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U. S. A. UNHANDLED AXES.

No. 2

Forged Steel Body, Extra Quality Crucible Tool Steel Bits, Full Polished, Blued and Etched. Carefully Hand Tempered, and Sharpened Ready for Use. An Axe of Exceptional Quality and Handsome Appearance.

OUR GUARANTEE — UNIVERSAL SATISFACTION ASSURED — U S A

No. 10

SINGLE BIT.

No. 1 U. S. A.—Michigan Pattern.

Weights, Assorted, lbs..	3 to 4	3¼ to 3¾	3¼ to 4¼
W't per doz.....	49	49	52 lbs.
Per dozen.....	$17.50	17.50	18.00

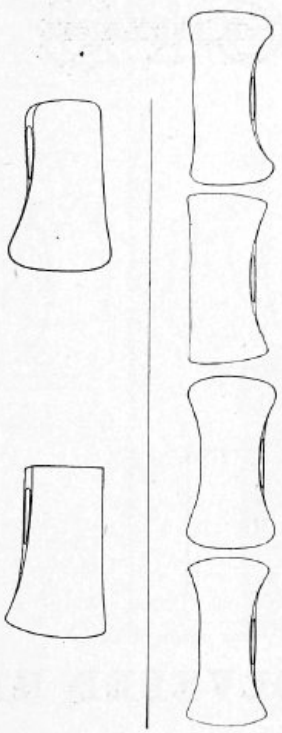
Weights, Assorted, lbs..	3½ to 4	3½ to 4½	3¾ to 4¼
W't per doz.....	52	54	54 lbs.
Per dozen.....	$18.00	18.00	18.00

Weights, Assorted, lbs.....	3¾ to 4¾	4 to 5
W't per doz.....	57	59 lbs.
Per dozen.....	$18.50	18.50

No. 2 U. S. A.—Yankee Pattern.

Weights, Assorted, lbs.....	3 to 4	3½ to 4½
W't per doz.....	49	54 lbs.
Per dozen.....	$17.50	18.00

Weights, Assorted, lbs..	4 to 5	4½ to 5½
W't per doz.....	59	64 lbs.
Per dozen.....	$18.50	19.00



DOUBLE BIT.

No. 10 U. S. A —Michigan Pattern.

Weights, Assorted, lbs.....	3½ to 4	3½ to 4½
W't per doz.....	52	54 lbs.
Per dozen.....	$22.00	22.00

Weights, Assorted, lbs.....	4 to 5	4½ to 5½
W't per doz.....	59	64 lbs.
Per dozen.....	$22.50	23.00

No. 20 U. S. A.—Western Pattern.

Weights, Assorted, lbs....	3½ to 4½	4 to 5	4½ to 5½
W't per doz.....	54	59	64 lbs.
Per dozen.....	$22.00	22.50	23.00

No. 40 U. S. A.—Reversible Pattern.

Weights, Assorted, lbs....	3 to 4	3½ to 4½
W't per doz.....	49	54 lbs.
Per dozen.....	$21.50	22.00

No. 50 U. S. A.—Swamping Pattern.

Weights, Assorted, lbs.....	3 to 4	3½ to 4½
W't per doz.....	49	54 lbs.
Per dozen.....	$21.50	22.00

ONE-TWELFTH DOZEN IN A CARTON, ONE DOZEN IN A CASE.

U. S. A. HANDLED AXES.

Any of the Above "U. S. A." Axes may be fitted with any of the following High-Grade Handles by our Expert Workmen, Our Handles are Specially Graded and Gauged for the Purpose and We Guarantee Correct "Hang" and Secure Wedging. We Strongly Recommend that all Axes be Purchased Handled, Ready for Use.

SINGLE BIT.

Add the Following Extras to the Prices of Unhandled U. S. A. Single Bit Axes Above.

No. A	—With O.V.B. regular oval handles fitted...	extra per dozen	$9.00
No. B	—With O.V.B. regular octagon handles fitted	" "	9.00
No. C	—With Revonoc regular oval handles fitted...	" "	7.50
No. D	—With Revonoc regular octagon handles fitted	" "	7.50
No. CC	—With Revonoc slim lumbermen's handles fitted	" "	7.50
No. DD	—With Revonoc oak regular oval handles fitted	" "	5.50
No. E	—With Hib-Spe-Bar regular oval handles fitted	" "	5.50
No. F	—With Hib-Spe-Bar regular octagon handles fitted	" "	5.50
No. EE	—With Hib-Spe-Bar slim lumbermen's handles fitted, extra.....	per dozen	5.50
No. FF	—With Hib-Spe-Bar oak regular oval handles fitted, extra.....	per dozen	4.50

DOUBLE BIT.

Add the Following Extras to the Prices of Unhandled U. S. A. Double Bit Axes Above.

No. T	—With O.V.B. regular oval handles fitted...	extra per dozen	$9.00
No. L	—With Revonoc regular oval handles fitted...	" "	7.50
No. LL	—With Revonoc oak regular oval handles fitted	" "	5.50
No. P	—With Hib-Spe-Bar regular oval handles fitted	" "	5.50
No. N	—With Hib-Spe-Bar regular octagon handles fitted, extra per dozen.....		5.50
No. PP	—With Hib-Spe-Bar oak regular oval handles fitted, extra.....	per dozen	4.50

Our handled axes have the heads securely boxed, with the handles projecting, and fully burlapped. Handled axes weigh about 16 lbs. per dozen more than the corresponding axes unhandled. In ordering handled axes, always specify the brand and weight of the axe, and prefix to the axe number the letter designating the handle, thus:—"1 dozen No. B2 U. S. A. Axes, 3½ to 4½ lbs.," which shows that No. 2 U. S. A. Yankee Pattern Axes are desired, fitted with No. B "O. V. B." octagon handles.

O.V.B. CHERRY BEVELED UNHANDLED AXES.

No. 01.

Forged Steel Body, Extra Quality Crucible Tool Steel Bits, Full Polished, with Cherry-Lacquered Pressed Bevels, and Deep Etched Cherry Enameled O. V. B. Branding. The Handsomest Finish on the Market. Every Axe Carefully Hand-Tempered Over Natural Gas.

No. 010.

OUR VERY BEST

SINGLE BIT.

No. 01 O.V.B.—Michigan Pattern.

Weights, Assorted, lbs	3 to 4	3¼ to 4¼
W't per doz.	49	52 lbs.
Per dozen.	$15.00	15.50
Weights, Assorted, lbs	3½ to 4½	4 to 5
W't per doz.	54	59 lbs.
Per dozen.	$15.50	16.00

No. 02 O.V.B.—Yankee Pattern.

Weights, Assorted, lbs	3½ to 4½	4 to 5
W't per doz.	54	59 lbs.
Per dozen.	$15.50	16.00

DOUBLE BIT.

No. 010 O.V.B.—Michigan Pattern.

Weights, Assorted, lbs	3½ to 4½	4 to 5
W't per doz.	54	59 lbs.
Per dozen.	$19.50	20.00

ONE DOZEN IN A CASE.

O.V.B. CHERRY BEVELED HANDLED AXES.

No. E01.

Any of the above O.V.B. Axes may be fitted with any of the following High-Grade Handles, by our Expert Workmen. Our Handles are Specially Graded and Gauged for the Purpose, and We Guarantee Correct "Hang" and Secure Wedging. We strongly Recommend that all Axes be Purchased Handled, Ready for Use.

SINGLE BIT.

Add the Following Extras to the Prices of Unhandled O.V.B. Single Bit Axes Above:

No. A	With O.V.B. regular oval handles fitted, extra, per dozen	$9.00
No. B	With O.V.B. regular octagon handles fitted " "	9.00
No. C	With Revonoc regular oval handles fitted " "	7.50
No. D	With Revonoc regular octagon handles fitted " "	7.50
No. CC	With Revonoc slim lumbermen's handles fitted, extra, per dozen	7.50
No. DD	With Revonoc oak regular oval handles fitted, extra, per dozen	5.50
No. E	With Hib-Spe-Bar regular oval handles fitted, extra, per dozen	5.50
No. F	With Hib-Spe-Bar regular octagon handles fitted, extra, per dozen	5.50
No. EE	With Hib-Spe-Bar slim lumbermen's handles fitted, extra, per dozen	5.50
No. FF	With Hib-Spe-Bar oak regular oval handles fitted, extra, per dozen	4.50

DOUBLE BIT.

Add the Following Extras to the Prices of Unhandled O.V.B. Double Bit Axes Above:

No. T	With O.V.B. regular oval handles fitted, extra, per dozen	$9.00
No. L	With Revonoc regular oval handles fitted " "	7.50
No. LL	With Revonoc oak regular oval handles fitted " "	5.50
No. P	With Hib-Spe-Bar regular oval handles fitted, extra, per dozen	5.50
No. N	With Hib-Spe-Bar regular octagon handles fitted, extra, per dozen	5.50
No. PP	With Hib-Spe-Bar oak regular oval handles fitted, extra, per dozen	4.50

Our handled axes have the heads securely boxed, with the handles projecting, and fully burlapped. Handled axes weigh about 16 lbs. per dozen more than the corresponding axes unhandled. In ordering handled axes always specify the brand and weight of the axe, and prefix to the axe number the letter designating the handle, thus:—"1 dozen No. E 01 O. V. B. Axes, 3 to 4 lbs.," which shows that No. 01 O. V. B. Cherry Beveled Michigan Pattern axes are desired, fitted with No. E Hib-Spe-Bar oval handles.

O.V.B. UNHANDLED PHANTOM BEVELED AXES.

No. 1.

Forged Steel Body, Extra Quality Crucible Tool Steel Bits, Full Polished and Etched, Carefully Hand-Tempered over Natural Gas, Keen, Thin Ground Bits, with Patent Hand-Ground "Phantom" Bevels. The Expert Woodman's Axe. Throws the Chips well and "Clears" Quickly, Without Binding.

No. 10.

O.V.B. OUR VERY BEST

SINGLE BIT.

No. 1 O.V.B.—Michigan Pattern.

Weights, Assorted, lbs.	3 to 4	3¼ to 4¼
W't per doz.	49	52 lbs.
Per dozen.	$17.50	18.00

Weights, Assorted, lbs.	3½ to 4	3½ to 4½	4 to 5
W't per doz.	52	54	59 lbs.
Per dozen.	$18.00	18.00	18.50

No. 2 O.V.B.—Yankee Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½
W't per doz.	49	54 lbs.
Per dozen.	$17.50	18.00

Weights, Assorted, lbs.	4 to 5	4½ to 5½
W't per doz.	59	64 lbs.
Per dozen	$18.50	19.00

DOUBLE BIT.

No. 10 O.V.B.—Michigan Pattern.

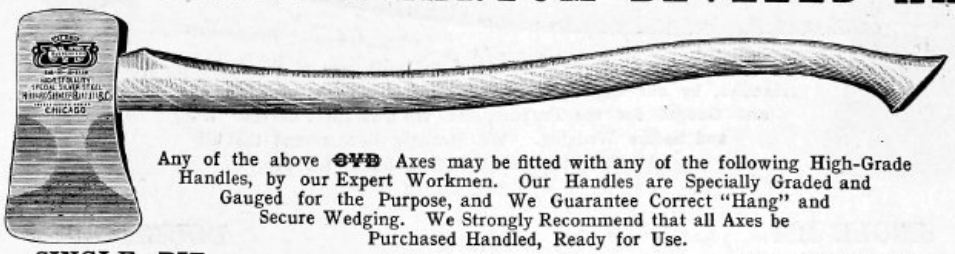
Weights, Assorted, lbs.	3½ to 4	3½ to 4½
W't per doz.	52	54 lbs.
Per dozen.	$22.00	22.00

Weights, Assorted, lbs.	4 to 5
W't per doz.	59 lbs.
Per dozen.	$22.50

Showing the manner in which O.V.B. Phantom Beveled Axes are packed.

ONE-TWELFTH DOZEN IN A CARTON, ONE DOZEN IN A CASE.

O.V.B. HANDLED PHANTOM BEVELED AXES.



Any of the above O.V.B. Axes may be fitted with any of the following High-Grade Handles, by our Expert Workmen. Our Handles are Specially Graded and Gauged for the Purpose, and We Guarantee Correct "Hang" and Secure Wedging. We Strongly Recommend that all Axes be Purchased Handled, Ready for Use.

SINGLE BIT.

Add the Following Extras to the Prices of Unhandled O.V.B. Single Bit Axes Above:

No. A	With O.V.B. regular oval handles fitted	extra per dozen	$9.00
No. B	With O.V.B. regular octagon handles fitted	" "	9.00
No. C	With Revonoc regular oval handles fitted	" "	7.50
No. D	With Revonoc regular octagon handles fitted	" "	7.50
No. CC	With Revonoc slim lumbermen's handles fitted	" "	7.50
No. DD	With Revonoc oak regular oval handles fitted	" "	5.50
No. E	With Hib-Spe-Bar regular oval handles fitted, extra per dozen		5.50
No. F	With Hib-Spe-Bar regular octagon handles fitted, extra per dozen		5.50
No. EE	With Hib-Spe-Bar slim lumbermen's handes fitted, extra per dozen		5.50
No. FF	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen		4.50

DOUBLE BIT.

Add the Following Extras to the Prices of Unhandled O.V.B. Double Bit Axes above:

No. T	With O.V.B. regular oval handles fitted	extra per dozen	$9.00
No. L	With Revonoc regular oval handles fitted	" "	7.50
No. LL	With Revonoc oak regular oval handles fitted	" "	5.50
No. P	With Hib-Spe-Bar regular oval handles fitted,	" "	5.50
No. N	With Hib-Spe-Bar regular octagon handles fitted, extra per dozen		5.50
No. PP	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen		4.50

Our handled axes have the heads securely boxed, with the handles projecting, and fully burlapped. Handled axes weigh about 16 lbs. per dozen more than the corresponding axes unhandled. In ordering handled axes always specify the brand and weight of the axe, and prefix to the axe number the letter designating the handle, thus:—"1 dozen No. E1 O V B Axes, 3 to 4 lbs.," which shows that No. 1 O. V. B. Phantom Beveled Michigan Pattern axes are desired, fitted with No. E Hib-Spe-Bar oval handles.

OVB UNHANDLED HAND MADE AXES.

No. 11

Forged Steel Body, Extra Quality Crucible Tool Steel Bits, with Natural Forge Finish Body, and Cross-Ground Temper-Blued Bit. Carefully Hand Tempered. Edge Whetted Ready for Use. An Old-Time Hand-Made Axe, whose Value lies in Its Material and Workmanship, Without Fancy Finish.

OVB OUR VERY BEST

No. 110.

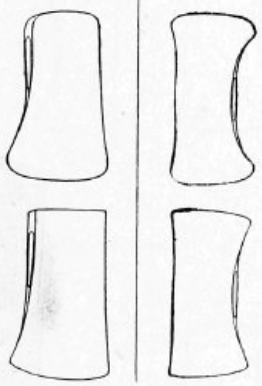
SINGLE BIT.

No. 11 OVB—Michigan Pattern.

Weights, Assorted, lbs.	3 to 4	3¼ to 4¼
W't per doz.	49	52 lbs.
Per dozen.	$13.00	13.50
Weights, Assorted, lbs.	3½ to 4½	4 to 5
W't per doz.	54	59 lbs.
Per dozen.	$13.50	14.00

No. 12 OVB—Yankee Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½
W't per doz.	49	54 lbs.
Per dozen.	$13.00	13.50
Weights, Assorted, lbs.	4 to 5	4½ to 5½
W't per doz.	59	64 lbs.
Per dozen.	$14.00	14.50



DOUBLE BIT.

No. 110 OVB—Michigan Pattern.

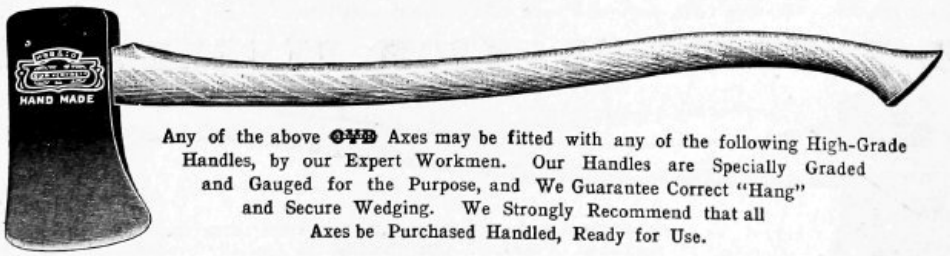
Weights, Assorted, lbs.	3½ to 4	3½ to 4½	4 to 5
W't per doz.	52	54	59 lbs.
Per doz.	$17.50	17.50	18.00

No. 120 OVB—Western Pattern.

Weights, Assorted, lbs.	3½ to 4½	4 to 5	4½ to 5½
W't per doz.	54	59	64 lbs.
Per dozen	$17.50	18.00	18.50

ONE-TWELFTH DOZEN IN A CARTON; ONE DOZEN IN A CASE.

OVB HANDLED HAND MADE AXES.



Any of the above OVB Axes may be fitted with any of the following High-Grade Handles, by our Expert Workmen. Our Handles are Specially Graded and Gauged for the Purpose, and We Guarantee Correct "Hang" and Secure Wedging. We Strongly Recommend that all Axes be Purchased Handled, Ready for Use.

SINGLE BIT.

Add the Following Extras to the Prices of Unhandled OVB Single Bit Axes Above.

No. A	With OVB regular oval handles fitted	extra per dozen	$9.00
No. B	With OVB regular octagon handles fitted	" "	9.00
No. C	With REVONOC regular oval handles fitted	" "	7.50
No. D	With REVONOC regular octagon handles fitted.	" "	7.50
No. CC	With REVONOC slim lumbermen's handles fitted	" "	7.50
No. DD	With REVONOC oak regular oval handles fitted.	" "	5.50
No. E	With Hib-Spe-Bar regular oval handles fitted	" "	5.50
No. F	With Hib-Spe-Bar regular octagon handles fitted, extra per dozen		5.50
No. EE	With Hib-Spe-Bar slim lumbermen's handles fitted, extra per dozen		5.50
No. FF	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen		4.50

DOUBLE BIT.

Add the Following Extras to the Prices of Unhandled OVB Double Bit Axes Above.

No. T	With OVB regular oval handles fitted	extra per dozen	$9.00
No. L	With REVONOC regular oval handles fitted	" "	7.50
No. LL	With REVONOC oak regular oval handles fitted	" "	5.50
No. P	With Hib-Spe-Bar regular oval handles fitted.	" "	5.50
No. N	With Hib-Spe-Bar regular octagon handles fitted, extra per dozen		5.50
No. PP	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen		4.50

Our handled axes have the heads securely boxed, with the handles projecting, and fully burlapped. Handled axes weigh about 16 lbs. per dozen more than the corresponding axes unhandled. In ordering handled axes, always specify the brand and weight of the axe, and prefix to the axe number the letter designating the handle, thus:—"1 dozen No. D12 O. V. B. Axes, 4 to 5 lbs.," which shows that No. 12 O. V. B. Hand-Made Yankee Pattern Axes are desired, fitted with No. D, REVONOC octagon handles.

OVB UNHANDLED POLISHED AXES.

Forged Steel Body, Extra Quality Crucible Tool Steel Bits, Full Polished and Etched, Carefully Hand Tempered Over Natural Gas, Keen, Thin-Ground Bit. A Highly Finished Axe at a Very Moderate Price.

No. 22

No. 210.

SINGLE BIT.

No. 21 OVB—Michigan Pattern.

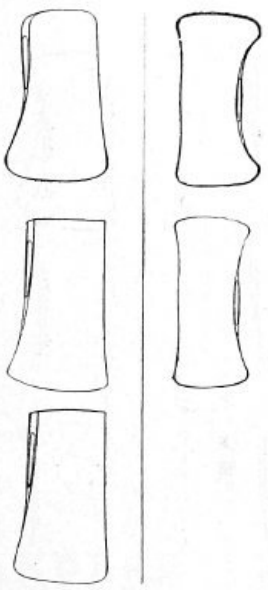
Weights, Assorted, lbs.	3 to 4	3¼ to 3¾	3¼ to 4¼
W't per doz.	49	49	52 lbs.
Per dozen	$13.00	13.00	13.50
Weights, Assorted, lbs.	3½ to 4	3½ to 4½	3¾ to 4¼
W't per doz.	52	54	54 lbs.
Per dozen	$13.50	13.50	13.50
Weights, Assorted, lbs.	3¾ to 4¾		4 to 5
W't per doz.	57		59 lbs.
Per dozen	$14.00		14.00

No. 22 OVB—Yankee Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½
W't per doz.	49	54 lbs.
Per dozen	$13.00	13.50
Weights, Assorted, lbs.	4 to 5	4½ to 5½
W't per doz.	59	64 lbs.
Per dozen	$14.00	14.50

No. 23 OVB—Wisconsin Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4	3½ to 4½
W't per doz.	49	52	54 lbs.
Per dozen	$13.00	13.50	13.50



ONE DOZEN IN A CASE.

DOUBLE BIT.

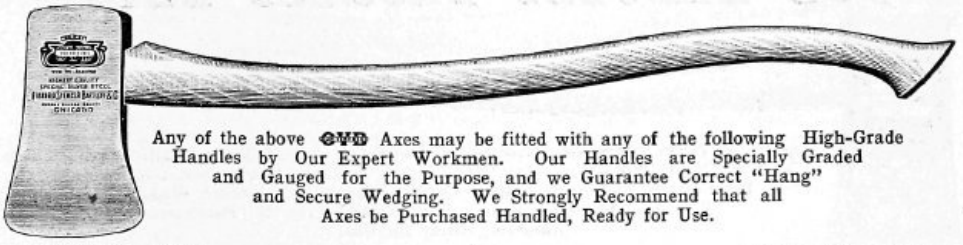
No. 210 OVB—Michigan Pattern.

Weights, Assorted, lbs.	3½ to 4	3½ to 4½
W't per doz.	52	54 lbs.
Per dozen	$17.50	17.50
Weights, Assorted, lbs.		4 to 5
W't per doz.		59 lbs.
Per dozen		$18.00

No. 230 OVB—Wisconsin Pattern.

Weights, Assorted, lbs.	3½ to 4½	4 to 5
W't per doz.	54	59 lbs.
Per dozen	$17.50	18.00

OVB HANDLED POLISHED AXES.



Any of the above OVB Axes may be fitted with any of the following High-Grade Handles by Our Expert Workmen. Our Handles are Specially Graded and Gauged for the Purpose, and we Guarantee Correct "Hang" and Secure Wedging. We Strongly Recommend that all Axes be Purchased Handled, Ready for Use.

SINGLE BIT.

Add the Following Extras to the Prices of Unhandled OVB Single Bit Axes Above.		
No. A	With OVB regular oval handles fitted	extra per dozen $9.00
No. B	With OVB regular octagon handles fitted	" " 9.00
No. C	With REVONOC regular oval handles fitted	" " 7.50
No. D	With REVONOC regular octagon handles fitted	" " 7.50
No. CC	With REVONOC slim lumbermen's handles fitted	" " 7.50
No. DD	With REVONOC oak regular oval handles fitted	" " 5.50
No. E	With Hib-Spe-Bar regular oval handles fitted	" " 5.50
No. F	With Hib-Spe-Bar regular octagon handles fitted, extra per dozen	5.50
No. EE	With Hib-Spe-Bar slim lumbermen's handles fitted, extra per dozen	5.50
No. FF	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	4.50

DOUBLE BIT.

Add the Following Extras to the Prices of Unhandled OVB Double Bit Axes Above.		
No. T	With OVB regular oval handles fitted	extra per dozen $9.00
No. L	With REVONOC regular oval handles fitted	" " 7.50
No. LL	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	5.50
No. P	With Hib-Spe-Bar regular oval handles fitted, extra per dozen	5.50
No. N	With Hib-Spe-Bar regular octagon handles fitted, extra per dozen	5.50
No. PP	With Hib-Spe-Bar oak regular oval handles, fitted, extra per dozen	4.50

Our handled axes have the heads securely boxed, with the handles projecting and fully burlapped. Handled axes weigh about 16 lbs. per dozen more than the corresponding axes unhandled. In ordering handled axes, always specify the brand and weight of the axe, and prefix to the axe number the letter designating the handle, thus: "1 dozen No. P210 O. V. B. axes, 4 to 5 lbs.," which shows that No. 210 O. V. B Polished Michigan Pattern Double Bit axes are desired, fitted with No. P "Hib-Spe-Bar" oval handles

No. 31.

OVB UNHANDLED BRONZED AXES.

Forged Steel Gold Bronzed Body, Extra Quality Crucible Tool Steel Polished Bits, Carefully Hand Tempered Over Natural Gas, Keen, Thin-Ground Bits. Our Standard Finish, but Much Finer in Workmanship than Other Axes Usually Sold at the Price.

No. 340.

OUR VERY BEST

SINGLE BIT.

No. 31 OVB—Michigan Pattern.

Weights, Assorted, lbs.	3 to 4	3¼ to 4¼	3½ to 4
W't per doz.	49	52	52 lbs.
Per dozen	$11.00	11.50	11.50

Weights, Assorted, lbs.	3½ to 4½	3¾ to 4¾	4 to 5
W't per doz	54	57	59 lbs.
Per dozen	$11.50	12.00	12.00

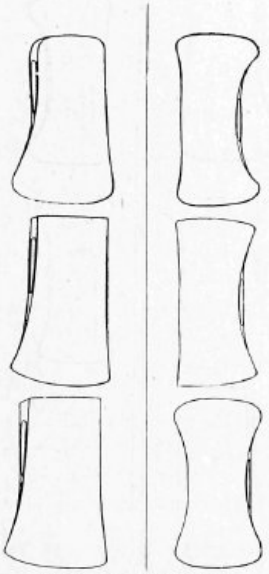
No. 32 OVB—Yankee Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½
W't per doz.	49	54 lbs.
Per dozen	$11.00	11.50

Weights, Assorted, lbs.	4 to 5	4½ to 5½
W't per doz.	59	64 lbs.
Per dozen	$12.00	12.50

No. 34 OVB—Dayton Pattern.

Weights, Assorted, lbs.	3½ to 4½	4 to 5	4½ to 5½
W't per doz.	54	59	64 lbs.
Per dozen	$11.50	12.00	12.50



ONE DOZEN IN A CASE.

DOUBLE BIT.

No. 310 OVB—Michigan Pattern.

Weights, Assorted, lbs.	3½ to 4	3½ to 4½
W't per doz.	52	54 lbs.
Per dozen	$15.50	15.50

Weights, Assorted, lbs.	4 to 5
W't per doz.	59 lbs.
Per dozen	$16.00

No. 320 OVB—Western Pattern.

Weights, Assorted, lbs.	3½ to 4	3½ to 4½
W't per doz.	52	54 lbs.
Per dozen	$15.50	15.50

Weights, Assorted, lbs.	4 to 5	4½ to 5½
W't per doz.	59	64 lbs.
Per dozen	$16.00	16.50

No. 340 OVB—Reversible Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½
W't per doz.	49	54 lbs.
Per dozen	$15.00	15.50

OVB HANDLED BRONZED AXES.

Any of the Above OVB Axes may be fitted with any of the following High-Grade Handles by Our Expert Workmen. Our Handles are Specially Graded and Gauged for the Purpose, and we Guarantee Correct "Hang" and Secure Wedging. We Strongly Recommend that All Axes be Purchased Handled, Ready for Use.

SINGLE BIT.

Add the Following Extras to the Prices of Unhandled OVB Single Bit Axes Above.

No. A	—With OVB regular oval handles fitted...extra per dozen	$9.00
No. B	—With OVB regular octagon handles, fitted " "	9.00
No. C	—With REVONOC regular oval handles, fitted.. " "	7.50
No. D	—With REVONOC regular octagon handles fitted " "	7.50
No. CC	—With REVONOC slim lumbermen's handles fitted " "	7.50
No. DD	—With REVONOC oak regular oval handles fitted " "	5.50
No. E	—With Hib-Spe-Bar regular oval handles fitted " "	5.50
No. F	—With Hib-Spe-Bar regular octagon handles fitted" "	5.50
No. EE	—With Hib-Spe-Bar slim lumbermen's handles fitted, extra per dozen	5.50
No. FF	—With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	4.50
No. J	—With Il-a-noy regular oval handles, fitted extra per dozen	4.00

DOUBLE BIT.

Add the Following Extras to the Prices of Unhandled OVB Double Bit Axes Above.

No. T	—With OVB regular oval handles, fitted...extra per dozen	$9.00
No. L	—With REVONOC regular oval handles fitted... " "	7.50
No. LL	—With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	5.50
No. P	—With Hib-Spe-Bar regular oval handles fitted, extra per doz.	5.50
No. N	—With Hib-Spe-Bar regular octagon handles fitted " "	5.50
No. PP	—With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	4.50
No. R	—With Il-a-noy regular oval handles fitted..extra per dozen	4.00

Our handled axes have the heads securely boxed, with the handles projecting and fully burlapped. Handled axes weigh about 16 lbs. per dozen more than the corresponding axes unhandled. In ordering handled axes, always specify the brand and weight of the axe, and prefix to the number the letter designating the handle, thus: "1 dozen No. F3¼ O. V. B. axes, 4 to 5 lbs.," which means that No. 3¼ O. V. B. Bronzed Dayton Pattern axes are desired, fitted with No. F. Hib-Spe-Bar octagon handles.

UNHANDLED AXES.

REVONOC SINGLE BIT.

No. 2.

Forged Steel Body, Extra Quality Crucible Tool Steel Bit, Gun-Metal Black Finish, with Deep Etched Polished Name Plate. A Most Unique and Attractive Finish. Carefully Hand Tempered Over Natural Gas, Edge Sharpened ready for use.

No. 1 REVONOC—Michigan Pattern.

Weights, Assorted, lbs.	**3 to 4**	**3¼ to 4¼**
W't per doz.	49	52 lbs.
Per dozen	$15.00	15.50
Weights, Assorted, lbs.	**3½ to 4½**	**4 to 5**
W't per doz.	54	59 lbs.
Per dozen	$15.50	16.00

No. 2 REVONOC—Yankee Pattern.

Weights, Assorted, lbs.	**3 to 4**	**3½ to 4½**
W't per doz.	49	54 lbs.
Per dozen.	$15.00	15.50
Weights, Assorted, lbs.		**4 to 5**
W't per doz.		59 lbs.
Per dozen		$16.00

ONE-TWELFTH DOZEN IN A CARTON; ONE DOZEN IN A CASE.

MARICOPA SINGLE BIT.

Forged Steel Gold Bronzed Body, Crucible Steel Polished Bit, Well Tempered and Sharpened. A good Serviceable Axe at a Very Low Price.

No. 42.

No. 41—Maricopa Michigan Pattern.

Weights, Assorted, lbs.	**3 to 4**	**3½ to 4½**
W't per doz.	49	54 lbs.
Per dozen.	$9.50	10.00
Weights, Assorted, lbs.		**4 to 5**
W't per doz.		59 lbs.
Per dozen		$10.50

No. 42—Maricopa Yankee Pattern.

Weights, Assorted, lbs.	**3 to 4**	**3½ to 4½**
W't per doz.	49	54 lbs.
Per dozen.	$9.50	10.00
Weights, Assorted, lbs.		**4 to 5**
W't per doz.		59 lbs.
Per dozen.		$10.50

ONE DOZEN IN A CASE.

HANDLED AXES.

Any of the Above Axes may be Fitted with any of the Following Handles, by Our Expert Workmen. Our Handles are Specially Graded and Gauged for the Purpose, and we Guarantee Correct "Hang" and Secure Wedging. We Strongly Recommend that all Axes be Purchased Handled, Ready for Use.

REVONOC SINGLE BIT.

Add the Following Extras to the Prices of Unhandled REVONOC Axes Above:

No. A	—With OVD regular oval handles fitted...extra per dozen	$9.00
No. B	—With OVD regular octagon handles fitted " "	9.00
No. C	—With REVONOC regular oval handles fitted... " "	7.50
No. D	—With REVONOC regular octagon handles fitted " "	7.50
No. CC	—With REVONOC slim lumbermen's handles fitted " "	7.50
No. DD	—With REVONOC oak regular oval handles fitted " "	5.50
No. E	—With Hib-Spe-Bar regular oval handles fitted " "	5.50
No. F	—With Hib-Spe-Bar regular octagon handles fitted " "	5.50
No. EE	—With Hib-Spe-Bar slim lumbermen's handles fitted, extra per dozen	5.50
No. FF	—With "Hib-Spe-Bar" oak regular oval handles fitted, extra per dozen	4.50

MARICOPA SINGLE BIT.

Add the Following Extras to the Prices of Unhandled Maricopa Axes Above:

No. E	—With Hib-Spe-Bar regular oval handles fitted, extra per dozen	$5.00
No. F	—With Hib-Spe-Bar regular octagon handles fitted, extra per dozen	5.50
No. EE	—With Hib-Spe-Bar slim lumbermen's handles fitted, extra per dozen	5.50
No. FF	—With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	4.50
No. J	—With Il-a-noy regular oval handles fitted.extra per dozen	4.00
No. K	—With Cruso regular oval handles fitted.... " "	3.50
No. S	—With ebonized oval handles fitted..... " "	3.50

Our handled axes have the heads securely boxed, with the handles projecting and fully burlapped. Handled axes weigh about 16 lbs. per dozen more than the corresponding axes unhandled. In ordering handled axes, always specify the brand and weight of the axe, and prefix to the axe number the letter designating the handle thus: "1 dozen No. J41 Maricopa axes, 3 to 4 lbs.," which shows that No. 41 Maricopa Michigan Pattern axes are desired, fitted with No. J Il-a-noy oval handles.

UNHANDLED AXES.

No 62.

VALLEY FORGE.

Forged Steel Body, Crucible Steel Bits, Gun-Metal Black Finish. A First Quality Axe at a Medium Price. Made for Service, not for Style. Well Tempered and Sharpened.

PIONEER.

Forged Steel Body, Crucible Steel Bits, Full Polished and Labeled, with Pressed "Perfect" Bevels, Blue Lacquered, Well Tempered and Sharpened. A Very Popular Style, and of High Quality.

No. 520.

SINGLE BIT.

No. 61—Valley Forge Michigan Pattern.

Weights, Assorted, lbs.	3 to 4	3¼ to 4¼
W't per doz.	49	52 lbs.
Per dozen.	$10.50	11.00
Weights, Assorted, lbs.	3½ to 4½	4 to 5
W't per doz.	54	59 lbs.
Per dozen.	$11.00	11.50

No. 62—Valley Forge Yankee Pattern.

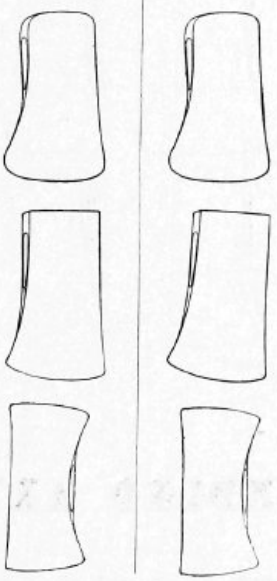
Weights, Assorted, lbs.	3 to 4	3½ to 4½	4 to 5
W't per doz.	49	54	59 lbs.
Per dozen.	$10.50	11.00	11.50

DOUBLE BIT.

No. 620—Valley Forge Western Pattern.

Weights, Assorted, lbs.	3½ to 4½	4 to 5
W't per doz.	54	59 lbs.
Per dozen.	$15.00	15.50
Weights, Assorted, lbs.	4½ to 5½	
W't per doz.	64 lbs.	
Per dozen.	$16.00	

ONE DOZEN IN A BOX.



SINGLE BIT.

No. 51—Pioneer Michigan Pattern.

Weights, Assorted, lbs.	3 to 4	3¼ to 4¼
W't per doz.	49	52 lbs.
Per dozen.	$15.00	15.50
Weights, Assorted, lbs.	3½ to 4½	4 to 5
W't per doz.	54	59 lbs.
Per dozen.	$15.50	16.00

No. 52—Pioneer Yankee Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½
W't per doz.	49	54 lbs.
Per dozen.	$15.00	15.50
Weights, Assorted, lbs.	4 to 5	4½ to 5½
W't per doz.	59	64 lbs.
Per dozen.	$16.00	16.50

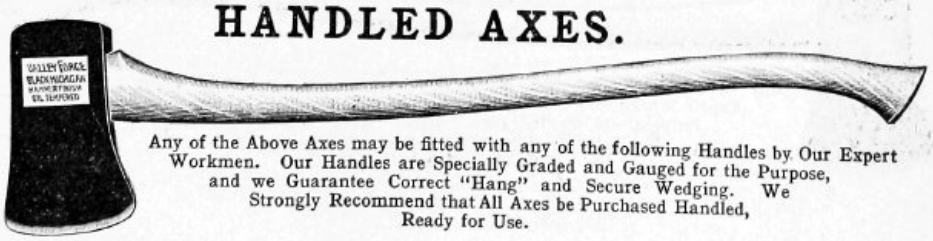
DOUBLE BIT.

No. 520—Pioneer Western Pattern.

Weights, Assorted, lbs.	3½ to 4½	4 to 5
W't per doz.	54	59 lbs.
Per dozen.	$19.50	20.00
Weights, Assorted, lbs.		4½ to 5½
W't per doz.		64 lbs.
Per dozen.		$20.50

ONE DOZEN IN A BOX.

HANDLED AXES.



Any of the Above Axes may be fitted with any of the following Handles by Our Expert Workmen. Our Handles are Specially Graded and Gauged for the Purpose, and we Guarantee Correct "Hang" and Secure Wedging. We Strongly Recommend that All Axes be Purchased Handled, Ready for Use.

PIONEER OR VALLEY FORGE SINGLE BIT.

Add the Following Extras to the Prices of Unhandled Single Bit Axes Above.

No. A	With OVB regular oval handles fitted	extra per dozen $9.00
No. B	With OVB regular octagon handles fitted	" " 9.00
No. C	With REVONOC regular oval handles fitted	" " 7.50
No. D	With REVONOC regular octagon handles fitted	" " 7.50
No. CC	With REVONOC slim lumbermen's handles fitted	" " 7.50
No. DD	With REVONOC oak regular oval handles fitted	" " 5.50
No. E	With Hib-Spe-Bar regular oval handles fitted	" " 5.50
No. F	With Hib-Spe-Bar regular octagon handles fitted	" " 5.50
No. EE	With Hib-Spe-Bar slim lumbermen's handles fitted, extra per dozen	5.50
No. FF	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	4.50
No. J	With Il-a-noy regular oval handles fitted	extra per dozen 4.00
No. K	With Cruso regular oval handles fitted	" " 3.50

PIONEER OR VALLEY FORGE DOUBLE BIT.

Add the Following Extras to the Prices of Unhandled Double Bit Axes Above.

No. T	With OVB regular oval handles fitted	extra per dozen $9.00
No. L	With REVONOC regular oval handles fitted	" " 7.50
No. LL	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	5.50
No. P	With Hib-Spe-Bar regular oval handles fitted, extra per dozen	5.50
No. N	With Hib-Spe-Bar regular octagon handles fitted, extra per dozen	5.50
No. PP	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	4.50
No. R	With Il-a-noy regular oval handles fitted	extra per dozen 4.00

Our handled axes have the heads securely boxed, with the handles projecting and fully burlapped. Handled axes weigh about 16 lbs. per dozen more than the corresponding axes unhandled. In ordering handled axes, always specify the brand and weight of the axe, and prefix to the axe number the letter designating the handle thus: "1 dozen No. J51 Pioneer axes, 3 to4 lbs.," which shows that No. 51 Pioneer Michigan Pattern axes are desired, fitted with No. J Il-a-noy oval handles

UNHANDLED AXES.

No. 82.

PINE TREE, SINGLE BIT.

Forged Steel Body, Painted Black, Crucible Steel Polished Bit, Well Tempered and Sharpened.

No. 82—Pine Tree Yankee Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½	
W't per doz.	49	54 lbs.	
Per dozen	$9.50	10.00	
Weights, Assorted, lbs.		4 to 5	
W't per doz.		59 lbs.	
Per dozen		$10.50	

ONE DOZEN IN A CASE.

No. 91.

PRIDE OF THE FOREST SINGLE BIT.

Forged Steel Body, Crucible Steel Bit, Black Forge Finish, Tempered and Sharpened. A Very Low Priced Axe, But Serviceable for All but Very Exacting Work.

No. 91—Pride of the Forest Michigan Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½	4 to 5
W't per doz.	49	54	59 lbs.
Per dozen	$9.00	9.50	10.00

No. 92—Pride of the Forest Yankee Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½	4 to 5
W't per doz.	49	54	59 lbs.
Per dozen	$9.00	9.50	10.00

ONE DOZEN IN A CASE.

No. 71.

ROBERT MANN AND LIPPINCOTT, SINGLE BIT.

Forged Steel Gold Bronzed Body, Crucible Steel Polished Bits, Standard Quality and Finish.

No. 71—Robert Mann Michigan Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½	4 to 5
W't per doz.	49	54	59 lbs.
Per dozen	$11.00	11.50	12.00

No. 72—Lippincott Yankee Pattern.

Weights, Assorted, lbs	3 to 4	3½ to 4½	4 to 5	4½ to 5½
W't per doz.	49	54	59	64 lbs.
Per dozen	$11.00	11.50	12.00	12.50

ONE DOZEN IN A CASE.

No. 720.

LIPPINCOTT, DOUBLE BIT.

Forged Steel Gold Bronzed Body, Crucible Steel Polished Bits, Standard Quality and Finish.

No. 720—Lippincott Western Pattern.

Weights, Assorted, lbs.		3½ to 4½	4 to 5
W't per doz.		54	59 lbs.
Per dozen		$15.50	16.00

ONE DOZEN IN A CASE.

HANDLED AXES.

Any of the Above Axes May be Fitted with any of the Following Handles By Our Expert Workmen. Our Handles are Specially Graded and Gauged for the Purpose, and we Guarantee Correct "Hang" and Secure Wedging. We Strongly Recommend that all Axes be Purchased Handled, Ready for Use.

SINGLE BIT.

Add the Following Extras to the Prices of Unhandled Single Bit Axes Above.

No. C	With REVONOC regular oval handles fitted...extra per dozen	$7.50
No. D	With REVONOC regular octagon handles fitted, extra per dozen	7.50
No. CC	With REVONOC slim lumbermen's handles fitted, extra per dozen	7.50
No. DD	With REVONOC oak regular oval handles fitted, extra per dozen	5.50
No. E	With Hib-Spe-Bar regular oval handles fitted " "	5.50
No. F	With Hib-Spe-Bar regular octagon handles fitted" "	5.50
No. EE	With Hib-Spe-Bar slim lumbermen's handles fitted, extra per dozen	5.50
No. FF	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	4.50
No. J	With Il-a-noy regular oval handles fitted..extra per dozen	4.00
No. K	With Cruso regular oval handles fitted... " "	3.50

DOUBLE BIT.

Add the Following Extras to the Prices of Unhandled Double Bit Axes Above.

No. L	With REVONOC regular oval handles fitted...extra per dozen	$7.50
No. LL	With "Hib-Spe-Bar" oak regular oval handles fitted, extra per dozen	5.50
No. P	With Hib-Spe-Bar regular oval handles fitted, extra per doz.	5.50
No. N	With Hib-Spe-Bar regular octagon handles fitted " "	5.50
No. PP	With Hib-Spe-Bar oak regular oval handles fitted, extra per dozen	4.50
No. R	With Il-a-noy regular oval handles fitted..extra per dozen	4.00

Our handled axes have the heads securely boxed, with the handles projecting and fully burlapped. Handled axes weigh about 16 lbs. per dozen more than the corresponding axes unhandled. In ordering handled axes, always specify the brand and weight of the axe, and prefix to the axe number the letter designating the handle, thus: "1 doz. No. R720 Lippincott axes, 4 to 5 lbs.," which shows that No. 720 Lippincott Western Pattern D. B. axes are desired, fitted with No. R Il-a-noy oval handles.

HANDLED AXES.

CAMP FIRE, SINGLE BIT.

Forged Steel Body, Painted Red and Labeled, Polished Crucible Steel Bit, with Pressed Bevels, Blue Lacquered. Fitted with Good Quality Oval Hickory Handle. One of Our Best Sellers

No. J101—Camp Fire, Michigan Pattern.

Weights, Assorted, lbs	3 to 4	3½ to 4½	4 to 5
W't per doz. handled	65	70	75 lbs.
Per dozen	$14.50	15.00	15.50

No. J102—Camp Fire, Yankee Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½	4 to 5
W't per doz. handles	65	70	75 lbs.
Per dozen	$14.50	15.00	15.50

PRIDE OF THE FOREST, SINGLE BIT.

Forged Steel Body, Crucible Steel Bit, Black Forge Finish. Fitted with Good Quality Oval Ebonized Hickory Handle. A Surprising Value at the Price.

No. S91—Pride of the Forest, Michigan Pattern.

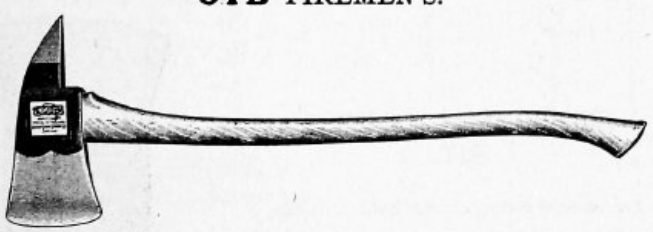
Weights, Assorted, lbs.	3 to 4	3½ to 4½	4 to 5
W't per doz. handled	65	70	75 lbs.
Per dozen	$13.00	13.50	14.00

No. S92—Pride of the Forest, Yankee Pattern.

Weights, Assorted, lbs.	3 to 4	3½ to 4½	4 to 5
W't per doz. handled	65	70	75 lbs.
Per dozen	$13.00	13.50	14.00

ONE DOZEN IN A BOX, HANDLES BURLAPPED.

OVB FIREMEN'S.

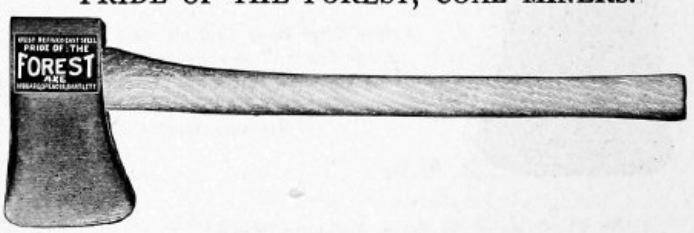


No. 7 OVB—With Pick Point, Forged Steel, Gold Bronzed Body and Point, Extra Quality Crucible Tool Steel Bit, Polished, Carefully Hand-Tempered. Fitted with Extra Quality Oval White Hickory Handle.

Weight, without handle, lbs.	4	5	6
W't per doz., handled	54	64	76 lbs.
Per dozen	$25.00	27.50	30.00

HALF DOZEN IN A BOX.

PRIDE OF THE FOREST, COAL MINERS.



No. W92—Pride of the Forest, Yankee Pattern, Black Forge Finish, Fitted with Good Quality Short (26 inch) Oval Straight Miners' Handle.

Weights, Assorted, lbs.	3 to 4	3½ to 4½
Weight, per doz., handled	63	68 lbs.
Per dozen	$14.00	14.50

ONE DOZEN IN A BOX.

BOYS'.

"Our Very Best."

Camp Fire.

Cruso.

Solid Forged Crucible Steel, with 28 in. Oval Hickory Handles.

No. 20 OVB—Full polished and etched, 2¼ lbs., extra quality white handle ..... per dozen $10.00

No. 24 OVB—Bronzed, with polished bit, 2¼ lbs., extra quality white handle ..... per dozen 9.00

No. 2—Camp Fire, body painted red, polished bit, pressed blue bevels, 2¼ lbs., good quality handle ..... per dozen 8.00

No. 12—Cruso, bronzed, with polished bit, 2¼ lbs., medium quality handle ..... per dozen 7.00

ONE DOZEN OR ONE-HALF DOZEN IN A BOX; WEIGHT PER DOZEN, ABOUT 40 LBS.

HUNTERS' AXES OR CAMP HATCHETS.

"Our Very Best."

"Rev-o-noc."

Solid Forged Crucible Steel, with 14 in. Oval Extra Quality White Hickory Handles.

No. 22¼ OVB—Full polished and etched, 1¼ lb., w't per doz. 22 lbs. ..... per dozen $9.00

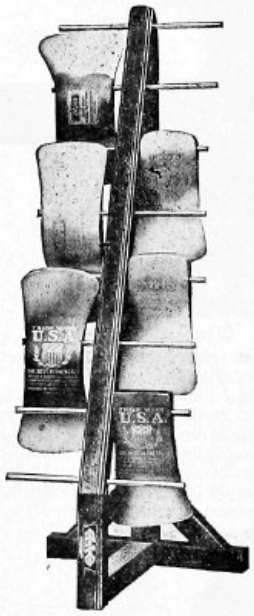
No. 22½ OVB—Bronzed with polished bit, 1¼ lbs., w't per doz. 22 lbs. ..... per dozen 8.00

No. 23 REVONOC—Black finish, 1¼ lbs., w't per doz. 22 lbs., per dozen. 8.00

ONE-HALF DOZEN IN A BOX.

BROAD AXES, ADZES AND AXE RACKS.

AXE RACKS.

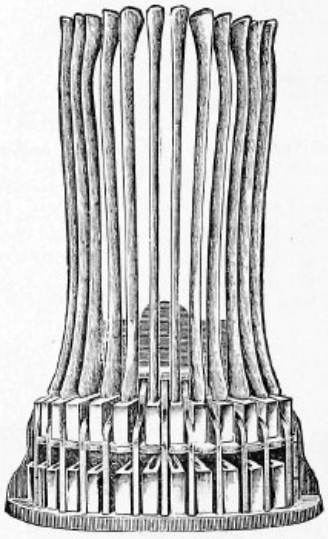


"OUR VERY BEST."

No. 15 ⊕V⊕—Oak frame with handsome "furniture finish," varnished, nickel plated steel pins, will hold up to 16 unhandled axes, height 32 in., base 11¾×12½ in., pins project 4 in., w't about 10 lbs.
each.....$1.80

Axes can be placed as desired on the rack without over-balancing. A handsome display stand for the counter or show window.

ONE IN A CRATE.

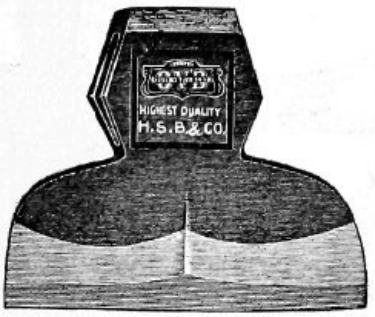


No. 10—SENSIBLE, hardwood, painted red, width 28 in., depth 14 in., holds 16 handled and 16 unhandled axes, w't 21 lbs.....each $4.50

Can be used on the counter or on the wall by supporting with brackets. For counter use a fine display can be made by placing two racks back to back. The rack is ornamental and attractive, and will save its cost by keeping axes off the floor, away from the dirt and sprinkler.

ONE IN A CRATE.

"OUR VERY BEST" BROAD AXES.

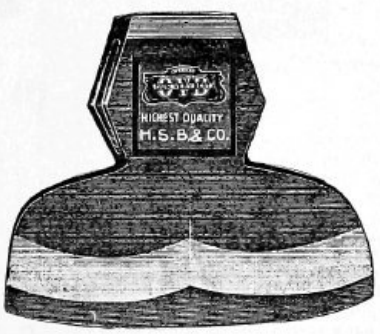


CANADA PATTERN, Ridge Bit, Extra Quality Forged Tool Steel, Rich Gold Bronzed Body, Polished Head and Bit.

⊕V⊕, 6½ to 7½ lbs., 11½ to 12½ in. cut, assorted, w't per doz. about 90 lbs.....per dozen $44.00

⊕V⊕, 7½ to 8½ lbs., 12½ to 13½ in. cut, assorted, w't per doz. about 105 lbs.....per dozen 46.00

ONE DOZEN ASSORTED IN A CASE.



⊕V⊕, RAMSEY PATTERN, ridge bit, rounded corners, extra quality forged tool steel, rich gold bronzed body, polished head and bit, 6½ to 7½ lbs., 11½ to 12½ in. cut, assorted, w't per doz. about 90 lbs.....per dozen $44.00

⊕V⊕, PENNSYLVANIA PATTERN, ridge bit, extra quality forged tool steel, rich gold bronzed body, polished head and bit, 6½ to 7½ lbs., 11¾ to 12¾ in. cut, assorted, w't per doz. about 90 lbs., per dozen.....$32.00

ONE DOZEN ASSORTED IN A CASE.

"OUR VERY BEST" ADZES.

Carpenters' Half Head, Extra Quality, Forged Tool Steel, Gold Bronzed Body, Polished Head and Bit.

No. 10 ⊕V⊕, Cut...	4	4½ in.
W't each.....	4	4¼ lbs.
W't per doz.....	48	51 lbs.
Per dozen.....$24.00		24.00

ONE DOZEN IN A CASE.

Railroad, Full Head, Extra Quality, Forged Tool Steel, Gold Bronzed Body, Polished Head and Bit.

No. 20 ⊕V⊕—Cut...	5	5½ in.
W't each.....	4¼	4½ lbs.
W't per doz.....	51	54 lbs.
Per dozen.....$26.00		26.00

ONE DOZEN IN A CASE.

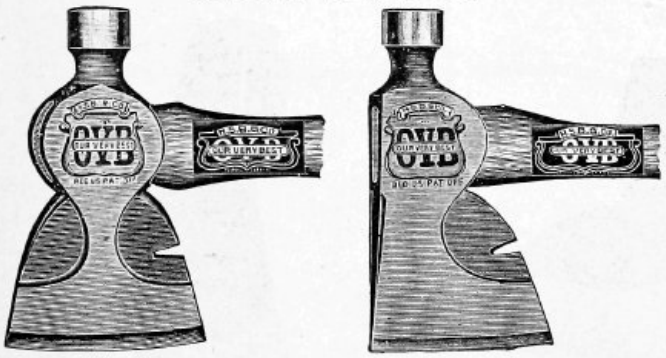
Ship, Spur Head, Extra Quality, Forged Tool Steel, Gold Bronzed Body, Polished Head and Bit.

No. 30 ⊕V⊕—Cut...	4	4½ in.
W't each.....	3	3¼ lbs.
W't per doz.....	36	39 lbs.
Per dozen.....$25.00		25.00

ONE DOZEN IN A CASE.

"OUR VERY BEST" HATCHETS.

CHERRY BEVELED.



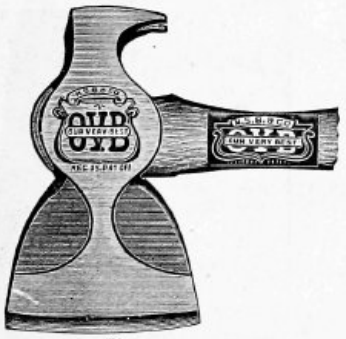
Shingling. Half.

Extra Quality Forged Tool Steel, Polished Body and Bell Poll, with Handsome Cherry Lacquered Bevels and Round Neck, Select Hickory Handles, Cherry Stained and Hand Rubbed.

No. PS2 O.V.B.—Shingling, 4 in. bit, w't per doz. 26 lbs. . per dozen $11.00
No. PH2 O.V.B.—Half, 3⅝ in. bit, w't per doz. 24 lbs. . " 11.50

The Brand "O. V. B." is deep etched and filled with cherry enamel, making a most beautiful and permanent marking.

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

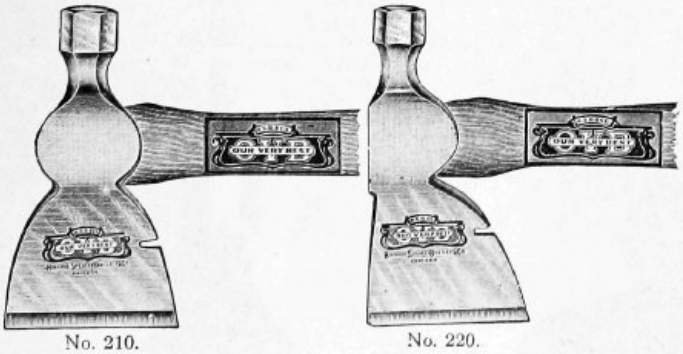


Claw.

No. PC2 O.V.B.—Claw, extra quality forged tool steel, polished body with handsome cherry lacquered bevels, "O. V. B." brand is deep etched and filled with cherry enamel, select cherry stained second growth hickory handle, 4 in. bit, w't per doz. 26 lbs. . . . . per dozen $12.00

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

OCTAGON HEAD.



No. 210. No. 220.

Extra Quality, Forged Tool Steel, Octagon Head, Full Nickel Plated, Burnished and Etched, with Select Cherry Stained Second Growth Hickory Handle.

No. 210 O.V.B.—Shingling, 4 in. bit, w't per doz. 26 lbs. . . per dozen $15.00
No. 220 O.V.B.—Half, 3⅝ in. bit, w't per doz. 26 lbs. . . " 15.50

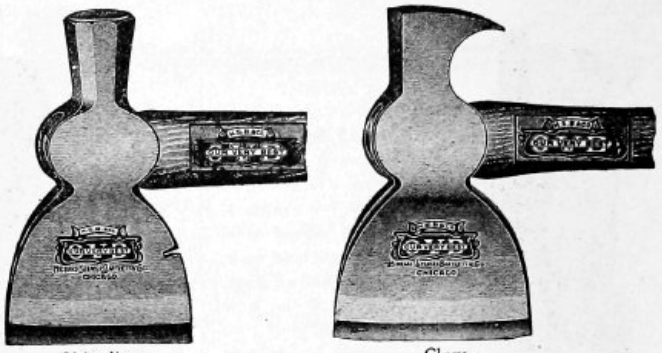
Extra Quality, Forged Tool Steel, Octagon Head, Rich Gold Bronzed Body, Polished Face and Bit, with Select White Second Growth Hickory Handle.

PER DOZEN.

No. 410 O.V.B.—Shingling, 4 in. bit, smooth head, w't per doz. 26 lbs. $11.50
No. 420 O.V.B.—Half, 3⅝ in. bit, smooth head, w't per doz. 26 lbs. 12.00
No. 430 O.V.B.—Half, 4 in. bit, smooth head, w't per doz. 29 lbs. 12.50
No. 0420 O.V.B.—Half, 3⅝ in. bit, scored head, w't per doz. 26 lbs. 12.50
No. 0430 O.V.B.—Half, 4 in. bit, scored head, w't per doz. 29 lbs. 13.00

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

POLISHED.

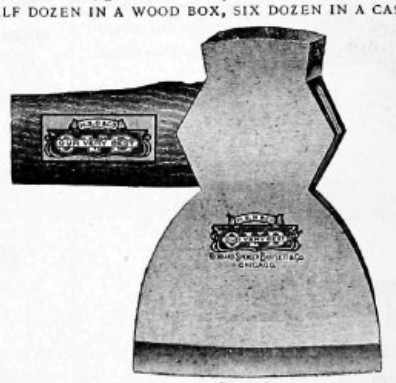


Shingling. Claw.

Extra Quality Forged Tool Steel, Full Polished and Etched, with Select White Second Growth Hickory Handle.

No. 1 O.V.B.—Shingling, 3½ in. bit, w't per doz. 20 lbs. per dozen $10.50
No. 2 O.V.B.—Shingling, 4 in. bit, w't per doz. 26 lbs. " 11.00
No. 3 O.V.B.—Shingling, 4½ in. bit, w't per doz. 31 lbs. " 11.50
No. 1 O.V.B.—Claw, 3½ in. bit, w't per doz. 22 lbs. " 11.50
No. 2 O.V.B.—Claw, 4 in. bit, w't per doz. 24 lbs. " 12.00
No. 3 O.V.B.—Claw, 4½ in. bit, w't per doz. 29 lbs. " 12.50

HALF DOZEN IN A WOOD BOX, SIX DOZEN IN A CASE.

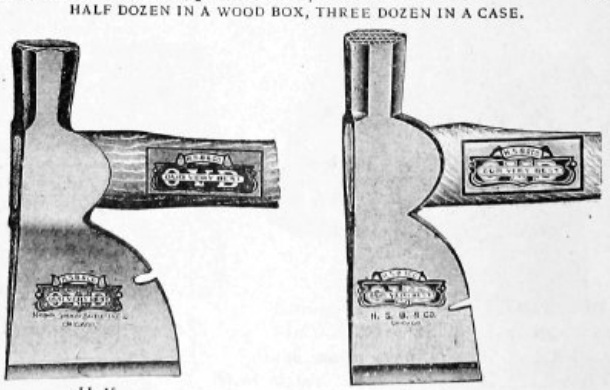


Broad.

Extra Quality Forged Tool Steel Single Bevel, Full Polished and Etched, with Select White Second Growth Hickory Handle.

No. 1 O.V.B.—Broad, 4 in. bit, w't per doz. 25 lbs. . . . . per dozen $ 13.50
No. 2 O.V.B.—Broad, 4½ in. bit, w't per doz. 28 lbs. . . . . " 14.50
No. 3 O.V.B.—Broad, 5 in. bit, w't per doz. 35 lbs. . . . . " 17.00
No. 4 O.V.B.—Broad, 5½ in. bit, w't per doz. 38 lbs. . . . . " 18.50
No. 5 O.V.B.—Broad, 6 in. bit, w't per doz. 44 lbs. . . . . " 20.50
No. 6 O.V.B.—Broad, 6½ in. bit, w't per doz. 50 lbs. . . . . " 23.00

HALF DOZEN IN A WOOD BOX, THREE DOZEN IN A CASE.



Half. Lath.

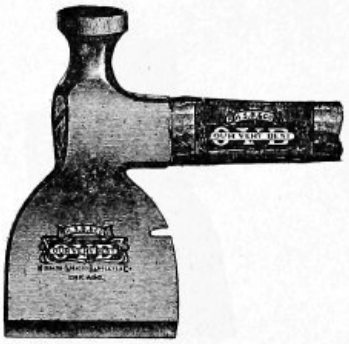
Extra Quality Forged Tool Steel, Full Polished and Etched, with Select White Second Growth Hickory Handle.

No. 1 O.V.B.—Half, 3¼ in. bit, w't per doz. 21 lbs. . . . per dozen $11.00
No. 2 O.V.B.—Half, 3⅝ in. bit, w't per doz. 26 lbs. . . . " 11.50
No. 3 O.V.B.—Half, 4 in. bit, w't per doz. 30 lbs. . . . . " 12.00
No. 0 O.V.B.—Lath, 2 in. bit, w't per doz. 17 lbs. . . . . " 10.00
No. 1 O.V.B.—Lath, 2¼ in. bit, w't per doz. 21 lbs. . . . . " 10.50
No. 2 O.V.B.—Lath, 2½ in. bit, w't per doz. 23 lbs. . . . . " 11.00
No. 3 O.V.B.—Lath, 2¾ in. bit, w't per doz. 24 lbs. . . . . " 11.50

HALF DOZEN IN A WOOD BOX, SIX DOZEN IN A CASE.

"OUR VERY BEST" HATCHETS.

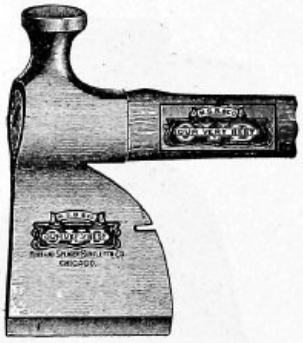
SHINGLING.



No. 110 OVB—3½ in. bit, extra quality forged tool steel, adze eye, bell poll, full polished and etched, with select white second growth hickory handle, w't per doz. 22 lbs.....per dozen $15.00

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

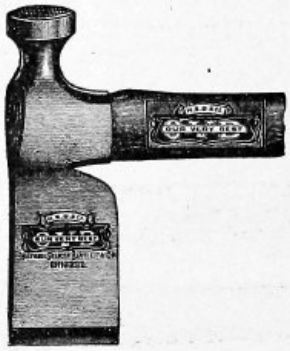
HALF.



No. 120 OVB—3⅜ in. bit, extra quality forged tool steel, adze eye, bell poll, full polished and etched, with select white second growth hickory handle, w't per doz. 20½ lbs.. ....per dozen $15.00

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

LATH.



No. 130 OVB—Scored head, 2¼ in. bit, extra quality forged tool steel, adze eye, bell poll, full polished and etched, with select white second growth hickory handle, w't per doz. 18¼ lbs., per dozen..... $15.00

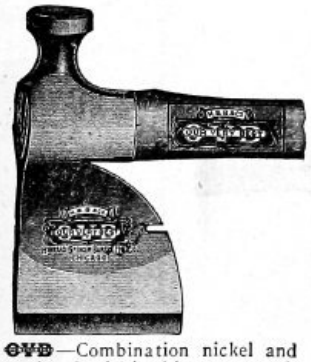
HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

SHINGLING.

No. 10 OVB—Combination nickel and and copper plated, 3½ in. bit, extra quality forged tool steel, adze eye, bell poll, handsomely copper plated and etched, bit nickel plated, with select white second growth hickory handle, w't per doz. 22 lbs.....per dozen $21.00

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

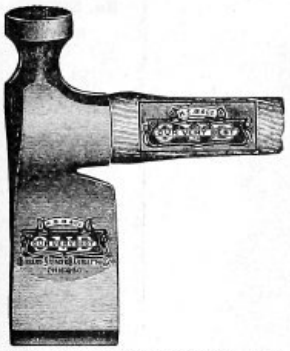
HALF.



No. 20 OVB—Combination nickel and copper plated, 3⅜ in. bit, extra quality forged tool steel, adze eye, bell poll, handsomely copper plated and etched, bit nickel plated, with select white second growth hickory handle, w't per doz. 20½ lbs.. ....per dozen $21.00

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

LATH.



No. 30 OVB—Combination nickel and copper plated, scored head, 2¼ in. bit, extra quality, forged tool steel, adze eye, bell poll, handsomely copper plated and etched, bit nickel plated, with select white second growth hickory handle, w't per doz. 18¼ lbs., per dozen..... $21.00

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

LATH.

Extra Quality Forged Tool Steel, with Select White Second Growth Hickory Handle.

No. 85 OVB—2⅛ in. bit, 9 row, 1¼×1¼ in. head, 81 points, full polished and etched, w't per doz. 18½ lbs.....per dozen $16.50

No. 86 OVB—2⅛ in. bit, 10 row, 1⅜×1⅜ in. head, 100 points, full polished and etched, w't per doz. 20 lbs. per dozen 17.50

No. 88 OVB—2⅛ in. bit, 9 row, 1¼×1¼ in. head, 81 points, handsomely nickel plated, w't per doz. 19 lbs. .....per dozen 18.50

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

No. 100 OVB—Extra quality forged tool steel, full polished and etched, Boston pattern, with select white second growth hickory handle, 2⅛ in. bit, 8 row, 1⅛×1⅛ in. head, 64 points, w't per doz. 20 lbs.....per dozen $18.00

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

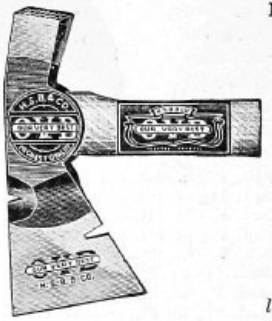
LATHING OR BOXING.

No. 84 OVB—2⅛ in. bit, 1¼×1¼ in. head, 225 points, slightly rounded face, extra quality forged tool steel, full polished and etched, with select white second growth hickory handle, w't per doz. 17 lbs., per dozen.....$21.00

This hatchet is especially adapted for fruit packers and can also be used as a lath hatchet.

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

BRONZED PRODUCE.



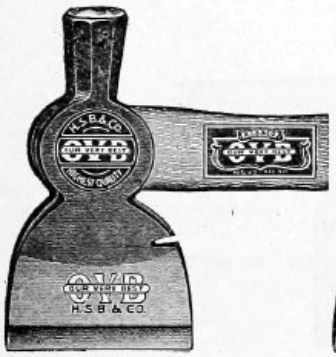
No. P OVB—Extra quality forged tool steel, rich gold bronzed body, polished bit, square checkered head, two nail slots in blade, with select white second growth hickory handle, 2¼ in. bit, w't per doz. 21 lbs. per dozen $9.50

An ideal tool for light boxes or crates.

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

HATCHETS.

"OUR VERY BEST" BRONZED.



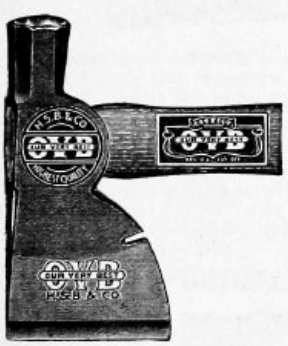
Shingling.

Claw.

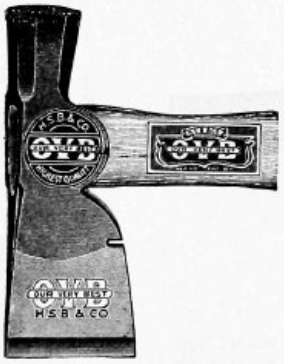
Extra Quality Forged Tool Steel, Rich Gold Bronzed Body, Polished Face and Bit, with Select White Second Growth Hickory Handle.

No. 1 OVB	—Shingling, 3½ in. bit, w't per doz. 20 lbs...	per dozen	$ 8.00
No. 2 OVB	—Shingling, 4 in. bit, w't per doz. 26 lbs...	"	8.50
No. 3 OVB	—Shingling, 4½ in. bit, w't per doz. 31 lbs...	"	9.00
No. 1 OVB	—Claw, 3½ in. bit, w't per doz. 22 lbs...	"	9.00
No. 2 OVB	—Claw, 4 in. bit, w't per doz. 24 lbs...	"	9.50
No. 3 OVB	—Claw, 4½ in. bit, w't per doz. 29 lbs...	"	10.00

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.



Half.



Lath.

Extra Quality Forged Tool Steel, Rich Gold Bronzed Body, Polished Face and Bit, with Select White Second Growth Hickory Handle.

No. 1 OVB	—Half, 3¼ in. bit, w't per doz. 21 lbs.....	per dozen	$8.50
No. 2 OVB	—Half, 3⅝ in. bit, w't per doz. 26 lbs.....	"	9.00
No. 0 OVB	—Lath, 2 in. bit, w't per doz. 16 lbs.....	"	7.50
No. 1 OVB	—Lath, 2¼ in. bit, w't per doz. 21 lbs.....	"	8.00
No. 2 OVB	—Lath, 2½ in. bit, w't per doz. 23 lbs.....	"	8.50

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

Extra Quality Forged Tool Steel, Rich Gold Bronzed Body, Polished Face and Bit, with Select White Second Growth Hickory Handle.

			PER DOZEN
No. 1 OVB	—Broad, 4 in. bit, *single bevel*, w't per doz. 25 lbs.		$10.50
No. 2 OVB	—Broad, 4½ in. bit, *single bevel*, w't per doz. 28 lbs.		11.50
No. 3 OVB	—Broad, 5 in. bit, *single bevel*, w't per doz. 35 lbs.		13.00
No. 4 OVB	—Broad, 5½ in. bit, *single bevel*, w't per doz. 38 lbs.		14.50
No. 5 OVB	—Broad, 6 in. bit, *single bevel*, w't per doz. 44 lbs.		16.50
No. D2 OVB	—Broad, 4½ in. bit, *double bevel*, w't doz. 28 lbs. .		11.50
No. D3 OVB	—Broad, 5 in. bit, *double bevel*, w't doz. 35 lbs. .		13.00
No. D4 OVB	—Broad, 5½ in. bit, *double bevel*, w't doz. 38 lbs. .		14.50
No. D5 OVB	—Broad, 6 in. bit, *double bevel*, w't doz. 44 lbs..		16.50

HALF DOZEN IN A WOOD BOX. SIX DOZEN IN A CASE.

"REV-O-NOC" HAND MADE.

Shingling.

Claw.

Hand Made, Extra Tool Steel, Black Finish, Polished Face and Bevel, with Select White Hickory Handle.

No. 1 REVONOC	—Shingling, 3½ in. bit, w't per doz. 20 lbs..	per dozen	$ 8.00
No. 2 REVONOC	—Shingling, 4 in. bit, w't per doz. 26 lbs..	"	8.50
No. 3 REVONOC	—Shingling, 4½ in. bit, w't per doz. 31 lbs..	"	9.00
No. 1 REVONOC	—Claw, 3½ in. bit, w't per doz. 22 lbs..	"	9.00
No. 2 REVONOC	—Claw, 4 in. bit, w't per doz. 24 lbs..	"	9.50
No. 3 REVONOC	—Claw, 4½ in. bit, w't per doz. 29 lbs..	"	10.00

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

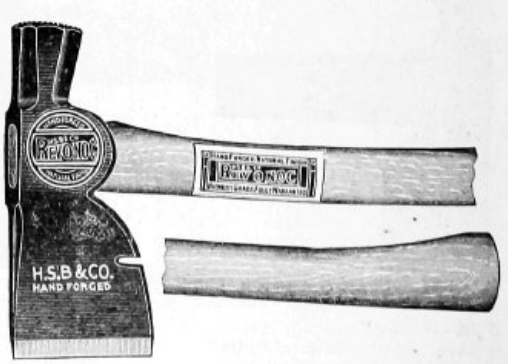
Half.

Broad.

Hand Made, Extra Tool Steel, Black Finish, Polished Face and Bevel, with Select White Hickory Handle.

No. 1 REVONOC	—Half, 3¼ in. bit, w't per doz. 21 lbs.	per dozen	$ 8.50
No. 2 REVONOC	—Half, 3⅝ in. bit, w't per doz. 26 lbs....	"	9.00
No. 2 REVONOC	—Broad, 4½ in. bit, w't per doz. 28 lbs....	"	11.50
No. 3 REVONOC	—Broad, 5 in. bit, w't per doz. 35 lbs....	"	13.00
No. 4 REVONOC	—Broad, 5½ in. bit, w't per doz. 38 lbs....	"	14.50
No. 5 REVONOC	—Broad, 6 in. bit, w't per doz. 44 lbs....	"	16.50

HALF, HALF DOZEN IN A BOX. SIX DOZEN IN A CASE. BROAD, HALF DOZEN IN A BOX. THREE DOZEN IN A CASE.



No. 32 REVONOC—Derrick, hand made, extra tool steel, **black finish**, polished head and bevel, with select white hickory handle, **3 in.** bit, with shoulder for starting nails, 18 in. handle, w't per doz. 32 lbs.....per dozen **$12.00**

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

HATCHETS.

MARICOPA.

Shingling.

Half.

Forged Steel, Fire Bronzed Body, Polished Head and Bit, with Hickory Handle.

No. 1—Shingling,	3½	in. bit, w't per doz. 20 lbs..... per dozen	$ 8.00
No. 2—Shingling,	4	in. bit, w't per doz. 26 lbs..... "	8.50
No. 1—Half,	3¼	in. bit, w't per doz. 21 lbs..... "	8.50
No. 2—Half,	3⅝	in. bit, w't per doz. 26 lbs..... "	9.00

HALF DOZEN IN A BOX, SIX DOZEN IN A CASE.

Lath.

Claw.

Forged Steel, Fire Bronzed Body, Polished Head and Bit, with Hickory Handle.

No. 1—Lath,	2¼	in. bit, w't per doz. 16 lbs..... per dozen	$8.00
No. 2—Lath,	2½	in. bit, w't per doz. 21 lbs..... "	8.50
No. 1—Claw,	3½	in. bit, w't per doz. 22 lbs..... "	9.00
No. 2—Claw,	4	in. bit, w't per doz. 24 lbs..... "	9.50
No. 3—Claw,	4½	in. bit, w't per doz. 29 lbs..... "	10.00

HALF DOZEN IN A BOX, SIX DOZEN IN A CASE.

Forged Steel, Fire Bronzed Body, Polished Head and Bit, with Hickory Handle.

No. 2—Broad,	4½	in. bit, w't per doz. 28 lbs..... per dozen	$11.50
No. 3—Broad,	5	in. bit, w't per doz. 35 lbs..... "	13.00
No. 4—Broad,	5½	in. bit, w't per doz. 38 lbs..... "	14.50
No. 5—Broad,	6	in. bit, w't per doz. 44 lbs..... "	16.50

HALF DOZEN IN A BOX, THREE DOZEN IN A CASE.

"CRUSO."

Shingling.

Half.

Converted Cast Steel, Silver Bronzed Body, Polished Head and Bit, with Hickory Handle.

No. 1—Shingling,	3½	in. bit, w't per doz. 20 lbs..... per dozen	$ 8.00
No. 2—Shingling,	4	in. bit, w't per doz. 26 lbs..... "	8.50
No. 3—Shingling,	4½	in. bit, w't per doz. 31 lbs..... "	9.00
No. 1—Half,	3¼	in. bit, w't per doz. 21 lbs.....	8.50
No. 2—Half,	3⅝	in. bit, w't per doz. 26 lbs.....	9.00

HALF DOZEN IN A BOX, SIX DOZEN IN A CASE.

Claw.

Converted Cast Steel, Silver Bronzed Body, Polished Head and Bit, with Hickory Handle.

No. 1—Claw,	3½	in. bit, w't per doz. 22 lbs..... per dozen	$ 9.00
No. 2—Claw,	4	in. bit, w't per doz. 24 lbs..... "	9.50
No. 3—Claw,	4½	in. bit, w't per doz. 29 lbs..... "	10.00

HALF DOZEN IN A BOX, SIX DOZEN IN A CASE.

CAST IRON.

Shingling.

Claw.

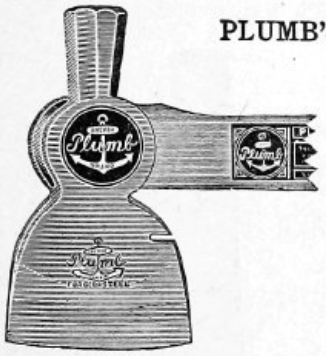
Cast Iron, Bronzed Body, Polished Head and Bit, with Hickory Handle.

No. 1—Shingling,	3	in. bit, w't per doz. 10 lbs..... per dozen	$ 2.00
No. 2—Shingling,	3½	in. bit, w't per doz. 15 lbs..... "	2.50
No. 1—Claw,	3	in. bit, w't per doz. 14 lbs..... "	3.00
No. 2—Claw,	3½	in. bit, w't per doz. 18 lbs..... "	3.50

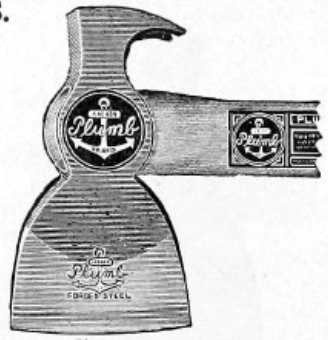
HALF DOZEN IN A BOX, TWELVE DOZEN IN A CASE.

HATCHETS.

PLUMB'S.



Shingling.

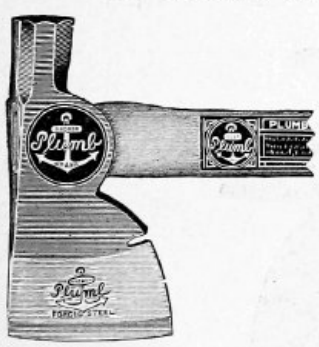


Claw.

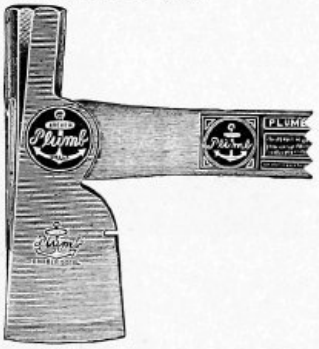
Forged Steel, Gold Bronzed Body, Polished Head and Bit, with White Hickory Handle.

No. 1—Shingling,	3½	in. bit, w't per doz. 20 lbs.....	per dozen	$ 8.00
No. 2—Shingling,	4	in. bit, w't per doz. 26 lbs.....	"	8.50
No. 3—Shingling,	4½	in. bit, w't per doz. 31 lbs.....	"	9.00
No. 1—Claw,	3½	in. bit, w't per doz. 22 lbs.....	"	9.00
No. 2—Claw,	4	in. bit, w't per doz. 24 lbs.....	"	9.50
No. 3—Claw,	4½	in. bit, w't per doz. 29 lbs.....	"	10.00

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.



Half.



Lath.

Forged Steel, Gold Bronzed Body, Polished Head and Bit, with White Hickory Handle.

No. 1—Half,	3¼	in. bit, w't per doz. 21 lbs.....	per dozen	$8.50
No. 2—Half,	3⅝	in. bit, w't per doz. 26 lbs.....	"	9.00
No. 0—Lath,	2	in. bit, w't per doz. 16 lbs.....	"	7.50
No. 1—Lath,	2¼	in. bit, w't per doz. 21 lbs.....	"	8.00
No. 2—Lath,	2½	in. bit, w't per doz. 23 lbs.....	"	8.50
No. 3—Lath,	2¾	in. bit, w't per doz. 24 lbs.....	"	9.00

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

Broad.

Forged Steel, Gold Bronzed Body, Polished Head and Bit, with White Hickory Handle.

				PER DOZEN.
No. 2	—Broad, 4½	in. bit, single	bevel, w't per doz. 28 lbs.....	$11.50
No. 3	—Broad, 5	in. bit, single	bevel, w't per doz. 35 lbs.....	13.00
No. 4	—Broad, 5½	in. bit, single	bevel, w't per doz. 38 lbs.....	14.50
No. 5	—Broad, 6	in. bit, single	bevel, w't per doz. 44 lbs.....	16.50
No. 6	—Broad, 6½	in. bit, single	bevel, w't per doz. 50 lbs.....	18.00

HALF DOZEN IN A BOX. THREE DOZEN IN A CASE.

LATH.

Henry Beneke's.

Underhill Bros.

Cast Steel, Full Polished and Etched with White Hickory Handle.

No. 90—HENRY BENEKE'S, 2⅛ in. bit, 1¼×1¼ in. head, 9 row, 81 points, w't per doz. 16 lbs.....per dozen $16.50

No. 60—UNDERHILL BROS. BOSTON STAR, 2 in. bit, $1\frac{3}{16}\times1\frac{3}{16}$ in. head, 8 row, 64 points, regular pattern, w't per doz. 15 lbs., per dozen 30.00

No. 80—UNDERHILL BROS. BOSTON STAR, 2 in. bit, $1\frac{5}{16}\times1\frac{5}{16}$ in. head, 9 row, 81 points, Chicago pattern, w't per doz. 16 lbs., per dozen 32.00

No. 75—UNDERHILL BROS. BOSTON STAR, 2 in. bit, $1\frac{7}{16}\times1\frac{7}{16}$ in. head, 10 row, 100 points, St. Louis pattern, w't per doz. 17 lbs.....per dozen 34.00

HALF DOZEN IN A BOX.

MISCELLANEOUS.

Half.

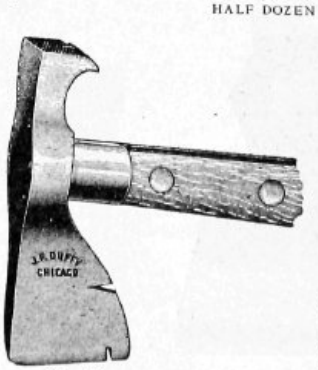
Claw.

GERMANTOWN, Forged Steel, Polished and Copper Bronzed, Octagon Neck.

		PER DOZEN
No. 318	—Half, 3½ in. bit, *smooth* head, w't per doz. 26 lbs....	$17.00
No. 318½	—Half, 3¾ in. bit, *smooth* head, w't per doz. 29 lbs....	18.00
No. 0318	—Half, 3½ in. bit, *scored* head, w't per doz. 26 lbs....	18.00
No. 0318½	—Half, 3¾ in. bit, *scored* head, w't per doz. 29 lbs....	19.00

No. 200 —BLACK EAGLE, claw, all steel, riveted, 3½ in. bit, hollow steel handle, oil tempered blade, black enameled body, polished head and bit, w't per doz. 19 lbs.....per dozen 6.00

HALF DOZEN IN A BOX.



No. 17.

No. 16.

No. 17—DUFFY'S BARREL, 2¼ in. bit, cast steel, scored head, with claw, steel tang, securely riveted to handle, head and ferrule nickel plated and polished, w't per doz. 20 lbs.....per dozen $33.00

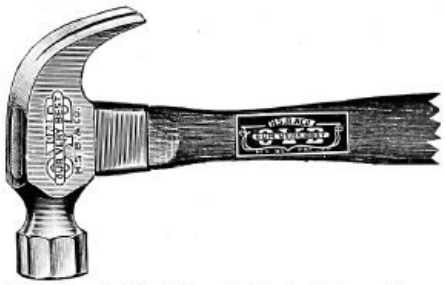
No. 16—PLUMB'S WAREHOUSE, 3⅞ in. polished bit, scored head, forged steel body and handle with claw, painted black, w't per doz. 37 lbs.....per dozen 17.00

HALF DOZEN IN A BOX.

OVB HAMMERS.

The heads are forged from one piece of the best crucible steel and receive more blows in forging than practically any competitive brand, making the steel tougher. They are tempered in brine, making the face very hard. The hammers are then tested by striking the face and claws several sharp blows, which they must stand without showing a mark. The handles are of finest white hickory, smoothly finished and waxed, and are extra full size, giving a firm grip.

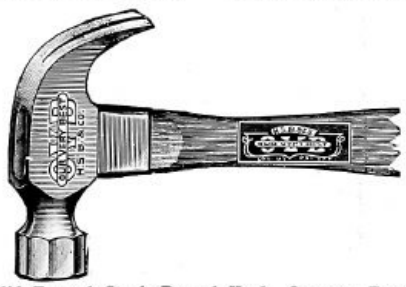
OVB ADZE EYE NAIL.



Solid Forged Steel, Round Neck, Octagon Face, Full Burnished Nickel Plated Head, Cherry Stained, Hand Rubbed, Best Second Growth White Hickory Handle.

Nos.	421½	422
W't less hdl	17	14 oz.
W't per doz	20	16 lbs.
Per dozen	$15.00	14.00

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.



Solid Forged Steel, Round Neck, Octagon Face, Burnished Nickel Plated Head, with Select Second Growth White Hickory Handle.

Nos.	221½	222
W't less hdl.	17	14 oz.
W't per doz.	20	16 lbs.
Per dozen	$12.00	11.00

HALF DOZEN IN A BOX SIX DOZEN IN A CASE.

OVB ADZE EYE RIPPING.

Solid Forged Steel, Plain Poll, Polished, With Select White Hickory Handle.

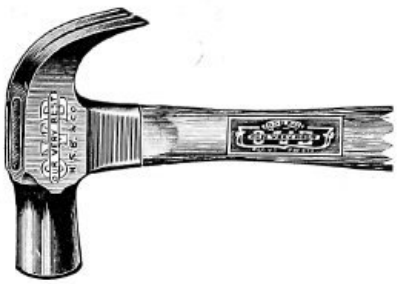
Numbers	R1	R1½	R2
W't less hdl	20	16	13 oz.
W't per doz	20	18	14 lbs.
Per dozen	$9.00	8.50	8.00

Solid Forged Steel, Bell Face, Polished, With Select White Hickory Handle.

Numbers	R11	R11½	R12
W't less hdl	20	16	13 oz.
W't per doz	20	18	14 lbs.
Per dozen	$9.00	8.50	8.00

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

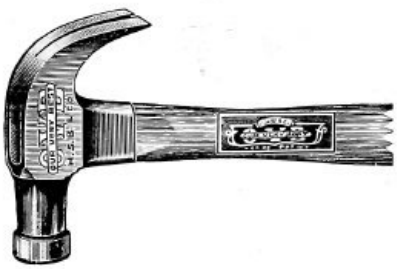
OVB ADZE EYE NAIL.



Solid Forged Steel, Plain Poll, Polished, with Select White Hickory Handle.

Nos.	0	1	1½	2	3
W't less hdl.	28	20	16	13	7 oz.
W't per doz.	26	20	18	14	9½ lbs.
Per dozen	$12.50	9.00	8.50	8.00	7.50

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

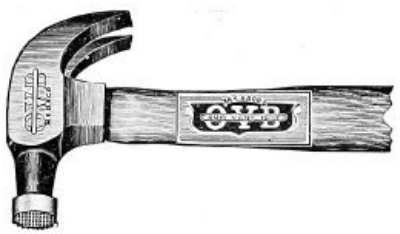


Solid Forged Steel, Bell Face, Polished, with Select White Hickory Handle.

Nos.	11	11½	12	13	14
W't less hdl.	20	16	13	7	4 oz.
W't per doz.	20	18	14	9½	6 lbs.
Per dozen	$9.00	8.50	8.00	7.50	7.25

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

OVB A. E. CHECKERED NAIL.



No. C11½ OVB —16 oz., solid forged steel, checkered bell face, polished, with select white hickory handle, w't per doz. 18 lbs. ..... per dozen $9.50

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

OVB PLAIN EYE BRAD.

No. B3 OVB —3 oz., solid forged steel, polished, with select white hickory handle, w't per doz. 4 lbs. ... per dozen $6.00

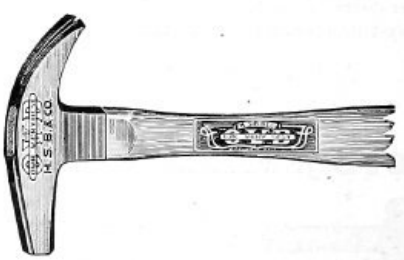
ONE DOZEN IN A BOX. SIX DOZEN IN A CASE.

OVB FARRIERS'.

No. F3 OVB —7 oz., *plain eye*, solid forged steel, round poll, polished, with select white hickory handle, w't per doz. 8 lbs., per dozen $6.25

No. F2 OVB —7 oz., *adze eye*, solid forged steel, round poll, polished, with select white hickory handle, w't per doz. 9 lbs., per dozen $7.50

HALF DOZEN IN A BOX.

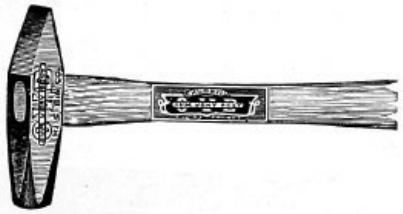


No. F1 OVB —12 oz., *adze eye*, solid forged steel, Boston pattern, polished, with select white hickory handle, w't per doz. 14 lbs. ..... per dozen $9.00

HALF DOZEN IN A BOX.

HAMMERS.

GVB RIVETING.



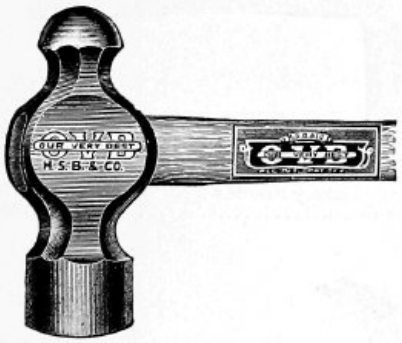
Solid Forged Steel, Plain Eye, Polished, with Select White Hickory Handle.

Nos	0	1	2	3	
W't less hdl.	4	7	9	12	oz.
W't per doz.	4	7½	10	13	lbs.
Per dozen	$5.50	5.75	6.00	6.25	

Nos	4	5	6	
W't less hdl.	15	18	22	oz.
W't per doz.	15	17	21	lbs.
Per dozen	$6.50	7.00	7.50	

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

GVB MACHINISTS'.



Solid Forged Steel, Ball Pein, Polished Ball, Sides, and Poll, Octagon Pattern, with Select White Hickory Handle.

Nos	4-0	3-0	2-0	0	
W't less hdl.	6	8	12	16	oz.
W't per doz.	7	10	13	16	lbs.
Per dozen	$12.00	12.00	12.00	12.50	

Nos	1	2	3	
W't less hdl.	20	24	28	oz.
W't per doz.	21	24	27	lbs.
Per dozen	$13.50	14.50	15.50	

Nos	4	5	6	
W't less hdl.	2	2¼	2½	lbs.
W't per doz.	30	33	38	lbs.
Per dozen	$16.50	17.50	19.00	

ONE-THIRD DOZEN IN A BOX. SIX DOZEN IN A CASE.

GVB JEWELERS' BALL PEIN.

Solid Forged Steel, Full Nickel Plated, Octagon Pattern, with Select White Hickory Handle.

No. 6-0 GVB—W't less handle 3 oz., w't per dozen 5 lbs.....per dozen $12.00

HALF DOZEN IN A BOX.

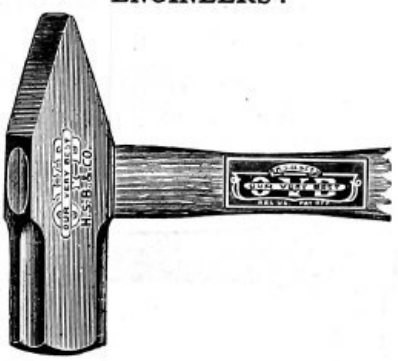
GVB BLACKSMITHS' HAND.

Solid Forged Steel, Cross Pein, Polished, with Select White Hickory Handle.

Nos	1	2	3	
W't less hdl.	2	2⅝	3	lbs.
W't per doz.	30	35	40	lbs.
Per dozen	$14.00	15.00	16.00	

ONE-THIRD DOZEN IN A BOX. SIX DOZEN IN A CASE.

GVB PLOW OR ENGINEERS'.

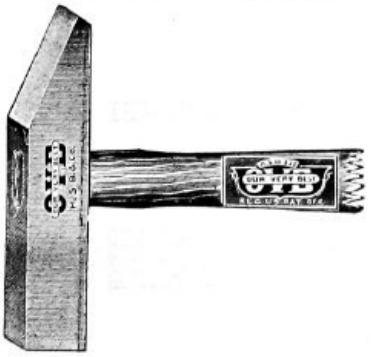


Solid Forged Steel, Cross Pein, Polished, with Select White Hickory Handle.

Nos	0	1	2	3	
W't less hdl.	1⅛	1⅝	2	2½	lbs.
W't per doz.	18	24	29	35	lbs.
Per dozen	$12.00	13.00	14.00	15.00	

ONE-THIRD DOZEN IN A BOX. SIX DOZEN IN A CASE.

GVB TINNERS' PANEING.



Solid Forged Steel, Square Face, Cross Pein, Full Polished, with Select White Hickory Handle.

No. T2 GVB—⅞ in. face, w't less handle 12 oz., w't per dozen 14 lbs., per dozen $6.25

No. T3 GVB—1 in. face, w't less handle 1 lb., w't per doz. 17 lbs...per dozen 6.75

HALF DOZEN IN A BOX.

GVB PROSPECTING OR "CATHEAD" DRILL.

Solid Forged Steel, Polished, with Select White Hickory Handle.

No. P1 GVB—W't less handle, 1⅜ lbs., w't per doz. 21 lbs.....per dozen $14.00

No. P2 GVB—W't less handle, 1¾ lbs., w't per doz. 27 lbs.....per dozen 15.00

ONE-THIRD DOZEN IN A BOX.

GVB BRICK.

No. 20.

No. 20 GVB—2 lbs., *adze eye*, solid forged steel, polished, with select white hickory handle, w't per doz. 26 lbs., per doz. $15.00

No. 22 GVB—2 lbs., *plain eye*, Chicago pattern, solid forged steel, polished, with select white hickory handle, w't per doz. 24 lbs.....per dozen 13.00

HALF DOZEN IN A BOX.

GVB ADZE EYE PROSPECTING PICKS.

Solid Forged Steel, Polished, with Select White Hickory Handle.

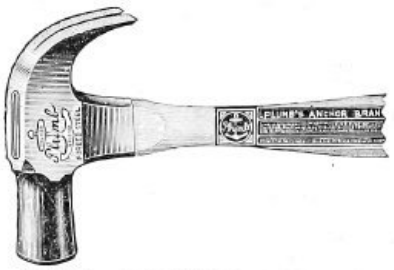
No. PP1 GVB—W't less handle, 1 lb., w't per doz. 20 lbs.....per dozen $15.00

No. PP2 GVB—W't less handle, 1½ lbs., w't per doz. 36 lbs....per dozen 16.00

HALF DOZEN IN A BOX.

HAMMERS.

PLUMB'S ADZE EYE NAIL.

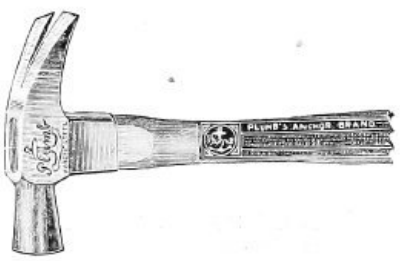


Solid Forged Steel, Plain Poll, Regular Claw, Polished.

Nos.	170	171	172
W't less hdl.	28	20	16 oz.
W't per doz.	26	20	18 lbs.
Per dozen	$12.50	9.00	8.50

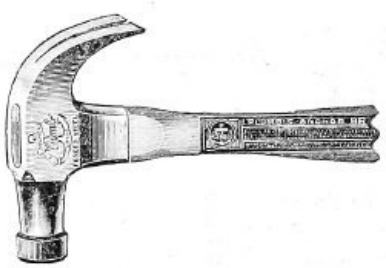
Nos.	173	174
W't less hdl.	13	7 oz.
W't per doz.	14	9½ lbs.
Per dozen	$8.00	7.50

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.



No. 76—Solid forged steel, plain poll, straight claw, polished, w't less hdl. 16 oz., w't per doz. 18 lbs., per dozen $8.50

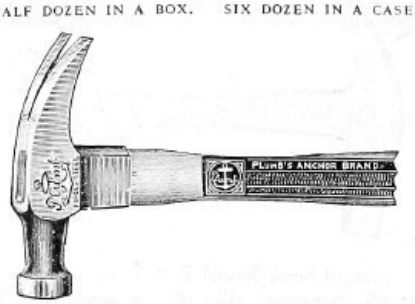
HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.



Solid Forged Steel, Bell Face, Regular Claw, Polished.

Nos.	80	81	82	83
W't less hdl	20	16	13	7 oz.
W't per doz.	20	18	14	9½ lbs.
Per dozen	$9.00	8.50	8.00	7.50

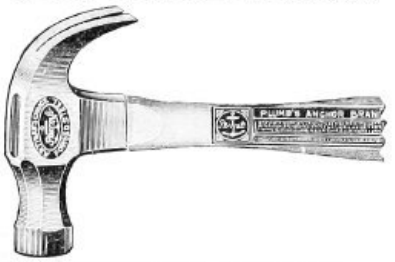
HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.



No. 86—Solid forged steel, bell face, straight claw, polished, w't less hdl. 16 oz., w't per doz. 18 lbs. . . . per dozen $8.50

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

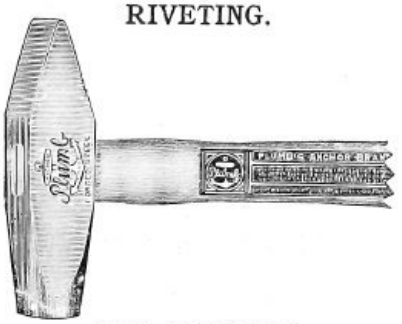
PLUMB'S ADZE EYE NAIL.



No. 21—Extra tool steel, octagon neck, round face, nickel plated, w't less hdl. 17 oz., w't per doz. 20 lbs. . . . . per dozen $13.50

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

PLUMB'S PLAIN EYE RIVETING.



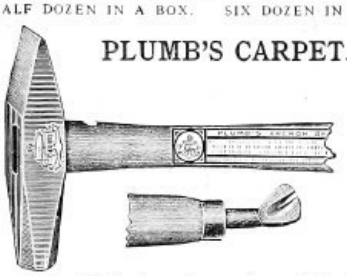
Forged Steel, Polished.

Nos.	251	252	253P
W't less hdl.	7	9	12 oz.
W't per doz.	7½	10	13 lbs.
Per dozen	$5.75	6.00	6.25

Nos.	254	255	256
W't less hdl.	15	18	22 oz.
W't per doz.	15	17	21 lbs.
Per dozen	$6.50	7.00	7.50

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

PLUMB'S CARPET.



No. 160—Solid forged steel, polished, hickory handle, steel claw, w't less hdl 4 oz., length 11½ in., w't per doz. 5 lbs., per dozen $5.50

ONE DOZEN IN A BOX.

PLUMB'S PLAIN EYE FARRIERS'.

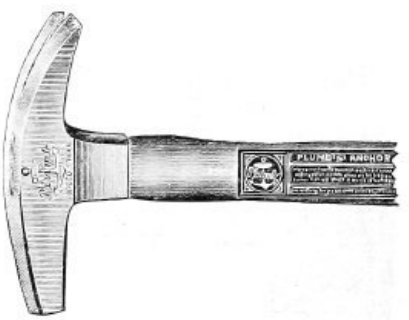
No. 183—Solid forged steel, polished, round poll, w't less hdl 7 oz., w't per doz. 8 lbs. . . . . per dozen $6.25

HALF DOZEN IN A BOX.

PLUMB'S ADZE EYE FARRIERS'.

No. 182—Solid forged steel, polished, round poll, w't less hdl 7 oz., w't per doz. 9 lbs. . . . . per dozen $7.50

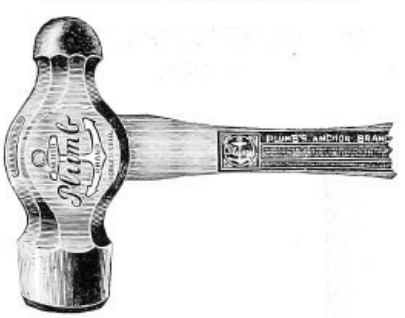
HALF DOZEN IN A BOX.



No. 171F—Solid forged steel, polished, Boston pattern, w't less hdl 12 oz., w't per doz. 15 lbs. . . . . per dozen $9.00

HALF DOZEN IN A BOX.

PLUMB'S MACHINISTS'.



Solid Forged Steel, Ball Pein, Polished Ball and Face, Octagon Pattern.

Nos	370	371	372	373
W't less hdl.	6	8	12	16 oz.
W't per doz.	7	10	13	16 lbs.
Per dozen	$12.00	12.00	12.00	12.50

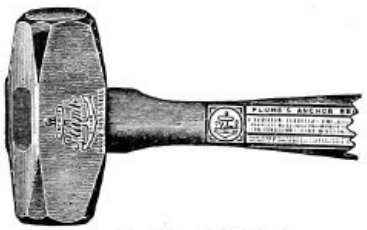
Nos	374	375	376
W't less hdl.	1¼	1½	1¾ lbs.
W't per doz.	21	24	27 lbs.
Per dozen	$13.50	14.50	15.50

Nos	377	378	379
W't less hdl.	2	2¼	2½ lbs.
W't per doz.	30	33	38 lbs.
Per dozen	$16.50	17.50	19.00

ONE-THIRD DOZEN IN A BOX. SIX DOZEN IN A CASE.

HAMMERS AND PROSPECTING PICKS.

PLUMB'S DRILL SHARPENING HAMMERS.



Extra Tool Steel, Polished.

No. 1—W't less hdl. 24 oz., w't per doz. 27 lbs. ..... per dozen $14.00
No. 2—W't less hdl. 32 oz., w't per doz. 30¼ lbs. ..... per dozen 15.00

ONE-THIRD DOZEN IN A BOX.

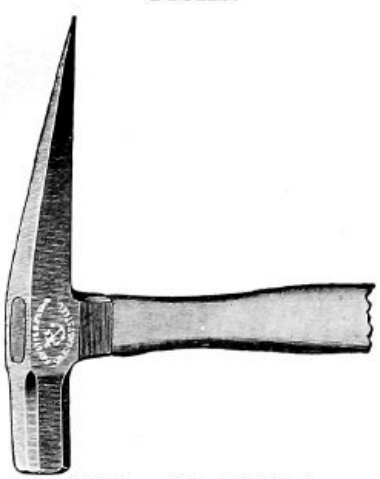
PLUMB'S PROSPECTING HAMMERS.

Solid Forged Steel, Polished.

No. 1—W't less hdl. 22 oz., w't per doz. 21 lbs. ..... per dozen $14.00
No. 2—W't less hdl. 28 oz., w't per doz. 26¼ lbs. ..... per dozen 15.00

ONE-THIRD DOZEN IN A BOX.

PLUMB'S PROSPECTING PICKS.



Solid Forged Steel, Polished.

No. 1—W't less hdl. 16 oz., w't per doz. 19½ lbs. ..... per dozen $15.00
No. 2—W't less hdl. 24 oz., w't per doz. 26¼ lbs. ..... per dozen 16.00

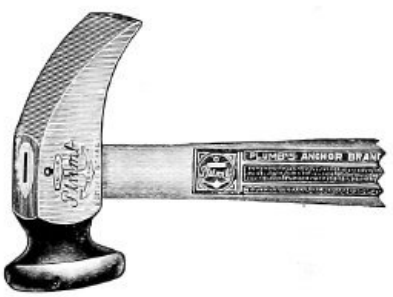
HALF DOZEN IN A BOX.

PLUMB'S BRICK HAMMERS.

No. 2—Solid forged steel, plain eye, Chicago patte n, oil finished, w't less hdl. 2 lbs., w't per doz. 26 lbs., per dozen $13.00

HALF DOZEN IN A BOX.

PLUMB'S SHOE HAMMERS.

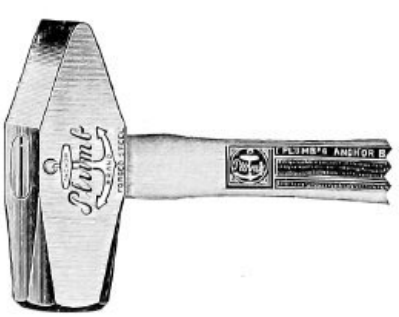


Solid Forged Steel, Polished, Black Neck.

Nos	453	454	455
W't less hdl.	11	13	15 oz.
W't per doz.	10	12	14 lbs.
Per dozen	$5.25	5.50	5.75

HALF DOZEN IN A BOX.

PLUMB'S BLACKSMITHS' HAND HAMMERS.

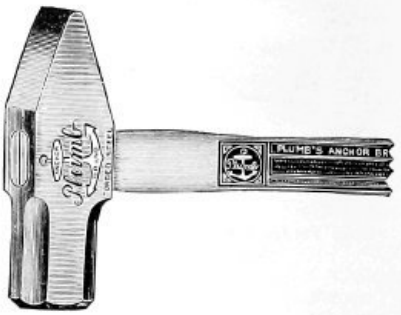


Solid Forged Steel, Polished.

Nos	281	282	283
W't less hdl.	32	42	48 oz.
W't per doz.	30	35	40 lbs.
Per dozen	$14.00	15.00	16.00

ONE-THIRD DOZEN IN A BOX. SIX DOZEN IN A CASE.

PLUMB'S PLOW OR ENGINEERS' HAMMERS.



Solid Forged Steel, Oil Finished.

Nos	0260	0261	0262	0263
W't less hdl.	18	26	32	40 oz.
W't per doz.	20	24	30	36 lbs.
Per dozen	$12.00	13.00	14.00	15.00

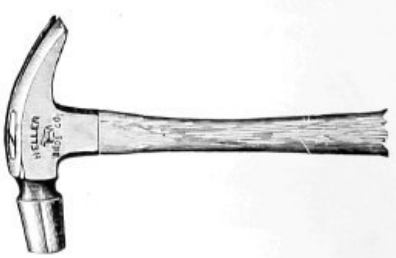
ONE-THIRD DOZEN IN A BOX. SIX DOZEN IN A CASE.

HELLER'S FARRIERS' DRIVING HAMMERS.

Forged Steel, Octagon Poll, Straw Color.

No. 64—Sizes	12	14	16 oz.
W't less hdl.	12	14	16 oz.
W't per doz.	11	12	13 lbs.
Per dozen	$12.00	12.00	12.00

HALF DOZEN IN A BOX.



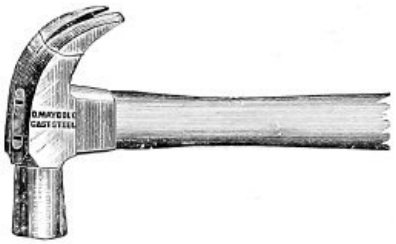
Forged Steel, Round Poll, Straw Color.

No. 65—Sizes	12	14	16 oz.
W't less hdl.	12	14	16 oz.
W't per doz.	11	12	13 lbs.
Per dozen	$15.00	15.00	15.00

HALF DOZEN IN A BOX.

HAMMERS.

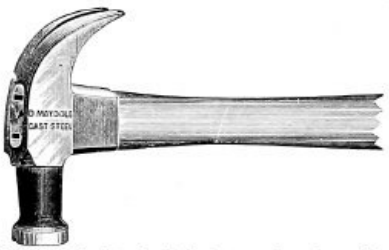
MAYDOLE'S A. E. NAIL.



Solid Forged Steel, Plain Poll, Regular Claw, Polished.

Nos	1	1½	2	3
W't less hdl.	20	16	13	7 oz.
W't per doz.	20	18	15	9 lbs.
Per dozen	$8.75	8.00	7.50	6.75

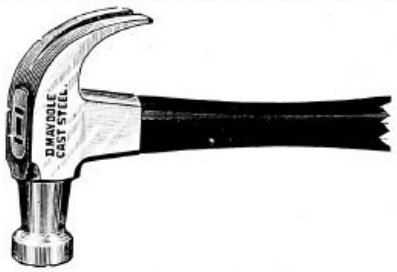
HALF DOZEN IN A BOX. TWELVE DOZEN IN A CASE.



Solid Forged Steel, Bell Face, Regular Claw, Polished.

Nos	11	11½	12	13
W't less hdl.	19	16	12	7 oz.
W't per doz.	19	17	14	8 lbs.
Per dozen	$8.75	8.00	7.50	6.75

HALF DOZEN IN A BOX. TWELVE DOZEN IN A CASE.

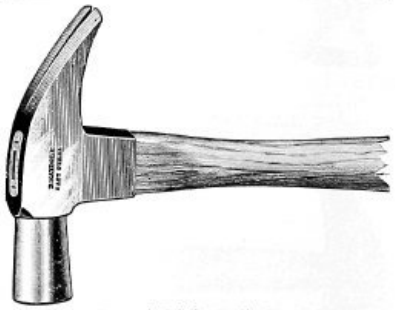


Solid Forged Steel, Bell Face, Nickel Plated, Ebonized Hickory Handle.

Nos	611½	612
W't less hdl.	16	12 oz.
W't per doz.	16	12 lbs.
Per dozen	$12.75	12.00

HALF DOZEN IN A BOX. TWELVE DOZEN IN A CASE.

MAYDOLE'S A. E. RIPPING.



Solid Forged Steel, Plain Poll, Straight Claw, Polished.

Nos	701	701½	702
W't less hdl.	20	16	13 oz.
W't per doz.	20	18	15 lbs.
Per dozen	$8.75	8.00	7.50

HALF DOZEN IN A BOX. TWELVE DOZEN IN A CASE.

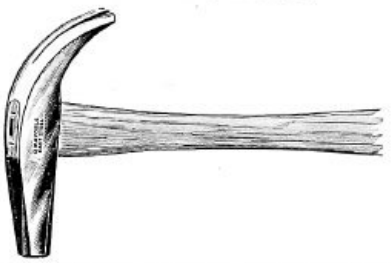
MAYDOLE'S A. E. RIPPING.

Solid Forged Steel, Bell Face, Straight Claw, Polished.

Nos	711	711½	712
W't less hdl.	19	16	12 oz.
W't per doz.	19	17	14 lbs.
Per dozen	$8.75	8.00	7.50

HALF DOZEN IN A BOX. TWELVE DOZEN IN A CASE

MAYDOLE'S BRAD.

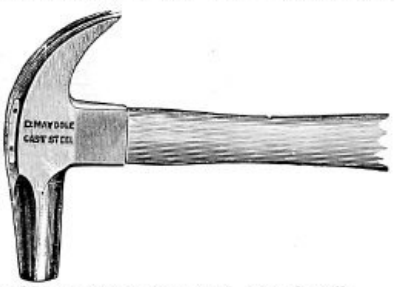


Solid Forged Steel, Plain Eye, Octagon, Polished.

Nos	226	227	228
W't less hdl.	4	3	2 oz.
W't per doz.	5	3¾	3⅛ lbs.
Per dozen	$5.25	5.00	4.80

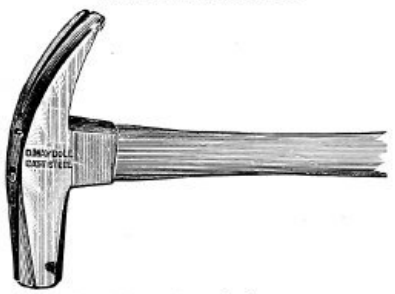
HALF DOZEN IN A BOX.

MAYDOLE'S A. E. FARRIERS'.



No. 253—Solid forged steel, round poll, polished, w't less hdl. 8 oz., w't per doz. 9 lbs. ..... per dozen $7.00

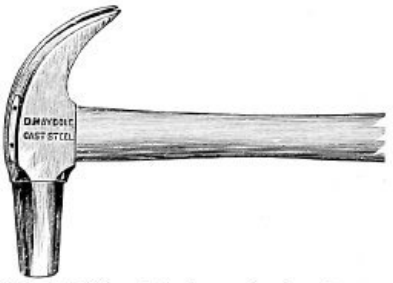
HALF DOZEN IN A BOX.



No. 152—Solid forged steel, Boston pattern, polished, w't less hdl. 10 oz., w't per doz. 11 lbs. ..... per dozen $8.00

HALF DOZEN IN A BOX.

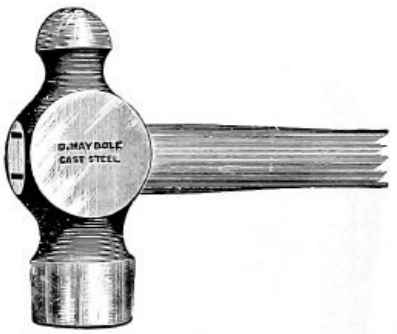
MAYDOLE'S P. E. FARRIERS'.



No. 55—Solid forged steel, round poll, polished, w't less hdl. 7 oz., w't per doz. 8 lbs. ..... per dozen $6.00

HALF DOZEN IN A BOX.

MAYDOLE'S MACHINISTS'.



Solid Forged Steel, Ball Pein, Polished Face, Sides and Pein.

Nos	70½	71	72
W't less hdl.	36	30	24 oz.
W't per doz.	35	29	26 lbs.
Per dozen	$17.00	15.00	13.50

Nos	73	74	75
W't less hdl.	20	16	13 oz.
W't per doz.	21	18	15 lbs.
Per dozen	$12.25	11.25	10.50

ONE-THIRD DOZEN IN A BOX. SIX DOZEN IN A CASE.

MAYDOLE'S RIVETING.

Solid Forged Steel, Polished, Plain Eye.

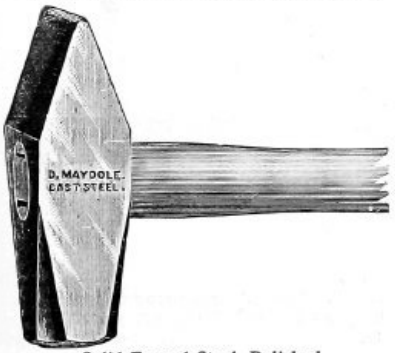
Nos	40	41	42
W't less hdl.	24	18	13 oz.
W't per doz.	22	17	12 lbs.
Per dozen	$8.50	7.25	6.00

Nos	43	44
W't less hdl.	7	4 oz.
W't per doz.	8	5 lbs.
Per dozen	$5.25	5.00

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

HAMMERS.

MAYDOLE'S ENGINEERS'.

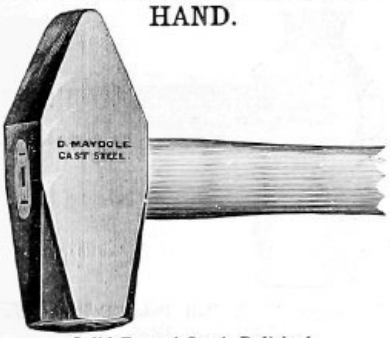


Solid Forged Steel, Polished.

Nos	91	92
W't less hdl	2¼	1¾ lbs.
W't per doz	32	26 lbs.
Per dozen	$13.00	12.00

ONE-THIRD DOZEN IN A BOX. SIX DOZEN IN A CASE.

MAYDOLE'S BLACKSMITHS' HAND.



Solid Forged Steel, Polished.

Nos	61	62
W't less hdl	3	2⅝ lbs.
W't per doz	44	37 lbs.
Per dozen	$15.00	14.00

ONE-THIRD DOZEN IN A BOX. SIX DOZEN IN A CASE.

CALUMET ADZE EYE NAIL.

No. 01½—16 oz., forged steel, plain poll, polished, hickory handle, w't per doz. 18 lbs. ..... per dozen $6.50

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

No. 011½—16 oz., forged steel, bell face, polished, hickory handle, w't per doz. 18 lbs ..... per dozen $6.50

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

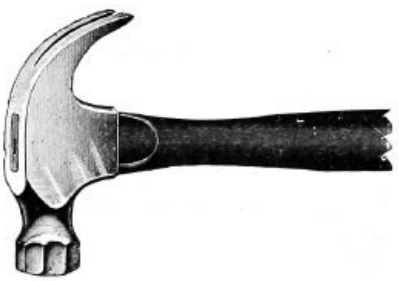
MARICOPA ADZE EYE NAIL.

Converted Steel, Bell Face, Black Finish, Polished Poll, with Hickory Handle.

Nos	M11½	M12	M13
W't less hdl	16	13	7 oz.
W't per doz	18	14	9½ lbs.
Per dozen	$5.50	5.00	4.50

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

CAST ADZE EYE NAIL.

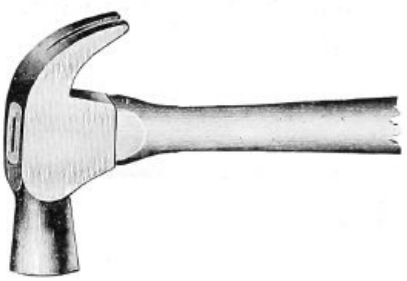


Cast Iron, Round Neck, Octagon Face, Nickel Plated, with Ebonized Handle.

No. 122—16 oz., w't per doz. 14 lbs., per dozen $3.00

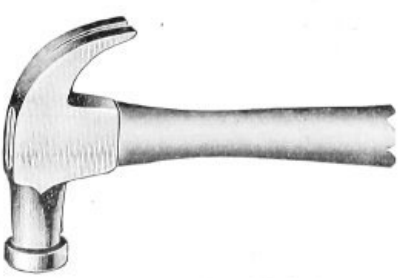
No. 102—13 oz., w't per doz. 6 lbs., per dozen 2.75

NO. 122 HALF DOZEN, NO. 102 ONE DOZEN IN A BOX.



No. 22—16 oz., cast iron, plain poll, nickel plated, varnished handle, w't per doz. 17 lbs. ..... per dozen $3.50

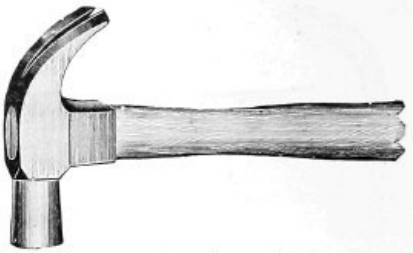
ONE DOZEN IN A BOX. SIX DOZEN IN A CASE.



No. 22½—16 oz., cast iron, bell face, nickel plated, varnished handle, w't per doz. 15 lbs. ..... per dozen $3.00

ONE DOZEN IN A BOX. SIX DOZEN IN A CASE.

CAST ADZE EYE NAIL.



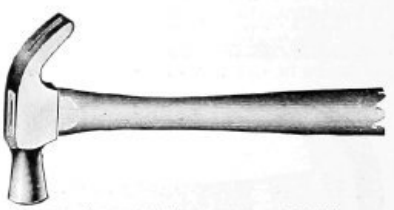
No. 113—16 oz., cast iron, plain poll, polished, varnished handle, w't per doz. 17 lbs. ..... per dozen $2.25

ONE DOZEN IN A BOX. SIX DOZEN IN A CASE.

HOUSEHOLD.

No. 50—Cast iron, polished head, hickory Handle, w't with handle 7 oz., w't per doz. 5¼ lbs. ..... per dozen $1.20

ONE DOZEN IN A BOX.



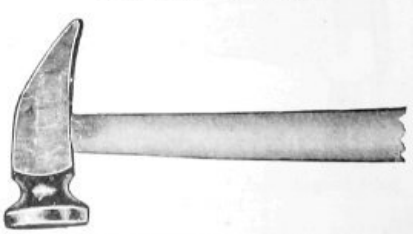
No. 60—Cast iron, nickel plated head, highly polished, hickory handle, w't with handle 5 oz., w't per doz. 4¼ lbs., per dozen $1.50

ONE DOZEN IN A BOX.

CAST SHOE.

No. 15—Japanned, polished face, w't 12 oz. with hdl., w't per doz. 9 lbs. ..per dozen $1.50

HALF DOZEN IN A BOX.



No. 1—Acme, w't 16 oz., with hdl. full polished, steel finish, w't per doz. 12 lbs. ..... per dozen $3.20

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

TACK HAMMERS.

No. 5—All iron bronzed, length 8 in., w't per doz. 5 lbs.....per dozen $0.65

ONE DOZEN IN A BOX. TWENTY-FOUR DOZEN IN A CASE.

No. 25—Polished iron, hickory handle, with claw, length 11 in., w't per doz. 3½ lbs.....per dozen $1.10

ONE DOZEN IN A BOX. TWENTY-FOUR DOZEN IN A CASE.

No. 200—HOUSEHOLD, solid steel, nickel plated and polished, length 8⅜ in., w't per doz. 6 lbs.....per dozen $5.00

ONE DOZEN IN A BOX.

No. 2.

Magnetic Steel, Japanned, Hickory Handle.

No. 1—Claw on head, length 11½ in., w't per doz. 3¼ lbs.....per dozen $1.25
No. 2—Steel claw, medium, length 11½ in., w't per doz. 3¾ lbs. per dozen 1.50
No. 3—Steel claw, large, length 13½ in., w't per doz. 4½ lbs.....per dozen 1.75

ONE DOZEN IN A BOX.

No. 4—Mallealle iron, polished head, handle inlaid with black walnut, length 11 in., w't per doz. 4½ lbs..per dozen $2.50

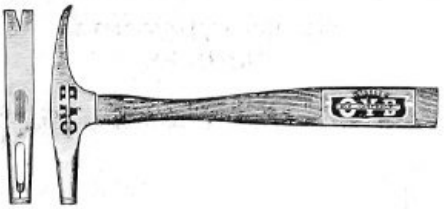
ONE DOZEN IN A BOX.

No. 946—Steel, drop forged in one piece, head and claw hardened and tempered, black finish, length 10 in., w't per doz. 6 lbs. .....per dozen $6.00

This is designed to meet the demand for a high grade hammer at a popular price.

It is adapted for any work where a light, strong hammer and claw are required, small nails can be started out with the claw, and then caught in the keyhole shaped slot in the handle, and drawn straight ready to drive again.

HALF DOZEN IN A BOX.



"OUR VERY BEST."

No. 10 GVB—Magnetic forged steel, adze eye, highly magnetized and nickel plated, hickory handle, length 10 in., w't per doz. 6 lbs....per dozen $10.00

HALF DOZEN IN A BOX.

No. 412—ROBERTSON'S, magnetic steel, bright finished head, length 12 in., w't per doz. 5 lbs.....per dozen $6.00

ONE DOZEN IN A BOX.

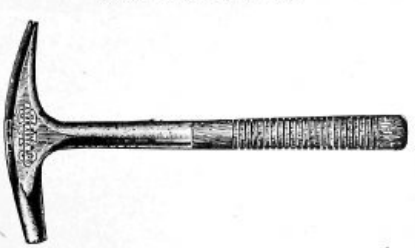
No. 190—SAVAGE, cast steel head, highly polished, permanent horse shoe magnet, tack puller, ash handle, length 11 in., w't per doz. 6 lbs.....per dozen $4.00

HALF DOZEN IN A BOX.

"OUR VERY BEST."

No. 20 GVB—Upholsterers' pattern, adze eye, forged steel, nickel plated head, hickory handle, length 10¼ in., w't per doz. 6 lbs.....per dozen $10.00

HALF DOZEN IN A BOX.



"OUR VERY BEST."

No. 30 GVB—Upholsterers' nickel plated steel head and claw, ⅜ to ⅝ in. face, 4 in. round socket shank, scored hickory handle, length 11 in., w't per doz. 8 lbs.....per dozen $15.00

HALF DOZEN IN A BOX.

No. 750—Upholsterers', polished steel head and claw, 4 in. round socket shank, scored hickory handle, length 11 in., w't per doz. 8 lbs.....per dozen $11.00

HALF DOZEN IN A BOX.

No. 57—Upholsterers' pattern, nickel plated and polished iron head, stained hardwood handle, length 10 in., w't per doz. 3¾ lbs.....per dozen $2.00

ONE DOZEN IN A BOX.

No. 34—Upholsterers' pattern, polished iron head, fine hickory handle, length 10½ in., w't per doz. 4½ lbs. per dozen $4.00

ONE DOZEN IN A BOX.

BILL POSTERS' HAMMERS.

"OUR VERY BEST."

Bill Posters' Horse Shoe Pattern, Superior Magnet Steel, Drop Forged, Nickel Plated.

No. 500 GVB—5 oz., *without handle*, w't per doz. 4 lbs.....per dozen $20.00

No. 800 GVB—8 oz., *without handle*, w't per doz. 6½ lbs..... per dozen 25.00

ONE DOZEN IN A BOX.

HANDLES FOR BILL POSTERS' HAMMERS.

13 in., plain, white ash, hand made, per dozen..... $ 5.40

24 in., plain, white ash, hand made, per dozen..... 5.70

36 in., plain, white ash, hand made, per dozen..... 6.00

36 in., jointed, 2 sections.....per dozen 12.00

Card Holding Attachments, to put on handles for holding card to set first tack.....per dozen sets 3.00

TACK CLAWS, PULLERS, CARPET STRETCHERS, ETC.

TACK CLAWS.

No. 374—Common, beech handle, brass ferrule, w't per doz. 1¾ lbs..per dozen $0.75
No. 11—Polished steel claw, beech handle, brass ferrule, w't per doz. 1½ lbs., per dozen..... 1.00
ONE DOZEN IN A BOX.

No. 39—YANKEE, tempered steel claw, malleable iron shank, polished maple handle, w't per doz. 2½ lbs..per dozen $1.50
ONE DOZEN IN DISPLAY BOX.

No. 50—Cast steel, square shank, blued, stained handle, brass ferrule, w't per doz. 1¾ lbs.....per dozen $1.50
ONE DOZEN IN A BOX.

"OUR VERY BEST."
~~BVB~~, $\frac{5}{16}$ in. octagon steel shank, rose wood finished handle, nickel plated ferrule, w't per doz. 2½ lbs..per dozen $3.00
ONE DOZEN IN A BOX.

No. 150—Drop forged steel, tempered, polished claw, length 7 in., w't per doz. 2½ lbs.....per dozen $3.75
ONE DOZEN IN A BOX.

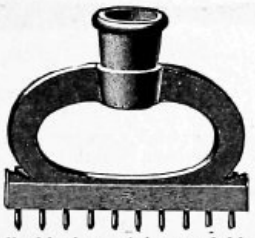
TACK PULLERS.

No. 100—GIANT, steel, ebonized handle, brass ferrule, length 6 in., w't per doz. 1½ lbs.....per dozen $1.50
ONE DOZEN IN A BOX.

CARPET STRETCHER HANDLES.

No. 1H—30 in., varnished hardwood, w't per doz. 6 lbs.....per dozen $2.50

CARPET STRETCHERS.



No. 1—Malleable iron, 4 in. steel blade, w't per doz. 4½ lbs.....per dozen $1.25
ONE DOZEN IN A BOX.

No. 5—Polished steel, with socket, 3¼ in. blade, w't per doz. 3 lbs., per dozen..... $4.00
HALF DOZEN IN A BOX.

CARPET STRETCHERS.

No. 7—BULLARD'S, 4 in. blade, with back stop, steel hinged lever, beech handle, with brass ferrule, w't per doz. 8 lbs., per dozen..... $7.50
HALF DOZEN IN A BOX.

No. 9—EXCELSIOR, 16 in. wood frame, with wire teeth, japanned malleable iron combined tack hammer and lever, self locking, w't per doz. 18 lbs., per dozen..... $10.00
ONE IN A BOX.

No. 12—STAND-UP, japanned, malleable iron, 8 in. blade with socket, hinged lever with backstop, painted 27 in. wood handle, w't per doz. 36 lbs., per dozen..... $18.00
It is very simple in construction, any one can operate it without tearing the carpet, and it saves the knees, fingers and back.

MAULS, HAMMERS AND SLEDGES.

SORTING HAMMERS.

Solid Forged Steel, Full Polished.

Weights	1½	2 lbs.
Per dozen	$11.70	15.60

MASONS' HAMMERS.

Solid Forged Steel, Polished Ends, Axe Finish.

Weights	3	3½	4	4½ lbs.
Per dozen	$19.80	23.10	26.40	29.70
Weights	5	5½	6	7 lbs.
Per dozen	$30.00	33.00	36.00	42.00
Weights	8	9	10 lbs.	
Per dozen	$48.00	54.00	60.00	

SPALLING HAMMERS.

Solid Forged Steel, Single Face, Oil Finish, Polished Face.

Weights	8	10	12 lbs.
Per dozen	$38.40	48.00	57.60
Weights	14	16 lbs.	
Per dozen	$67.20	76.80	

Solid Forged Steel, Double Face, Oil Finish, Polished Faces.

Weights	4	5	6 lbs.
Per dozen	$24.00	24.00	28.80
Weights	7	8	10 lbs.
Per dozen	$33.60	38.40	48.00
Weights	12	14	16 lbs.
Per dozen	$57.60	67.20	76.80

HAND DRILLING HAMMERS.

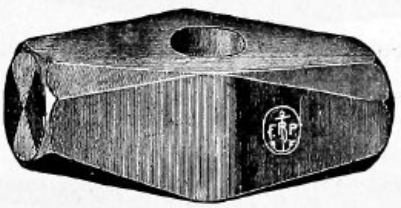
CALIFORNIA PATTERN, Solid Forged Steel, Polished Faces, Oil Finish.

Weights	3	3½	4	4½ lbs.
Per dozen	$18.00	21.00	24.00	27.00

STRIKING HAMMERS.

REGULAR OR NEVADA PATTERN, Solid Forged Steel, Polished Faces, Oil Finish.

Weights	3	3½	4	4½ lbs.
Per dozen	$14.40	16.80	19.20	21.60
Weights	5	6	7	8 lbs.
Per dozen	$18.00	21.60	25.20	28.80
Weights	9	10	12	14 lbs.
Per dozen	$32.40	36.00	43.20	50.40



OREGON PATTERN, Solid Forged Steel, Polished Faces, Oil Finish.

Weights	4	5	6	7 lbs.
Per dozen	$19.20	18.00	21.60	25.20
Weights	8	9	10	12 lbs.
Per dozen	$28.80	32.40	36.00	43.20

STONE SLEDGES.

Solid Forged Steel, Polished Face, Oil Finish.

Weights	6	7	8 lbs.
Per dozen	$21.60	25.20	28.80
Weights	10	12	14 lbs.
Per dozen	$36.00	43.20	50.40
Weights	16	18	20 lbs.
Per dozen	$57.60	64.80	72.00

RAILROAD MAULS.

Solid Forged Steel, Polished Faces, Oil Finish.

Weights	6	8	10 lbs.
Per dozen	$21.60	28.80	36.00

SHIP OR TOP MAULS.

Solid Forged Steel, Polished Ends, Axe Finish.

Weights	4 ½	5	5½ lbs.
Per dozen	$22.68	25.20	27.72
Weights	6	7 lbs.	
Per dozen	$30.24	35.28	

BLACKSMITHS' HAND HAMMERS.

ENGLISH PATTERN, Solid Forged Steel, Polished Face, Oil Finish.

Weights	1½	2	2½	3 lbs.
Per dozen	$9.00	12.00	15.00	14.40

COAL MINERS' SLEDGES.

Solid Forged Steel, Polished Faces, Oil Finish.

Weights	5	6	7	8 lbs.
Per dozen	$18.00	21.60	25.20	28.80

WOOD CHOPPERS' MAULS.

OREGON PATTERN, Oval Eye, Solid Forged Steel, Polished Face, Oil Finish. (Use with Sledge Handle.)

Weights	6	7	8 lbs.
Per dozen	$25.92	30.24	34.56
Weights	9	10	12 lbs.
Per dozen	$38.88	43.20	51.84

OREGON PATTERN, Axe Eye, Solid Forged Steel, Polished Face, Oil Finish. (Use with D.B. Axle Handle.)

Weights	6	7	8	9 lbs.
Per dozen	$25.92	30.24	34.56	38.88

BLACKSMITHS' SLEDGES.

Solid Forged Steel, Cross Pein, Polished Face and Pein, Oil Finish.

Weights	4	5	6 lbs.
Per dozen	$19.20	18.60	21.60
Weights	7	8	10 lbs.
Per dozen	$25.20	28.80	36.00
Weights	12	14	16 lbs.
Per dozen	$43.20	50.40	57.60

Solid Forged Steel, Double Face, Oil Finish, Polished Faces.

Weights	4	5	6 lbs.
Per dozen	$19.20	18.00	21.60
Weights	7	8	10 lbs.
Per dozen	$25.20	28.80	36.00
Weights	12	14	16 lbs.
Per dozen	$43.20	50.40	57.60

WEDGES, POST MAULS, CROW BARS, ETC.

WOOD CHOPPERS' WEDGES.

HIBBARD OIL FINISH, Forged Steel, Regular Fluted Pattern.

Weights	3	3½	4	4½ lbs.
Per dozen...	$3.24	3.78	4.32	4.86
Weights	**5**	**5½**	**6**	**6½ lbs.**
Per dozen...	$5.40	5.94	6.48	7.02
Weights		**7**	**7½**	**8 lbs.**
Per dozen.....		$7.56	8.10	8.64

IN BULK.

No. 10—Assorted, 3½ to 5 lbs..per box $6.00

ONE DOZEN, ASSORTED, IN A BOX. WE DO NOT BREAK BOXES.

HIBBARD AXE FINISH, Forged Steel, Regular Fluted Pattern.

No. 20—Assorted, 3½ to 5 lbs..per box $7.50

ONE DOZEN, ASSORTED, IN A BOX. WE DO NOT BREAK BOXES.

TRUCKEE PATTERN, Forged Steel, Oil Finish.

Weights ..	3	3½	4	4½	5 lbs.
Per dozen.	$3.78	4.41	5.04	5.67	6.30
Weights ..	**5½**	**6**	**6½**	**7**	**7½ lbs.**
Per dozen.	$6.93	7.56	8.19	8.82	9.45
Weights			**8**	**9**	**10 lbs.**
Per dozen			$10.08	11.34	12.60

IN BULK.

LAKE SUPERIOR PATTERN, Forged Steel, Oil Finish.

Weights ..	5	5½	6	7	8 lbs.
Per dozen.	$7.20	7.92	8.64	10.08	11.52

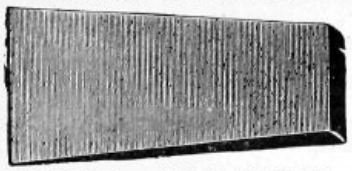
IN BULK.

OREGON PATTERN, Forged Steel, Oil Finish.

Weights.....	3	4	4½	5 lbs.
Per dozen...	$4.32	5.76	6.48	7.20
Weights.....	**5½**	**6**	**7**	**8 lbs.**
Per dozen...	$7.92	8.64	10.08	11.52

IN BULK.

STAVE WEDGES.



OZARK, Forged Steel, Oil Finish.

Weights.....	3	3½	4	4½	5 lbs.
Per dozen...	$4.32	5.04	5.76	6.48	7.20

IN BULK.

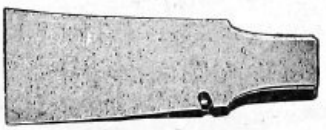
TIE WEDGES.

ARKANSAS, Forged Steel, Oil Finish.

Weights.....	3	3½	4	4½	5 lbs.
Per dozen...	$4.14	4.83	5.52	6.21	6.90

IN BULK.

SAW WEDGES.



Forged Steel, Improved Pattern, Oil Finish.

Weights.....	1¾	2	2½ lbs.
Per dozen.....	$6.30	7.20	9.00

IN BULK.

COAL MINERS' WEDGES.

PLUMB'S, Oil Finish, Solid Forged Steel, Alton Pattern.

No. 1—Weights.	1½	1¾	2	2½	3 lbs.
Per dozen	$4.50	5.25	6.00	7.50	9.00

BEALL BROS.', Black Finish, Solid Forged Steel, Alton Pattern.

No. 2—Weights.	1½	1¾	2	2½	3 lbs.
Per dozen.....	$5.40	6.30	7.20	9.00	10.80

BEALL BROS.', Black Finish, Solid Forged Steel, Missouri Pattern.

No. 3—Weights.	1½	1¾	2 lbs.
Per dozen.....	$5.40	6.30	7.20

AXE WEDGES.

No. 1—Malleable iron, with screw, w't per doz. 1¼ lbs.....per dozen $1.00

No. 2—Malleable iron, plain, w't per doz. 2¾ lbs.....per dozen $1.10

BEETLE RINGS.

Wrought Iron, Self Colored.

No. 10—Diameter..	5	5½	6 in.
Weights	18	18½	21 lbs.
Per dozen.....	$23.76	24.42	27.72

POST MAULS.

Japanned Cast Iron, Hickory Handle.

Weight (without handle)..	10	13	16 lbs.
W't per doz. with handles.	135	171	207 lbs.
Per dozen.....	$6.25	7.50	9.00
Weight (without handle)..	**18**		**20 lbs.**
W't per doz. with handles.	231		267 lbs.
Per dozen.....	$10.00		11.50

Japanned Cast Iron, Wood Faces, Hickory Handle.

Weight (without handle)..	10	12	14 lbs.
W't per doz. with handles	114	150	190 lbs.
Per dozen.....	$9.00	10.00	11.00

CARPENTERS' BARS.

Pinch Point, Forged Steel, Oil Finish.

No. 7—Sizes.....	20x¾	24x⅞	28x1 in.
W't per doz.....	30	49½	70 lbs.
Per dozen.....	$5.00	6.00	7.00

No. 3—Claw end, forged steel, oil finish, 30×⅞ in., w't per doz. about 64½ lbs.....per dozen $10.00

Gooseneck, ¾ in. Octagon Tool Steel, Oil Finish, Hardened Points.

Nos.....	6	5	4
Length.....	20	24	30 in.
W't per doz...	36	39½	51 lbs.
Per dozen	$12.00	13.50	15.00

Just the thing for wrecking old buildings. The claw end will draw any size nails.

CROW BARS.

PINCH POINT, Forged Steel, Oil Finish.

Weights	10	12	14 lbs.
Per dozen	$8.40	10.08	11.76
Weights	**16**	**18**	**20 lbs.**
Per dozen	$13.44	15.12	16.80

WEDGE POINT, Forged Steel, Oil Finish.

Weights	10	12	14 lbs.
Per dozen	$8.40	10.08	11.76
Weights	**16**	**18**	**20 lbs.**
Per dozen	$13.44	15.12	16.80

CAR MOVERS.

No. 1—SAMSON, malleable iron, refined crucible tool steel and second growth hard maple, w't 16 lbs., complete with one extra steel spur ⅝/16 in. square by 3 in. long.....each $5.00

The Samson Car Movers are each guaranteed to work under any brake and in all positions under car-wheels where it is possible for any other mover to work; to move a loaded or empty car on a level or inclined track, on a straight or curved track, on a dry, icy or greasy track, faster, easier and further to each stroke of the handle than any other make of movers on the market.

MATTOCKS, PICKS AND GRUB HOES.

MATTOCKS.

"OUR VERY BEST."

Adze Eye, Superior Quality Forged Steel, Green Bronzed, Polished Bits.

No. 3—Short cutter, 5½ lbs.. per dozen $16.50
No. 13—Long cutter, 6 lbs.... " 17.00

ONE DOZEN IN A CASE.

"EXTRA," Adze Eye, Forged Steel, Painted Black, Polished Bits.

No. 4—Short cutter, 3½ to 5 lbs., per dozen $16.00
No. 5—Short cutter, 5 lbs.... per dozen 16.00
No. 6—Short cutter, 5½ lbs.. " 16.50
No. 15—Long cutter, 5 lbs.... " 16.00
No. 16—Long cutter, 6 lbs.... " 17.00

TWO DOZEN IN A CASE.

HUNT'S, Plain Eye, Forged Steel, Painted Black, Polished Bits.

No. 7—Short cutter, 6 lbs.... per dozen $18.50
No. 17—Long cutter, 6 lbs.... " 18.50

TWO DOZEN IN A CASE.

PICK MATTOCKS.

No. 140—"EXTRA," adze eye, forged steel, painted black, polished bit and point, 5 lbs..... per dozen $16.00
No. 145—"EXTRA," 6 lbs., otherwise same as No. 140..... per dozen 17.00

TWO DOZEN IN A CASE.

GRUB HOES.

"OUR VERY BEST."

Adze Eye, Superior Quality Forged Steel, Green Bronzed, Polished Bit.

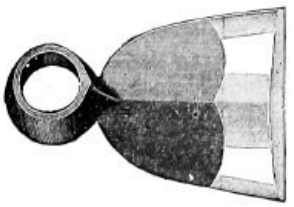
No. 1—3½ lbs., width of bit 3¾ in., per dozen..... $13.00
No. 2—4 lbs., width of bit 4 in., per dozen..... 13.50

"EXTRA," Adze Eye, Forged Steel, Painted Black, Polished Bit.

No. 0—3 lbs., width of bit 3½ in., per dozen..... $12.50
No. 1—3½ lbs., width of bit 3¾ in., per dozen..... 13.00
No. 2—4 lbs., width of bit 4 in., per dozen..... 13.50

"O.V.B.," ONE DOZEN; EXTRA, TWO DOZEN IN A CASE.

HAZEL HOES.



"EXTRA," Adze Eye, Forged Steel, Painted Black, Polished Bit.

No. 54—3 lbs., round eye, width of bit 6 in..... per dozen $16.00

TWO DOZEN IN A CASE.

RAILROAD PICKS.

"OUR VERY BEST."

Adze Eye, Superior Quality Forged Steel, Green Bronzed, Polished Points.

No. 40—Pounds.....	5 to 6	6 to 7	7 to 8
Per dozen.....	$14.00	15.00	16.00

ONE DOZEN IN A CASE.

"EXTRA," Adze Eye, Forged Steel, Painted Black, Polished Points.

No. 30—Pounds.....	5 to 6	6 to 7
Per dozen.....	$14.00	15.00
No. 30—Pounds.....	**7 to 8**	**8 to 9**
Per dozen.....	$16.00	18.00

TWO DOZEN IN A CASE.

SURFACE PICKS.

Adze Eye, Forged Steel, Cil Finish.

No. 2—Weight 4½ lbs..... per dozen $15.00
No. 3—Weight 5 lbs..... " 16.00

TWO DOZEN IN A CASE.

TAMPING PICKS.

No. 70—Adze eye, forged steel, oil finish, weights assorted, 6 to 7 lbs. per dozen $18.00

TWO DOZEN IN A CASE.

ORE PICKS.

No. 35—"EXTRA," adze eye, forged steel, painted black, polished points, weights assorted, 6 to 7 lbs..... per dozen $15.00

TWO DOZEN IN A CASE.

DRIFTING PICKS.

Adze Eye, Forged Steel, Oil Finished.

Nos.....	1	2	3	4
Weight.....	3	4	4½	5 lbs.
Per dozen.....	$12.50	14.00	15.00	16.00

TWO DOZEN IN A CASE.

POLL PICKS.

Adze Eye, Forged Steel, Oil Finish.

Nos.....	1	2
Weight.....	3½	4
Per dozen.....	$15.00	16.00

TWO DOZEN IN A CASE.

COAL MINING PICKS.

ALTON, Short Ear, Cast Steel, Painted Black.

Pounds.....	2	2¼	2½	3
Per dozen.....	$9.00	9.00	9.00	9.00

ALTON, Long Ear, Cast Steel, Painted Black.

Pounds.....	2	2¼	2½	3
Per dozen.....	$12.00	12.00	12.00	12.00

COAL CUTTING PICKS.

ALTON, Short Ear, Cast Steel, Painted Black.

Pounds.....	2½	2¾	3	3¼
Per dozen.....	$9.00	9.00	9.00	9.00

MILL PICKS.

Forged Crucible Tool Steel, Polished Cutters, Painted Body.

Pounds.....	2	2½	3
Per dozen.....	$18.00	22.50	27.00

TWO DOZEN IN A CASE.

SPOKE SHAVES.

IRON.

No. 1—9 in. japanned straight handle, 1¾ in. cast steel cutter, w't per doz. 5½ lbs.....per dozen $2.25

HALF DOZEN IN A BOX.

No. 63—BAILEY'S, 9 in. straight handle, japanned, 1¾ in. single cutter, w't per dozen 4⅞ lbs.....per dozen $2.25

HALF DOZEN IN A BOX.

No. 2—10 in. japanned raised handle, 2⅛ in. cast steel cutter, w't per doz. 8 lbs., per dozen..... $3.00

HALF DOZEN IN A BOX.

No. 3—10 in. japanned straight handle, 2 cast steel cutters (1¼×1¾ in.), w't per doz. 7 lbs.....per dozen $4.50

HALF DOZEN IN A BOX.

No. 55—BAILEY'S, 10 in. japanned raised handle, double iron, hollow face, 2⅛ in. cast steel cutter, w't per doz. 7¾ lbs., per dozen..... $3.00

HALF DOZEN IN A BOX.

No. 52—BAILEY'S, 10 in. japanned straight handle, double iron, 2⅛ in. cast steel cutter, w't per doz. 7¾ lbs..per dozen $3.50

No. 51—*Raised handles*, otherwise same as No. 52, w't per doz. 8 lbs..per dozen 3.50

Extra Irons, for No. 52..... " 1.00

HALF DOZEN IN A BOX.

No. 53—BAILEY'S, 10 in. japanned raised handle, 2⅛ in. adjustable cast steel cutter, w't per doz. 9 lbs....per dozen $4.50

HALF DOZEN IN A BOX.

No. 54—BAILEY'S, 10 in. japanned straight handle, 2⅛ in. adjustable cast steel cutter, w't per doz. 8 lbs....per dozen $4.50

HALF DOZEN IN A BOX.

WOOD.

No. 4—10 in. beechwood handle, 2½ in. cast steel cutter, w't per doz. 2½ lbs., per dozen..... $5.00

No. 5—11 in. beechwood handle, 3 in. cast steel cutter, w't per doz. 3¼ lbs., per dozen..... 6.00

No. 7—11¼ in. beechwood handle, brass plate, 3 in. cast steel cutter, w't per doz. 3½ lbs.....per dozen 8.00

HALF DOZEN IN A BOX

No. 8—10½ in. beechwood handle, 2½ in. cast steel cutter, brass set screws, w't per doz. 3¾ lbs.....per dozen $14.50

HALF DOZEN IN A BOX.

RAZOR EDGE.

No. 72—Japanned, 11 in., 2 in. cutter, w't per doz. 9½ lbs.....per dozen $12.00

No. 73—Japanned, 11 in., 2½ in. cutter, w't per doz. 10½ lbs.....per dozen 13.20

ONE QUARTER DOZEN IN A BOX.

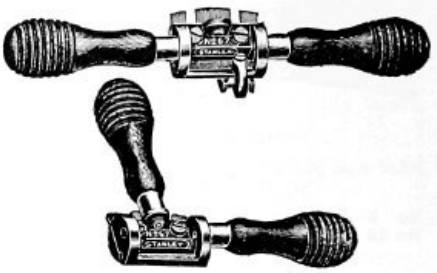
No. 84—Boxwood, 11 in., 2 in. cutter, w't per doz. 3½ lbs.....per dozen $16.80

No. 85—Boxwood, 12 in., 2½ in. cutter, w't per doz. 4¼ lbs.....per dozen 18.00

So called from the shape of the cutter, which is hollow ground, giving a keen cutting edge. The adjustable front can be moved up or down, opening or closing the mouth, and with the cutter properly adjusted, a coarse or very fine shaving can be cut.

ONE IN A BOX.

UNIVERSAL.



No. 67—STANLEY'S IMPROVED, nickel plated, rosewood handle, for curved or straight work, length 9½ in., w't per doz. 10 lbs.....per dozen $18.00

This spoke shave has two detachable bottoms; adapting it equally well to circular work or straight; and, by means of a movable width-gauge, the tool can be used in rabbeting. Both handles are detachable, and either of them can be screwed into a socket on top of the stock, thus making it possible to work into corners or panels as no other spoke shave can do.

ONE IN A BOX.

GOODELL'S.

No. 20—Nickel plated, removable rosewood handles, 2 in. cast steel cutter, length 10 in., w't per doz. 5½ lbs., per dozen..... $9.00

The circular shape of this tool enables it to work in smaller circles than other shaves. The angle of the knife is such that it cuts instead of scraping the grain of the wood. Either handle can be removed to work in cramped places.

HALF DOZEN IN A BOX.

CHAMFER.

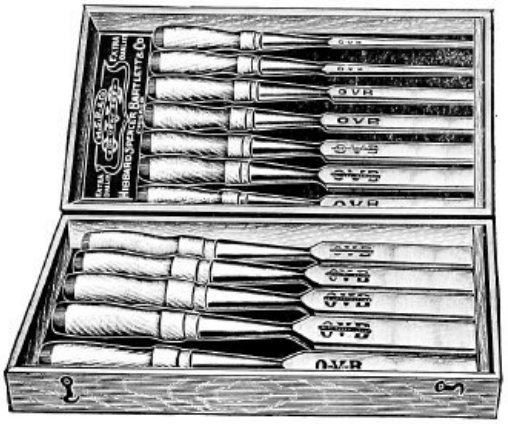
No. 65—STANLEY'S, 9½ in. japanned handle, 1½ in. cast steel straight edge cutter, 2 adjustable and detachable chamfer guides, tinned set screws, w't per doz. 9 lbs.....per dozen $6.00

This tool will chamfer an edge of any desired width up to 1½ inches. The chamfer guides can be easily removed, making an ordinary spoke shave.

HALF DOZEN IN A BOX.

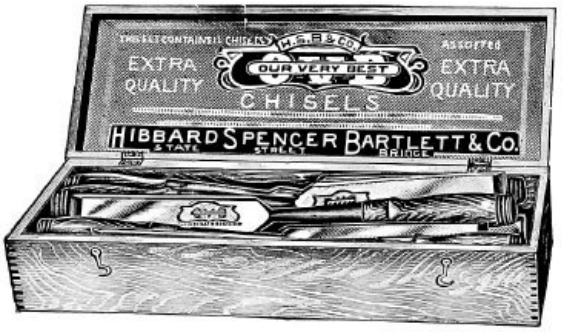
CHISELS, GOUGES AND SLICKS.

SOCKET FIRMER CHISELS.



"OUR VERY BEST."
Beveled, Solid Cast Steel, Full Polished, Leather Capped Hickory Handles.

No. 225 O.V.B.—In sets of twelve, one each from 1/8 to 2 in., ground sharp and set ready for use, packed one set in a polished and oiled hinged dovetailed box, w't 10 lbs.. .....per set $26.00



"OUR VERY BEST."
Beveled, Solid Cast Steel, Full Polished, Leather Capped Hickory Handles.

No. 215 O.V.B.—In sets of twelve, one each from 1/4 to 2 in., ground sharp and set ready to use, packed one set ih a polished and oild hinged dovertailed box, w't 10 lbs.....per set $22.00

"OUR VERY BEST."
Plain, Extra Cast Steel, Full Polished, Leather Capped Hickory Handle.

O.V.B.—Inches...	1/8	1/4	3/8	1/2	5/8	3/4	
W't per doz.....	3½	4	4½	5	6½	7	lbs.
Per dozen.....$12.50		12.50	12.50	13.50	14.50	14.50	
O.V.B.—Inches...	7/8	1	1 1/4	1 1/2	1 3/4	2	
W't per doz.....	7½	8	10½	12	14	15	lbs.
Per dozen.....$15.50		16.50	18.00	19.00	20.00	21.00	

Sets of 12, one each of above (12) packed one set in a wood box with slide cover, w't 8 lbs.....per set $16.00

SINGLE SIZES HALF DOZEN IN A BOX.

"OUR VERY BEST."
Beveled, Extra Cast Steel, Full Polished, Leather Capped Hickory Handle.

O.V.B.—Inches...	1/8	1/4	3/8	1/2	5/8	3/4	
W't per doz.....	3½	4	4½	5	6½	7	lbs.
Per dozen.....$12.50		12.50	12.50	13.50	14.50	14.50	
O.V.B.—Inches...	7/8	1	1 1/4	1 1/2	1 3/4	2	
W't per doz.....	7½	8	10½	12	14	15	lbs.
Per dozen.....$15.50		16.50	18.00	19.00	20.00	21.00	

Sets of 12, one each of above (12) packed one set in wood box with slide cover, w't 8 lbs.....per set $16.00

SINGLE SIZES HALF DOZEN IN A BOX.

TANGED BUTT CHISELS.

"OUR VERY BEST."
Beveled, Solid Cast Steel, 3¾ Inch Blade, Round Shank, Full Polished, Heavy Brass Ferrule, Leather Capped Hardwood Handle.

No. 213 O.V.B.—							
Inches.....	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
W't per doz....	3½	4	4½	5	5¾	6½	7 lbs.
Per dozen.....$12.00		13.00	15.00	16.00	17.00	18.00	19.00

HALF DOZEN IN A BOX.

SOCKET BUTT CHISELS.

"OUR VERY BEST."
Beveled, Extra Cast Steel, Full Polished, Leather Capped Hickory Handle.

O.V.B.—Inches...	1/8	1/4	3/8	1/2	5/8	3/4	
W't per doz.....	3	3¾	4	4¼	4¾	4⅞	lbs.
Per dozen.....$12.50		12.50	12.50	13.50	14.50	14.50	
O.V.B.—Inches...	7/8	1	1 1/4	1 1/2	1 3/4	2	
W't per doz.....	5	5¼	6¾	7¾	8¾	9½	lbs.
Per dozen.....$15.50		16.50	18.00	19.00	20.00	21.00	

HALF DOZEN IN A BOX.

SOCKET FRAMING CHISELS.

"OUR VERY BEST."
Extra Cast Steel, Full Polished, Hickory Handle, with Ring.

O.V.B.—Inches...	1/4	3/8	1/2	5/8	3/4	7 8	
W't per doz.....	8½	10½	12	13½	14	16	lbs.
Per dozen.....$15.00		15.00	16.00	17.00	17.00	18.00	
O.V.B.—Inches.....	1	1 1/4	1 1/2	1 3/4	2		
W't per doz.....	17½	23	26	31	33	lbs.	
Per dozen.....$18.00		20.00	22.00	24.00	26.00		

HALF DOZEN IN A BOX.

SOCKET CORNER CHISELS.

"OUR VERY BEST."
8½ Inch Blade, Extra Cast Steel, Polished Outside, Hickory Handle, with Ring.

No. 50 O.V.B.—Inches.	3/4	7/8	1	1 1/8	1 1/4	
W't per doz.....	14	17	21	25	27	lbs.
Per dozen.....$32.00		34.00	36.00	38.00	40.00	

HALF DOZEN IN A BOX.

SOCKET CARPENTERS' SLICKS.

"OUR VERY BEST."
10 Inch Blade, Extra Cast Steel, Full Polished, Hickory Handle.

No. 80 O.V.B.—Inches....	2 1/2	3	3 1/2	4	
W't per doz.....	45	54	60	72	lbs.
Per dozen.....$45.00		50.00	55.00	65.00	

ONE-SIXTH DOZEN IN A BOX.

SOCKET FIRMER GOUGES.

"OUR VERY BEST."
6 Inch Blade, Extra Cast Steel, Full Polished, Hickory Handle.

Inches.....	1/4	3/8	1/2	5/8	3/4	7/8	
W't per doz.....	4	4½	5½	5	6	7½	lbs.
No. 60 O.V.B.—Outside bevel, per dozen.....	$7.00	7.50	8.00	8.00	9.00	9.50	
No. 160 O.V.B.—Inside bevel, per dozen.....	7.00	7.50	8.00	8.50	9.00	9.50	
Inches.....	1	1 1/4	1 1/2	1 3/4	2		
W't per doz.....	8	10½	12	14	15	lbs.	
No. 60 O.V.B.—Outside bevel, per dozen.....	$10.00	11.00	12.00	13.00	14.00		
No. 160 O.V.B.—Inside bevel, per dozen.....	10.00	11.00	12.00	13.00	14.00		

HALF DOREN IN A BOX.

CHISELS, GOUGES, DRAWING KNIVES AND FROES.

TANGED FIRMER CHISELS.

Extra Cast Steel, Polished.

No. 210—Inches...	1/8	1/4	3/8	1/2	5/8
W't per doz.....	⅞	1	1¼	1½	2 lbs.
Per dozen.....$2.00		2.00	2.25	2.75	3.00
No. 210—Inches...	**3/4**	**7/8**	**1**	**1 1/4**	**1 1/2**
W't per doz.....	2¼	3	3½	4½	5¾ lbs.
Per dozen.....$3.25		3.50	4.00	5.25	6.00

SINGLE SIZES ONE DOZEN IN A BOX.

Extra Cast Steel, Polished, Applewood Handle.

No. 212—Inches...	1/8	1/4	3/8	1/2	5/8
W't per doz.....	2	2¼	2½	2¾	4½ lbs.
Per dozen.....$3.00		3.00	3.25	3.75	4.00
No. 212—Inches...	**3/4**	**7/8**	**1**	**1 1/4**	**1 1/2**
W't per doz.....	5	5¼	5¾	6¼	7¾ lbs.
Per dozen.....$4.25		4.50	5.00	6.25	7.00

SINGLE SIZES HALF DOZEN IN A BOX.

TANGED FIRMER GOUGES.

Extra Cast Steel, Polished.

No. 230—Inches...	1/8	1/4	3/3	1/2	5/8
W't per doz.....	¾	⅞	1¼	1¾	2½ lbs.
Per dozen.....$2.50		2.50	2.75	3.00	3.50
No. 230—Inches...	**3/4**	**7/8**	**1**	**1 1/4**	**1 1/2**
W't per doz.....	2¾	3	3½	5¼	6¼ lbs.
Per dozen.....$3.75		4.25	4.50	6.25	7.75

SINGLE SIZES ONE DOZEN IN A BOX.

Extra Cast Steel, Polished, Applewood Handle.

No. 232—Inches...	1/8	1/4	3/8	1/2	5/8
W't per doz.....	1¾	2	3	3¾	4¼ lbs.
Per dozen.....$3.50		3.50	3.75	4.00	4.50
No. 262—Inches...	**3/4**	**7/8**	**1**	**1 1/4**	**1 1/2**
W't per doz.....	5	5¼	6	8	9 lbs.
Per dozen.....$4.75		5.25	5.50	7.25	8.75

SINGLE SIZES HALF DOZEN IN A BOX.

TANGED TURNING CHISELS.

Extra Cast Steel, Polished.

No. 280—Inches...	1/8	1/4	3/8	1/2	5/8	3/4
W't per doz.....	1¼	1½	2	3	4	5 lbs.
Per dozen.....$3.00		3.00	3.25	3.60	4.00	4.50
No. 280—Inches...	**7/8**	**1**	**1 1/4**	**1 1/2**	**1 3/4**	**2**
W't per doz.....	5¾	7	8	10	13	14 lbs.
Per dozen.....$5.00		5.75	7.25	9.25	11.25	13.25

¼ TO 1 INCH, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

TANGED TURNING GOUGES.

Extra Cast Steel, Polished.

No. 290—Inches...	1/8	1/4	3/8	1/2	5/8	3/4
W't per doz.....	2	2¼	3½	4¼	4¾	5¼ lbs.
Per dozen.....$3.75		3.75	4.25	4.75	5.25	6.00
No. 290—Inches...	**7/8**	**1**	**1 1/4**	**1 1/2**	**1 3/4**	**2**
W't per doz.....	6¾	7¾	9	11	13	15 lbs.
Per dozen.....$7.00		8.00	10.00	13.00	15.00	18.00

¼ TO 1 INCH, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

CARPENTERS' DRAWING KNIVES.

"OUR VERY BEST."

Extra Cast Steel Razor Blade, Ebonized Handles, Polished Caps and Ferrules.

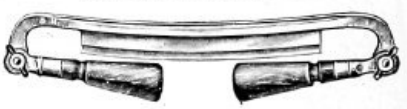
C-V-B Blade.....	8	9	10 in.
W't per doz.....	13	14	15 lbs.
Per dozen.....$24.00		26.00	27.00

HALF DOZEN IN A BOX.

P. S. & W. CO.'S, Cast Steel Razor Blade, Hickory Handles, Polished Caps and Ferrules.

Blade.....	6	7	8	9	10	12 in.
W't per doz.	10	11	12½	13	14	15 lbs.
Per dozen...	$22.00	22.00	22.00	24.00	25.00	27.00

HALF DOZEN IN A PACKAGE.



P. S. W. & CO.'S, Folding Handle, Cast Steel Razor Blade, Interchangeable Hickory Handles.

Blade.....	6	7	8	9	10 in.
W't per doz..	13½	14	14½	16	13 lbs.
Per dozen....	$32.50	35.00	37.50	40.00	42.50

ONE-QUARTER DOZEN IN A BOX.

WILKINSON'S, Cast Steel Razor Blade, Folding Hickory Handles.

Blade.....	6	7	8	9 in.
W't per doz.....	12	14	20	28 lbs.
Per dozen.....	$21.00	22.50	24.00	27.00

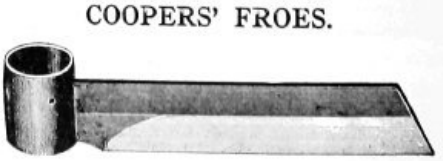
ONE-QUARTER DOZEN IN A BOX.

SHINGLE KNIVES.

14 IN.—1¾ in. cast steel blade, beech handles, w't per doz. 27 lbs., per dozen..... $42.00

HALF DOZEN IN A PACKAGE.

COOPERS' FROES.



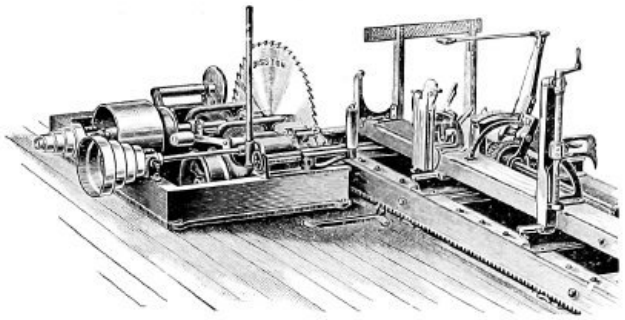
Forged Steel, Axe Finish.

Cut.....	8	10	12 in.
W't per doz	39	45	50 lbs.
Per dozen.....	$13.00	13.50	14.00

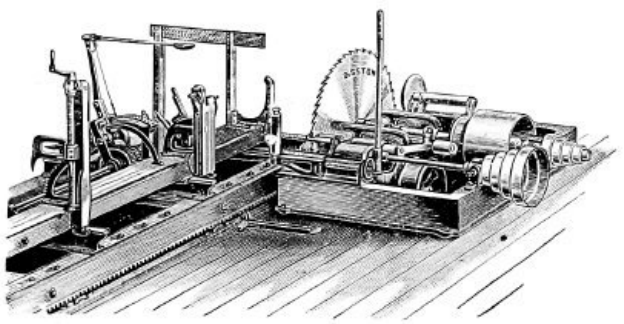
TWO DOZEN IN A CASE.

SAWS AND MANDRELS.

CIRCULAR RIP AND CROSS-CUT SAWS.



Right-Hand Saw.



Left-Hand Saw.

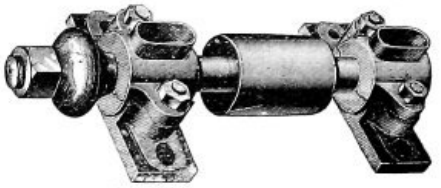
Solid Tooth, Ground and Tempered.

In ordering, be particular to state whether cross-cut or rip, right or left hand is wanted; also size of mandrel hole and speed of saw

DIAMETER, INCHES.	THICKNESS, GAUGE.	SIZE OF HOLE, INCH.	EACH.	EXTRA FOR EACH ADDITIONAL GAUGE (HEAVIER).	BEVELING NEW SAWS (GRINDING OR BEVELING OLD SAWS EXTRA), PER GAUGE.	EXTRA FOR SETTING AND SHARPENING IF RIP SAW.	EXTRA FOR SETTING AND SHARPENING IF CROSS-CUT SAW.
10	16	1	$3.30	$0.12	$0.28	$0.45	$0.65
11	16	1	3.80	.14	.30	.48	.70
12	15	1	4.15	.17	.35	.50	.75
14	15	1 1/8	5.00	.21	.40	.60	.85
16	14	1 1/8	6.00	.25	.50	.65	.95
18	13	1 1/4	7.50	.30	.60	.70	1.05
20	13	1 5/16	9.00	.35	.70	.80	1.15
22	12	1 7/16	11.00	.45	.80	.90	1.30
24	11	1 3/8	13.00	.55	.90	1.00	1.45
26	11	1 3/8	15.00	.65	1.05	1.10	1.60
28	10	1 1/2	17.00	.80	1.20	1.20	1.75
30	10	1 1/2	19.00	.90	1.30	1.30	1.95
32	10	1 5/8	22.00	1.00	1.40	1.40	2.05
34	9	1 5/8	25.00	1.20	1.55	1.60	2.35
36	9	1 5/8	28.00	1.40	1.70	1.70	2.55
38	9	1 5/8	31.00	1.75	1.85	1.85	2.75
40	9	2	36.00	2.00	2.00	2.00	2.95
42	8	2	42.00	2.50	2.20		3.15
44	8	2	50.00	3.00	2.40		3.35
46	8	2	60.00	3.50	2.60		3.60
48	8	2	70.00	4.00	2.80		3.80
50	7	2	80.00	4.50	3.00		4.10
52	7	2	90.00	5.00	3.25		4.40
54	7	2	100.00	6.00	3.50		4.70
56	7	2	115.00	7.00	3.75		5.00
58	7	2	130.00	8.00	4.05		5.30
60	6	2	145.00	9.00	4.35		5.60

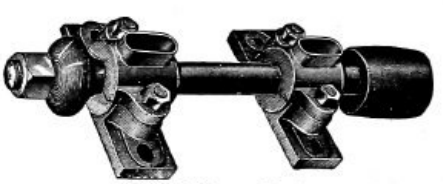
Circular saws for bone or ivory, add 50 per cent. to above list.
No extra charge for saws one gauge thicker than list.
Circular saws 48 inches and larger, if made thinner than 10 gauge, are not warranted, and are 10 per cent. higher for each gauge thinner than No. 10.
Circular saws 42 inches and less in diameter beveled one gauge without extra charge; 44 inches and larger beveled two gauges without extra charge.

CIRCULAR SAW MANDRELS.



With Pulley in Center.

Nos.	1	2	3	4	
Diameter of pulley	2 1/2	3	3 1/2	4	in.
Face of pulley	3 1/2	4	4 1/2	5	in.
Diameter of flange	2 1/2	3	3 1/2	4	in.
Length of shaft	14	16	18	20	in.
Diameter of shaft	1 1/16	1 3/16	1 5/16	1 7/16	in.
Size of hole in saw	1	1 1/8	1 1/4	1 3/8	in.
Weight	15	22	27	35	lbs.
Each	$7.00	8.00	8.50	9.75	
Nos.	**5**	**6**	**7**		
Diameter of pulley	4 1/2	5	5 1/2		in.
Face of pulley	5 1/2	6	6 1/2		in.
Diameter of flange	4 1/2	5	5 1/2		in.
Length of shaft	22	24	26		in.
Diameter of shaft	1 7/16	1 7/16	1 7/16		in.
Size of hole in saw	1 3/8	1 3/8	1 3/8		in.
Weight	35	55	70		lbs.
Each	$11.00	12.50	13.75		
Nos.	**8**	**9**	**10**		
Diameter of pulley	6	7	8		in.
Face of pulley	7	8	8		in.
Diameter of flange	6	6	6		in.
Length of shaft	28	32	36		in.
Diameter of shaft	1 9/16	1 11/16	1 13/16		in.
Size of hole in saw	1 1/2	1 5/8	1 5/8		in.
Weight	88	120	131		lbs.
Each	$15.50	21.50	25.75		



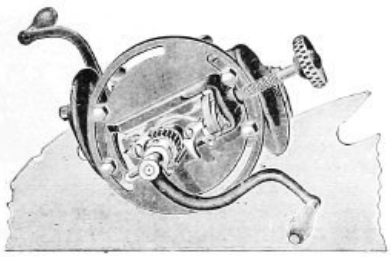
With Pulley on End.

Nos.	1	2	3	4	
Diameter of pulley	2 1/2	3	3 1/2	4	in.
Face of pulley	3 1/2	4	4 1/2	5	in.
Diameter of flange	2 1/2	3	3 1/2	4	in.
Length of shaft	16 1/2	19	21 1/2	24	in.
Diameter of shaft	1 1/16	1 3/16	1 5/16	1 7/16	in.
Size of hole in saw	1	1 1/8	1 1/4	1 3/8	in.
Weight	12	20	26	32	lbs.
Each	$7.70	8.50	9.00	10.75	
Nos.	**5**	**6**	**7**		
Diameter of pulley	4 1/2	5	5 1/2		in.
Face of pulley	5 1/2	6	6 1/2		in.
Diameter of flange	4 1/2	5	5 1/2		in.
Length of shaft	26	28	30 1/2		in.
Diameter of shaft	1 7/16	1 7/16	1 7/16		in.
Size of hole in saw	1 3/8	1 3/8	1 3/8		in.
Weight	42	50	63		lbs
Each	$12.00	13.75	15.00		
Nos.	**8**	**9**	**10**		
Diameter of pulley	6	7	8		in.
Face of pulley	7	8	8		in.
Diameter of flange	6	6	6		in.
Length of shaft	32 1/2	37	41		in.
Diameter of shaft	1 5/16	1 13/16	1 13/16		in.
Size of hole in saw	1 1/2	1 5/8	1 5/8		in.
Weight	82	120	131		lbs.
Each	$19.50	23.50	28.00		

When ordering saw mandrels, send sketch and give distance from saw to end of mandrel, if the pulley is between the bearings. If the pulley is on the end of mandrel, give distance from saw to inside edge of pulley. Also, whether the pulley is on the right or left hand side of mandrel when saw is running toward you. Mandrels are made with pulley on right hand side, with left hand thread, unless otherwise ordered.

GUMMERS, CUTTERS, SWAGES AND HANDLES.

VICTOR SAW GUMMERS.



Self-Feeding, Complete, with One Cutter Shaft, Cutter Grinder and Three Cutters.

No. 1—Large shaft for 1, 1⅛, 1¼, 1⅜ and 1½ in. cutters.....each $18.00
No. 2—Medium shaft for ½, ⅝, ¾ and ⅞ in. cutters.....each 18.00
No. 3—Small shaft for ⅜ in. cutter each..... 18.00

Extra shafts can be furnished with gummers, so that all above sizes can be used in one machine, if so desired. In ordering, specify size of cutter wanted.

The Victor is made of the very best material, the lighter parts being of malleable iron and the shaft of steel, making it light and at the same time strong. It will gum all saws, from a small circular saw (with ⅜ in. gullet), to the largest made (with 1½ in. gullet); also all mill, mulay and cross-cut saws. When properly adjusted, all the gullets will be of the same depth; the gummers can be set to gum at any angle, from horizontal to perpendicular, by simply turning the circular plate.

ONE IN A BOX. WEIGHT 25 LBS.

GUMMER CUTTERS.

Inches	½	⅝	¾	⅞	
Each	$0.30	.35	.40	.45	
Inches	1	1⅛	1¼	1⅜	1½
Each	$0.50	.60	.70	.80	.90

Cutters for No. 2 gummer have ⅝ in. hole. Cutters for No. 1 gummer have ⅜ in. hole.

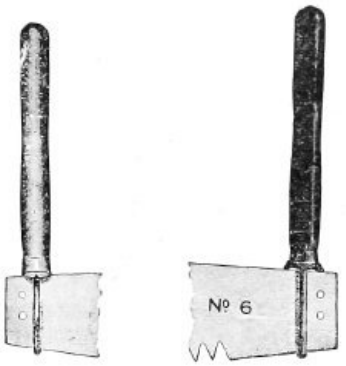
The 1 in. to 1½ in. cutters are for the No. 1 gummer; the ½ in. to ⅞ in. for the No. 2 gummer.

SAW SWAGES.

Swage; Jumper or Upset.

No. 1—CONQUEROR, for large circular saws, polished steel, carefully hardened and tempered, with b ued polished extra steel band, length 4¾ in., w't 8 oz....each $3.00
No. 2—For small circular saws and mill saws, otherwise same as No.1.....each 2.50

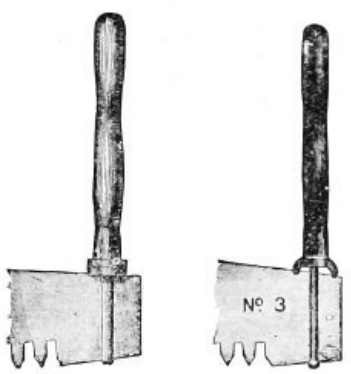
CROSS-CUT SAW HANDLES.



No. 010. No. 6.

Malleable Loop, Short Malleable Ferrule.

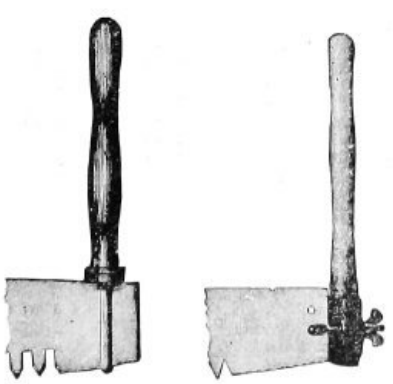
No. 010—Plain handle, w't per pr. 1¼ lbs. per pair..... $0.20
No. 6—ATKINS, varnished handle, w't per pr. 1¼ lbs.....per pair .24



No. 8. No. 3.

Atkins.

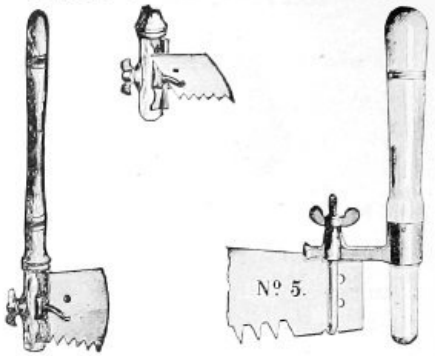
No. 8—Malleable loop, extra heavy long malleable ferrule, varnished handle, w't per pr. 2¼ lbs.....per pair $0.30
No. 3—Heavy malleable loop, long malleable ferrule, varnished handle, w't per pr. 1¾ lbs., per pair. ..... .36



No. 1 No. 4.

No. 1—ATKINS,' wrought loop, extra heavy long malleable ferrule, varnished handle, t per pr. 2¼ lbs.,..per pair $0.45
No. 4—CLIMAX, reversible, plain handle, w't per pr. 1¾ lbs.....per pair .22

CROSS-CUT SAW HANDLES.



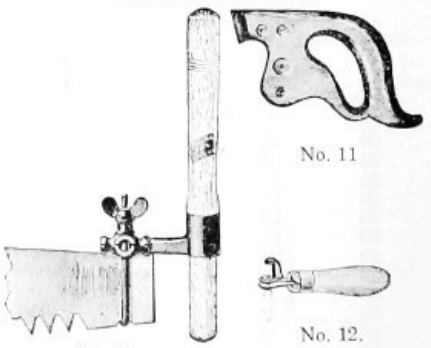
No. 18. No. 5.

No. 18—CHAMPION, reversible, plain handle, w't per pr. 1¼ lbs.....per pair $0.26
No. 5—Malleable loop and arm, plain handle, w't per pr. 2½ lbs....per pair .40

No. 111. No. 108.

No. 111—ATKINS', malleable clasp, metal parts tinned, fancy polished, w't per pr. 2¾ lbs.....per pair $0.30
No. 108—ATKINS', malleable iron loop, metal parts tinned, polished handle, w't per pr. 2¾ lbs.....per pair .35

FIFTY PAIRS IN A CASE.



No. 11

No. 17. No. 12.

No. 17—Reversible, malleable loop and arm, plain handle, w't per pr. 2½ lbs., per pair..... $0.42
No. 10—One-man, 3 screw holes, applewood, for Ajax, Disston's, or Atkins' saws, w't per doz. 7¼ lbs....per dozen 4.50
No. 13—One-man, without screw holes, otherwise same as No. 10, w't per doz. 7¼ lbs .....per dozen 4.50
No. 11—One-man, 4 screw holes, applewood, for Ajax, Disston's, or Atkins' saws, w't per doz. 7¾ lbs....per dozen 4.50
No. 12—One-man supplementary, malleable ferrule and clamp, length 6 in., w't per doz. 4 lbs .....per dozen 3.00

CROSS-CUT SAWS.

HOLLOW BACK, CHAMPION TOOTH.

"OUR VERY BEST".

Finest Crucible Steel, Specially Hardened and Tempered, Taper-Ground, Polished, without Handles.

GVD—Feet	5	5½	6	6½
Weight	3½	3¾	4	5 lbs.
Each	$1.80	1.98	2.16	2.34

AJAX, Cast Steel, Polished, without Handles.

No. 7—Feet	5	5½	6	6½
Weight	3½	4¼	4¾	5 lbs.
Each	$1.80	1.98	2.16	2.34

DISSTON'S Cast Steel, Polished, without Handles.

No. 8—Feet	5	5½	6	6½
Weight	3½	4	4½	5 lbs.
Each	$1.80	1.98	2.16	2.34

CHAMPION TOOTH.

AJAX, Cast Steel, Polished, Thin Back, Graduated from 14 to 16 Gauge, without Handles.

No. 9—Feet	5	5½	6	6½	7
Weight	7½	8	8½	9	9½ lbs.
Each	$2.70	2.97	3.24	3.51	3.78

DISSTON'S, Cast Steel, Polished, Thin Back, Graduated from 14 to 16 Gauge, without Handles.

No. 2—Feet 4½	5	5½	6	6½	7
Weight 5½	6½	7	8	9½	10¼ lbs.
Each $2.43	2.70	2.97	3.24	3.51	3.78

DISSTON'S, Cast Steel, Polished, Extra Thin Back, Graduated from 14 to 18 Gauge, without Handles.

No. 1—Feet	4	5	5½	6	6½
Weight	4¼	5½	6½	7	7½ lbs.
Each	$2.40	3.00	3.30	3.60	3.90

COMMON TOOTH.

DISSTON'S, Cast Steel, Patent Ground, without Handles.

No. 6—Feet	4	4½	5	5½	6
Weight	3½	4¼	5½	6½	7 lbs.
Each	$2.32	2.61	2.90	3.19	3.48

TUTTLE TOOTH.

"OUR VERY BEST".

Finest Crucible Steel, Especially Hardened and Tempered, Taper-Ground, Polished, Graduated 14 to 19 Gauge, without Handles.

GVD—Feet	5	5½	6	6½
Weight	5	6	6¾	7½ lbs.
Each	$3.00	3.30	3.60	3.90

The foundation of these saws is a special process steel, carefully inspected and tested in order to insure uniformity. Great care has been given to hardening and tempering to secure the proper degree of hardness and toughness.

DISSTON'S, Spring Steel, Extra Thin Back, Graduated from 14 to 19 Gauge, without Handles.

No. 3—Feet	5	5½	6	6½
Weight	4½	5½	6¾	7¼ lbs.
Each	$3.00	3.30	3.60	3.90

ATKINS', Cast Steel, Graduated from 14 to 18 Gauge, without Handles.

No. 4—Feet	5	5½	6	6½
Weight	5	6	7	7¾ lbs.
Each	$2.50	2.76	3.00	3.26

ATKINS', Cast Steel, Graduated from 14 to 19 Gauge, without Handles.

No. 5—Feet	5	5½	6	6½	7
Weight	5	5½	6¼	7¾	9 lbs.
Each	$3.00	3.26	3.50	3.76	4.00

ATKINS', Concave Tooth, Cast Steel, Graduated from 14 to 19 Gauge, without Handles.

No. 10—Feet	5	5½	6	6½	7
Weight	5	6	7¼	8½	9¾ lbs.
Each	$4.00	4.40	4.80	5.20	5.60

DIAMOND.

ATKINS', Special Steel, Diamond, Graduated from 14 to 18 Gauge, without Handles.

No. 11—Feet	5	5½	6	6½
Weight	4½	5½	7¼	7¾ lbs.
Each	$2.80	3.08	3.36	3.64

SAWS.

PERFORATED LANCE TOOTH CROSS-CUT SAWS.

DISSTON'S, Spring Steel, Extra Thin Back, Graduated from 14 to 18 Gauge, without Handles.

No. 16—Feet	5½	6	6½	
Weight	5¼	6¾	7½	lbs.
Each	$3.74	4.08	4.42	

SIMONDS' CRESCENT GROUND CROSS-CUT SAWS.

SIMONDS' Cast Steel, Polished, 14 to 19 Gauge, without Handles.

No. 17—Feet	4½	5	5½	6	6½	7	
Weight	4½	5	5½	6½	8¼	10	lbs.
Each	$2.90	3.50	4.10	4.80	5.50	6.30	

SIMONDS' CRESCENT GROUND PERFORATED LANCE TOOTH CROSS-CUT SAWS.

Cast Steel, Polished, 14 to 19 Gauge, without Handles.

No. 22—Feet	5	5½	6	6½	
Weight	5	5½	6½	8¼	lbs.
Each	$3.50	4.10	4.80	5.50	

NEW CANADIAN RAZOR STEEL RACER CROSS-CUT SAWS.

Elliptic Ground, Secret Temper, Extra Thin Back, Graduated from 12 to 17 Gauge, without Handles.

No. 18—Feet	6	6½	
Weight	6⅞	8¼	lbs.
Each	$6.72	7.28	

WAGON ICE SAWS.

DISSTON'S, Cast Steel, Polished, Japanned Iron Handle.

Inches	26	28	30	
W't per doz	42	47	55	lbs
Per dozen	$20.00	21.00	22.00	

ONE-THIRD DOZEN IN A BUNDLE.

POND ICE SAWS.

DISSTON'S, Cast Steel, Polished, Set and Sharpened, 10 Gauge, Tapered from 7 to 5 Inches, with Tiller Handle.

No. 40—Feet	4	4½	5	
Weight	10	12	13	lbs.
Each	$4.85	5.30	5.75	

CHAMPION TOOTH ONE-MAN SAWS.

"OUR VERY BEST".

Spring Steel, Patent Ground and Tempered, Polished, Extra Wide Blade, Nickel Plated Screws, with Supplementary Handle.

~~OVB~~—Feet	2½	3	3½	4	4½	5	
Weight	2½	3½	4¼	5	6¾	7¼	lbs.
Each	$2.65	2.65	3.10	3.50	4.00	4.45	

ONE-QUARTER DOZEN IN A BUNDLE.

Cast Steel, Polished, with Supplementary Handle.

Feet	2½	3	3½	4	4½	5	
Weight	3	3¾	4	5¼	6	6½	lbs
Ajax Champion Tooth . . each	$2.25	2.25	2.60	3.00	3.35	3.70	
Disston's Champion Tooth "	2.25	2.25	2.60	3.00	3.35	3.70	

ONE-QUARTER DOZEN IN A BUNDLE.

GREAT AMERICAN ONE-MAN SAWS.

DISSTON'S, Cast Steel, Polished, with Supplementary Handle.

No. 25—Feet	3	3½	4	4½	5	
Weight	3	4¼	5¼	6	7½	lbs.
Each	$2.55	2.85	3.25	3.65	4.10	

ONE-QUARTER DOZEN IN A BUNDLE.

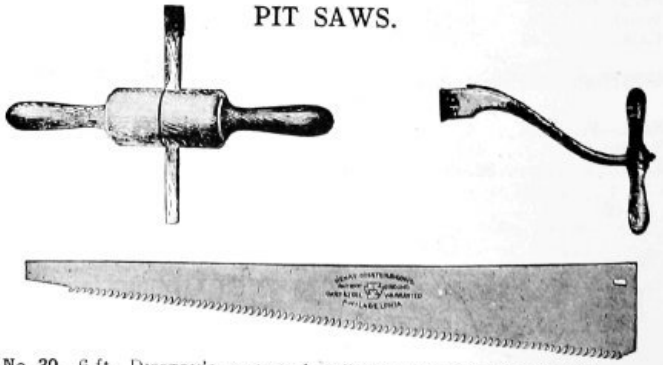
LANCE TOOTH ONE-MAN SAWS.

DISSTON'S, Spring Steel, Polished, with Supplementary Handle.

No. 27—Feet	3½	4	4½	
Weight	4¼	5½	6¼	lbs
Each	$3.10	3.50	4.00	

ONE-QUARTER DOZEN IN A BUNDLE.

PIT SAWS.



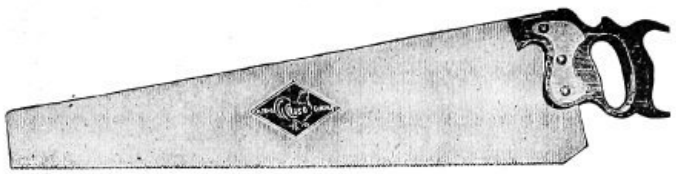
No. 30—6 ft., DISSTON'S, cast steel, polished, with tiller handle and box. . . . . each $7.90

No. 30—7 ft., DISSTON'S, cast steel, polished, with tiller handle and box. . . . . each 8.90

HAND AND RIP SAWS.

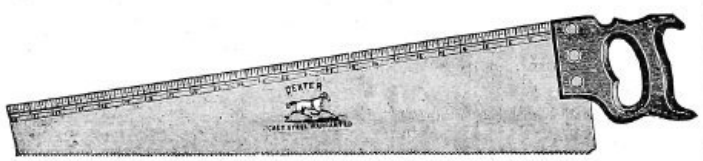
No. 50—SAM SICKLES' 26 in., hand, cast steel, beech handle, polished edge, 3 screws, 5, 6, 7, 8 and 9 points, w't per doz. 21 lbs., per dozen..... $8.00

HALF DOZEN IN A BOX.



"Cruso," 26 in., hand, cast steel, polished black walnut handle, 3 screws, raised steel plate, 5, 6, 7, 8 and 9 points, w't per doz. 21 lbs.....per dozen $10.00

HALF DOZEN IN A BOX.



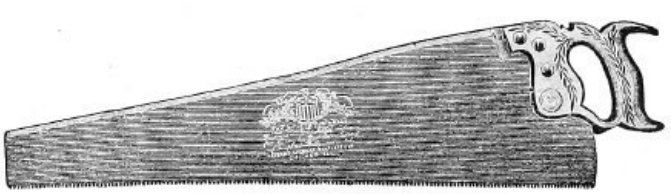
No. 60—DEXTER, 26 in., combination hand, with 24 in. square and rule, straight edge, 3 screws, 6, 7, 8 and 9 points, w't per doz. 20 lbs.....per dozen $ 8.80

HALF DOZEN IN A BOX.

"I Will," 26 in., *hand*, cast steel grained blade, etched, skew back, polished beech handle, 4 screws, 5, 6, 7, 8, 9 and 10 points, w't per doz. 22 lbs.....per dozen $12.00

"I Will," 28 in., *rip*, cast steel grained blade, etched, skew back, polished beech handle, 4 screws, 4½, 5, 5½ and 6 points, w't per doz. 27 lbs.....per dozen 16.00

ONE-THIRD DOZEN IN A BOX.



"U. S. A.," 26 in., *hand*, finest quality blued steel blade, patent ground and tempered, polished skew back, carved and polished apple handle, 4 nickel plated raised screws, fully warranted, 6, 7, 8, 9, 10, 11 and 12 points, w't per doz. 29 lbs.....per dozen $24.00

"U. S. A.," 26 in., *rip*, finest quality blued steel blade, patent ground and tempered, polished skew back, carved and polished apple handle, 4 nickel plated raised screws, fully warranted, 5, 5½ and 6 points, w't per doz. 29 lbs.....per dozen 24.00

"U. S. A.," 28 in., *rip*, 4½, 5, 5½ and 6 points, otherwise same as above, w't per doz. 33 lbs.....per dozen 28.00

ONE IN A BOX.

No. 82—"OUR VERY BEST," 26 in., *hand*, extra cast steel grained blade, skew back, apple handle, polished and etched, 4 plated brass screws, 6, 7, 8, 9, 10, 11 and 12 points, w't per doz. 23 lbs., per dozen..... $24.00

No. 82—"OUR VERY BEST," 26 in., *rip*, extra cast steel grained blade, skew back, apple handle, polished and etched, 4 plated brass screws, 5, 5½ and 6 points, w't per doz. 23 lbs., per dozen..... 24.00

No. 82—"OUR VERY BEST," 28 in., *rip*, 4½, 5, 5½ and 6 points, otherwise same as above, w't per doz. 25 lbs.....per dozen 28.00

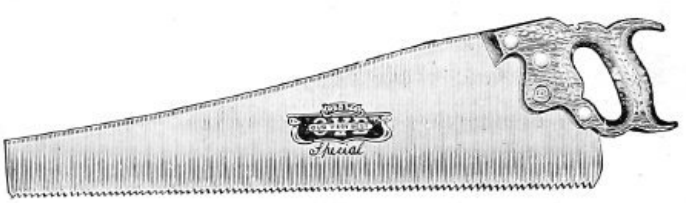
Skip pattern is about one inch narrower than hand, the full length of saw.

No. 82—"OUR VERY BEST," 26 in., *ship carpenters' hand*, extra cast steel grained blade, apple handle, polished and etched, 4 plated brass screws, 7, 8, 9, 10 and 12 points, w't per doz. 19 lbs., per dozen..... $24.00

ONE-THIRD DOZEN IN A BOX.

No. 17—"OUR VERY BEST," 26 in., *special hand*, extra cast steel grained blade, straight back, carved cherry handle, 4 nickel plated screws, 6, 7, 8, 9, 10 and 12 points, w't per doz. 25 lbs., per dozen..... $27.00

ONE IN A BOX.



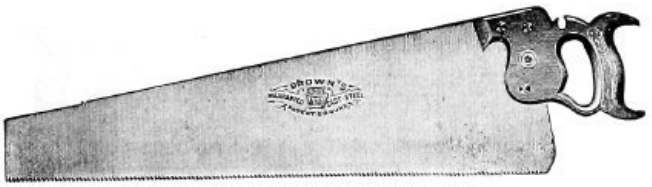
No. 18—"OUR VERY BEST," 26 in., *special hand*, extra cast steel grained blade, sway back, carved sweet mountain cherry handle, 4 brass screws, 6, 7, 8, 9, 10 and 12 points, w't per doz. 24½ lbs., per dozen..... $28.00

ONE IN A BOX.

"Rev-o-noc," 26 in., *hand*, cast steel blued blade, etched, skew back, polished beech handle, 3 screws, 5, 6, 7, 8, 9 and 10 points, w't per doz. 24 lbs.....per dozen $15.00

ONE-THIRD DOZEN IN A BOX.

HAND AND RIP SAWS.



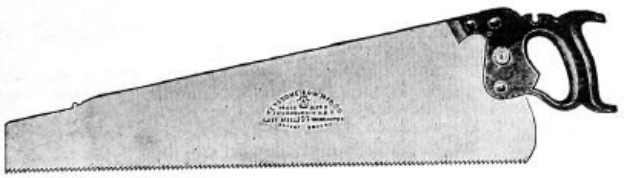
No. 3—26 in., BROWN'S, *hand*, grained blade, beech handle, polished edge, 4 screws, full width, 5, 6, 7, 8 and 9 points, w't per doz., 27 lbs.....per dozen $13.50

No. 3—28 in., BROWN'S, *rip*, grained blade, beech handle, polished edge, 4 screws, full width, 4½, 5 and 5½ points, w't per doz. 29 lbs.....per dozen 16.50

ONE-THIRD DOZEN IN A BOX.

No. 107—26 in., KEYSTONE, *hand*, cast steel, grained blade, etched, and warranted, beech handle, polished edge, 4 screws, 5, 6, 7, 8, 9 and 10 points, w't per doz. 25 lbs.....per dozen $17.50

ONE-THIRD DOZEN IN A BOX.



No. 7—26 in., DISSTON'S, *hand*, cast steel, grained blade, thin back, etched, beech handle, polished edge, 4 improved screws, 5, 6, 7, 8, 9, 10, 11 and 12 points, w't per doz. 24 lbs.....per dozen $20.00

No. 7—28 in., DISSTON'S, *hand*, 6, 7 and 8 points, otherwise same as above, w't per doz. 30 lbs.....per dozen 23.50

No. 7—28 in., DISSTON'S, *rip*, cast steel, grained blade, etched, beech handle, polished edge, 4 improved screws, 4, 4½, 5, 5½ and 6 points, w't per doz. 30 lbs.....per dozen 23.50

ONE-THIRD DOZEN IN A BOX.

No. 7S—26 in., DISSTON'S, Ship pattern, *hand*, cast steel, grained blade, thin back, etched, beech handle, polished edge, 4 improved screws, 7, 8, 9 and 10 points, w't per doz. 24 lbs.....per dozen $20.00

ONE-THIRD DOZEN IN A BOX.

No. 76—26 in., DISSTON'S, *hand*, cast steel, skew back, polished apple handle, 4 screws, 6, 7, 8, 9, 10 and 12 points, w't per doz. 26 lbs.....per dozen $21.00

No. 76—28 in., DISSTON'S, *rip*, cast steel, skew back, polished apple handle, 4 screws, 4½, 5, 5½ and 6 points, w't per doz. 28 lbs., per dozen..... 24.50

ONE-THIRD DOZEN IN A BOX.

No. 8—26 in., DISSTON'S, *hand*, spring steel, grained blade, etched, apple handle, polished edge, 4 improved screws, 7, 8, 9, 10, 11 and 12 points, w't per doz. 24 lbs.....per dozen $21.50

No. 8—28 in., DISSTON'S, *rip*, spring steel, grained blade, etched, apple handle, polished edge, 4 improved screws, 4½, 5, 5½ and 6 points, w't per doz. 31 lbs.....per dozen 24.50

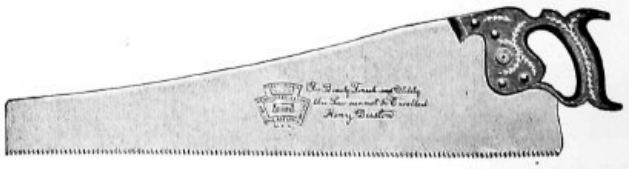
ONE-THIRD DOZEN IN A BOX.

No. D8—26 in., DISSTON'S, *hand*, cast steel, grained blade, etched, skew back, apple handle, polished edge, 5 improved screws, 6, 7, 8, 9, 10, 11 and 12 points, w't per doz. 24 lbs.....per dozen $22.50

No. D8—26 in., DISSTON'S, *rip*, cast steel, grained blade, skew back, apple handle, polished edge, 5 improved screws, 5, 5½ and 6 points, w't per doz. 27 lbs.....per dozen 22.50

No. D8—28 in., DISSTON'S, *rip*, 4, 4½, 5, 5½ and 6 points, otherwise same as above, w't per doz. 30 lbs.....per dozen 25.50

ONE-THIRD DOZEN IN A BOX.



No. D100—26 in., DISSTON'S, *hand*, spring steel, patent ground and tempered blade, etched, skew back, carved apple handle, polished, 5 improved screws, 7, 8, 9, 10, 11 and 12 points, w't per doz. 25 lbs.....per dozen $25.00

No. D100—28 in., DISSTON'S, *rip*, spring steel, patent ground and tempered blade, etched, graduated teeth, skew back, carved apple handle, polished, 5 improved screws, 4½, 5, 5½ and 6 points, w't per doz. 29 lbs.....per dozen 28.00

ONE-THIRD DOZEN IN A BOX.

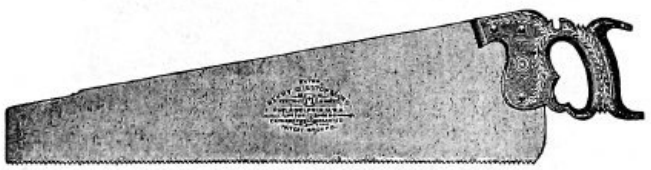
HAND, RIP AND PLUMBERS' SAWS AND SAW SCREWS.

HAND AND RIP.

No. D100S—26 in., DISSTON'S, Ship pattern, *hand*, spring steel, patent ground and tempered blade, etched, skew back, carved apple handle, polished, 5 improved screws, 7, 8, 9, 10, 11 and 12 points, w't per doz. 25 lbs.....per dozen $25.00

No. D100S—26 in., DISSTON'S, Ship pattern, *rip*, 5, 5½ and 6 points, otherwise same as above, w't per doz. 25 lbs.....per dozen 25.00

ONE-THIRD DOZEN IN A BOX.



No. 12—26 in., DISSTON'S, *hand*, extra refined London spring steel, selected and highly polished blade, handle carved and polished, 4 raised brass screws, 7, 8, 9, 10, 11 and 12 points, w't per doz. 26 lbs.....per dozen $29.00

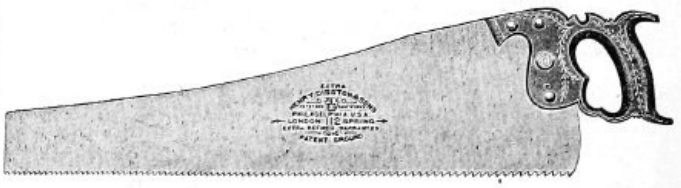
No. 12—28 in., DISSTON'S, *hand*, 6, 7 and 8 points, otherwise same as above, w't per doz. 30 lbs.....per dozen 33.00

No. 12—26 in., DISSTON'S, *rip*, 5, 5½ and 6 points, otherwise same as above, w't per doz. 25 lbs.....per dozen 29.00

No. 12—28 in., DISSTON'S, *rip*, extra refined London spring steel, selected and highly polished blade, handle carved and polished, 4 raised screws, 4, 4½, 5, 5½ and 6 points, w't per doz. 31 lbs., per dozen..... 33.00

ONE-THIRD DOZEN IN A BOX.

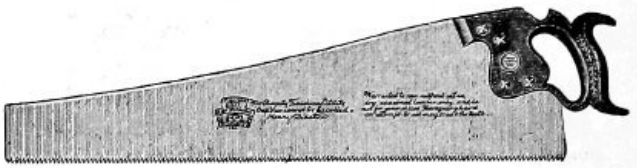
HAND AND RIP.



No. 112—26 in., DISSTON'S, *hand*, extra refined London spring steel, selected and highly polished skew back blade, carved and polished apple handle, 4 improved brass screws, 7, 8, 9, 10, 11 and 12 points, w't per doz. 27 lbs.....per dozen $30.00

No. 112—28 in., DISSTON'S, *rip*, extra refined London spring steel, selected and highly polished skew back blade, carved and polished apple handle, 4 improved brass screws, 4½, 5, 5½ and 6 points, w't per doz. 32 lbs.....per dozen 34.00

ONE-THIRD DOZEN IN A BOX.



No. 120—26 in., DISSTON'S ACME, *hand*, extra London spring steel, skew back, carved and polished apple handle, 5 screws, runs entirely without set in dry seasoned lumber, 8, 9, 10, 11 and 12 points, w't per doz. 25 lbs.....per dozen $32.00

No. 120—28 in., DISSTON'S ACME, *rip*, extra London spring steel, skew back, carved and polished apple handle, 5 screws, runs entirely without set in dry seasoned lumber, 4½, 5, 5½ and 6 points, w't per doz. 27 lbs.....per dozen 36.00

ONE-THIRD DOZEN IN A BOX.

PLUMBERS'.

"OUR VERY BEST".

CVB—20 in., special steel blade tempered to suit purpose of sawing nails and metal without injury to teeth, can be resharpened, adjustable carved handle, nickeled trimmings, w't per doz. 11 lbs.....per dozen $16.00

This saw will prove most successful where nails are numerous and ruinous to all tools not adapted to cut them. In wood it makes a smooth cut. The handle can be adjusted to suit any pitch of blade required for the work and can be instantly fastened.

SAW SCREWS.

No. 1

No. 2.

No. 4.

No. 5.

No 6.

No. 1—Brass, diameter ½ in., w't per doz. ⅛ lb.....per dozen $0.42
No. 2—Brass, diameter ⅝ in., w't per doz. ¼ lb.....“ .48
No. 3—Brass, small eagle, diameter ⅞ in., w't per doz. ⅜ lb.....“ .60
No. 4—Brass, large eagle, diameter 1 in., w't per doz. ½ lb.....“ .70
No. 5—Brass, raised, diameter ⅜ in., w't per doz. ¼ lb.....“ .48
No. 6—Iron, raised, diameter ⅜ in., w't per doz. ⅜ lb.....“ .60

ONE DOZEN IN A BOX.

PANEL SAWS.

No. 75—22 in. ECONOMY, cast steel, etched, beech handle, 2 screws, assorted 8 to 10 points, w't per doz. 16 lbs.....per dozen $5.00
HALF DOZEN IN A BOX.

Sam Sickles', Cast Steel, Beech Handle, Polished Edge, Two Screws.

No. 50—Inches.	14	16	18	20	22
W't per doz.	9	10	12	14	16 lbs.
Per dozen	$4.80	5.40	5.80	6.40	6.90

8, 9, 10 AND 11 POINTS. HALF DOZEN IN A BOX.

Brown's, Grained Blade, Etched, Beech Handle, Polished Edge, Three Screws.

No. 3—Inches.	18	20	22
W't per doz.	13½	16	18 lbs.
Per dozen	$9.25	10.50	11.50

7, 8, 9, 10 AND 12 POINTS. ONE-THIRD DOZEN IN A BOX.

H. S. B. & Co's "I Will," Cast Steel Grained Blade, Etched, Skew Back, Polished Beech Handle, Three Screws.

No. 80—Inches	18	20	22
Points	8, 9, 10 and 11	8, 9, 10, 11 and 12	8, 9, 10, 11 and 12
W't per doz.	13	15	18 lbs.
Per dozen	$9.00	9.75	10.50

ONE-THIRD DOZEN IN A BOX.

"Our Very Best", Extra Cast Steel, Patent Ground, Skew Back, Carved and Polished Apple Handle, Four Plated Screws.

No. 82—Inches.	18	20	22	24
W't per doz.	12	15	17	20 lbs.
Per dozen	$17.50	19.00	20.00	22.00

No. 82—"OUR VERY BEST," 24 in., ship pattern, 8, 9, 10 and 11 points, w't per doz. 17 lbs.....per dozen $22.00
18, 20 AND 22 IN. 8, 9, 10, 11, 12 POINTS. 24 IN. 8, 9, 10, 11 POINTS. ONE-THIRD DOZEN IN A BOX.

"U. S. A.," Finest Quality Blued Steel Blade, Patent Ground and Tempered, Polished Skew Back, Carved and Polished Apple Handle, Nickel Plated Raised Screws, Fully Warranted.

No. 100—Inches.	18	20	22	24
W't per doz.	14	17	20	23 lbs.
Per dozen	$19.50	21.00	22.50	24.00

18 TO 22 IN., 8, 9, 10, 11 AND 12 POINTS. 24 IN., 9, 10, 11 AND 12 POINTS. ONE IN A BOX.

Disston's, Grained Blade, Etched, Beech Handle, Polished Edge, Three Screws.

No. 7—Inches.	16	18	20	22	24
W't per doz.	11	13	15	18	21 lbs.
Per dozen	$13.00	14.00	16.00	18.00	19.00

7, 8, 9, 10, 11 AND 12 POINTS. ONE-THIRD DOZEN IN A BOX.

Disston's, Cast Steel, Skew Back, Grained Blade and Etched, Polished Apple Handle, Four Improved Screws, Warranted.

No. D8—Inches.	18	20	22	24
W't per doz.	12	15	18	19 lbs.
Per dozen	$16.25	18.00	20.00	21.50

8, 9, 10, 11 AND 12 POINTS. ONE-THIRD DOZEN IN A BOX.

Disston's, Spring Steel, Patent Ground and Tempered, Skew Back, Polished Apple Handle, Four Improved Screws.

No. D100—Inches.	18	20	22	24
W't per doz.	13	16	19	21 lbs.
Per dozen	$18.25	20.00	22.00	23.50

9, 10, 11 AND 12 POINTS. ONE-THIRD DOZEN IN A BOX.

No. D100S—22 in., ship. 10, 11 and 12 points, w't per doz. 16½ lbs., per dozen..... $22.00
No. D100S—24 in., ship, 10, 11 and 12 points, w't per doz. 19 lbs., per dozen..... 23.50
ONE-THIRD DOZEN IN A BOX.

Disston's, Extra London Spring Steel Blade, Selected and Highly Polished Apple Handle, Carved, Four Improved Screws.

No. 12—Inches.	18	20	22	24
W't per doz.	13	16	19	21 lbs.
Per dozen	$20.75	23.00	25.00	27.00

8, 9, 10, 11 AND 12 POINTS. ONE-THIRD DOZEN IN A BOX.

Disston's, Extra Refined London Spring Steel, Highly Polished Skew Back Blade, Selected and Polished Apple Handle, Carved.

No. 112—Inches.	18	20	22	24
W't per doz.	13	16	19	21 lbs.
Per dozen	$21.75	24.00	26.00	28.00

10, 11 AND 12 POINTS. ONE-THIRD DOZEN IN A BOX.

SAWS AND BLADES.

COMPASS SAWS.

SAM SICKLES', Cast Steel, Polished, Beech Handle, Brass Screws.

No. 50—Inches..	10	12	14	
W't per doz.	4	4½	5	lbs.
Per dozen.....	$2.70	2.80	3.00	

Disston's, Cast Steel, Polished, Apple Handle, Brass Screws.

No. 2—Inches..	10	12	14	16	
W't per doz. ..	5	5¼	5½	6	lbs.
Per dozen $4.25		4.50	4.75	5.00	

HALF DOZEN IN A BOX.

"OUR VERY BEST".

Polished Blade, Cherry Handle, Two Nickel Plated Screws.

D-VB—12 in., w't per doz. 5½ lbs per dozen $4.80

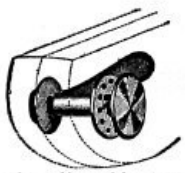
D-VB—14 in., w't per doz. 6 lbs per dozen 5.00

HALF DOZEN IN A BOX.

DISSTON'S, Interchangeable, Cast Steel Blade, Detachable Beechwood Handle.

No. 4—12 in., w't per doz. 6 lbs., per dozen			$5.00
No. 4—14 in., w't per doz. 7 lbs.,		"	5.50
No. 2—12 in., extra blades.....		"	2.75
No. 2—14 in., extra blades.....		"	3.00

SAWS, ONE-QUARTER DOZEN; BLADES, ONE DOZEN IN A BOX.



No. 9—DISSTON'S, adjustable, 14 in., cast steel blade, applewood handle, w't per doz. 7¼ lbs.....per dozen $6.00

HALF DOZEN IN A BOX.

STAIR BUILDERS' SAWS.

No. 400—DISSTON'S, 6 in. cast steel blade, polished beech handle, brass screws, w't per doz. 8 lbs.....per dozen $4.75

HALF DOZEN IN A BOX.

BACK SAWS.

Jackson's, Cast Steel, Polished, Blued Back, Beech Handle, Polished Edge, 3 Brass Screws.

No. 1—Inches. ..	10	12	14	16	
Depth.....	2¼	2⅝	3¼	3¾	in.
W't per doz.	10	13	17	24	lbs.
Per dozen.....	$10.00	12.00	14.00	16.00	

ONE-THIRD DOZEN IN A BOX.

BACK SAWS.

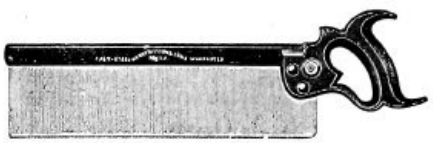
"OUR VERY BEST".

Crucible Steel, Polished Edge, Blued Back, Apple Handle, 3 Brass Screws.

D-VB—Inches	10	12	14	16	
Depth.....	2½	3	3½	4	in.
W't per doz.....	10½	15	18	22½	lbs.
Per dozen $14.00		16.00	18.00	20.00	

D-VB—Inches....	20	24	26	28	
Depth.....	4	4	4	5	in.
W't per doz	31½	36¾	39	44	lbs.
Per dozen.....$24.00		28.00	30.00	36.00	

ONE-THIRD DOZEN IN A BOX.



Disston's, Extra Cast Steel, Polished, Blued Back, Apple Handle, Polished Edge, 3 Brass Screws.

No. 4—Ins. ..	8	10	12
Depth.....	2	2½	3 in.
W't per doz..	9	10	15 lbs.
Per dozen ...	$13.00	14.00	16.00
No. 4—Ins. ..	**14**	**16**	**20**
Depth.....	3½	3⅞	4 in.
W't per doz..	19	24	31 lbs.
Per dozen....	$18.00	20.00	24.00
No. 4—Ins....	**24**	**26**	**28**
Depth.....	4	4	5 in.
W't per doz..	37	43	49½ lbs.
Per dozen....	$28.00	30.00	36.00

The 20 to 28 in. saws are made especially for mitre boxes.

ONE-THIRD DOZEN IN A BOX.

NESTS OF SAWS.

No. 5—DISSTON'S, polished applewood handle, with 2 nickel plated saw screws, 3 detachable cast steel polished blades, making 10 in. key hole saw, 14 in. compass saw, and 18 in. pruning saw, w't per doz. 12 lbs.....per dozen $11.00

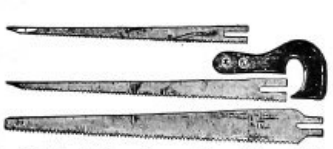
No. 1—Key hole saw blades for above, per dozen 1.75

No. 2—Compass saw blades for above, per dozen 2.75

No. 3—Pruning saw blades for above, per dozen 4.75

No. 15—Handles for above....per dozen 1.75

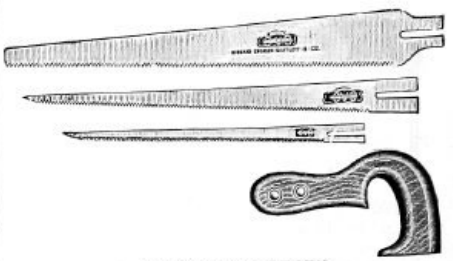
NO. 5, ONE-QUARTER DOZEN; BLADES, ONE DOZEN IN A BOX.



No. 6—Polished beechwood handle, with 2 polished iron saw screws, 3 detachable blades, making 10 in. key hole saw, 14 in. compass saw, and 18 in. pruning saw, w't per doz. 12 lbs.....per dozen $9.00

ONE-QUARTER DOZEN IN A BOX

NESTS OF SAWS.



"OUR VERY BEST".

D-VB—Beech handle, 2 nickel plated screws, 3 detachable steel blades, making 10 in. key hole saw, 14 in. compass saw and 18 in. pruning saw, w't per doz. 10 lbs.....per dozen $11.00

ONE-QUARTER DOZEN IN A BOX.

PLUMBERS' NESTS OF SAWS.

No. 600—DISSTON'S, consists of handle, tightener, and three blades—one 18 in. specially tempered, for wood and metal, one 14 in. compass blade and one 12 in. keyhole blade, w't per doz. 14½ lbs.....per dozen $12.00

The blades are fastened in the handle by means of the special lever device, which is so arranged as to take in the different thicknesses of the various blades, the pin in bolt-head being moved forward or backward as may be required; and this at the same time, permits the keeping of the lever on a line with the handle so it will not interfere with the working of the saw. No screw driver required.

ONE-QUARTER DOZEN NESTS IN A BOX.

KEYHOLE SAWS.

No. 95—DISSTON'S, round hardwood handle, polished, nickel plated ferrule, 10 in. ground thin-back blade, w't per doz. 3 lbs.....per dozen $4.00

The handle is slotted clear through, permitting the adjustment of blade for length of cutting edge required. The blade is firmly held in place by means of a steel grip inside of handle, tightened by nickel plated thumb screw.

HALF DOZEN IN A BOX.

KEYHOLE SAWS AND PADS.

No. 10—DISSTON'S, japanned iron handle, 7 in. cast steel blade, w't per doz. 2½ lbs. per dozen $2.00

No. 15—Iron pad keyhole saw blades, w't per doz. ¼ lb.....per dozen 1.40

ONE DOZEN IN A BOX.

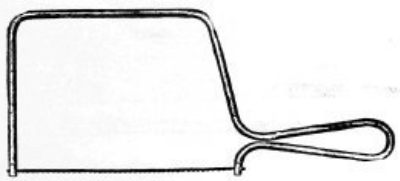
KEYHOLE SAW BLADES.

No. 16—DISSTON'S, polished cast steel, ground, set and sharpened, assorted sizes, 8, 9, 10, 11 and 12 in...per dozen $2.00

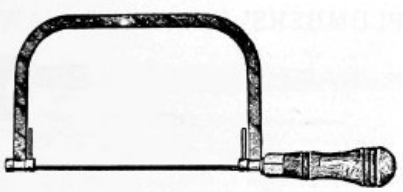
ONE DOZEN IN A BOX.

SAWS, FRAMES AND BLADES.

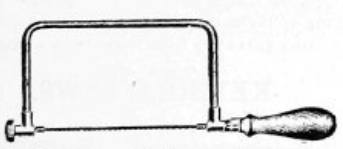
COPING SAWS.



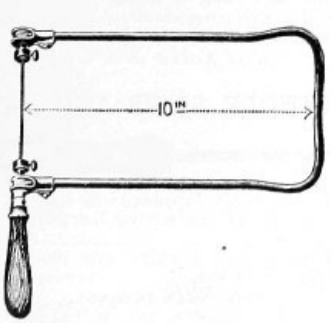
No. 100—¼ in. nickel plated steel frame, 6 in. blade with turned ends, 2 slots, for sawing at right angles, 1 dozen extra blades with each saw, w't per doz. 4¼ lbs .....per dozen $4.50
No. 101—Extra blades for above, per dozen..... .20
SAWS, HALF DOZEN IN A BOX. BLADES, ONE DOZEN IN A BUNDLE.



No. FPM.—$\frac{1}{16}$×6½ in. blade, solid steel frame, oak handle, adjustable to any position, w't per doz. 5¾ lbs., per dozen..... $11.00
Extra Llades for No. FPM.....per dozen .75
These blades are so evenly tempered they will cut light metals as well as wood, and can be filed.
FOUR SAWS IN A BOX. ONE EXTRA BLADE.



No. 110—¼ in. nickel plated steel frame, 4 in. deep, varnished wood handle, blade adjustable to any position, six extra 6 in. blades, w't per doz. 7 lbs.....per dozen $12.00
ONE IN A BOX.

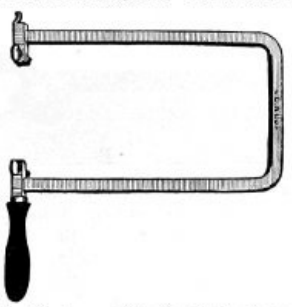


No. 7—10 in. deep, ⅜ in. nickel plated tubular frame, birch handle, 5 in. blade, adjustable to any position, w't per doz. 12 lbs.....per dozen $24.00
The back is tubular, through which runs a cable, connecting the pulleys on both ends of the frame, by which means the saw frame can be turned to any angle desired by the handle without turning the blade or removing it from the work.
ONE IN A BOX.

COPING SAWS.

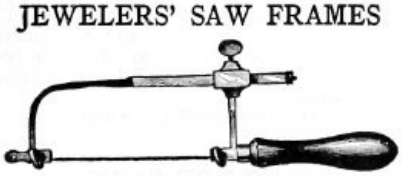
No. 1—JONES', cable, nickel plated frame, hardwood handle, 6 in. blade, depth from blade to back 4 in., complete with one-half dozen blades, w't per doz. 7 lbs. .....per dozen $15.00
This saw is constructed with a tubular back, through which runs a cable connecting both ends of frame, allowing the blade to turn to any angle by simply turning the handle without removing it from work.

BRACKET SAW FRAMES.



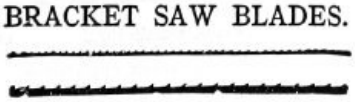
No. 61½—12 in. polished steel frame, ebonized wood handle, for 5 in. blades, w't per doz. 7 lbs.....per dozen $5.00
ONE DOZEN IN A PACKAGE.

JEWELERS' SAW FRAMES



No. 46½—Polished steel frame, beech handle, 2 in. deep, adjustable for blades 2½ to 5 in. long, w't per doz. 2¾ lbs., per dozen..... $8.00
ONE DOZEN IN A PACKAGE.

BRACKET SAW BLADES.



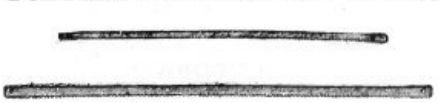
Length 5 Inches.			
Nos. ....**2-0** (finest) to **6** (coarse)	**8**	**10**
Per gross	$1.00	1.20	1.30

ONE GROSS IN A PACKAGE.

SCROLL SAW BLADES.

7 in., widths $\frac{1}{16}$, $\frac{3}{16}$, ⅛, $\frac{3}{32}$, ¼ in., and assorted.....per dozen $1.00

TURNING AND FELLOE WEBS.



Length. ..	**10**	**12**	**14**	**16** in.
Width....	$\frac{3}{16}$ to ¼	$\frac{3}{16}$ to $\frac{5}{16}$	$\frac{3}{16}$ to $\frac{5}{16}$	¼ to $\frac{3}{8}$ in.
Per dozen.	$1.60	1.85	2.10	2.35
Length. ..	**18**	**20**	**22**	**24** in.
Width....	¼ to ½	¼ to ⅝	¼ to ⅝	¼ to ¾ in.
Per dozen.	$2.70	3.00	3.30	3.65
Length.....		**26**	**28**	**30** in.
Width.....		¼ to ¾	¼ to ⅞	¼ to 1 in.
Per dozen.....		$4.00	4.40	4.80

ONE DOZEN ASSORTED IN A PACKAGE.

HACK SAWS.

Keystone, Japanned Malleable Iron Reversible Frame, Polished Steel Blade, Stained Handle.

No. 15—Inches. ..	**8**	**9**	**10**	**12**
W't per doz.	15	15½	16	16½ lbs.
Per dozen.....	$5.85	6.10	6.50	6.90

ONE-SIXTH DOZEN IN A BOX.

Disston's, Tinned Malleable Iron Reversible Frame, Polished Steel Blade, Stained Handle.

No. 20—Inches. ..	**8**	**10**	**12**	**14**
W't per doz.	15	16	16½	17 lbs.
Per dozen.....	$8.30	9.00	9.75	10.75

ONE-THIRD DOZEN IN A BOX.

No. 10—MILLER'S FALLS, nickel plated steel extension frame, with rounded edges, for 8 to 12 in. blades, blade adjustable in position, cocobolo screw-off handle, without blade, w't per doz. 15 lbs.....per dozen $12.00
ONE IN A BOX.

HACK SAW FRAMES.

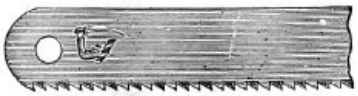
No. 121—8 in. japanned malleable iron, enameled reversible handle, without blade, w't per doz. 11 lbs....per dozen $4.00

No. 4—STAR, 9 in., japanned malleable iron reversible frame, rosewood handle, without blade, w't per doz. 15 lbs., per dozen..... $4.80
HALF DOZEN IN A BOX.

No. 1—CROWN, extension, nickel plated steel frame, extends from 8 to 12 in., enameled handle, without blade, w't per doz. 10 lbs.....per dozen $12.00
ONE IN A BOX.

SAWS AND SAW BLADES.

HACK SAW BLADES



"OUR VERY BEST".

All Hard, Natural Finish, 14, 18 or 23 Points.

No. 1 OVB—Length	8	9	10	12 in.
Width	7/16	1/2	1/2	1/2 in.
Per dozen	$0.65	.70	.85	1.05

14 points is regular, 18 points medium, 23 points fine.

"OUR VERY BEST".

Power, All Hard, Natural Finish.

No. 4 OVB—Length	12	14	12	14
Width	5/8	5/8	3/4	3/4
Per dozen	$1.15	1.25	1.25	1.50

No. 4 OVB—Length	17	17 in.
Width	3/4	1 in.
Per dozen	$2.17	2.50

The distance between holes is half an inch less than the length, a 12-inch saw being 11½ in between center. All are 15 point, except 17×1 in. which is 11 point.

"OUR VERY BEST".

Flexible, Blued, Soft Back, Hard Blade.

No. 2 OVB—Length	8	9	10	12 in.
Width	7/16	1/2	1/2	1/2 in.
Per dozen	$0.65	.70	.85	1.05

No. 2 OVB—5/8x18 in., 14 pt., per dozen $1.75

8 to 12 in. blades have 18 teeth to the inch, made for cutting tool and machinery steel, and all around machinists' work.

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

Star, Natural Finish.

Length	8	9	10	12 in.
Width	7/16	7/16	1/2	1/2 in.
Per dozen	$0.65	.70	.85	1.05

Keystone, Natural Finish.

Length	8	9	10	12 in.
Width	1/2	1/2	1/2	1/2 in.
Per dozen	$0.70	.75	.90	1.10

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

Disston's Polished.

Length	8	10	12	14	16	18 in.
Width	5/8	3/4	3/4	7/8	1	1 in.
Per dozen	$2.30	2.50	2.70	3.25	4.00	4.50

ONE DOZEN IN A BOX.

"O. V. B." regular blades are recommended for cutting soft steel and cast iron. Medium blades are good all-round saws, desirable for cutting tool steel and hard metals. Fine blades are adapted for cutting tool steel, drill rod, iron pipe, sheet metal, brass, etc. Hard blades are preferable to flexible for the average user.

When inserting hand blades strain well in frame. Run slowly (not over 60 strokes a minute.) Bear hard on forward stroke to avoid slipping and lift slightly on backward stroke. Avoid bending sideways, adding pressure as edge of teeth wear and tighten blade in frame after first few cuts.

PRUNING SAWS.

"OUR VERY BEST".

OVB—18 in., double edge cast steel blade, beechwood handle with 3 brass screws, w't per doz. 8¼ lbs.. per dozen $7.75

ONE-THIRD DOZEN IN A BOX.

No. 48—DUPLEX, 18 in. cast steel blade, beech handle, polished edge, 3 screws, w't per doz. 11 lbs.....per dozen $7.75

ONE-THIRD DOZEN IN A BOX.

No. 43—PARAGON, 18 in. cast steel blade, beech handle, polished edge, 3 screws, w't per doz. 11 lbs.....per dozen $10.50

ONE-THIRD DOZEN IN A BOX.

No. 7.

No. 3—20 in., BROWN'S, cast steel blade, apple handle, polished edge, 2 screws, w't per doz. 10½ lbs.....per dozen $ 8.25

No. 7—20 in., DISSTON'S, cast steel blade, apple handle, polished edge, 2 screws, w't per doz. 11 lbs.....per dozen 11.00

ONE-THIRD DOZEN IN A BOX.

No. 50—DISSTON'S, crescent California pattern, 12 in. blade, w't per doz. 8 lbs., per dozen..... $6.50

HALF DOZEN IN A BOX.

No. 55 — DISSTON'S, improved pole pruners, screw socket, japanned frame, 10 in. cast steel saw and 4 in. knife, w't per doz. 25 lbs.....per dozen $11.00

ONE-QUARTER DOZEN IN A BOX.

No. 15—PACIFIC COAST, 14 in. crucible steel blade, blued steel back, hardwood handle, with thumb screw, w't per doz. 18 lbs.....per dozen $16.00

Extra Blades for No. 15..... " 2.50

ONE-SIXTH DOZEN IN A BOX.

PRUNING SAWS.

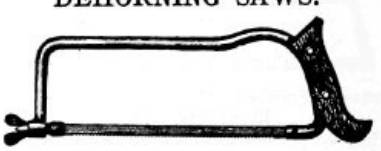
No. 8—DISSTON'S, tapered, polished steel frame, hardwood handle, 14 in. blade, w't per doz. 24 lbs.... per dozen $14.00

ONE-SIXTH DOZEN IN A BOX.

No. 10—DISSTON'S, tapered pole, polished steel frame, socket handle, 14 in. blade, without pole, w't per doz. 36 lbs., per dozen..... $20.00

ONE-SIXTH DOZEN IN A BOX.

DEHORNING SAWS.



No. 1—DISSTON'S, japanned, malleable iron frame, 10 in. polished blade, beech handle, w't per doz. 14 lbs., per dozen $10.00

No. 2—ATKINS', japanned malleable iron frame, 10 in. polished blade, beech handle, w't per doz. 15 lbs., per dozen 8.00

No. 11—10 in. DISSTON'S blades, per dozen..... 1.35

No. 12—10 in. ATKINS' blades, per dozen 1.35

NOS. 1 AND 2, HALF DOZEN; NOS. 11 AND 12, HALF GROSS IN A BOX.

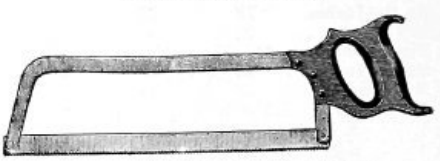
KITCHEN SAWS.

"OUR VERY BEST".

Extra Quality Steel, Finely Polished, Flat Back and Blade, Beech Handle, 3 Brass Screws.

OVB—Inches.	12	14	16	18
W't per doz...	12	13	14	16 lbs.
Per dozen.....	$6.00	6.50	7.00	7.50

HALF DOZEN IN A BOX.



Polished Steel, Flat Back and Blade.

No. 6—Inches	12	14	16	18
W't per doz.	9½	11	12	13 lbs.
Per dozen...	$4.50	5.00	5.50	6.00

HALF DOZEN IN A BOX.

SAW KNIVES.

No. 13—11 in. cast steel blade, combining butcher knife and saw, 5 in. polished beechwood handle, w't per doz. 5 lbs., per dozen..... $5.50

ONE DOZEN IN A BOX.

SAWS AND SAW BLADES.

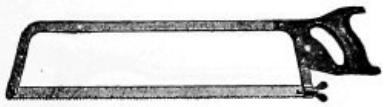
BUTCHERS' SAWS.

"OUR VERY BEST."

Polished Steel Flat Back, 1 Inch Clock Spring Blued Blade.

No. 33—Inches	14	16	18	20	
W't per doz.	25	27	29	30	lbs.
Per dozen	$13.50	15.00	16.50	19.00	
No. 33—Inches	**22**	**24**	**26**		
W't per doz.	31	33	35		lbs.
Per dozen	$21.00	22.50	24.00		

ONE-THIRD DOZEN IN A BOX.



"Cruso," Polished, Flat Steel Back, ¾ Inch Blued Steel Blade.

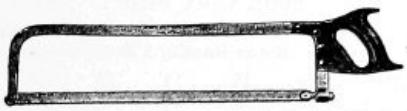
20 in., w't per doz. 26½ lbs... per dozen $12.00
22 in., w't per doz. 28½ lbs... " 13.00

ONE-THIRD DOZEN IN A BOX.

Disston's, Polished Steel Flat Back, 1 Inch Polished Blade.

No. 2—Inches	16	18	20	
W't per doz.	20	21	23	lbs.
Per dozen	$11.50	12.00	12.50	
No. 2—Inches		**22**	**24**	
W't per doz.		24	25	lbs.
Per dozen		$13.25	14.00	

ONE-THIRD DOZEN IN A BOX.



Disston's, Polished Flat Steel Back, ⅝ Inch Polished Blade.

No. 7—Inches	18	20	22	
W't per doz.	26	33	36	lbs.
Per dozen	$14.25	15.00	15.75	
No. 7—Inches	**24**	**26**	**28**	
W't per doz.	38	41	45	lbs.
Per dozen	$16.50	17.25	18.00	

ONE-THIRD DOZEN IN A BOX.

Disston's, Polished Steel Oval Back, 1¼ Inch Polished Blade.

No. 1—Inches	20	22	24	
W't per doz.	20	32	35	lbs
Per dozen	$15.50	16.50	17.50	
No. 1—Inches		**26**	**28**	
W't per doz.		36	45	lbs.
Per dozen		$18.50	19.50	

ONE-THIRD DOZEN IN A BOX.

Size given on butchers' saws is length of blade.

PORK PACKERS' SAWS.

No. 10—Disston's, 18×1 in. polished blade, polished oval back, w't per doz. 20 lbs.....per dozen $13.75

ONE-THIRD DOZEN IN A BOX.

BUTCHERS' SAW BLADES.

"OUR VERY BEST."

Clock Spring, Blued, 1 Inch Wide.

No. 56—Inches	16	18	20
Per dozen	$4.00	4.25	4.50
No. 56—Inches	**22**	**24**	**26**
Per dozen	$4.75	5.00	5.25

ONE DOZEN IN A BOX.

Disston's, Polished Cast Steel, ¾ and 1¼ Inch Wide.

No. 50—Inches	18	20	22
Per dozen	$3.50	3.70	3.90
No. 50—Inches	**24**	**26**	**28**
Per dozen	$4.10	4.30	4.50

It is customary to send 1¼ inches where width is not specified.

ONE DOZEN IN A BOX.

Disston's, Clock Spring, Blued, ¾ Inch Wide.

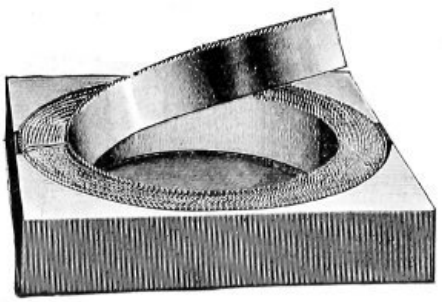
No. 51—Inches	22	24	26	28
Per dozen	$4.10	4.30	4.50	4.75

ONE DOZEN IN A PACKAGE.

Star, Steel, ¾ Inch Wide.

No. 54—Inches	14	16	18	20
Per dozen	$1.08	1.08	1.20	1.20
No. 54—Inches	**22**	**24**	**26**	
Per dozen	$1.32	1.32	1.44	

ONE DOZEN IN A PACKAGE.



"OUR VERY BEST."

Butchers' Coil.

No. 025—⅝ in. × 25 ft., finest quality blued clock spring steel, tempered, set, sharpened and fully warranted, 11 teeth to the inch, w't per coil 1¼ lbs., per coil $3.00

These saw blades are filed, set and refiled after setting. They are first quality in every respect, and can be resharpened if desired. Can be readily cut to any desired length and punched, thus making it unnecessary to carry several sizes in stock.

ONE COIL IN A BOX.

WOOD SAW BLADES.

"OUR VERY BEST"

Fo. 132 GVB—Plain, polished cast steel, set and sharpened, 30 in., w't per doz. 6½ lbs.....per dozen $6.50

HALF DOZEN IN A PACKAGE.

"OUR VERY BEST"

No. 134 GVB—Champion tooth, polished, cast steel, set and sharpened, 30 in., w't per doz. 6⅞ lbs.....per dozen $7.00

HALF DOZEN IN A PACKAGE.

No. 4—Jackson's, cast steel, set and sharpened, 30 in., w't per doz. 7 lbs., per dozen..... $4.00

ONE DOZEN IN A PACKAGE.

No. 6—Disston's, cast steel, patent ground and tempered, set and sharpened, 30 in., w't per doz. 7 lbs.....per dozen $7.50
No. 36—Disston's, 3½ points, otherwise same as No. 6.....per dozen 7.50
No. 11—Disston's, extra cast steel (for wood sawyers), set and sharpened, 30 in., w't per doz. 6¾ lbs....per dozen 11.25

ONE DOZEN IN A PACKAGE.

No. 25—Ajax, cast steel, *blued*, set and sharpened, 30 in., width 1¼ in., w't per doz. 3¾ lbs.....per dozen $4.50
No. 30—Ajax, cast steel, *bright*, set and sharpened, 30 in., width 1¼ in., w't per doz. 3¾ lbs.....per dozen 4.50

NO. 25, ONE DOZEN; NO. 30, HALF DOZEN IN A PACKAGE.

No. 045—Disston's, extra thin back, narrow blued clock spring blade, set and sharpened, 30 in., w't per doz. 5 lbs., per dozen..... $7.50

ONE DOZEN IN A PACKAGE.

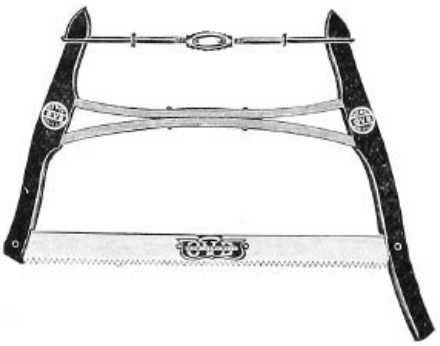
No. 0145—H. S. B. & Co's, extra thin back, narrow blued clock spring blade, set and sharpened, 30 in., w't per doz. 6 lbs.....per dozen $6.00

HALF DOZEN IN A PACKAGE.

No. 78—H. S. B. & Co's, champion tooth, extra cast steel, set and sharpened, 30 in., w't per doz. 7 lbs.....per dozen $6.00

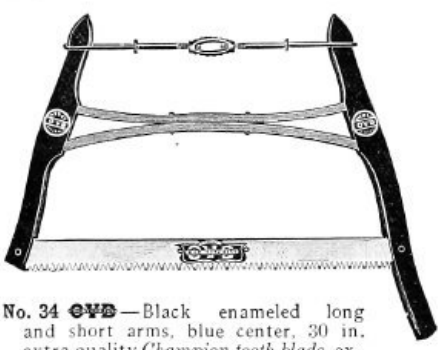
ONE DOZEN IN A PACKAGE.

WOOD SAWS.



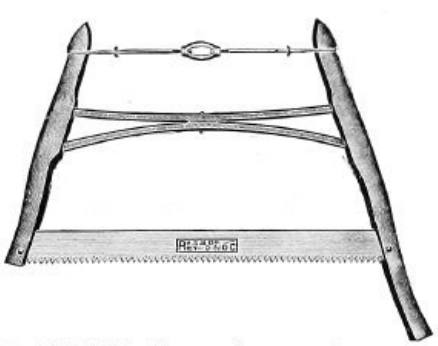
No. 32 OVID—Black enameled long and short arms, blue center, 30 in. extra quality, *plain steel blade*, extra heavy tinned rod, with bronzed turn buckles, w't per doz. 58 lbs..per dozen $12.50

HALF DOZEN IN A BOX.



No. 34 OVID—Black enameled long and short arms, blue center, 30 in. extra quality *Champion tooth blade*, extra heavy tinned rod, with bronzed turn buckles, w't per doz. 58 lbs., per dozen..... $13.00

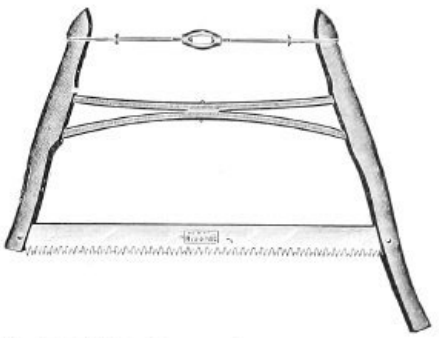
HALF DOZEN IN A BOX.



No. 140 REVONOC—Patent frame, painted red, 30 in. thin back bow belly blade, clipper rod, w't per doz. 55 lbs., per dozen..... $ 9.50

No. 145 REVONOC—Patent frame, painted red, 30 in. thin back clock spring blade, clipper rod, w't per doz. 55 lbs., per dozen..... 10.00

HALF DOZEN IN A CASE.



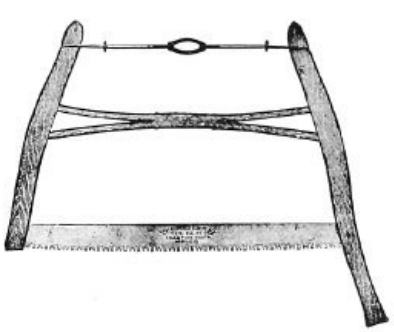
No. 178 REVONOC—Patent frame, painted red, No. 78—30 in. Champion tooth extra cast steel blade, 22 in. clipper rod, w't per doz. 55 lbs.....per dozen $11.00

HALF DOZEN IN A CASE.

No. 40—Patent frame, painted red, Disston's special extra bow belly blade, duplex rod, w't per doz. 58 lbs., per dozen..... $12.50

No. 45—Patent frame, stained and varnished, Disston's clock spring thin back blade, duplex rod, w't per doz. 58 lbs.....per dozen 14.00

HALF DOZEN IN A CASE.

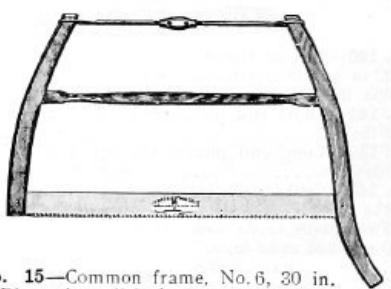


No. 155—Patent frame, selected ash varnished, No. 78, 30 in. Champion tooth blade, 22 in. rod, w't per doz. 58 lbs.....per dozen $13.50

HALF DOZEN IN A CASE.

No. 111—WOOD SAWYER'S DELIGHT, patent frame, selected ash, oiled, Disston's No. 11 extra thin back London spring patent ground blade, extra heavy tinned rod, w't per doz. 58 lbs., per dozen..... $16.00

HALF DOZEN IN A CASE.



No. 15—Common frame, No. 6, 30 in. Disston's polished cast steel blade, clipper rod, w't per doz. 55 lbs., per dozen..... $12.00

No. 430—Common frame, painted red, 30 in. polished steel blade, clipper rod, w't per doz. 55 lbs.....per dozen 8.50

HALF DOZEN IN A CASE.

Boys'.

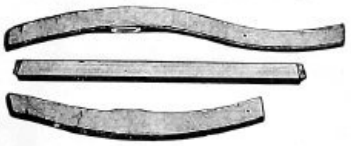
Cut-I-Cure-U, Jr., wood saw and buck, painted red, plain blade, w't per doz. 21 lbs.....per dozen $ 9.00

Boys' Favorite, wood saw and buck, painted red, large, plain blade, w't per doz. 66 lbs.....per dozen 15.00

ONE IN A BOX

WOOD SAW FRAMES, RODS AND BUCKS.

WOOD SAW FRAMES.



No. 1—Common, plain, w't per doz. 24 lbs.....per dozen $2.40
No. 2—Common, painted, w't per doz. 25 lbs.....per dozen 3.20
No. 11—Short end pieces, plain, w't per doz. 9 lbs.....per dozen 1.00
No. 21—Short end pieces, painted, w't per doz. 7 lbs.....per dozen 1.30
No. 12—Long end pieces, plain, w't per doz. 11 lbs.....per dozen 1.10
No. 22—Long end pieces, painted, w't per doz. 9 lbs.....per dozen 1.40
No. 13—Center pieces, plain, w't per doz. 11 lbs.....per dozen .75
No. 23—Center pieces, painted, w't per doz. 9 lbs.....per dozen .90

NOS. 1 AND 2, HALF GROSS IN A CRATE.

No. 140—Braced frame, painted red, for 22 in. saw rod, without saw rod, w't per doz. 24 lbs.....per dozen $4.50
No. 141—Short end pieces, w't per doz. 9 lbs.....per dozen 1.40
No. 142—Long end pieces, w't per doz. 10½ lbs.....per dozen 1.60
No. 143—Center pieces, w't per doz. 4½ lbs.....per dozen 1.40
This frame is the same as that used for Nos. 140 and 145 wood saws.

HALF GROSS IN A BOX

SAW RODS.

No. 5—22 in., CLIPPER, w't per doz. 4¾ lbs.....per dozen $1.50

ONE DOZEN IN A PACKAGE.

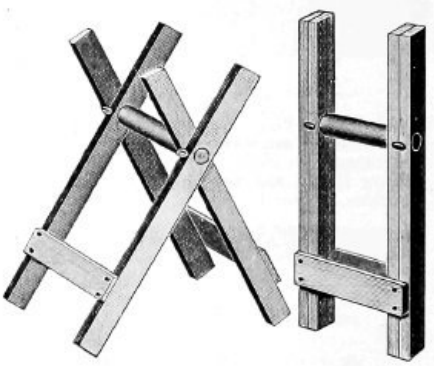
No. 15—22 in., DUPLEX, w't per doz. 6 lbs.....per dozen $1.60

ONE DOZEN IN A BOX.

No. 25—22 in., SAMSON, extra heavy, tinned, japanned center, w't per doz. 8¼ lbs.....per dozen $2.25

ONE DOZEN IN A PACKAGE.

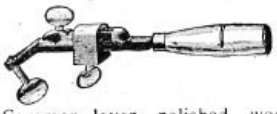
SAW BUCKS.



No. 1—Folding, w't per doz. 80 lbs., per dozen..... $4.00

HALF DOZEN IN A CRATE.

SAW SETS.



No. 12—Common lever, polished, wood handle, length 6 in., w't per doz. 3 lbs. ..... per dozen $3.00

No. 13—STILLMAN'S PATTERN, blued, wood handle, length 6½ in., w't per doz. 3 lbs. ..... per dozen $3.25

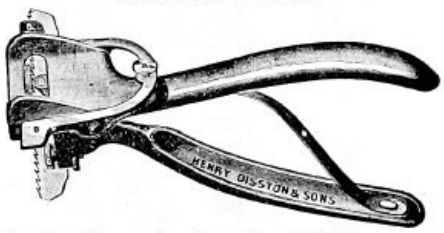
No. 14—STILLMAN'S PATTERN, blued, wood handle, for cross-cut saws, length 8 in., w't per doz. 5½ lbs. .... per dozen $5.75

ONE DOZEN IN A BOX.

No. 62A—German, polished steel, wood handle, 6 gauges, with screw driver, length 8 in., w't per doz. 2½ lbs., per dozen..... $3.00

No. 02—MORRILL'S PATTERN, polished, for hand saws, length 7 in., w't per doz. 8 lbs..... per dozen $7.50

HALF DOZEN IN A BOX.



No. 21—DISSTON'S, Monarch, polished, for hand and back saws, length 6 in., w't per doz. 6½ lbs..... per dozen $12.00

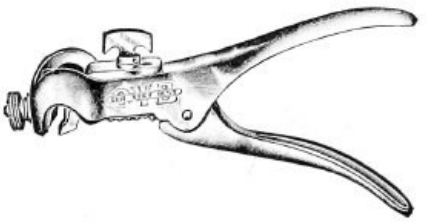
No. 23—DISSTON'S, Monarch, polished, for cross-cut saws, length 10 in., w't per doz. 24 lbs..... per dozen 21.00

NO. 21, HALF DOZEN; NO. 23, ONE IN A BOX.

No. 17—TAINTOR POSITIVE, entirely of steel, parts interchangeable, length 6¼ in., w't per doz. 6¼ lbs., per dozen..... $14.00

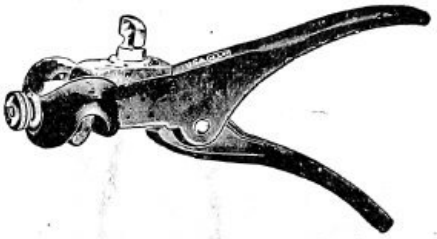
Consists of frame to which are attached two movable handles, an anvil and punch. Twenty adjustments are obtainable. The punch moves in nearly the same circle as the tooth which it sets, consequently the tooth is not distorted nor its point curled as in the case where the punch approaches the tooth in a straight line. It also leaves the inside face of the tooth of a much better shape. Faces of anvil are numbered and will produce any setting ordinarily required.

HALF DOZEN IN A BOX. ONE GROSS IN A CASE.



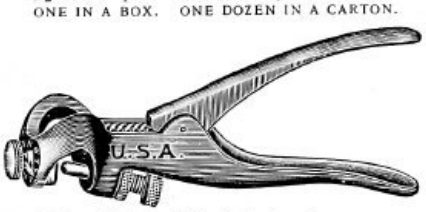
GVB—Nickel plated saw sets, adjustable, tempered steel spring, hardened anvil and plunger, length 6½ in., w't per doz. 9½ lbs..... per dozen $13.50

ONE IN A BOX. ONE DOZEN IN A CARTON.



No. 101—"U. S. A.," blued, for hand saws, adjustable, tempered steel spring, hardened anvil and plunger, length 6½ in., w't per doz. 9½ lbs... per dozen $10.00

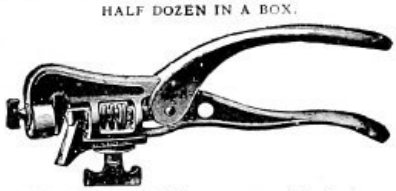
ONE IN A BOX. ONE DOZEN IN A CARTON.



No. 295—"U. S. A.," blued, for hand saws, adjustable from 4 to 16 points, length 6¾ in., w't per doz. 9 lbs., per dozen..... $14.00

Made with a revolving eccentric anvil, has the required level and length of all saw teeth ranging from 4 to 16 points, figures on the dial indicate the number of teeth to the inch.

HALF DOZEN IN A BOX.



No. 105—MORRILL'S PATTERN, polished, for timber and board saws, from 6 to 14 gauge (circumference of saw makes no difference), length 15 in., w't per doz. 42 lbs. ..... per dozen $18.00

No. 103—MORRILL'S PATTERN, polished, for single tooth cross-cut and small circular saws, length 10 in., w't per doz. 14½ lbs..... per dozen 14.50

No. 104—MORRILL'S PATTERN, polished, for Champion or M tooth cross-cut saws, length 10 in., w't per doz. 12 lbs., per dozen 14.50

HALF DOZEN IN A BOX.

No. 01—MORRILL'S, polished, for hand saws, length 7 in., w't per doz. 8 lbs., per dozen..... $8.00

Extra Plungers for No. 01..... each .20

Extra Anvils and Screws for No. 01, per set .40

HALF DOZEN IN A BOX.

No. 1—MORRILL'S, polished, for hand saws, length 6½ in., w't per doz. 8 lbs., per dozen..... $12.00

Extra Plungers for No. 1..... each .20

Extra Anvils and Screws for No. 1, per set .40

HALF DOZEN IN A BOX.

No. 11—MORRILL'S, polished, for hand, scroll and band saws, length 6¾ in., w't per doz. 8 lbs..... per dozen $13.50

HALF DOZEN IN A BOX.

No. 95—MORRILL'S, polished, for hand saws, adjustable for 4 to 12 points, length 7 in., w't per doz. 7 lbs., per dozen..... $13.50

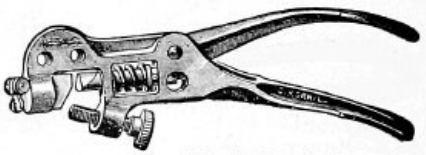
The adjustable feature whereby the correct set for every saw (according to the number of teeth to the inch) is instantly found, is an important improvement over anything yet produced by this maker. The wheel bearing numbers can be instantly adjusted.

HALF DOZEN IN A BOX.

No. 50—MORRILL'S SPECIAL, nickel plated, for hand saws, adjustable for 4 to 16 points, length 6 in., w't per doz. 8 lbs..... per dozen $16.00

This saw set is made with an improved revolving anvil and will give the correct set to hand saws having from 4 to 16 teeth to the inch.

HALF DOZEN IN A WOOD BOX.



No. 3—MORRILL'S, polished, for single tooth cross-cut and small circular saws, length 9 in., w't per doz. 15 lbs., per dozen..... $18.00

No. 4—MORRILL'S, polished, for Champion or M tooth cross-cut saws, length 9 in., w't per doz. 15 lbs. ..... per dozen 18.00

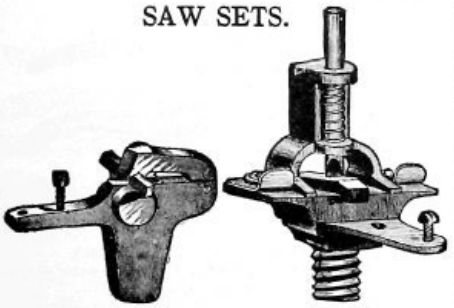
HALF DOZEN IN A BOX.

No. 5—MORRILL'S, polished, for timber and board saws, from 6 to 14 gauge (circumference of saw makes no difference), length 14 in., w't per doz. 40 lbs., per dozen..... $22.00

HALF DOZEN IN A WOOD BOX.

SAW SETS AND SAW TOOLS.

SAW SETS.



Nos. 25 and 30. No. 35.

No. 25—AIKEN'S, polished cast steel, w't per doz. 6½ lbs.....per dozen $ 6.50

No. 30—AIKEN'S, polished cast steel, extra quality, w't per doz. 7¼ lbs., per dozen..... 9.00

No. 35—HOTCHKISS' japanned iron body, steel mandrel and anvil, brass guides, w't per doz. 11 lbs.....per dozen 10.00

ONE DOZEN IN A BOX.

No. 20—WHITING'S pattern, polished steel for cross-cut saws only, length 3½ in., w't per doz. 3 lbs.....per dozen $9.75

TWO DOZEN IN A BOX.

SAW GAUGES.

No. 51. No. 52.

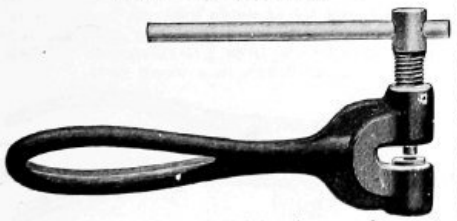
No. 51—ATKINS', single, w't per doz. 2¼ lbs.....per dozen $1.20

No. 52—ATKINS', double, w't per doz. 3 lbs.....per dozen 2.00

The single gauge is for regulating the length of clearer teeth and width of set in cross-cut saws. The double gauge does the same for both hard and soft wood.

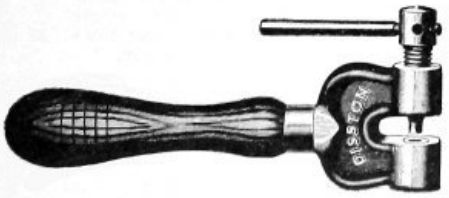
ONE DOZEN IN A BOX.

SAW PUNCHES.



No. 2—MIDGET, length 5½ in., japanned iron, for punching holes in butcher and hack saw blades, w't per doz. 6 lbs., per dozen $8.00

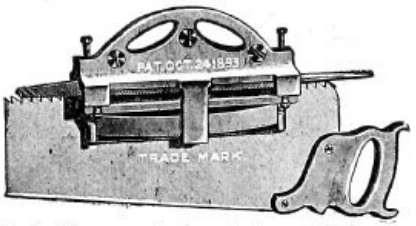
ONE IN A BOX.



No. 1—MIDGET, length 6¾ in., japanned, wood handle, brass ferrule, steel punch, for punching holes in butcher and hack saw blades, w't per doz. 10 lbs., per dozen.....$16.80

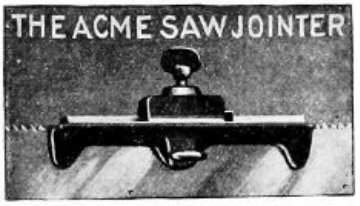
ONE IN A BOX.

SAW JOINTERS.



No. 1—PERFECT, japanned iron, adjustable, length 4½ in., w't per doz. 8 lbs., per dozen..... $5.00

It can be adjusted in a moment to the largest cross-cut or finest handsaw, and will joint or square any straight edge. Flat, triangular or half-round file can be used. Saves time, labor, wear and tear on the hands, and insures accuracy.

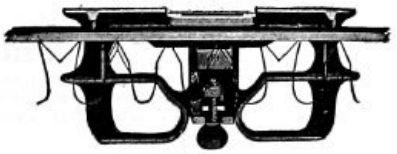


No. 2—ACME, japanned iron, length 4½ in., with 4 in. flat file, w't per doz. 6 lbs.....per dozen $6.00

Adjustable to any thickness of blade, joints the teeth absolutely true, will joint any straight or square edge. A tool that no carpenter should be without, saves time and wear and tear on the hands.

HALF DOZEN IN A BOX.

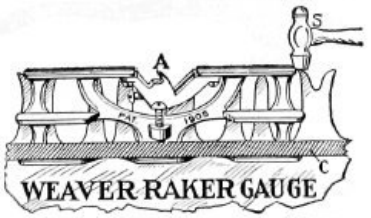
SAW TOOLS.

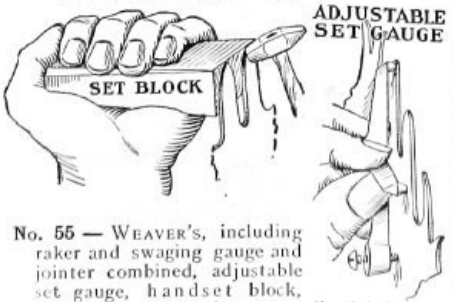


Jointer.

No. 53—ATKINS' DEXTER, combining jointer, raker tooth gauge, side file, w't per doz. sets 6 lbs.....per dozen sets $8.00

HALF DOZEN SETS IN A BOX.





No. 55 — WEAVER'S, including raker and swaging gauge and jointer combined, adjustable set gauge, handset block, swaging and set hammer, all nickel plated, w't per dozen sets, 2 lbs., per dozen sets.....$18.00

ONE SET IN A BOX.

SAW TOOLS.

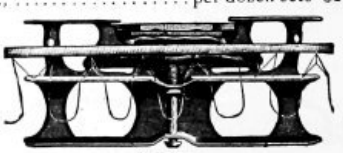
Jointing, Raker and Cleaner Tooth Gauge.

Set Gauge.

Setting Stake.

Set and Swaging Hammer.

No. 8—SIMOND'S CRESCENT, including jointing, raker and cleaner tooth gauge, setting stake, set gauge and set and swaging hammer, w't per doz. sets 22 lbs.,.....per dozen sets $12.00



Jointer.

Tooth Gauge.

Setting Block. Set Gauge.

No. 54—ATKINS' EXCELSIOR, combining jointer, tooth gauge, setting block and set gauge, w't per doz. sets 18 lbs., per dozen sets..... $12.00

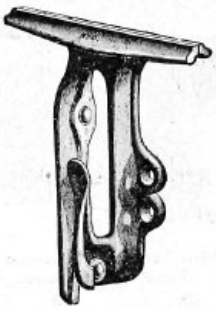
ONE SET IN A BOX.

IMPROVED SIDE FILES.

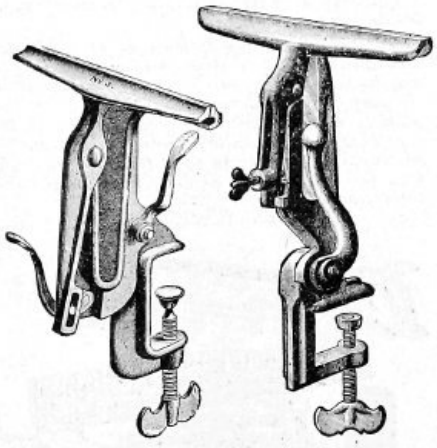
The side file is used for the purpose of regulating saw teeth after they have been set. It is impossible to set a saw so that some of the teeth will not extend or be bent over a little more than others, and thus make rough lumber. By the use of this tool all the teeth are made even, and a saw thus regulated will run twice as long without sharpening. The file must be so adjusted by means of the set screw, as to conform to any width of set desired. The jam nuts are for the purpose of securing the set screws in the desired position. The No. 2 medium is suitable for saws 24 to 38 in. in diameter. W't complete 4½ lbs.

	FILE ONLY	FRAME	COMPLETE
No. 2—Medium, each	$0.40	.75	1.15

SAW CLAMPS OR VISES.



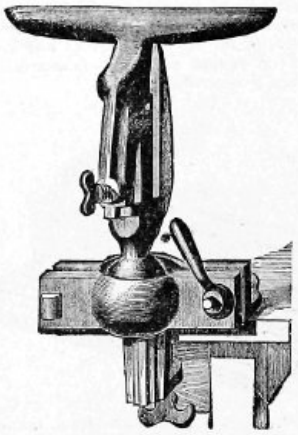
No. 0—STEARNS', japanned, 9½ in. jaws, light pattern, w't per doz. 36 lbs., per dozen..... $ 8.50



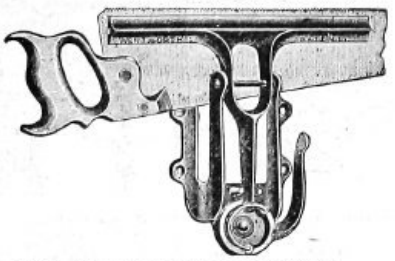
No. 3S. No. 10.

No. 3S—STEARNS', adjustable, japanned, 9½ in. jaws, malleable screw clamp, w't per doz. 51 lbs.....per dozen $11.00

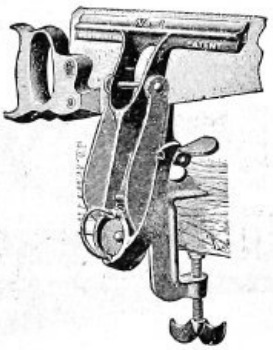
No. 10—Adjustable, japanned, 9½ in. jaws, malleable screw clamp, w't per doz. 54 lbs.....per dozen 12.00



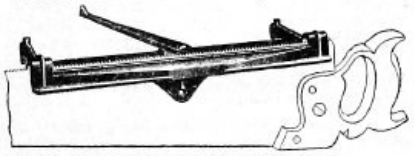
No. 12—Ball and socket, japanned, 9½ in. jaws, adjustable to any position, malleable screw clamp, w't per doz. 78 lbs.....per dozen $15.00



No. 1W—WENTWORTH'S, japanned, 11 in. rubber cushioned jaws, w't per doz. 57 lbs.....per dozen $13.00



No. 3W—WENTWORTH'S, adjustable, japanned, 11 in. rubber cushioned jaws, malleable screw clamp, w't per doz. 66 lbs.....per dozen $18.00

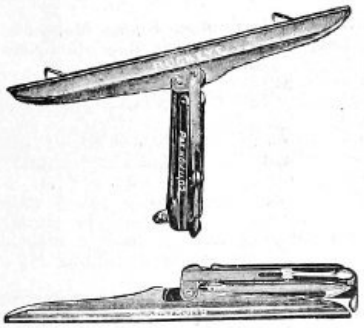


No. 116—PERFECTION, malleable iron, japanned, with drive hooks to attach to bench or board, w't per doz. 31 lbs., per dozen..... $15.00

Can be instantly and securely fastened to a work bench, saw horse, tool box, window sill, to the edge of a board, plank, joist, stick of timber, pile of lumber, rail of a fence, or any other suitable place, without the aid of screws or nails or any other means of fastening.

It self-adjusts the saw, saving time, and clamps or releases the same instantly. Will hold saw for jointing by passing blade through and resting the heel on the arch of the clamp.

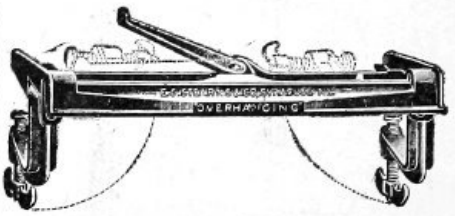
ONE-QUARTER DOZEN IN A BOX.



No. 150—BUCKEYE, folding, japanned malleable iron, 14 in. rubber cushioned jaws, with drive hooks to attach to board, or can be attached by screw or nail, w't per doz. 46 lbs....per dozen $18.00

The entire vise is of malleable iron and folds in a very compact form.

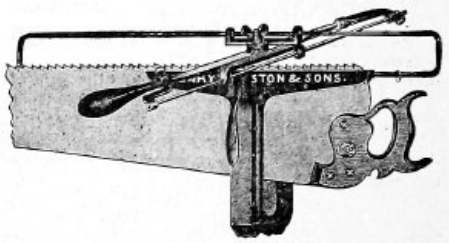
ONE IN A BOX.



No. 200—STEARNS', overhanging, folding, japanned, noiseless rubber cushioned jaw, w't per doz. 48 lbs., per dozen..... $18.00

Can be fastened to a bench or board by either the clamp or screws. Clamps fold out of way when not in use.

ONE IN A BOX.

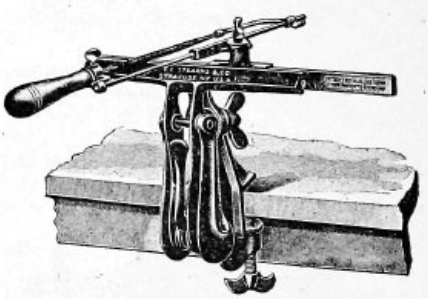


No. 30—DISSTON'S, japanned, extra heavy, adjustable, 12½ in. jaws, screw clamp for attaching to bench, complete with file, w't per dozen 234 lb. per dozen.....$30.00

This is especially designed for those not skilled in saw filing, and is a help to an expert. It is adjustable to any and all positions, and when once set it is impossible to change the angle by mistake.

The clamp, guide, file and handle are included and not sold separately.

ONE IN A BOX.

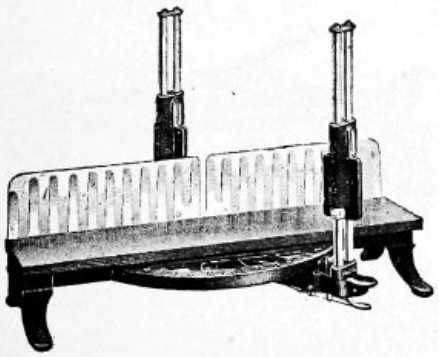


No. 25—STEARNS', japanned, nickel plated guide, adjustable to three rigid positions, 16 in. flat steel guide bar, 10½ in. planed jaws, rubber cushioned, screw clamp, complete with file, w't per doz. 105 lbs.....per dozen $30.00

The guide has three rigid positions in which it holds the file; one position for filing the saw on first side, another for filing it on the opposite side, a third for use in filing rip saws only. By means of the ball and socket joint the guide may be set at either of these positions; when thus set the file is rigidly held at the proper angle and incline for filing, it is then impossible to file the teeth inaccurately.

ONE IN A BOX.

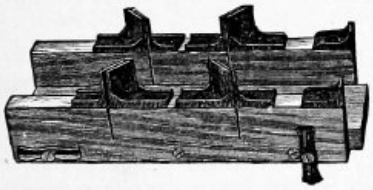
MITRE BOXES.



No. 50½—STANLEY'S, single-piece frame, base and back accurately machined, all parts interchangeable, adjustable saw guides, either back or panel saws may be used.....each $6.50

The swivel is provided with an index pin which engages holes in the frame at the commonly used angles, but can be made stationary at any other angle desired by tightening the machine screw in front of the swivel against the frame.

The location of the holes of the commonly used angles is clearly designated by raised figures on the frame.



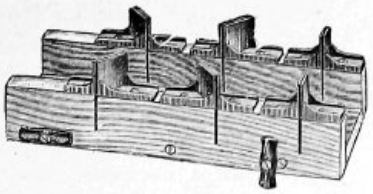
OLMSTED'S, Hardwood, Oiled, Iron Guides.

No. 1—For 1½×3 in. wood, w't 5¾ lbs., each..... $1.00

No. 2—For 2½×4 in. wood, w't 10¼ lbs., each..... 1.50

The guides can be adjusted to any thickness or pattern of saw; the frame cannot be cut away.

TWO IN A BOX.



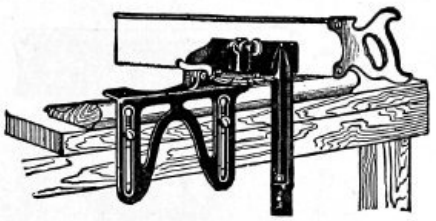
OLMSTED'S, Hardwood, Oiled, Iron Guides.

No. 3—For 1½×3 in. wood, w't 6¼ lbs.....each $1.25

No. 4—For 2½×4 in. wood, w't 11 lbs., each..... 1.75

These guides can be adjusted to any thickness or pattern of saw; the frame cannot be cut away.

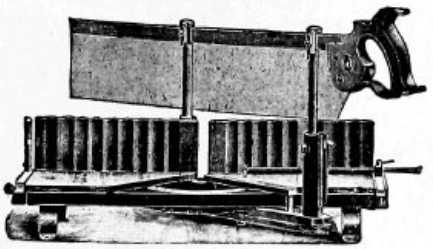
TWO IN A BOX.



No. 10—SEAVEY'S, improved pattern, japanned, nickel plated bright parts, adjustable to any angle, degrees marked on bar, with set screw, w't 2¾ lbs.....each $2.00

This is a very convenient tool and is adapted to many uses. With it any kind of moulding and stock of any width and thickness can be cut. Takes the place of a heavy mitre box and can be used with any hand saw.

ONE IN A BOX.



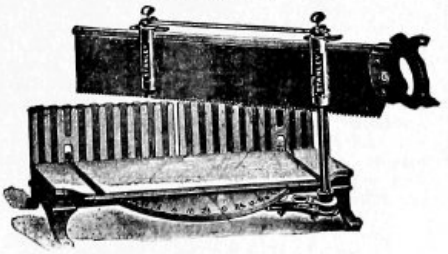
GOODELL'S, Bessemer Steel Box, Corrugated Cold Rolled Steel Back, Complete with Disston's Saw and Attachments.

Nos.....	330	340	350	360
Saw.....	26×4	28×5	30×5	30×6 in.
W't.....	30	35	40	45 lbs.
Each....	$12.00	13.25	13.50	15.25

These bases have automatic stops to hold up the saw, allowing the operator to use both hands in placing the wood.

The backs are corrugated to ¼ in. in depth and ½ in. in width, allowing perfect clearance for sawdust. These boxes give 10½ in. at right angles and 7¼ in. at mitre.

ONE IN A CASE.



STANLEY'S, Single Piece Frame, Malleable Iron Legs, Steel Saw Guide Rods, Complete with Disston's Saw.

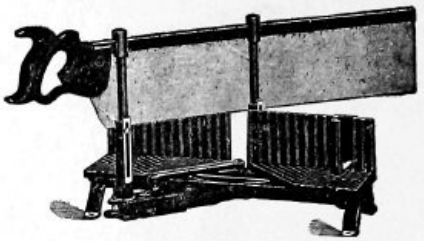
Nos.....	242	244	246
Saw.....	22×4	24×4	26×4 in.
W't.....	27	30	33
Each....	$10.75	11.00	11.25
Nos.....	**346**	**358**	**460**
Saw.....	26×4	28×5	30×6 in.
W't.....	35	40	45 lbs.
Each....	$12.25	13.00	16.00

Nos. 242, 244 and 246 have a right angle capacity of 8¼ in., 5½ in. at 45° and 3½ in. at 30°.

Nos. 346 and 358 have a right angle capacity of 9½ in., 6½ in. at 45° and 4⅛ in. at 30°.

In these boxes the saw is supported above the work; the swivel is clamped automatically. They are supplied with a spring catch, which allows the swivel to swing free. There is a second socket in swivel, allowing use of short saw. All parts are interchangeable.

ONE IN A CASE.



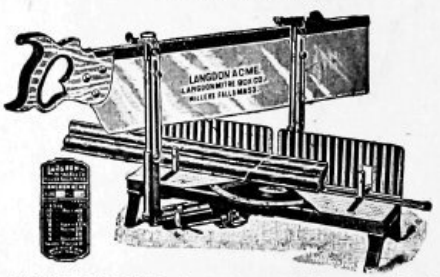
NEW MARSH LANGDON, Ground Surface Metal Face, or Bed Plates.

Nos.....	32	33	34
Saw.....	22×4	24×4	26×4 in.
W't.....	35	36	39 lbs.
Each....	$11.25	11.50	11.75
Nos.....	**39**		**40**
Saw.....	28×5		30×5 in.
W't.....	40		42 lbs.
Each.....	$13.50		13.75

Capacity at mitre is 6¾ in.; at right angle 9½ in.

The manufacturer of these mitre boxes has had many years' experience with mitering tools, and no pains or expense is spared to make them the very best. Each box has metal face, or bed plates. These plates have ground surfaces, the tops and bottoms absolutely true and parallel—no warping, no splitting off, always a true and level bed plate to work from; a mechanic will appreciate this.

ONE IN A CASE.



LANGDON ACME, Complete with Disston's No. 6 Saw.

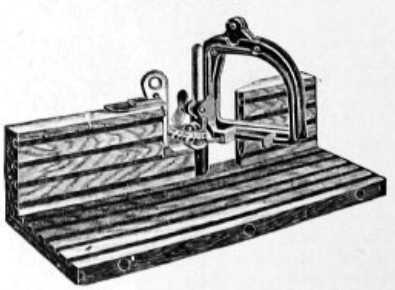
Nos..	68	69	73	74	75
Saw..	22×4	24×4	26×4	28×5	30×5 in.
W't..	35	35½	35	35½	42 lbs.
Each.	$10.00	10.50	12.00	14.00	14.50

Capacity at mitre for Nos. 68 and 69 is 5 in., for Nos. 73, 74 and 75 is 7 in.

Capacity at right angles for Nos. 68 and 69 is 7½ in., for Nos. 73, 74 and 75 is 10¼ in.

In addition to notches for the positive angles commonly in use, the box has a graduated arc in front with the various degrees marked on it. A metal index plate with degrees marked thereon is attached to machine.

ONE IN A CASE.

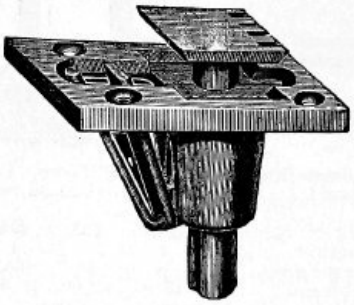


No. 15—PERFECTION, bed and back made from selected wood with inlaid strips to prevent warping, can be used with a back, hand or panel saw, capacity 45°, 30°, 30°, 22½° and 9° w't 7 lbs...each $4.00

All saws furnished with mitre boxes shown on this page are eleven points to the inch.

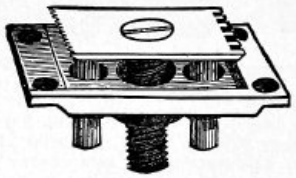
BENCH STOPS AND SCREWS, CLAMP HEADS, ETC.

BENCH STOPS.



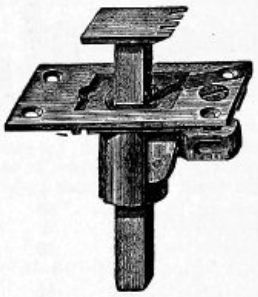
No. 5—3×1¾ in., polished face, reversible, with patent spring catch, can easily be raised with nail or screw driver, w't per doz. 12 lbs. . per dozen $9.00

HALF DOZEN IN A BOX.



No. 10—HOTCHKISS', 3½×1½ in., polished face, reversible, w't per doz. 8 lbs. ..... per dozen $8.00

ONE DOZEN IN A BOX.



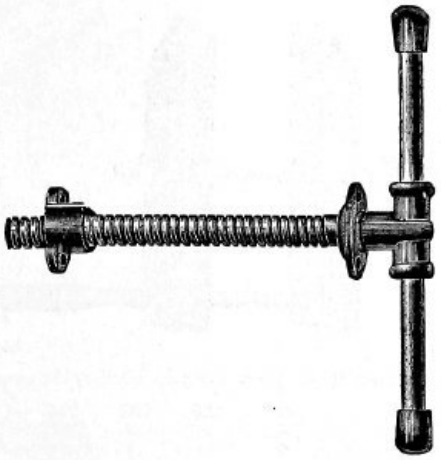
No. 20—MORRILL'S pattern, 3½×2 in., polished face, w't per doz. 12 lbs. per dozen $11.00

HALF DOZEN IN A BOX.

No. 22—MORRILL'S, 4×2 in., reversible, polished face, w't per doz. 15 lbs., per dozen $14.00

HALF DOZEN IN A BOX.

BENCH SCREWS.

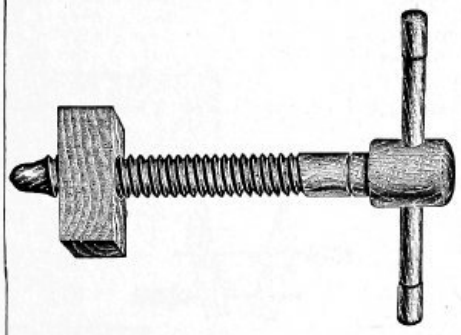


Movable Collar, Double Thread, Wrought Iron Screw, Wood Handle.

No. 4—Inches.	1	1⅛	1¼	
Entire length	15	16	17	in.
W't per doz.	51	66	84	lbs.
Per dozen	$6.50	7.50	9.00	

Extra Nuts for No. 4, 1⅛ in. . . per dozen $2.40

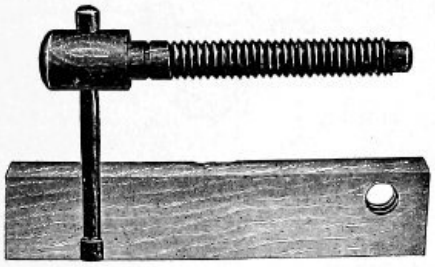
ONE DOZEN IN A CASE.



No. 5—2 ft.×2½ in. screw, thoroughly seasoned white maple, w't per doz. 66 lbs. ..... per dozen $7.50

TWO DOZEN IN A CASE.

TAIL SCREWS.



No. 6—2 ft.×2½ in. screw, thoroughly seasoned white maple, w't per doz. 175 lbs. ..... per dozen $17.00

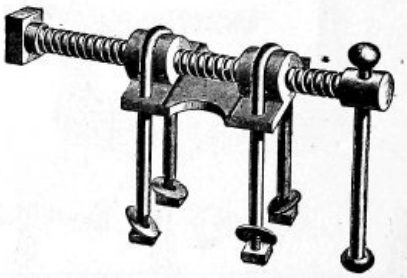
ONE DOZEN IN A CASE.

CABINET MAKERS' CLAMPS.

No. 258—Selected maple frame, hickory screw, length inside of jaws 4 ft., w't per doz. 80 lbs. ..... per single dozen $10.00

TWO DOZEN IN A CASE.

CLAMP HEADS.

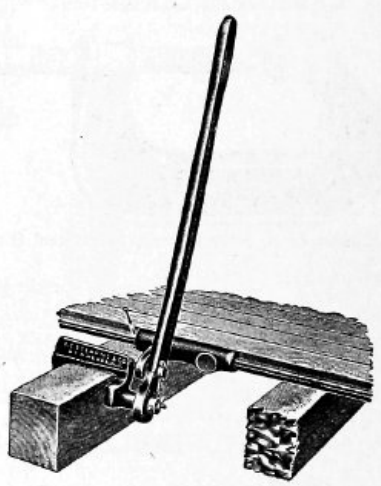


No. 111—11½×1 in., wrought iron screw, single nut, double thread, iron handle, w't per doz. 73 lbs. . per dozen $24.50

No. 112—11½×1⅛ in., wrought iron screw, double nut, double thread, iron handle, w't per doz. 85 lbs., per dozen 32.50

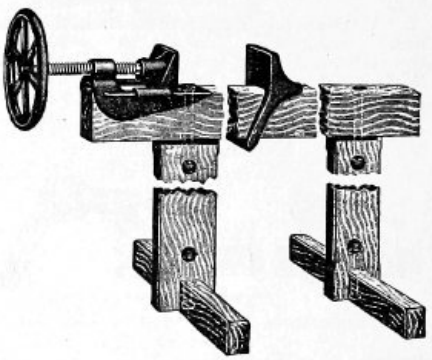
LOOSE.

FLOORING CLAMPS.



No. 125—Malleable iron, nicely japanned, diam. of clamp 2¼ in., length of handle 16¼ in., w't per doz. 30 lbs., per dozen $9.00

A useful and labor saving device for laying flooring, especially where the lumber is warped and requires pressure to fit the boards closely.

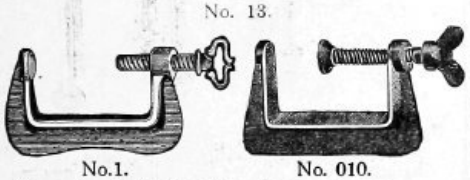


No. 15—Horse Clamp Fixtures, *unmounted*, malleable iron steel screw 1×10 in., face of jaws 3½×3 in. high, to be used on bars 2¾×4 in., w't per doz. 240 lbs. . . . . per dozen $60.00

CLAMPS.

QUILT FRAME.

No. 13.



No. 1. No. 010.

No. 1—Malleable iron, japanned, machine cut screw, opens 2¼ in., w't per doz. 3 lbs. . . . . per dozen $0.60

No. 010—Malleable iron, japanned, swivel head wrought screw, opens 2¼ in., w't per doz. 4¼ lbs. . . . . per dozen .80

No. 13—Heavy malleable iron, japanned, machine cut screw, opens 4 in., w't per doz. 7 lbs. . . . . per dozen 1.25

ONE DOZEN IN A BOX.

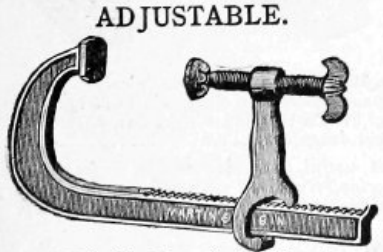
CARRIAGE MAKERS'.

Malleable Iron, Swivel Head, Solid Steel Screw.

Nos.	2	3	4	5	
Opening	2½	3	4	5	in.
W't per doz.	14	16	20	27	lbs.
Per dozen	$2.60	3.00	4.20	5.00	
Nos.	6	7	8	10	
Opening	6	7	8	10	in.
W't per doz.	30	36	42	60	lbs.
Per dozen	$6.50	7.80	9.00	11.00	

HALF DOZEN IN A BOX.

ADJUSTABLE.



Malleable Iron, Swivel Head.

Nos.	14	16	18	20	
Opening	4	6	8	10	in.
W't per doz.	21	28	32	38	lbs.
Per dozen	$8.50	10.00	11.30	12.50	

HALF DOZEN IN A BOX.

ECCENTRIC.

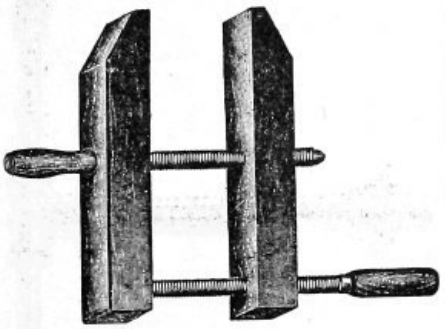
STYLE B.

Malleable Iron, 1½×9-16 Inch Steel Bar, Japanned.

Length	2	2½	3	4	ft.
W't per doz.	80	90	100	115	lbs.
Per dozen	$14.40	16.20	18.00	21.60	

The sliding jaw moves easily and by an automatic acting enclosed spiral spring is held firmly in place at any desired point on the bar.

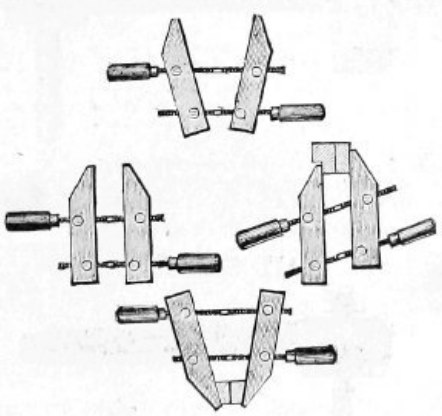
HAND SCREWS.



Selected Maple Jaws, Selected Hickory Screws.

Nos.	224	223	222	221	
Length jaw.	8	10	12	14	in.
Length screw.	10	12	14	16	in.
Open.	4½	5½	7¼	8¼	in.
Size of jaw.	1⅜	1⅝	1¾	2	in.
Diam. screw.	⅝	¾	¾	⅞	in.
W't per doz.	16	26	35	55	lbs.
Per dozen	$12.00	14.50	17.00	20.00	
Nos.		219	218	217	
Length jaw.		16	18	20	in.
Length screw.		18	20	24	in.
Open.		9¼	10½	13¾	in.
Size of jaw.		2¼	2⅜	2⅝	in.
Diam. screw		1	1⅛	1¼	in.
W't per doz.		74	102	128	lbs.
Per dozen		$23.50	27.00	32.00	

NOS. 224 TO 222, TWO DOZEN, BALANCE ONE DOZEN IN A CASE.

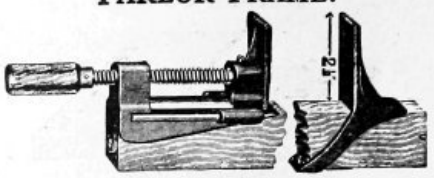


Seasoned Maple Jaws, Adjustable to Any Angle, Spindles and Sockets of Best Steel.

Nos.	22	23	
Length jaw.	11½	14	in.
Length screw.	12	14	in.
Open.	8	10	in.
Size of jaw.	1¾×2⅛	2×2⅜	in.
Diam. screw.	7/16	7/16	in.
W't per doz.	48	60	lbs.
Per dozen	$8.70	9.60	
Nos.	24	25	
Length of jaw.	16	18	in.
Length screw.	16	20	in.
Open.	12	14	in.
Size of jaw.	2¼×2¾	2¼×2¾	in.
Diam. screw.	½	½	in.
W't per doz.	90	96	lbs.
Per dozen	$11.40	13.20	

ONE DOZEN IN A CRATE.

PARLOR FRAME.

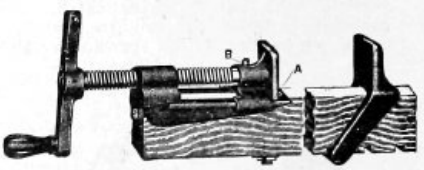


Malleable Iron, ½×7 in. Steel Screw, Face of Jaw 1¼×2½ in. High, Mounted on Select Maple Bars.

Nos.	202	203	204	
Length	2	3	4	ft.
W't per doz.	48	55	65	lbs.
Per dozen	$15.00	17.00	19.00	

ONE HALF DOZEN IN A CRATE.

SHELDON'S CLAMP FIXTURES.



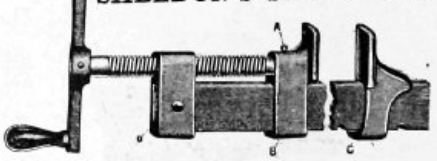
Mounted on Maple Bars, 1¼×2½ Inches Wide.

Nos.	02	03	04	05	
Length	2	3	4	5	ft.
W't per doz.	70	85	95	110	lbs.
Per dozen	$15.00	17.00	19.00	21.00	

ONE HALF DOZEN IN A CRATE.

No. 11—Without wood bars, malleable iron, ⅝×7 in. steel screws with square threads cut from cold rolled steel, face of jaws 1¾ in. sq., w't per doz. 50 lbs. . . . . per dozen $12.00

SHELDON'S STEEL BAR.



Made from 9-16×1⅜ Inch Tempered Spring Steel Bars, ⅝×7 Inch Screw Cut from Cold Rolled Steel, Face of Jaws 1¾×2 in.

Nos.	20½	30	40	
Length	2½	3	4	ft.
W't per doz.	75	90	110	lbs.
Per dozen	$16.50	18.75	21.00	
Nos.	50	60	70	
Length	5	6	7	ft.
W't per doz.	130	150	165	lbs.
Per dozen	$23.25	25.50	27.75	

Saddle is held in bar notches by indestructible spring bars. The double end malleable cranks are quick and permit the use of two hands for excessive pressure.

CARPENTERS' DOOR.

3-16×1½-Inch Wrought Steel T Bar, Malleable Iron Frame and Sliding Stop, Spring Catch, ⅝-Inch Wrought Iron Screw, Ebonized Handle.

Nos.	103	104	105	
Length between jaws.	3	4	5	ft.
W't per single doz.	98	110	122	lbs.
Per single dozen	$24.00	27.00	30.00	

The bar is special quality rolled stiff steel; the "T" shape has much more strength for a given weight than is possessed by flat stock. The notches are cut on the lower edge of the bar, affording greater holding power to the sliding jaw than if cut on the upper edge. The wrought iron screw is provided with a deep thread.

ONE DOZEN IN A CASE.

WOOD PLANES.

BARTLETT'S BENCH.

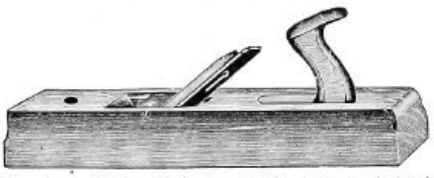
No. 3. No. 5.

Polished Lignumvitæ Start.

No. 3—8 in., smooth, 2 to 2¼ in. double iron, w't 2 lbs., each, - - - - - - - - - - $0.90

No. 5—10½ in., handled, smooth, 2 to 2¼ in. double iron, w't 2¼ lbs., - - - - - - - each 1.75

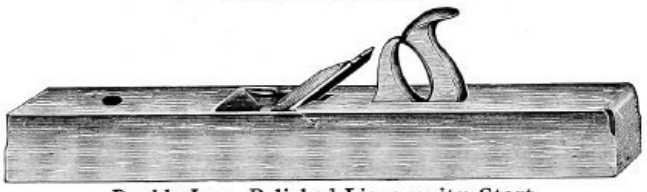
THIRTY-SIX IN A CASE.



No. 10—16 in., jack, 2 to 2¼ in. single iron, polished lignumvitæ start, w't 3½ lbs., - - - - each $0.85

No. 13—16 in., jack, 2 to 2¼ in. double iron, polished lignumvitæ start, w't 3½ lbs., - - - - each 1.00

THIRTY-SIX IN A CASE.



Double Iron, Polished Lignumvitæ Start.

No. 19—22 in., fore, 2⅜ to 2½ in., w't 5¼ lbs., - each $1.70

No. 25—26 in., jointer, 2½ to 2⅝ in., w't 7½ lbs., - " 1.80

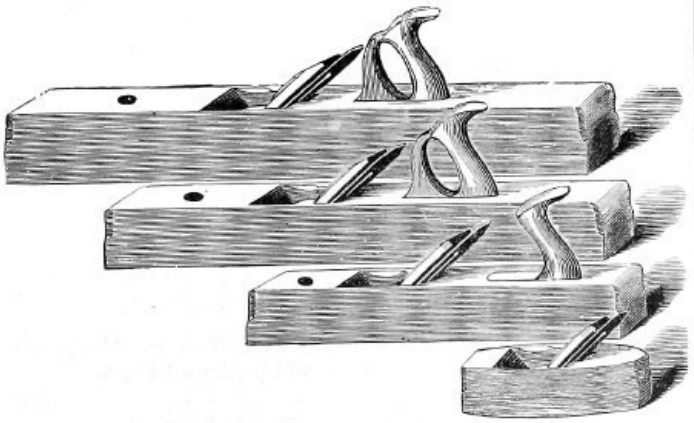
No. 25—28 in., jointer, 2½ to 2⅝ in., w't 8½ lbs., - " 1.90

No. 25—30 in., jointer, 2½ to 2⅝ in., w't 9½ lbs., - " 2.15

TWENTY IN A CASE.

All Bartlett planes are fitted with superior irons, manufactured from best cast steel and fully warranted.

OGONTZ BENCH.



Polished Ebony Start.

No. 6— 8 in., smooth, 2 to 2¼ in. double iron, w't 2 lbs., each, - - - - - - - - - $0.90

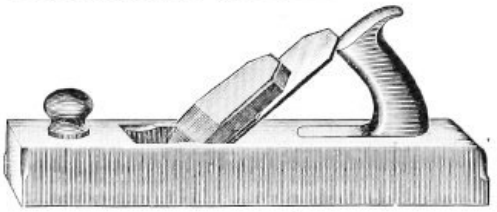
No. 12—16 in., jack, 2 to 2¼ in. double iron, w't 3¾ lbs., each, - - - - - - - - - 1.00

No. 20—22 in., fore, 2⅜ to 2½ in. double iron, w't 6 lbs., each, - - - - - - - - - 1.70

No. 30—26 in., jointer, 2½ to 2⅝ in. double iron, w't 7½ lbs., each, - - - - - - - - - 1.80

NOS. 6 AND 12, THIRTY-SIX; NO. 20, TWENTY-FOUR; NO. 30, TWENTY IN A CASE.

BARTLETT'S SPECIAL BENCH.



No. 1900.

Double Iron, Polished Bit, Sharpened, with Knob.

No. 300— 8 in., smooth, 2 to 2¼ in., w't 2 lbs., each $1.50

No. 1300—15 in., jack, 2 to 2¼ in., w't 3½ lbs., " 1.60

No. 1900—20 in., fore, 2⅜ to 2½ in., w't 4½ lbs., " 1.70

These planes are handsomely varnished. They are first class in every respect and are fully warranted.

BARTLETT'S MITER.

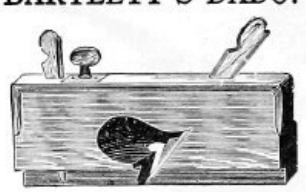
No. 38½—1¾ in., smooth shape, single iron, w't 1¾ lbs., each, - - - - - - - - - $0.75

BARTLETT'S TOOTH.

No. 36—2⅛ in. cast steel iron, w't 1¾ lbs., - each $1.00

ONE IN A PACKAGE.

BARTLETT'S DADO.

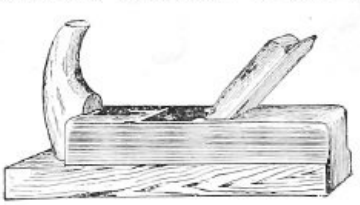


No. 62—Screw stop, sizes ¼, ⅜, ½, ⅝, ¾, ⅞ and 1 in., w't 1 lb., - - - - - - - - each $1.50

Specify size in ordering.

ONE IN A PACKAGE.

GERMAN SCHRUP PLANES.

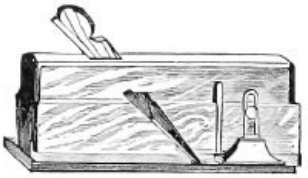


No. 500—10 in., 1¼ in. single iron, with horn, w't 1¼ lbs., each, - - - - - - - - - $1.25

This plane is imported from Germany, where it is extensively used. It has a round nose iron, and is especially useful for rough planing.

BARTLETT'S FANCY WOOD PLANES.

FILLETSTER.



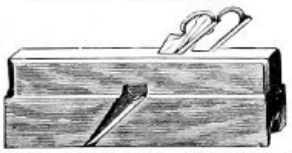
No. 68.

With Cutter.

No. 66—W't 2¼ lbs., - - - - - - each $1.25
No. 67—With brass side stop, w't 2½ lbs., - - - " 1.40
No. 68—With brass side stop, boxed, w't 2½ lbs., - " 1.85
No. 69—With brass screw stop, boxed, w't 2¾ lbs., " 2.50

ONE IN A PACKAGE.

STEP NOSING.

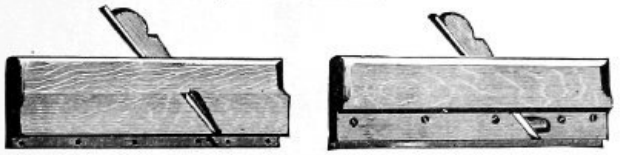


No. 113—2 irons, sizes ⅞, 1, 1⅛ and 1¼ in., w't 1¼ lbs., each, - - - - - - - - - $1.10
No. 113—2 irons, sizes 1⅜ and 1½ in., w't 1½ lbs., - each 1.20
No. 113—2 irons, sizes 1¾ and 2 in., w't 1¾ lbs., - " 1.50

Specify size in ordering.

ONE IN A PACKAGE.

BOARD MATCH.



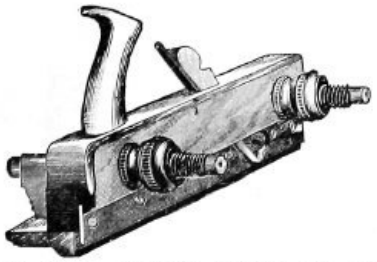
One Pair No. 99.

No. 99—Sizes ½, ⅝, ¾, ⅞ and 1 in., w't 2¼ lbs., per pair $1.50

Specify size in ordering.

ONE PAIR IN A PACKAGE.

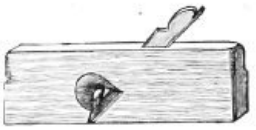
PLANK MATCH.



No. 106—Screw arms, to work grooves, w't 3½ lbs., per pair, - - - - - - - - $3.75

ONE PAIR IN A PACKAGE.

SKEW RABBET.

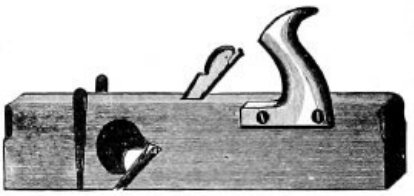


No. 146—Sizes ½, ⅝, ¾, ⅞ and 1 in., w't 14 oz., - each $0.60
No. 146—1¼ in., w't 1¼ lbs., - - - - - " .65
No. 146—1½ in., w't 1½ lbs., - - - - - " .70
No. 146—1¾ in., w't 1¾ lbs., - - - - - " .80
No. 146—2 in., w't 1¾ lbs., - - - - - " .90

Specify size in ordering.

ONE PAIR IN A PACKAGE.

JACK RABBET.



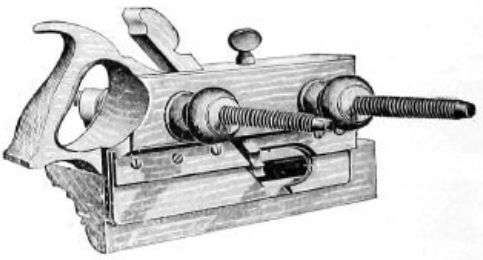
No. 149. Side Handle.

No. 149—Center handle, with 2 cutters, sizes 1¼, 1½, 1¾ and 2 in., w't 2¾ lbs., - - - - - each $1.70
No. 149—Side handle, with 2 cutters, sizes 1¼, 1½, 1¾ and 2 in., w't 2¾ lbs., - - - - - each 1.90

Specify size in ordering.

ONE PAIR IN A PACKAGE.

PANEL PLOWS.



No. 117—Beech, 8 irons, screw stop, w't 5½ lbs., - each $ 5.50
No. 119—Beech, 8 irons, screw stop, with handle, w't 5½ lbs., each, - - - - - - - - - 6.50
No. 120—Beech, 8 irons, screw stop, with handle, boxed fence, w't 5½ lbs., - - - - - - each 6.85
No. 123—Beech, 8 irons, boxwood arms, with handle, w't 5½ lbs., - - - - - - - each 7.75
No. 125—Applewood, 8 irons, screw stop, with handle, boxed fence, w't 5½ lbs., - - - - - - each 7.75
No. 132—Box or rosewood, 8 irons, with handle, w't 6½ lbs., each, - - - - - - - - - 10.00

ONE IN A BOX.

BARTLETT'S FANCY WOOD PLANES.

HOLLOWS AND ROUNDS.

Hollow.

Round.

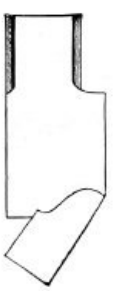
Nos.	1	2	3	4	5	6
Inches,	¼	⅜	½	⅝	¾	⅞
W't per pr.,	1	1¼	1½	1½	1¾	1⅞ lbs.
Per pair,	$1.00	1.00	1.00	1.00	1.00	1.00

Nos.	7	8	9	10	11	12
Inches,	1	1⅛	1¼	1⅜	1½	1⅝
W't per pr.,	2	2⅛	2¼	2½	2¾	3 lbs.
Per pair,	$1.15	1.15	1.15	1.35	1.35	1.35

No. 90—Sets, 9 pairs, consisting of 1 pair each Nos. 1 to 9, inclusive, w't 15 lbs., - - - - per set $9.45

ONE PAIR IN A PACKAGE.

ROMAN OGEE.



No. 76—Size ½ in., w't 1 lb., - - - - each $0.75
No. 76—Sizes ⅝, ¾, ⅞ and 1 in., w't 1¼ lbs., - " .85
No. 76—Size 1¼ in., w't 1½ lbs., - - - " 1.00
No. 76—Size 1½ in., w't 2 lbs., - - - " 1.15

Specify size in ordering.
ONE IN A PACKAGE.

ROMAN REVERSE OGEE.

No. 82.

No. 82½.

No. 82 —Sizes ½ and ⅝ in., w't 1 lb., - - each $0.75
No. 82 —Sizes ¾, ⅞ and 1 in., w't 1⅛ lbs., - " .85
No. 82 —Size 1¼ in., w't 1¼ lbs., - - - " 1.00
No. 82 —Size 1½ in., w't 1¾ lbs., - - - " 1.15
No. 82½—With fence, ⅞ in., w't 1 lb., - - " .90

Specify size in ordering.
ONE IN A PACKAGE.

BEAD.

No. 47.

No. 51.

Side, Single Boxed.

No. 47—Sizes ⅛, 3/16, ¼, 5/16, ⅜ and ½ in., w't 12 oz., each, - - - - - - - - $0.50
No. 47—Sizes ⅝ and ¾ in., w't 1 lb., - - each .55
No. 47—Sizes ⅞ and 1 in., w't 1¼ lbs., - - " .70

Center, Double Boxed.

No. 51—Sizes ⅛, 3/16, ¼, 5/16, ⅜ and ½ in., w't 12 oz., each, - - - - - - - - $0 60
No. 51—Sizes ⅝ and ¾ in., w't 1 lb., - - each .65
No. 51—Size ⅞ in., w't 1¼ lbs., - - - " .80

Specify size in ordering.
ONE IN A PACKAGE.

MOULDING.

No. 54.

No. 53.

No. 54¾.

Scotia or Quarter Round.

No. 54—Size ⅝ in., w't 1⅛ lbs., - - - each $0.50
No. 54—Sizes ¾, ⅞ and 1 in., w't 1¼ lbs., - " .65

Cove.

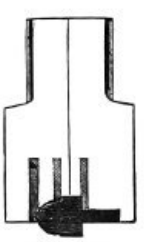
No. 53—Sizes ⅝ and ¾ in., w't 1 lb., - - each $0.50
No. 53—Sizes ⅞ and 1 in., w't 1¼ lbs., - - " .65

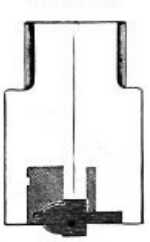
Casing.

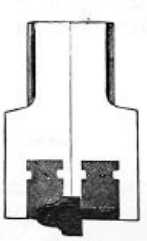
No. 54¾—With fence, ⅞ in., to work on edge, w't 1 lb., each $0.90

Specify size in ordering.
ONE IN A PACKAGE.

SASH.


No. 167.


No. 168.


No. 169.

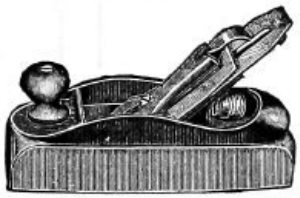
Screw Arms, Self Regulating.

No. 167—Gothic, boxed, w't 2 lbs., - - - each $2.00
No. 168—Ovolo, boxed, dovetailed, w't 2 lbs., - " 2.25
No. 169—Ogee, boxed, dovetailed, w't 2 lbs., - " 2.25

ONE IN A PACKAGE.

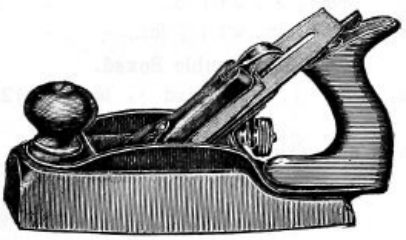
OHIO ADJUSTABLE BENCH PLANES.

WOOD.



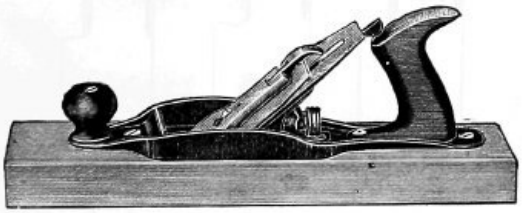
No. 021—7 in., smooth, 1¾ in. cutter, w't 1½ lbs., - each $2.00
No. 022—8 in., smooth, 1¾ in. cutter, w't 2½ lbs., - " 2.00
No. 023—9 in., smooth, 1¾ in. cutter, w't 2¾ lbs., - " 2.00
No. 024—8 in., smooth, 2 in. cutter, w't 3 lbs., - " 2.00

ONE IN A BOX.



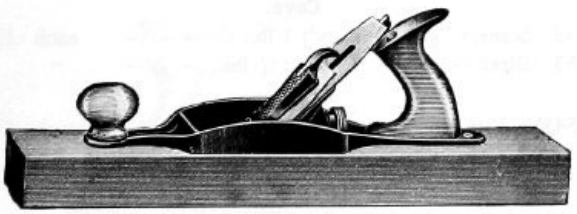
No. 035— 9 in., handled smooth, 2 in. cutter, w't 3¼ lbs., each, - - - - - - - - $2.50
No. 036—10 in., handled smooth, 2⅜ in. cutter, w't 4 lbs., each, - - - - - - - - 2.75

ONE IN A BOX.



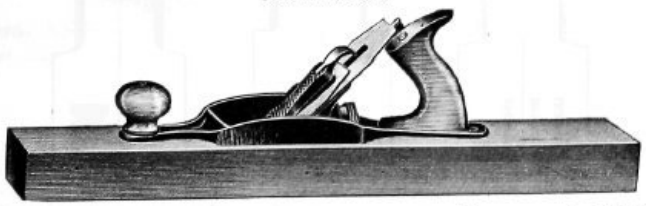
No. 026—15 in., jack, 2 in. cutter, w't 5 lbs., - each $2.25
No. 027—15 in., jack, 2⅜ in. cutter, w't 5¼ lbs., - " 2.50

ONE IN A BOX.



No. 028—18 in., fore, 2⅜ in. cutter, w't 6½ lbs., - each $2.75
No. 029—20 in., fore, 2⅜ in. cutter, w't 7 lbs., - " 2.75

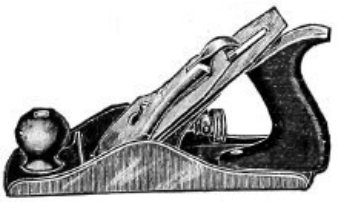
ONE IN A BOX.



No. 030—22 in., jointer, 2⅜ in. cutter, w't 7¼ lbs., - each $3.00
No. 031—24 in., jointer, 2⅜ in. cutter, w't 7½ lbs., - " 3.00
No. 032—26 in., jointer, 2⅝ in. cutter, w't 8½ lbs., - " 3.25
No. 033—28 in., jointer, 2⅝ in. cutter, w't 9 lbs., - " 3.25
No. 034—30 in., jointer, 2⅝ in. cutter, w't 9½ lbs., - " 3.50

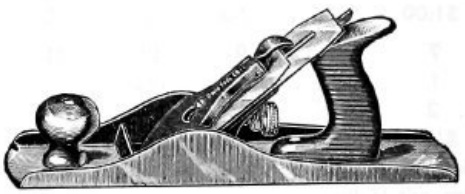
ONE IN A BOX.

IRON.



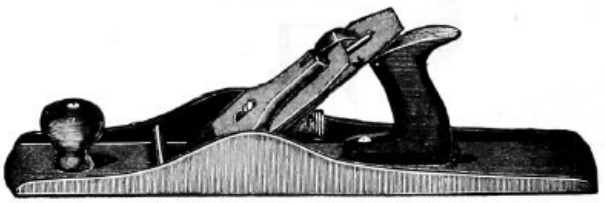
No. 03 — 8 in., smooth, 1¾ in. cutter, w't 3¼ lbs., each $3.00
No. 04 — 9 in., smooth, 2 in. cutter, w't 3¾ lbs., " 3.25
No. 04½—10 in., smooth, 2⅜ in. cutter, adjustable front, w't 5 lbs., - - - - - - each 3.75

ONE IN A BOX.



No. 05 —14 in., jack, 2 in. cutter, w't 4¾ lbs., - each $3.75
No. 05½—15 in., jack, 2¼ in. cutter, w't 5¾ lbs., - " 4.25

ONE IN A BOX.



No. 06—18 in., fore, 2⅜ in. cutter, w't 6½ lbs., - each $4.75

ONE IN A BOX.

No. 07—22 in., jointer, 2⅜ in. cutter, w't 7¾ lbs., - each $5.50
No. 08—24 in., jointer, 2⅝ in. cutter, w't 9¼ lbs., - " 6.50

ONE IN A BOX.

CORRUGATED BOTTOM IRON.

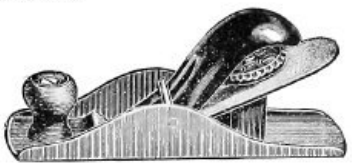
No. 03C — 8 in., smooth, 1¾ in. cutter, w't 3¼ lbs., each $3.00
No. 04C — 9 in., smooth, 2 in. cutter, w't 3¾ lbs., " 3.25
No. 04½C—10 in., smooth, 2⅜ in. cutter, adjustable front, w't 5 lbs., - - - - - - each 3.75
No. 05C —14 in., jack, 2 in. cutter, w't 4¾ lbs., " 3.75
No. 05½C—15 in., jack, 2¼ in. cutter, w't 5¾ lbs., " 4.25
No. 06C —18 in., fore, 2⅜ in. cutter, w't 6½ lbs., " 4.75
No. 07C —22 in., jointer, 2⅜ in. cutter, w't 7¾ lbs., " 5.50
No. 08C —24 in., jointer, 2⅝ in. cutter, w't 9¼ lbs., " 6.50

ONE IN A BOX.

OHIO BLOCK PLANES.

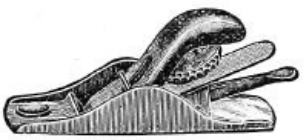
No. 0101—3½ in., 1 in. cutter, w't 4 oz., - - each $0.25
ONE IN A BOX.

No. 0102.

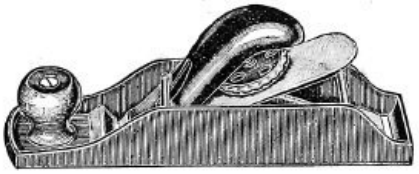


No. 0110.

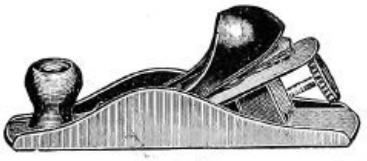
No. 0102—5½ in., 1¼ in. cutter, w't 14 oz., - each $0.55
No. 0110—7½ in., 1¾ in. cutter, w't 1¼ lbs., - " .70
ONE IN A BOX.



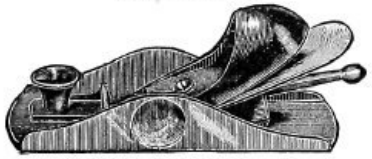
No. 0103—5½ in., adjustable, 1¼ in. cutter, w't 14 oz., each, - - - - - - - - $0.70
ONE IN A BOX.



No. 0130—8 in., double-ender, 1¾ in. cutter, w't 1¾ lbs., each, - - - - - - - - $1.00
With two slots and two cutter seats. By reversing position of the cutter and clamping wedge, can be used to plane close up into corners, and other difficult places.
ONE IN A BOX.



No. 0220—7½ in., adjustable, 1¾ in. cutter, w't 1½ lbs., each, - - - - - - - - $0.95
ONE IN A BOX.

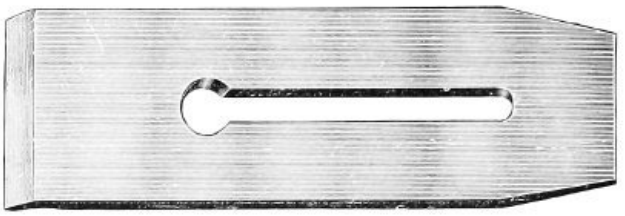


With Throat and Lateral Adjustment.
No. 09½—6 in., 1¾ in. cutter, w't 1¼ lbs., - each $1.60
No. 015 —7 in., 1¾ in. cutter, w't 1½ lbs., - " 1.70
ONE IN A BOX.

With Throat and Lateral Adjustment.
No. 09¾—6 in., rosewood handle, 1¾ in. cutter, w't 1½ lbs., each, - - - - - - - - $1.85
ONE IN A BOX.

PLANE IRONS.

OHIO.

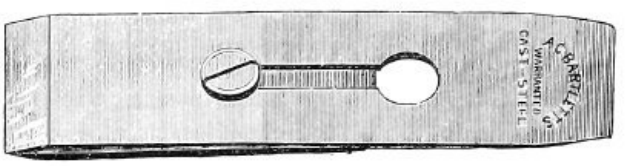


Single, for Ohio Iron Bench Planes.

No. 40—Width,	1¾	2	2⅛	2⅜	2⅝ in.
Each, - -	$0.30	.33	.35	.40	.45

ONE DOZEN IN A BOX.

BARTLETT'S.



No. 85.

Single, for Wood Bench Planes.

No. 80—Width, - -	1¾	1⅞	2 in.
W't per doz., - -	5	5¾	6½ lbs.
Per dozen, - - -	$2.75	2.95	3.15
No. 80—Width, - -	**2⅛**	**2¼**	**2⅜ in.**
W't per doz., - -	6⅞	7½	8 lbs.
Per dozen, - - -	$3.35	3.70	4.10
No. 80—Width, - -	**2½**	**2⅝**	**2¾ in.**
W't per doz., - -	8⅝	9¾	10 lbs.
Per dozen, - - -	$4.50	4.90	5.50

ONE DOZEN IN A BOX.

Double, for Wood Bench Planes.

No. 85—Width, -	1¾	1⅞	2	2⅛	2¼ in.
W't per doz., -	8½	9½	10½	11	12 lbs
Per dozen, - -	$6.00	6.25	6.45	6.65	7.00
No. 85—Width, - -		**2⅜**	**2½**	**2⅝**	**2¾ in.**
W't per doz., - -		12½	13	15	15½ lbs.
Per dozen, - - -		$7.40	8.20	9.00	10.15

HALF DOZEN IN A BOX.

PLOW BITS.

No. 8—Sets of 8, 3/16 to 5/8 in., for wood plows, - per set $1.50

TOOTH.

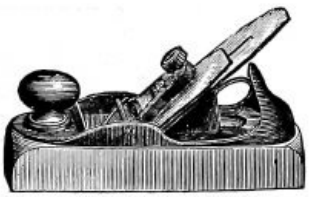
For No. 36 Wood Tooth Planes.

Width, - - -	2	2⅛	2¼ in.
W't per doz., - -	6	7½	9 lbs.
Per dozen, - -	$3.00	3.50	3.75

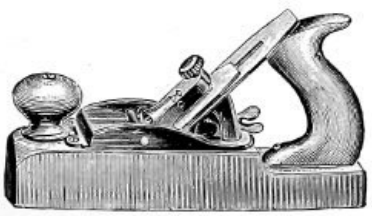
HALF DOZEN IN A BOX.

STANLEY'S ADJUSTABLE BENCH PLANES.

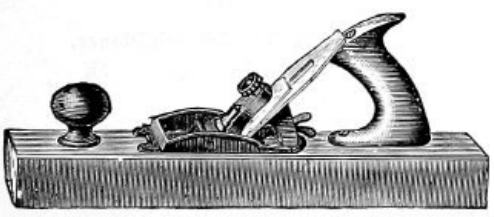
WOOD.



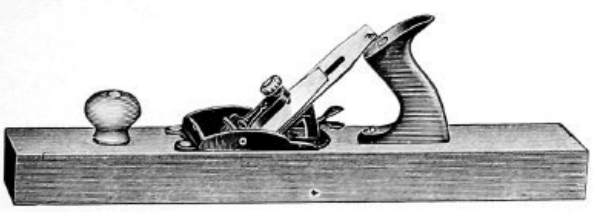
No. 122—8 in., smooth, 1¾ in. cutter, w't 2 lbs., - each $1.00
ONE IN A BOX.



No. 135—10 in., handled smooth, 2⅜ in. cutter, w't 3 lbs., each, - - - - - - - - - $1.35
ONE IN A BOX.



No. 127—15 in., jack, 2⅜ in. cutter, w't 3½ lbs., - each $1.35
Adjusted by a lever; especially adapted for working on soft woods.
ONE IN A BOX.

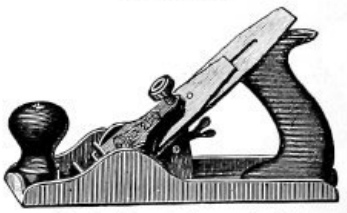


No. 129—20 in., fore, 2⅜ in. cutter, w't 5 lbs., - each $1.50
No. 132—26 in., jointer, 2⅝ in. cutter, w't 6½ lbs., - " 1.70
Adjusted by a lever; especially adapted for working on soft woods.
ONE IN A BOX.

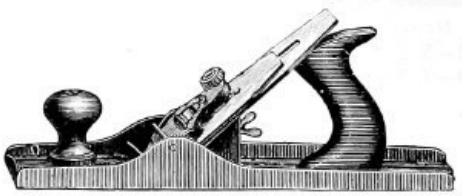
LOW ANGLE BLOCK.

No. 62B—14 in., low angle, 2 in. cutter, w't 4 lbs., - each $2.50
The construction of this plane is such that it is especially adapted for use in cutting across the grain on heavy work, where more power is required than can be obtained by use of the ordinary block plane. The plane is fitted with an adjustable throat, which enables the user to work equally well on hard or soft wood.
ONE IN A BOX.

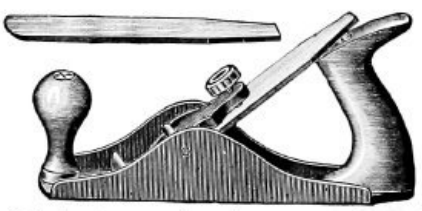
STEEL.



No. 104—9 in., smooth, 2⅛ in. cutter, w't 3 lbs., - each $1.85
ONE IN A BOX.

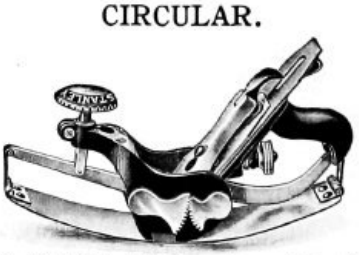


No. 105—14 in., jack, 2⅛ in. cutter, w't 3½ lbs., - each $2.35
ONE IN A BOX.

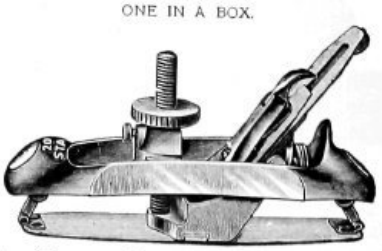


No. 40 — 9½ in., improved scrub, iron stock, 1¼ in. cutter, w't 2 lbs., - - - - - each $1.00
No. 40½—10½ in., improved scrub, iron stock, 1½ in. cutter, w't 2½ lbs., - - - - - each 1.35
This tool has a single iron with cutting edge rounded and is particularly adapted for roughing down work before using jack or other planes.
ONE IN A BOX.

CIRCULAR.



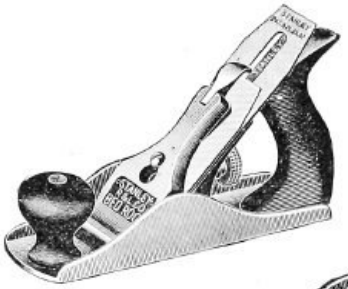
No. 113—10 in., adjustable, 1¾ in. cutter, w't 3½ lbs., each $2.75
Flexible steel face, easily shaped to any required arc, either concave or convex, by turning the knob on the front of the plane.
ONE IN A BOX.



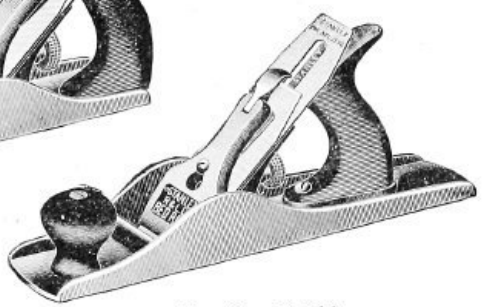
No. 20½—10 in., VICTOR, adjustable, 1¾ in. cutter, w't 4 lbs., each, - - - - - - - - - $3.15
No. 20 —Nickel plated, otherwise same as No. 20½, each 3.75
All parts specially designed with the object of eliminating any lost motion due to wear. The ends of the flexible face being fixed and the force applied at the center, great accuracy of adjustment is possible and the face is most firmly held in position.
ONE IN A BOX.

Orders for plane irons should designate the numbers of the planes for which they are wanted.

STANLEY'S BED ROCK IRON PLANES.



Nos. 602 to 604½.



Nos. 6 and 605½.

Flat Bottom.

No. 602	— 7 in., smooth, 1⅝ in. cutter, w't 2¼ lbs.,	each	$2.15
No. 603	— 8 in., smooth, 1¾ in. cutter, w't 3 lbs.,	"	2.30
No. 604	— 9 in., smooth, 2 in. cutter, w't 3½ lbs.,	"	2.50
No. 604½	—10 in., smooth, 2⅜ in. cutter, w't 4½ lbs.,	"	2.90
No. 605	—14 in., jack, 2 in. cutter, w't 4½ lbs.,	"	2.90
No. 605½	—15 in., jack, 2¼ in. cutter, w't 6 lbs.,	"	3.25

ONE IN A BOX.

Flat Bottom.

No. 606	—18 in., fore, 2⅜ in. cutter, w't 7 lbs., -	each	$3.50
No. 607	—22 in., jointer, 2⅜ in. cutter, w't 8 lbs., -	"	4.20
No. 608	—24 in., jointer, 2⅝ in. cutter, w't 9½ lbs., -	"	5.00

ONE IN A BOX.

These planes are called "one-piece" from their great solidity of construction and for the reason that the entire surfaces of the frog are in contact with the plane iron on one hand, and the plane bottom on the other, and are so perfectly fitted that from the plane iron to the bottom of the plane is as one solid piece of metal. The frog is machined, not ground. It is a well-known fact that more nearly perfect results are obtained by machining when held in a perfect jig than when held by hand against a grinding wheel. In adjusting, the tongue and groove move on a perfectly straight line, preventing any shifting or wobbling of the frog and consequently any possible looseness in any part. By the simple turn of an adjusting screw, the change from hardwood to pine can be made with scarcely a moment's delay.

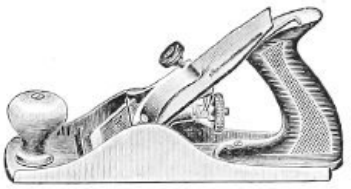
Although practically solid, this plane is easily adjustable at the mouth. The combination of one-piece solidity and quick adjustability is unique in planes and will at once be appreciated by every intelligent workman.

Corrugated Bottom.

No. 602C	— 7 in., smooth, 1⅝ in. cutter, w't 2¼ lbs.,	each	$2.15
No. 603C	— 8 in., smooth, 1¾ in. cutter, w't 3 lbs.,	"	2.30
No. 604C	— 9 in., smooth, 2 in. cutter, w't 3½ lbs.,	"	2.50
No. 604½C	—10 in., smooth, 2⅜ in. cutter, w't 4½ lbs.,	"	2.90
No. 605C	—14 in., jack, 2 in. cutter, w't 4½ lbs.,	"	2.90
No. 605½C	—15 in., jack, 2¼ in. cutter, w't 6 lbs.,	"	3.25
No. 606C	—18 in., fore, 2⅜ in. cutter, w't 7 lbs.,	"	3.50
No. 607C	—22 in., jointer, 2⅜ in. cutter, w't 8 lbs.,	"	4.20
No. 608C	—24 in., jointer, 2⅝ in. cutter, w't 9½ lbs.,	"	5.00

ONE IN A BOX.

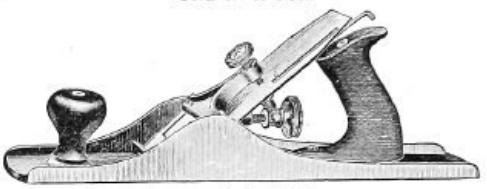
SIEGLEY ADJUSTABLE IRON PLANES.



Corrugated Bottom.

No. 4	— 9 in., smooth, 2 in. cutter, w't 2¾ lbs.,	each	$2.75
No. 4½	—10 in., smooth, 2¼ in. cutter, w't 3⅛ lbs.,	"	3.15

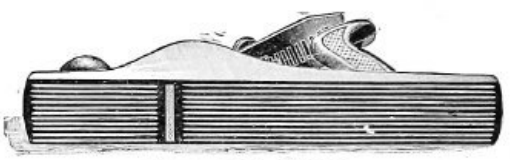
ONE IN A BOX.



Corrugated Bottom.

No. 5	—14 in., jack, 2 in. cutter, w't 3½ lbs., -	each	$3.15
No. 5½	—15 in., jack, 2¼ in. cutter, w't 4⅛ lbs., -	"	3.55

ONE IN A BOX.

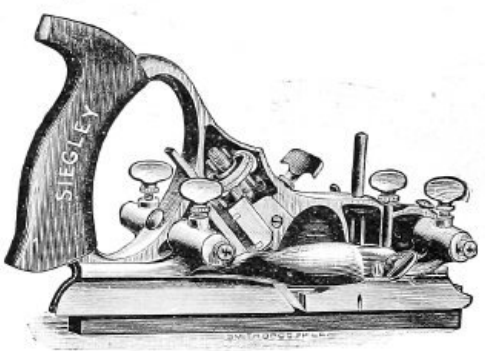


Corrugated Bottom.

No. 6	—18 in., fore, 2¼ in. cutter, w't 4¾ lbs., -	each	$4.00
No. 7	—22 in., jointer, 2⅜ in. cutter, w't 5½ lbs., -	"	4.55
No. 8	—24 in., jointer, 2½ in. cutter, w't 6½ lbs., -	"	5.45

ONE IN A BOX.

ADJUSTABLE COMBINATION



No. 2—9 in., SIEGLEY, nickel-plated combination carpenters' plow and dado, with side and center beading plane, 9 plow cutters, 3/16, ¼, 5/16, ⅜, 7/16, ½, 5/8, ¾ and ⅞ in., 7 beading tools ⅛, 3/16, ¼, 5/16, ⅜, 7/16 and ½ in., match cutter and sash tool, weight, 7½ lbs., - each $8.00

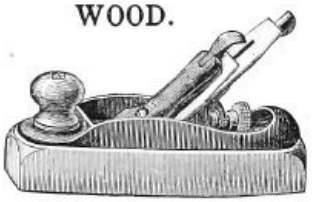
ONE IN A WOOD BOX.

SIEGLEY SINGLE PLANE IRONS.

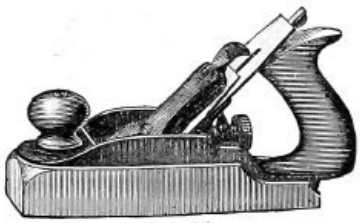
Width,	2	2¼	2⅜	2½ in.
Each, - -	$0.30	.35	.40	.45

BAILEY'S ADJUSTABLE BENCH PLANES.

WOOD.

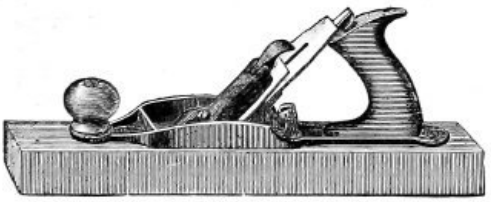


No. 21—7 in. smooth 1¾ in. cutter, w't 2 lbs., - each $1.35
No. 22—8 in. smooth 1¾ in. cutter, w't 2¼ lbs., - " 1.35
No. 23—9 in. smooth 1¾ in. cutter, w't 2½ lbs., - " 1.35
No. 24—8 in. smooth 2 in. cutter, w't 2½ lbs., - " 1.35
No. 25—9½ in. block, 1¾ in. cutter, w't 3½ lbs., - " 1.35
ONE IN A BOX.

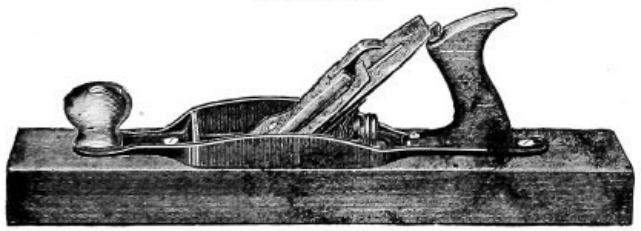


No. 35.

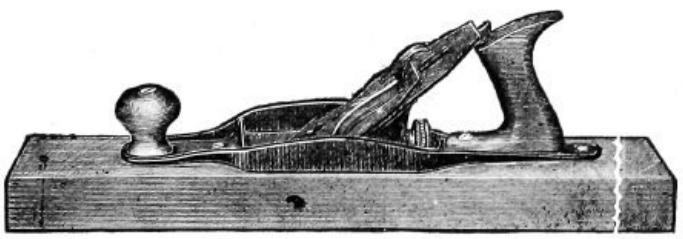
No. 35— 9 in. handled smooth, 2 in. cutter, w't 3 lbs., each, $1.70
No. 36—10 in. handled smooth, 2⅜ in. cutter, w't 3¾ lbs., each, - - - - - - - - 1.85
No. 37—13 in. jenny smooth, 2⅝ in. cutter, w't 5 lbs., each 2.00
ONE IN A BOX.



No. 26 —15 in. jack, 2 in. cutter, w't 3¾ lbs., - each $1.50
No. 27 —15 in. jack, 2⅛ in. cutter, w't 4 lbs., - " 1.70
No. 27½—15 in. jack, 2¼ in. cutter, w't 4¼ lbs., - " 1.70
ONE IN A BOX.

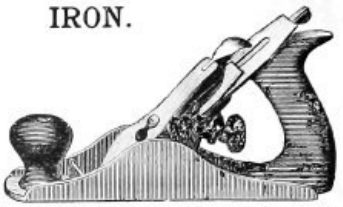


No. 28—18 in. fore, 2⅜ in. cutter, w't 5 lbs., - each $1.85
No. 29—20 in. fore, 2⅜ in. cutter, w't 5¾ lbs., - " 1.85
ONE IN A BOX.

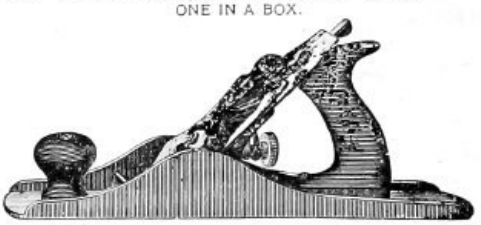


No. 30—22 in. jointer, 2⅜ in. cutter, w't 6 lbs., - each $2.00
No. 31—24 in. jointer, 2⅜ in. cutter, w't 6½ lbs., - " 2.00
No. 32—26 in. jointer, 2⅝ in. cutter, w't 7 lbs., - " 2.20
No. 33—28 in. jointer, 2⅝ in. cutter, w't 7½ lbs., - " 2.20
No. 34—30 in. jointer, 2⅝ in. cutter, w't 8½ lbs., - " 2.35
ONE IN A BOX.

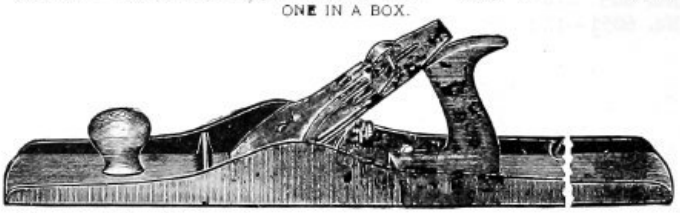
IRON.



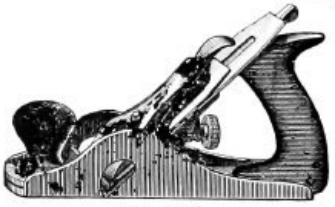
No. 1 — 5½ in. smooth, 1¼ in. cutter, w't 1 lb., - each $1.50
No. 2 — 7 in. smooth, 1⅝ in. cutter, w't 2 lbs., - " 1.85
No. 3 — 8 in. smooth, 1¾ in. cutter, w't 3 lbs., - " 2.00
No. 4 — 9 in. smooth, 2 in. cutter, w't 3½ lbs., - " 2.20
No. 4½—10 in. smooth, 2⅜ in. cutter, w't 5 lbs., - " 2.50
ONE IN A BOX.



No. 5 —14 in. jack, 2 in. cutter, w't 4½ lbs., - each $2.50
No. 5½—15 in. jack, 2¼ in. cutter, w't 6 lbs., - " 2.85
No. 6 —18 in. fore, 2⅜ in. cutter, w't 7 lbs., - " 3.20
ONE IN A BOX.



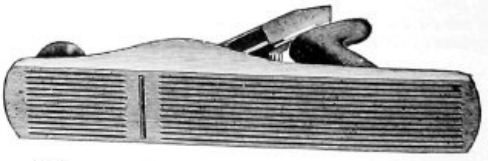
No. 7—22 in. jointer, 2⅜ in. cutter, w't 8 lbs., - each $3.65
No. 8—24 in. jointer, 2⅝ in. cutter, w't 9½ lbs., - " 4.35
ONE IN A BOX.



No. 10½.

No. 10½ — 9 in. carriage makers' rabbet, 2⅛ in. cutter, w't 3½ lbs., - - - - - - - each $2.50
No. 10 —13 in. carriage makers' rabbet, 2⅛ in. cutter, w't 4½ lbs., - - - - - - each 3.00
ONE IN A BOX.

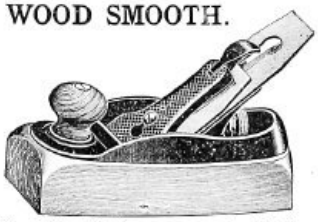
CORRUGATED BOTTOM, IRON.



No. 3C — 8 in. smooth, 1¾ in. cutter, w't 3 lbs., - each $2.00
No. 4C — 9 in. smooth, 2 in. cutter, w't 3½ lbs., - " 2.20
No. 4½C—10 in. smooth, 2⅜ in. cutter, w't 5 lbs., - " 2.50
No. 5C —14 in. jack, 2 in. cutter, w't 4½ lbs., - " 2.50
No. 5½C—15 in. jack, 2¼ in. cutter, w't 6 lbs., - " 2.85
No. 6C —18 in. fore, 2⅜ in. cutter, w't 7 lbs., - " 3.20
No. 7C —22 in. jointer, 2⅜ in. cutter, w't 8 lbs., - " 3.65
No. 8C —24 in. jointer, 2⅝ in. cutter, w't 9½ lbs., - " 4.35
No. 10½C— 9 in. carriage makers' rabbet, 2⅛ in. cutter, w't 3½ lbs., - - - - - each 2.50
No. 10C —13 in. carriage makers' rabbet, 2⅛ in. cutter, w't 4½ lbs., - - - - - - each 3.00
ONE IN A BOX.

"REV-O-NOC" ADJUSTABLE PLANES.

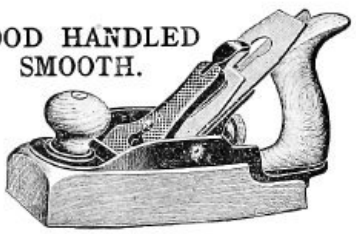
WOOD SMOOTH.



EACH

No. R22—8 in., 1¾ in. cutter, w't 2¼ lbs. $2.00
No R23—9 in., 1¾ in. cutter, w't 2½ lbs. 2.00
No. R24—8 in., 2 in. cutter, w't 2½ lbs. 2.00

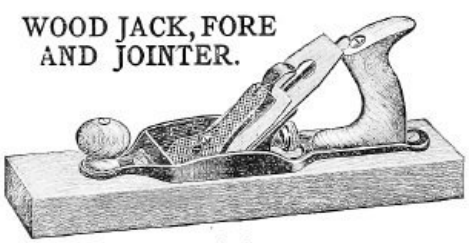
WOOD HANDLED SMOOTH.



EACH

No. R35—9 in., 2 in. cutter, w't 3 lbs. $2.50
No. R36—10 in., 2⅜ in. cutter, w't 3¾ lbs. 2.75

WOOD JACK, FORE AND JOINTER.



Jack.

EACH

No. R26 —15 in., 2 in. cutter, w't 3¾ lbs. $2.25
No. R27 —15 in., 2⅛ in. cutter, w't 4 lbs. 2.50
No. R27½—15 in., 2¼ in. cutter, w't 4¼ lbs. 2.50

Fore.

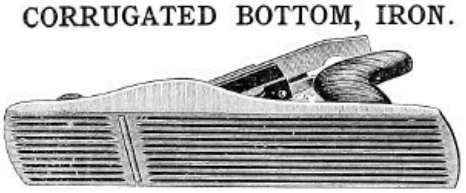
No. R28—18 in., 2⅜ in. cutter, w't 5 lbs. $2.75
No. R29—20 in., 2⅜ in. cutter, w't 5¾ lbs. 2.75

Jointer.

No. R30—22 in., 2⅜ in. cutter, w't 6 lbs., $3.00
No. R31—24 in., 2⅜ in. cutter, w't 6½ lbs. 3.00
No. R32—26 in., 2⅜ in. cutter, w't 7 lbs., 3.25
No. R33—28 in., 2⅜ in. cutter, w't 7½ lbs. 3.25

ONE IN A BOX.

CORRUGATED BOTTOM, IRON.

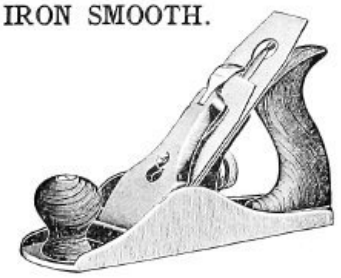


Otherwise Same as Similar Numbers Following.

No. R3C —8 in. smooth, 1¾ in. cutter, w't 3 lbs. each $3.00
No. R4C —9 in. smooth, 2 in. cutter, w't 3½ lbs. each 3.25
No. R4½C—10 in. smooth, 2⅜ in. cutter, w't 5 lbs. each 3.75
No. R5C —14 in. jack, 2 in. cutter, w't 4½ lbs. each 3.75
No. R5½C—15 in. jack, 2¼ in. cutter, w't 6 lbs. each 4.25
No. R6C —18 in. fore, 2⅜ in. cutter, w't 7 lbs. each 4.75
No. R7C —22 in. jointer, 2⅜ in. cutter, w't 8 lbs. each 5.50
No. R8C —24 in. jointer, 2⅝ in. cutter, w't 9½ lbs. each 6.50

ONE IN A BOX.

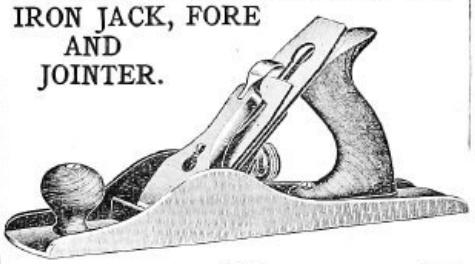
IRON SMOOTH.



EACH

No. R3 —8 in., 1¾ in. cutter, w't 3 lbs. $3.00
No. R4 —9 in., 2 in. cutter, w't 3½ lbs. 3.25
No. R4½—10 in., 2⅜ in. cutter, w't 5 lbs. 3.75

IRON JACK, FORE AND JOINTER.



Jack.

EACH

No. R5 —14 in., 2 in. cutter, w't 4½ lbs. $3.75
No. R5½—15 in., 2¼ in. cutter, w't 6 lbs. 4.25

Fore.

No. R6—18 in., 2⅜ in. cutter, w't 7 lbs. $4.75

Jointer.

No. R7—22 in., 2⅜ in. cutter, w't 8 lbs. $5.50
No. R8—24 in., 2⅝ in. cutter, w't 9½ lbs. 6.50

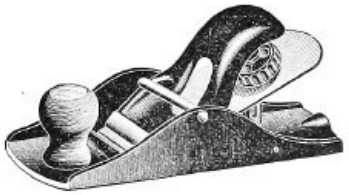
IRON BLOCK.

No. R101. No. R100.

No. R101—3½ in., 1 in. cutter, w't 4 oz., each $0.25
No. R100—3½ in., handled, 1 in. cutter, w't 6 oz. each .33

No. R102—5½ in., 1¼ in. cutter, w't ¾ lb each $0.55

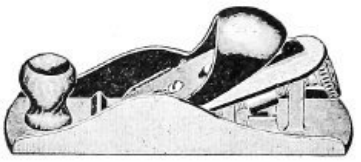
No. R103—5½ in., adjustable, 1¼ in. cutter, w't ¾ lb each $0.70



No. R110—7½ in., 1¾ in. cutter, w't 1¼ lbs. each $0.70

NO. R101, SIX; BALANCE ONE IN A BOX.

IRON BLOCK.

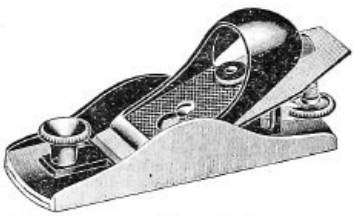


No. R2200—7½ in., adjustable, 1¾ in. cutter, w't 1¼ lbs. each $0.95

No. R1300—8 in., double-ender, 1¾ in. cutter, w't 1½ lbs. each $1.00

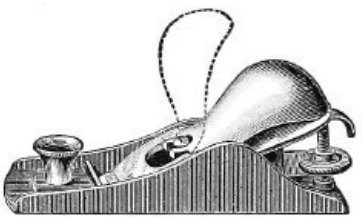
Nickel Plated Cap.

No. R6000—6 in., low angle, 1½ in. cutter, w't 1 lb. each $1.75
No. R6500—7 in., low angle, 1¾ in. cutter, w't 1 lb. each 1.85



With Throat and Lateral Adjustments.

No. R9½ —6 in., 1¾ in. cutter, w't 1½ lbs. each $1.60
No. R15 —7 in., 1¾ in. cutter, w't 1¾ lbs. each 1.70
No. R1600—Nickel plated cap, otherwise same as No. 9½ each 1.75
No. R1700—Nickel plated cap, otherwise same as No. 15 each 1.85



With Throat and Lateral Adjustments.

No. R1800—6 in., knuckle joint, nickel plated cap, 1¾ in. cutter, w't 1¼ lbs., each $1.85
No. R1900—7 in., knuckle joint, nickel plated cap, 1¾ in. cutter, w't 1½ lbs., each 1.95

The knuckle joint in the cap makes it a lever too, and placing the cap in position will also clasp the cutter securely in its seat.

ONE IN A BOX.

PATENT BLOCK PLANES.

BAILEY'S.

No. 60½—6 in., low angle, 1½ in. cutter, w't 1 lb., - each $1.00
No. 65½—7 in., low angle, 1¾ in. cutter, w't 1 lb., - " 1.10
No. 60 —Nickel plated cap, otherwise same as No. 60½, each, - - - - - - - - - 1.15
No. 65 —Nickel plated cap, otherwise same as No. 65½, each, - - - - - - - - - 1.25

ONE IN A BOX.

With Throat and Lateral Adjustments.

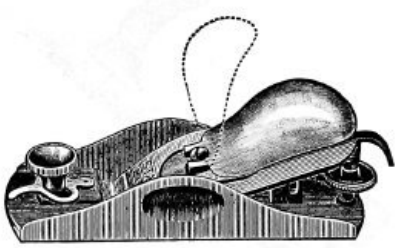
No. 9½—6 in., 1¾ in. cutter, w't 1½ lbs., - each $1.00
No. 15 —7 in., 1¾ in. cutter, w't 1¾ lbs., - " 1.10
No. 16 —Nickel plated cap, otherwise same as No. 9½, each, - - - - - - - - - 1.15
No. 17 —Nickel plated cap, otherwise same as No. 15, each, - - - - - - - - - 1.25

ONE IN A BOX.

With Throat and Lateral Adjustments.

No. 9¾—6 in., rosewood handle, 1¾ in. cutter, w't 1½ lbs., each, - - - - - - - - - $1.20
No. 15½—7 in., rosewood handle, 1¾ in. cutter, w't 1¾ lbs., each, - - - - - - - - - 1.30

ONE IN A BOX.



With Throat and Lateral Adjustments.

No. 18—6 in., knuckle joint, nickel plated cap, 1¾ in. cutter, w't 1¼ lbs., - - - - - - each $1.20
No. 19—7 in., knuckle joint, nickel plated cap, 1¾ in. cutter, w't 1½ lbs., - - - - - - each 1.30

The knuckle joint in the cap makes it a lever too, and placing the cap in position will also clasp the cutter securely in its seat.

ONE IN A BOX.

STANLEY'S.

No. 101—3½ in., 1 in. cutter, w't 4½ oz., - - each $0.15

ONE IN A BOX.

No. 100—3½ in., handled, 1 in. cutter, w't 6 oz., - each $0.20

ONE IN A BOX.

No. 103.

No. 102—5½ in., 1¼ in. cutter, w't ¾ lb., - each $0.30
No. 103—5½ in., adjustable, 1¼ in. cutter, w't ¾ lb., " .45

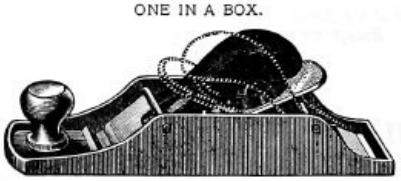
ONE IN A BOX.

No. 110—7½ in., 1¾ in. cutter, w't 1¼ lbs., - each $0.45

ONE IN A BOX.

No. 220—7½ in., adjustable, 1¾ in. cutter, w't 1¼ lbs., each, - - - - - - - - - $0.60

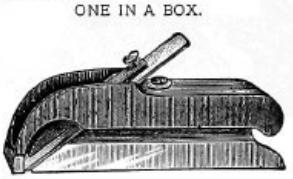
ONE IN A BOX.



No. 130—8 in., double-ender, 1¾ in. cutter, w't 1½ lbs., each, - - - - - - - - - $0.60

With two slots and two cutter seats. Can be used as a block plane, or, by reversing the position of the cutter and the clamping wedge, it can be used to plane close up into corners, or other difficult places.

ONE IN A BOX.



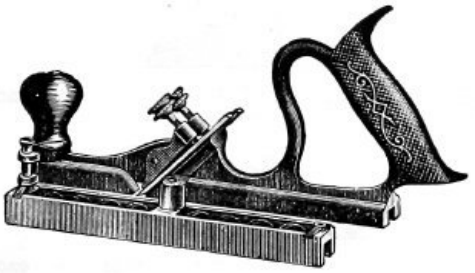
No. 75—4 in., bull-nose rabbet, iron stock, 1 in. cutter, w't 8 oz., - - - - - - - - each $0.35

ONE IN A BOX.

Orders for plane irons should designate the numbers of the planes for which they are wanted.

PATENT ADJUSTABLE PLANES.

STANLEY'S ADJUSTABLE TONGUING AND GROOVING.



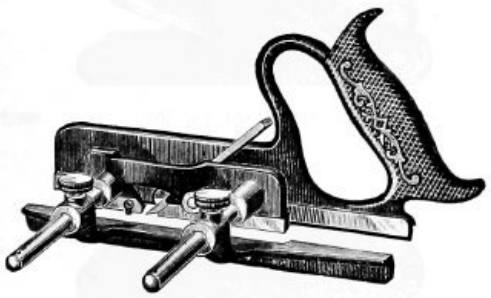
No. 48—8¾ in. nickel plated iron stock and fence, for ¾ to 1¼ in. boards, including tonguing and grooving tools, weight 3 lbs., - - - - - - each $2.50

No. 49—8 in. nickel plated iron stock and fence, for ⅜ to ¾ in. boards, including tonguing and grooving tools, weight 2½ lbs., - - - - - each 2.50

With two separate cutters, a suitable distance apart, so that when the guide, or fence, is set as shown above, both cutters work and a tongue can be made. The fence is hung on a pivot, and can be swung around, end for end. This movement covers one of the cutters, and also furnishes a guide for grooving an exact match for the tongue.

ONE IN A BOX.

STANLEY'S ADJUSTABLE BEADING.

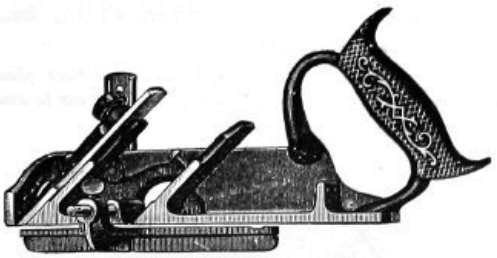


No. 50—7¾ in. nickel plated iron stock and fence, with ⅛, 3/16, ¼, 5/16, ⅜, 7/16 and ½ in. beading tools and 1 pair ¼ in. matching tools, weight 3¼ lbs., - each $4.00

By adjustment of the fence, center beading can be done up to 5 in. from the edge of the board. Except for working across the grain, the spurs need not be used.

ONE IN A BOX.

STANLEY'S DUPLEX RABBET AND FILLETSTER.

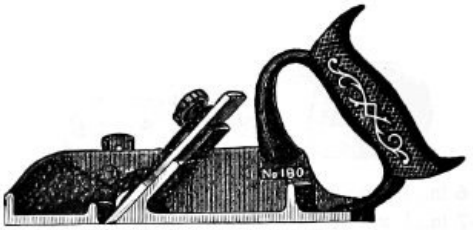


No. 78—8½ in. iron stock and fence, 1½ in. cutter, weight 3 lbs., - - - - - - - - - each $1.50

The arm to which the fence is secured can be screwed into either side of the stock, thus making a superior right or left hand filletster with adjustable spur and depth gauge. By removing the arm to which the fence is secured for rabbet plane, with two seats for the cutter, the tool can be used as a bull-nose rabbet.

ONE IN A BOX.

STANLEY'S IMPROVED RABBET.



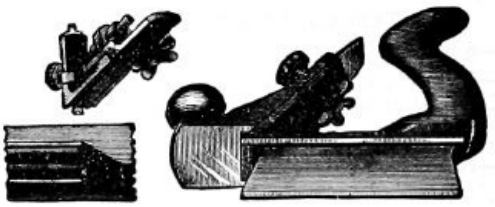
Iron Stock, Length 8 Inches, with Depth Gauge.

No. 180—1½ in. wide, without spur, weight 2½ lbs., each $1.00
No. 181—1¼ in. wide, without spur, weight 2¼ lbs., " 1.00
No. 182—1 in. wide, without spur, weight 2 lbs., " 1.00
No. 190—1½ in. wide, with spur, weight 2½ lbs., " 1.15
No. 191—1¼ in. wide, with spur, weight 2¼ lbs., " 1.15
No. 192—1 in. wide, with spur, weight 2 lbs., " 1.15

This plane will lie perfectly flat on either side, and can be used with right or left hand equally well, while planing into corners or up against perpendicular surfaces.

ONE IN A BOX.

STANLEY'S ADJUSTABLE CHAMFER.

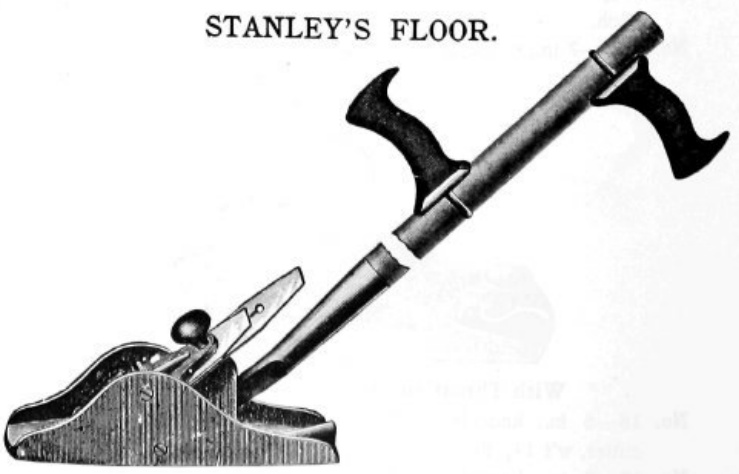


No. 72 —9 in. iron stock, 1⅝ in. cutter, weight 3 lbs., each $2.00
No. 72½—With beading and moulding attachment, including 6 cutters, sharpened at both ends, otherwise same as No. 72, weight 4 lbs., - - - - each 3.00

The front section of these planes is movable up and down. It can be firmly secured to the rear section at any desired point by means of a thumb screw. Without the use of any other tool, these planes will do perfect chamfer or stop-chamfer work of all ordinary widths.

ONE IN A BOX.

STANLEY'S FLOOR.



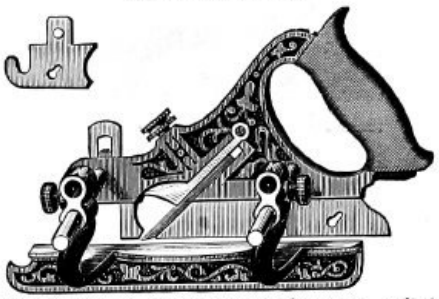
No. 74—10½ in., 2⅝ in. cutter, with 45 in. handle, weight 21 lbs., - - - - - - - - each $4.50

This tool will be found useful for planing floors, bowling alleys, skating rinks, decks of vessels, etc.

ONE IN A WOOD BOX.

PATENT ADJUSTABLE PLANES.

STANLEY'S BULL-NOSE PLOW AND MATCHING.



No. 143—Nickel plated, with 10 tools, bits, etc., w't 4 lbs., each, - - - - - - - - - $5.00

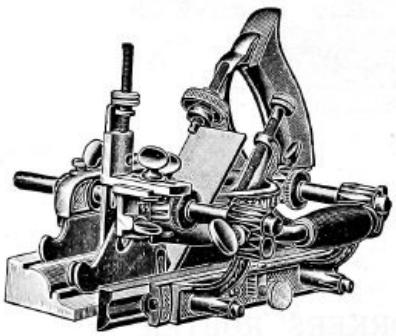
No. 141—Nickel plated, with 10 tools and a filletster, w't 5 lbs., - - - - - - - - each 7.00

Two interchangeable front parts go with this tool. The form shown above is that of a bull-nose plow; and the cutter will easily work up to and into a ½ in. hole, or any larger size—as in sash-fitting, stair-work, etc. With the other front on, it takes the ordinary form of a plow, and is adapted to all regular uses.

With each tool eight plow bits (⅛, 3/16, ¼, 5/16, ⅜, 7/16, ½ and ⅝ in.), a filletster cutter and a slitting blade, are furnished; also a tonguing tool (¼ in.).

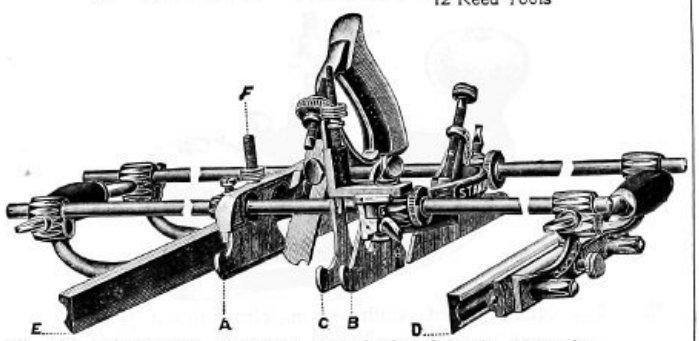
ONE IN A BOX.

STANLEY'S UNIVERSAL.



Tools and Bits.

2 Sash Tools
2 Match Tools
1 Slitting Tool
1 Filletster Tool
10 Plow and Dado Bits
9 Beading Tools
8 Fluting Tools
6 pairs Hollows and Rounds
6 pairs Quarter Hollows and Rounds
6 Reverse Ogee Bits
6 Roman Ogee Bits
6 Grecian Ogee Bits
6 Quarter Rounds with Bead
12 Reed Tools



No. 55—STANLEY'S, universal, nickel plated, with 52 tools, bits, etc., adapted to 93 different uses, arranged in 4 separate cases, w't 16 lbs., - - - each $16.00

Extra Cutters, 52 tools, bits, etc., adapted to 93 different uses, for No. 55 planes, - - - - per set 6.00

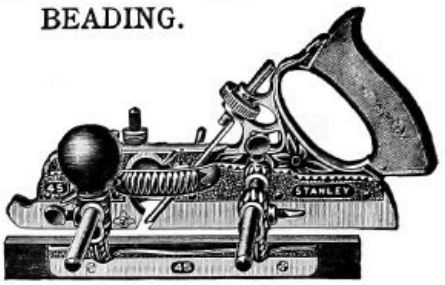
This tool in the hands of an ordinary carpenter can be used for all lines of work covered by a full assortment of so-called fancy planes.

This plane consists of: A main stock (A) with two sets of transverse sliding arms, a depth gauge (F) adjusted by a screw, and a slitting cutter with stop. A sliding section (B) with a vertically adjustable bottom. The auxiliary center bottom (C) is to be placed in front of the cutter, as an extra support, or stop, when needed. This bottom is adjustable both vertically and laterally. Fences (D) and (E). Fence D has a lateral adjustment by means of a screw, for extra fine work. The fences can be used on either side of the plane, and the rosewood guides can be tilted to any desired angle, up to 45°, by loosening the screws on the face. Fence E can be reversed for center beading wide boards. An adjustable stop to be used in beading the edges of matched boards is inserted on left side of sliding section (B).

ONE IN A NEAT WOOD BOX.

STANLEY'S PATENT ADJUSTABLE BEADING.

7 Beading Tools
10 Plow and Dado Bits
1 Slitting Blade
1 Tonguing Tool
1 Sash Tool.



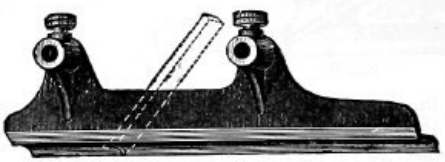
No. 45—Nickel plated stock, with 20 tools, bits, etc., embracing beading and center beading plane, rabbet and filletster, dado, plow, matching plane, sash plane, and a superior slitting plane, w't 9 lbs., - - - each $8.00

Extra Cutters, 20 tools, bits, etc., for No. 45 planes, per set 3.50

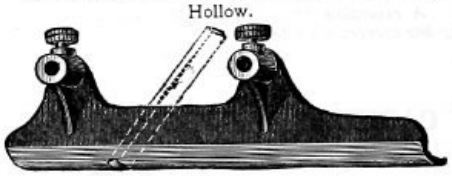
Each plane has seven beading tools (⅛, 3/16, ¼, 5/16, ⅜, 7/16, ½ and ½ in.), ten plow and dado bits (⅛, 3/16, ¼, 5/16, ⅜, 7/16, ½, ⅝, ¾ and ⅞ in.), a slitting blade, a tonguing tool and a sash tool; removable rosewood fence.

ONE IN A WOOD BOX.

STANLEY'S HOLLOWS AND ROUNDS.



Hollow.



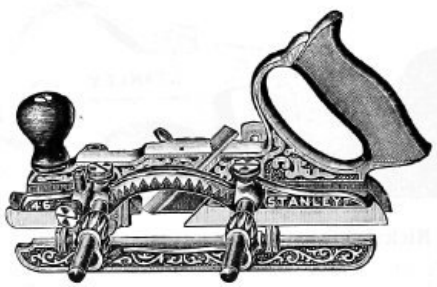
Round.

For Use on No. 45 Plane.

		PER PAIR.
No. 6—	½ in. cutter, works ¾ in. circle, w't 1¼ lbs., -	$1.40
No. 8—	⅝ in. cutter, works 1 in. circle, w't 2 lbs., -	1.40
No. 10—	¾ in. cutter, works 1¼ in. circle, w't 2 lbs., -	1.40
No. 12—	1 in. cutter, works 1½ in. circle, w't 2¼ lbs., -	1.40

ONE PAIR IN A BOX.

TRAUTS' ADJUSTABLE DADO, PLOW, ETC.



No. 46—Nickel plated, with 11 tools, including plow bits, slitting and tonguing tools, w't 5¼ lbs., - - each $7.00

The No. 46 is accompanied by eight plow and dado bits (3/16, ¼, 5/16, ⅜, ½, ⅝, ⅞ and 1¼ in.), a filletster cutter, a slitting tool, and a tonguing tool. All, except the slitting blade, are secured in the main stock on a skew

ONE IN A BOX.

STANLEY'S PATENT ADJUSTABLE PLANES.

IMPROVED DADO.

8 Inch, Iron Stock, with Depth Gauge and Two Adjustable Spurs.

No. 39—Cutter,	¼	⅜	½	⅝	¾	⅞ in.
Each, - -	$1.50	1.50	1.50	1.50	1.50	1.50

The cutter is set on a skew; depth gauge is adjustable by means of a thumb screw. The spurs can be adjusted to take up the wear as well as for depth of cut.

ONE IN A BOX.

SIDE RABBET.

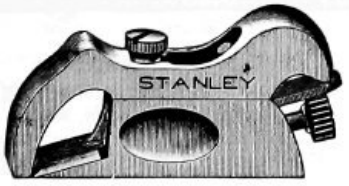
No. 98. No. 99.

No. 98—4 in., nickel plated, *right* hand, w't 8 oz., - each $0.90
No. 99—4 in., nickel plated, *left* hand, w't 8 oz., - " .90

Convenient tools for side-rabbeting and trimming dados, mouldings and grooves of all sorts. A reversible nose piece will give each tool a form by which it will work close up into corners when desired.

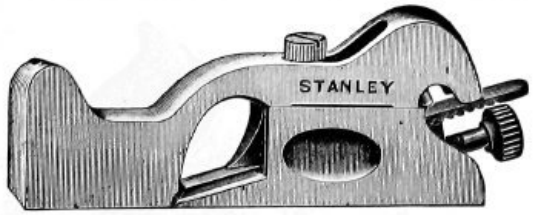
ONE IN A BOX.

CABINET MAKERS' RABBET.



No. 90—4 in., bull-nose, 1 in. cutter, w't 1⅛ lbs., - each $2.00

ONE IN A BOX.



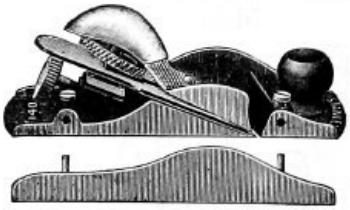
Nickel Plated, with Adjustable Throat.

No. 92—5½ in., ¾ in. cutter, - - - each $2.00
No. 93—6½ in., 1 in. cutter, - - - " 2.35
No. 94—7½ in., 1¼ in. cutter, - - - " 2.75

Designed for fine cabinet work where extreme accuracy is required. The sides and bottom being square with each other, the plane will lie perfectly flat on either side, and can be used right or left. Both cutter and width of throat opening are adjustable.

ONE IN A BOX.

RABBET AND BLOCK.

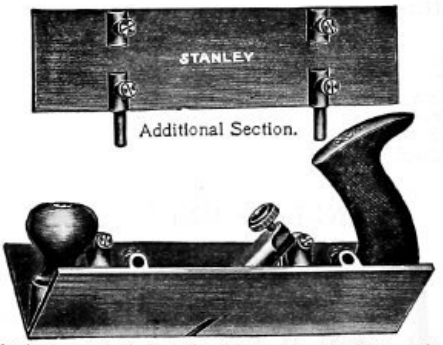


No. 140—7 in., with detachable side, 1¾ in. cutter, w't 1¾ lbs., - - - - - - - - each $1.25

The detachable side will easily change this tool from a block plane to a rabbet plane, and vice versa. The cutter is set on a skew.

ONE IN A BOX.

CORE-BOX.



No. 57—10½ in., nickel plated, with 1 pair of additional sections, for semicircles, up to 5 in. in diameter, w't 5½ lbs., - - - - - - - - each $4.00
Additional Sections, 2½ in. wide, for working larger diameters, - - - - - - - - per pair 1.00

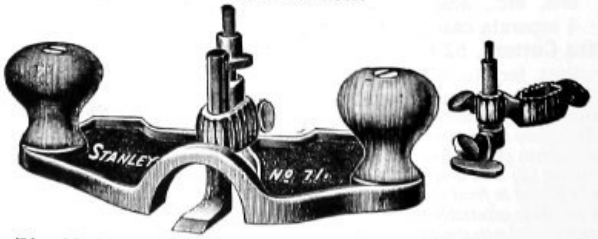
A tool much used by pattern-makers, wheelwrights and others, for planing out semicircles. So constructed that the sides can be extended by additional sections, 2½ in. wide, until a diameter of 10 in. can be worked.

ONE IN A BOX.

WOODWORKERS' ROUTER.

No. 71½—Nickel plated, width 8¼ in., closed throat, ¼ and ½ in. steel bits, w't 2¼ lbs., - - - each $1.50

ONE IN A BOX.



No. 71—Nickel plated, width 8¼ in., open throat, ¼ and ½ in. steel bits, with throat attachment, w't 2¼ lbs., each, - - - - - - - - $1.85

ONE IN A BOX.

CABINET SCRAPERS.

STANLEY'S.

No. 85. No. 87.

No. 85—8 in., adjustable, 2 in. cutter, rabbet, tilting rosewood handle and knob, weight 2½ lbs., - - - each $3.00

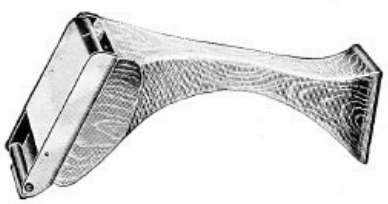
No. 87—8 in., adjustable, 2 in. cutter, stationary rosewood handle and knob, weight 2½ lbs., - - - each 2.00

Cutters, for Nos. 85 and 87, - - - - " .20

Woodworkers will find these tools to be particularly handy and reliable where a scraper can be used. The cutter rests under a slight pressure against the front edge of the mouth. In working, the cutter springs backward, thereby opening the mouth and allowing the shaving to pass through, but as soon as working pressure is released the cutter resumes its normal position. This closes the mouth and prevents any dust or shaving falling through on the finished work. The frog is adjustable which permits of the mouth of the scraper being narrowed or widened, thus enabling the user to work equally well on hard or soft wood. If it is desired to change the angle of the iron, the frog can be tilted by means of an adjusting screw. The handle and knob on No. 85 scraper can be tilted to right or left to clear the hands of the workman when scraping in corners.

ONE IN A BOX.

ELLSWORTH'S



No. 21—8 in., adjustable, 3 in. steel cutter, polished hickory handle, weight 1⅜ lbs, - - - per dozen $16.00

Extra blades, - - - - - - " 1.50

This tool was designed by a thorough workman in hard wood. It may be held in several positions, thus making the work easy, and it will not cramp the hand. It is easy to adjust and sharpen. This tool positively will not jump, because the bit is clamped close to cutting edge so it can be held firm. This tool is used on bench and floor work, also butcher's blocks. To adjust blade raise clamp to right angle, loosen set screws at end of roller, turn roller until tight on bit, tighten set screws and close clamp.

ONE IN A BOX.

MARKING GAUGES.

STANLEY'S.

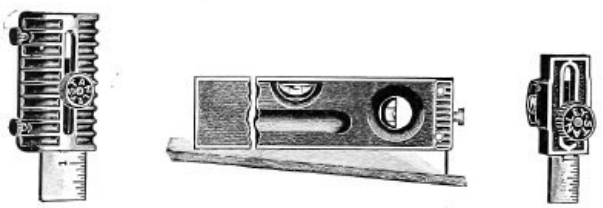
No. 97—Nickel plated and polished, reversible bar, marked, weight per dozen 4½ lbs., - - - per dozen $6.60

To one end of the bar is attached a steel point for use as an ordinary Marking Gauge. On the other end is a steel roller which can be used in many instances to better advantage than the point—such as marking across the grain or knotty places. Both the point and the roller are set very near the end of the bar to admit of being used close into a rabbet or corner. The head of the gauge can be turned over for a broad or narrow bearing, as desired.

ONE IN A BOX.

PITCH ADJUSTERS.

STANLEY'S.



No. 5. No. 7.

No. 5—For wood levels, nickel plated and polished, adjustable slide, graduated to 2 in., weight per dozen 6 lbs., per dozen, - - - - - - - - - $12.00

No. 7—For iron levels, nickel plated and polished, adjustable slide, graduated to 1½ in., weight per dozen 4½ lbs. per dozen, - - - - - - - - - 12.00

This device can be readily attached to any iron or wood level, and securely fastened in place by means of a thumb screw. The bottom of its frame should set flush with the bottom of the level. The slide is adjusted by a screw and can be locked in place by a set screw. One edge of slide is graduated and a reading to determine pitch is taken from bottom of slide to bottom of frame.

ONE IN A BOX.

PLANES, BEADERS AND SCRAPERS.

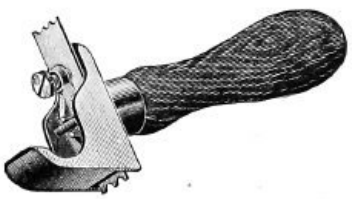
STANLEY'S BELT MAKERS' PLANES.

No. 11—5¾ in., 2⅜ in. cutter, w't 3½ lbs., - each $2.00

For chamfering down the laps of a belt before fastening them together. Equally well adapted for the same use in repairing belts in all large manufacturing establishments.

ONE IN A BOX.

STANLEY'S SINGLE HANDED BEADERS.

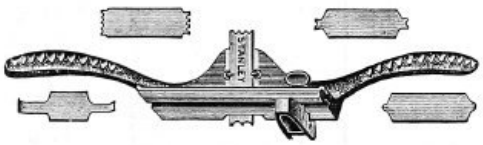


No. 69—Nickel plated, beech handle, ground edges, six ⅝ in. cast steel double ender cutters and one blank, w't 8 oz., - - - - - - - - each $0.75

This tool is useful for beading, reeding, or fluting diagonal lines, etc. The twelve cutting edges comprise six sizes of single beads, one 2 bead, two 3 bead and one 4 bead cutters; there are also two single groove cutters. The blank cutter will be found useful for special work.

ONE IN A BOX.

STANLEY'S UNIVERSAL HAND BEADERS.



No. 66—Width 11¼ in., nickel plated stock, 7 steel cutters and 1 blank with 2 gauges for straight or curved work, w't 1¼ lbs., - - - - - - - each $1.00

For beading, reeding, or fluting straight or irregular surfaces, and for all kinds of light routering. Furnished with a square gauge for straight work and an oval gauge for curved work. Both ends of the cutter are sharpened, thus embracing six ordinary sizes of beads, four sets of reeds, two fluters and a double router iron (⅛ and ¼ in.)

ONE IN A BOX.

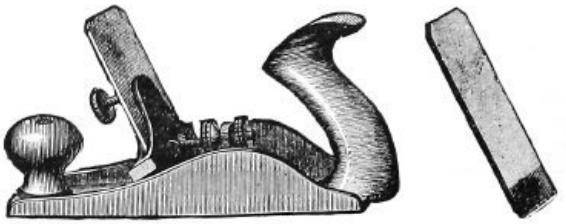
STANLEY'S WOOD SCRAPERS.

No. 83—3 in. cast steel polished blade, nickel plated frame, adjustable wood roller, 9¼ in. beechwood double handle, w't 1 lb., - - - - - - - - each $1.00

The scraper can be adjusted to any desired pitch, and may be worked toward or from the person using it. The roller acts as a support to relieve the strain on the wrist and hands of the workman. The handle can be detached for working into corners.

ONE IN A BOX.

STANLEY'S SCRAPER PLANES.



No. 112—9 in. adjustable, 3 in. cutter, w't 4 lbs., - each $2.00
Cutters, for veneer scraping, - - - - - " .20
Cutters, for toothing, Nos. 22, 28, 32 (22, 28 or 32 teeth per in.), - - - - - - - - - each .30

For scraping and finishing veneers and cabinet work. Can also be used as a tooth plane, and will do excellent work in scraping off old paint and glue. One scraper blade furnished with each plane.

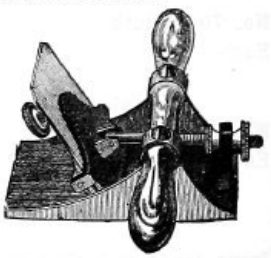
ONE IN A BOX.

BAILEY'S VENEER SCRAPERS.

No. 12—8 in., adjustable, 3 in. cutter, rosewood handle, w't 3½ lbs., - each $2.25

Takes the same cutter as No. 112 and adapted to the same uses.

ONE IN A BOX.

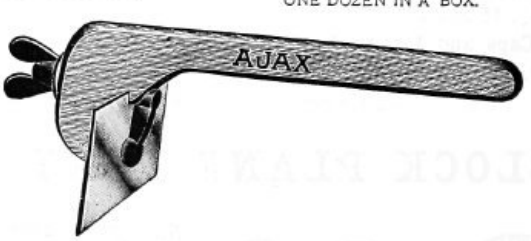


CABINET SCRAPERS.

Cast Steel, Polished.

Nos.	1	2	3
Inches,	2½×5	4×6	3×6
W't per doz.,	1½	3½	2¼ lbs.
Per dozen,	$1.50	2.65	1.75

ONE DOZEN IN A BOX.



No. 10—AJAX, 3×3 in. cast steel polished blade, polished beechwood handle, japanned malleable iron clamp, w't per doz. 10 lbs., - - - - - per dozen $5.00
No. 11—Extra Blades for No. 10, 3×3 in., 16 gauge steel, per dozen, - - - - - - - - - 2.80

A labor-saving and convenient tool, relieves the fingers from the painful stiffening effect produced by the ordinary scraper. With its aid very rapid work can be done with much less than the usual effort and correct scraping-angle is more easily preserved.

HALF DOZEN IN A BOX.

No. 80—STANLEY'S, japanned, length 11 in., 2¾ in. cutter, w't 1¾ lbs., - - - - - - - each $1.50

Raised handles; blade may be sprung to a slight curve by turning thumb screw.

ONE IN A BOX.

PLANE IRONS.

BAILEY'S AND STANLEY'S.

Bailey's Single.

No. 60—Width,	1⅝	1¾	2	2⅛	2⅜	2⅝ in.
Each, - -	$0.21	.23	.25	.27	.29	.32

Bailey's Double, for Wood Bottom Planes.

No. 65—Width, -	1¾	2	2⅛	2⅜	2⅝ in.
Each, - - -	$0.38	.42	.45	.48	.50

Stanley's Single.

No. 70—Width, - -	1¾	2⅛	2⅜	2⅝ in.
Each, - - - -	$0.23	.27	.29	.32

Stanley's Double, for Iron Bottom Planes.

No. 75—Width, -	1¾	2	2¼	2⅜	2⅝ in.
Each, - - -	$0.38	.42	.45	.48	.50

HALF DOZEN IN A BOX.

Block.

Irons, for Bailey's planes Nos. 9½, 9¾, 15, 15½, 16, 17, 18, 19 and 220, - - - - - - - each $0.17

Irons, for Stanley's planes Nos. 110 and 130, - " .13

Irons, for No. 120 Stanley's planes, - - - " .17

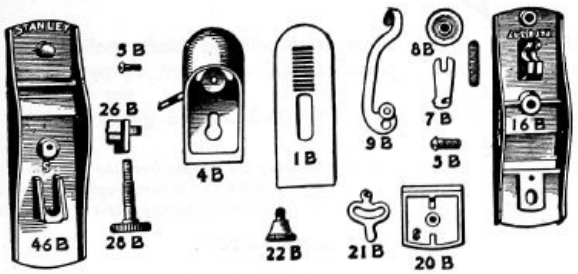
Extra Caps and Screws, for Stanley's planes Nos. 110, 120 and 130, - - - - - - - - each .10

Extra Caps and Levers, for Bailey's planes Nos. 9½, 9¾, 15 and 15½, - - - - - - each .10

Extra Caps and Levers, for Bailey's planes Nos. 18 and 19, - - - - - - - - - each .20

Always give number of plane in ordering.

BLOCK PLANE PARTS.

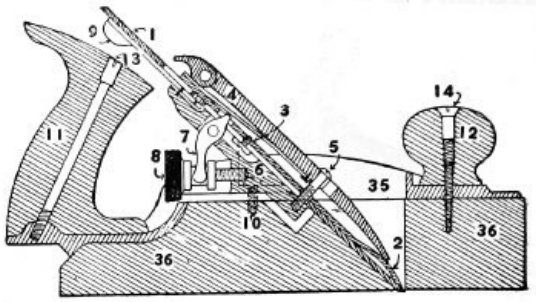


The following list of parts is given as a guide in ordering parts and repairs for Stanley and other planes. Always give number of plane for which part is wanted.

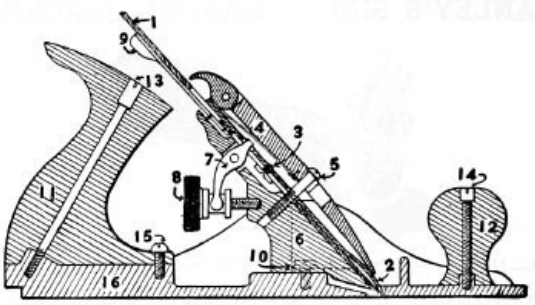
Fig. 1B. Plane Iron.
Fig. 4B. Cap.
Fig. 5B. Cap Screw.
Fig. 7B. Adjusting Lever.
Fig. 8B. Adjusting Nut.
Fig. 9B. Lateral Adjustment.
Fig. 16B. Bottom (adjustable throat).
Fig. 20B. Mouth-piece.
Fig. 21B. Eccentric Plate.
Fig. 22B. Knob.
Fig. 26B. Adjustable Frog.
Fig. 28B. Adjusting Screw.
Fig. 46B. Bottom.

We do not carry these goods in stock. All orders will be shipped from factory.

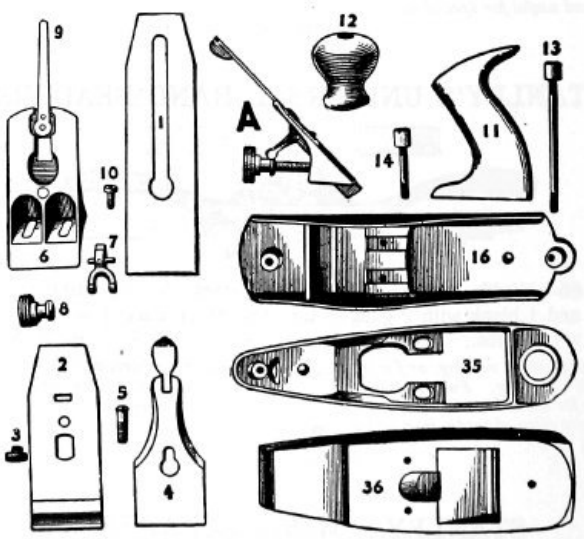
PLANE PARTS.



Sectional View of Stanley's Wood Bottom Planes.



Sectional View of Stanley's Iron Bottom Planes.



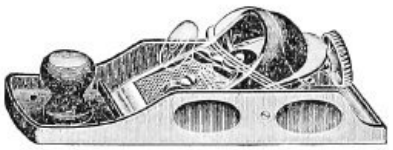
The following list of parts is given as a guide in ordering parts and repairs for Stanley and other planes. Always give number of plane for which part is wanted.

Fig. A. Frog Complete.
Fig. 1. Plane Iron.
Fig. 2. Plane Iron Cap.
Fig. 3. Plane Iron Screw.
Fig. 4. Cap.
Fig. 5. Cap Screw.
Fig. 6. Frog.
Fig. 7. "Y" Adjustment.
Fig. 8. Brass Adjusting Nut.
Fig. 9. Lateral Adjustment.
Fig. 10. Frog Screw.
Fig. 11. Handle.
Fig. 12. Knob.
Fig. 13. Handle Bolt and Nut.
Fig. 14. Knob, Bolt and Nut.
Fig. 15. Handle Screw.
Fig. 16. Bottom (iron plane).
Fig. 35. Top casting (wood plane).
Fig. 36. Bottom (wood plane).

We do not carry these goods in stock. All orders will be shipped from factory.

STANLEY'S SPECIAL PLANES.

BLOCK PLANES.



No. 131—8 in., adjustable, double-ender, 1¾ in. cutter, w't 3¾ lbs., - - - - - - - - each $1.40

This plane has two slots and a removable cutter seat. When it is desirable to use it as a bull nose plane, the cap and cutter can be removed and the adjustable cutter seat reversed, as indicated in cut.

ONE IN A BOX.

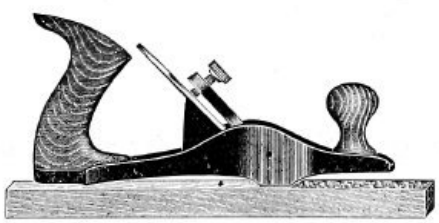
LOW ANGLE BLOCK PLANES.

No. 62B—14 in., low angle, 2 in. cutter, weight 4 lbs., each $2.50

The construction of this plane is such that it is especially adapted for use in cutting across the grain on heavy work, where more power is required than can be obtained by use of the ordinary block plane. The plane is fitted with an adjustable throat, which enables the user to work equally well on hard or soft wood.

ONE IN A BOX.

FURRING PLANES.



No. 340—10 in., 2 in. cutter, w't 2¾ lbs., - - each $1.50

A new tool for preparing lumber as it comes roughly sawed from the mill, to remove the fur and grit before using a smooth plane. The construction of the bottom is such as to accomplish this very rapidly.

ONE IN A BOX.

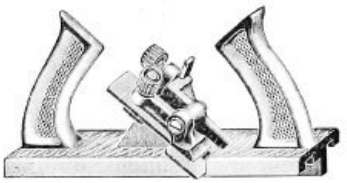
RABBET PLANES.

No. 97—10 in., 2¼ in. cutter, w't 2½ lbs., - each $2.00

A useful tool for piano makers and all cabinet workers, for trimming inside work where space prevents use of any other plane.

ONE IN A BOX.

MATCH PLANES.



No. 146—Double-end, nickel plated, matches ⅜ in. boards, cuts groove ⅛ in., w't 1¾ lbs., - - - each $2.00

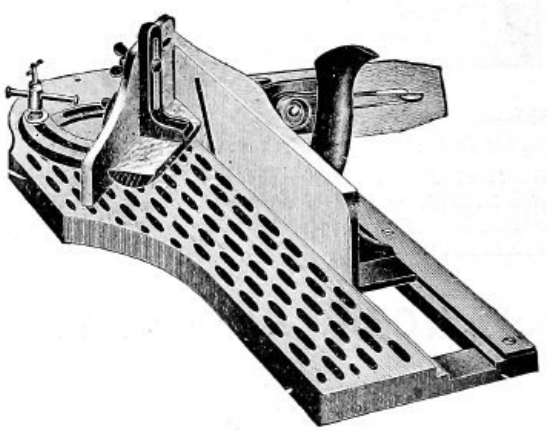
No. 147—Double end, nickel plated, matches ⅝ in. boards, cuts groove 3/16 in., w't 2 lbs., - - - each 2.00

No. 148—Double-end, nickel plated, matches ⅞ in. boards, cuts groove ¼ in., w't 2¾ lbs., - - - each 2.00

As shown in cut, this tool is provided with both tongue and groove irons. With one side a tongue can be cut, and by reversing ends, the plane will cut a groove to fit. The tonguing tools are made wider on one side for use on thicker stuff than the plane will tongue and groove in the center.

ONE IN A BOX.

CHUTE BOARDS.

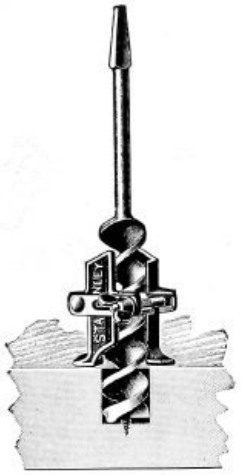


No. 52—Japanned, 22×9 in., 2⅜ in. cutter, w't 36 lbs., each $17.00

This tool, sometimes called a Jack Board, is a very important one for all wood workers, especially pattern makers and cabinet makers. It is also useful for amateurs. The board is made of cast-iron, of ribbed construction, and has an adjustable runway for the plane. The swivel is indexed for cutting a square and a mitre, but can be fastened with a clamping screw at any desired angle between zero and 90 degrees. The plane iron being fitted with a lateral adjustment, a cut giving any ordinary draft to a pattern can be made. The sliding back will support the work close to the plane, preventing it from splintering. The sliding back clamp will hold any shaped work in position to be planed. The plane is specially constructed to fit the board, and the iron is set on a skew, making a smooth, keen cut.

ONE IN A BOX.

BIT GAUGES.

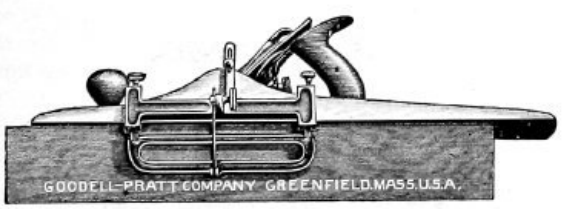


No. 49—Nickel plated steel, adjustable, w't per doz. 3¾ lbs., per dozen, - - - - - - - - - - $7.20

This gauge being adjustable will fit any bit and will always remain secure and accurate. To operate, loosen the thumb screws, insert the shank of the bit, turn the twist of the bit in the gauge to the required depth and tighten the thumb screws.

ONE IN A BOX.

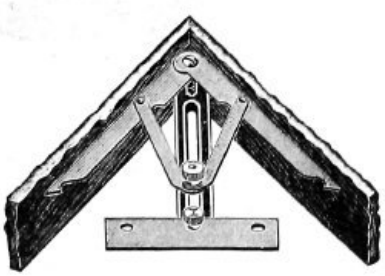
IRON PLANE GAUGES.



No. 333—SHEPARDSON'S, nickel plated, adjustable, for planing bevels of any angle, length 8 in., w't 1½ lbs., each $2.00

This tool can be attached to any iron plane, and will enable the operator to accurately plane bevels of any angle or make an even joint, and will do away with the continued use of a bevel or try square. The flat surface of the guide is ground to insure its accurate working.

ANGLE FINDERS.



No. 30—Nickel plated, w't 10½ oz., - - per dozen $18.00

With this tool any angle can be found and bisected. Fitting moulding or other woodwork to odd angles can be done with ease and certainty. It is also graduated for parts of circle commonly used. A handy tool for laying out work. The angle divider is accurately made and can be used as a try or T square.

ONE IN A BOX.

BAILEY VENEER SCRAPERS.

No. 12½—Adjustable, wood face, 3 in. cutter, w't 3¾ lbs., each, - - - - - - - - - $3.00

ONE IN A BOX.

RAZOR EDGE SPOKE SHAVES.

No. 72—Japanned, 11 in., 2 in. cutter, w't 14 oz., per dozen $12.00
No. 73—Japanned, 11 in., 2⅛ in. cutter, w't 2½ lbs., " 13.20

No. 84—Boxwood, 11 in., 2 in. cutter, w't 14 oz., per dozen $16.80
No. 85—Boxwood, 12 in., 2½ in. cutter, w't 17 oz., " 18.00

So called from the shape of the cutter, which is hollow ground, giving a keen cutting edge. The adjustable front can be moved up or down, opening or closing the mouth, and with the cutter properly adjusted, a coarse or very fine shaving can be cut.

ONE IN A BOX.

Cabinet Scraper Burnishers.

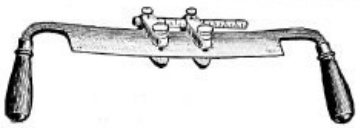
No. 1—Polished oval cast steel blade, wood handle with ferrule, entire length 8½ in., w't per dozen 1¼ lbs., per dozen, - - - - - - - - $4.00

This tool is used to put a smooth finishing edge to a cabinet scraper.

HALF DOZEN IN A BOX.

MISCELLANEOUS TOOLS.

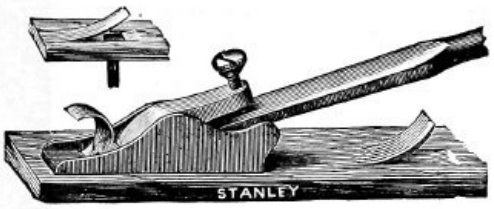
CHAMFERER GAUGES.



No. 1½—Nickel plated, 2 in. graduated bar, will fit 1⅜ in. to 1½ in. blade, - - - - - - per dozen $8.00

ONE IN A BOX. WEIGHT 6 LBS. PER DOZEN.

CHISEL GAUGES.



No. 96—STANLEY'S, adjustable, steel stock, 2¼ in., per dozen, - - - - - - - - - - $2.40

Can be attached to a ¼ in. chisel (with bevel edge up), and a shaving of any desired thickness can be raised, for blind nailing, or for inlaying wood strips in ornamental surface work.

HALF DOZEN IN A BOX. WEIGHT 6 LBS. PER DOZEN.

CORNERING TOOLS.

No. 28—STANLEY'S, 5¾×⅝ in., flat steel, 1/16 and ⅛ in. cutters, - - - - - - - per dozen $4.80

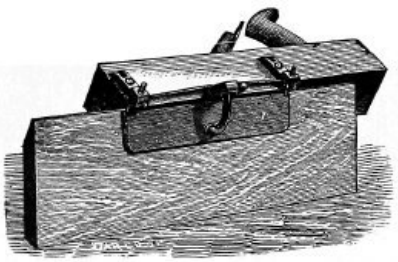
No. 29—STANLEY'S, 5¾×⅞ in., flat steel, ¼ and ⅜ in. cutters, - - - - - - - per dozen 4.80

This tool can be used by all wood-workers in rounding sharp edges. The tool is made in two numbers, with a different size cutter at each end, so sharpened that owner can always cut with the grain without changing position of the work.

It requires no depth gauge, as the form of the tool allows it to cut only to a certain depth.

HALF DOZEN IN A BOX.

JOINTER GAUGES.

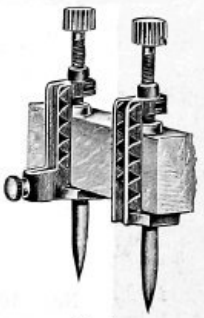


No. 9—ALEXANDER'S, adjustable, for squaring to any bevel, can be attached to any wood jack or jointer plane, per dozen, - - - - - - - - - $18.00

ONE IN A BOX. WEIGHT 24 LBS. PER DOZEN.

TRAMMEL POINTS.

No. 2.



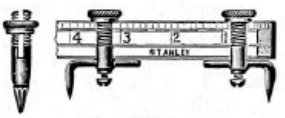
No. 4.

For Bar.

No. 2—STANLEY'S, cast brass, steel points, with pencil holder, w't 5 oz., - - - - - - per pair $1.25

No. 4—STANLEY'S, iron, nickel plated, steel points, with pencil pocket, w't 5 oz., - - - - - - per pair .75

ONE PAIR IN A BOX.



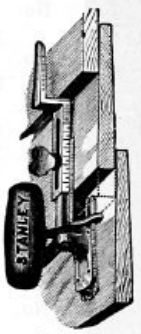
For Rule.

No. 99—STANLEY S, cast brass, steel points, with pencil socket, - - - - - - - - per set $0.50

ONE SET IN A BOX.

CLAPBOARD MARKERS AND GAUGES.

No. 88.



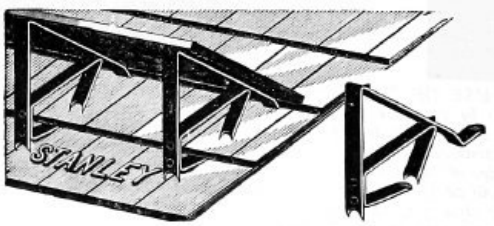
No. 89.

No. 88—Clapboard Markers, metal stock, wood handle, steel blade, adjustable, w't per doz. 12 lbs., - per dozen $6.00

No. 89—Clapboard Gauges, metal stock, wood handle, steel blade, adjustable, w't per doz. 6 lbs., - per dozen 6.00

NO. 88, ONE: NO. 89, ONE QUARTER DOZEN IN A BOX.

ROOFING BRACKETS.



No. 1—STANLEY'S, steel, japanned, 8 in., - per dozen $3.00

HALF DOZEN IN A BOX. WEIGHT 14 LBS. PER DOZEN.

SQUARES.

POLISHED IRON.

No. 1—2 ft. iron, 12 in. tongue, 1½×1 in. wide, marked in 4ths and 8ths in. on one side, weight per dozen 12 lbs., - - - - - - - - - - - - - - - - per dozen $ 9.00

No. 2—2 ft. iron, 12 in. tongue, 1½×1 in. wide, marked in 4ths and 8ths in. on both sides, weight per dozen 14 lbs., - - - - - - - - - - - - - - - - per dozen 11.00

No. 4—2 ft. iron, 12 in. tongue, 2×1½ in. wide, marked in 4ths and 8ths in. on both sides, weight per dozen 21 lbs., - - - - - - - - - - - - - - - - per dozen 12.50

HALF DOZEN IN A BOX.

POLISHED STEEL.

No. 10—1 ft., extra, 8 in. tongue, 1½×1 in. wide, marked in 4ths, 8ths and 12ths in., weight per dozen 11 lbs., - - - - - - - - - - - - - - - - per dozen $20.00

No. 14—2 ft., 16 in. tongue, 2×1½ in. wide, marked in 4ths and 8ths in. board measure, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 23.00

No. 7—2 ft., 16 in. tongue, 2×1½ in. wide, marked in 4ths and 8ths in. board measure, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 23.50

No. 5—2 ft., extra, 16 in. tongue, 2×1½ in. wide, marked in 4ths, 8ths and 12ths in. board and brace measure, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 25.50

No. 3—2 ft., super super extra, 16 or 18 in. tongue, 2×1½ in. wide, marked in 4ths, 8ths, 12ths and 16ths in. board and brace measure, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 27.50

No. 2—2 ft., cast steel finish, 16 in. tongue, 2×1½ in. wide, marked in 4ths, 8ths, 12ths and 16ths in. board and brace measure, and 8 square scale, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 30.00

No. 1—2 ft., cast steel, for drafting, 16 or 18 in. tongue, 2×1½ in. wide, marked in 4ths, 8ths, 12ths and 16ths in. board and brace measure, and 8 square and 1/100 scale, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 33.00

No. 100—2 ft., cast steel, improved, 16 or 18 in. tongue, 2×1½ in. wide, marked in 4ths, 8ths, 10ths, 12ths, 16ths and 32nds in., with brace, 8 square, 1/100 scale, and Essex's new board measure, giving feet and inches in full, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 40.00

ONE-QUARTER DOZEN IN A BOX.

BLUED STEEL.

No. 10B—1 ft., extra, 8 in. tongue, 1½×1 in. wide, marked in 4ths, 8ths and 12ths in., weight per dozen 11 lbs., - - - - - - - - - - - - - - - - per dozen $32.00

No. 14B—2 ft., 16 in. tongue, 2×1½ in. wide, marked in 4ths and 8ths in. board measure, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 35.00

No. 3B—2 ft., super super extra, 16 or 18 in. tongue, 2×1½ in. wide, marked in 4ths, 8ths, 12ths and 16ths in. board and brace measure, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 39.50

No. 100B—2 ft., cast steel, improved, 16 or 18 in. tongue, 2×1½ in. wide, marked in 4ths, 8ths, 10ths, 12ths, 16ths and 32nds in., with brace, 8 square, 1/100 scale, and Essex's new board measure, giving feet and inches in full, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 52.00

ONE-QUARTER DOZEN IN A BOX.

NICKEL PLATED STEEL.

No. 03—2 ft., super super extra, 16 in. tongue, 2×1½ in. wide, marked in 4ths, 8ths, 12ths and 16ths in. board and brace measure, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen $35.00

No. 01—2 ft., cast steel, for drafting, 16 in. tongue, 2×1½ in. wide, marked in 4ths, 8ths, 12ths and 16ths in. board and brace measure, 8 square and 1/100 scale, weight per dozen 28 lbs., per dozen, - 42.00

No. 0100—2 ft., cast steel, improved, 16 or 18 in. tongue, 2×1½ in. wide, marked in 4ths, 8ths, 10ths, 12ths, 16ths and 32nds in., with brace, 8 square, 1/100 scale, and Essex's new board measure, giving feet and inches in full, weight per dozen 28 lbs., - - - - - - - - - - - - - - - - per dozen 50.00

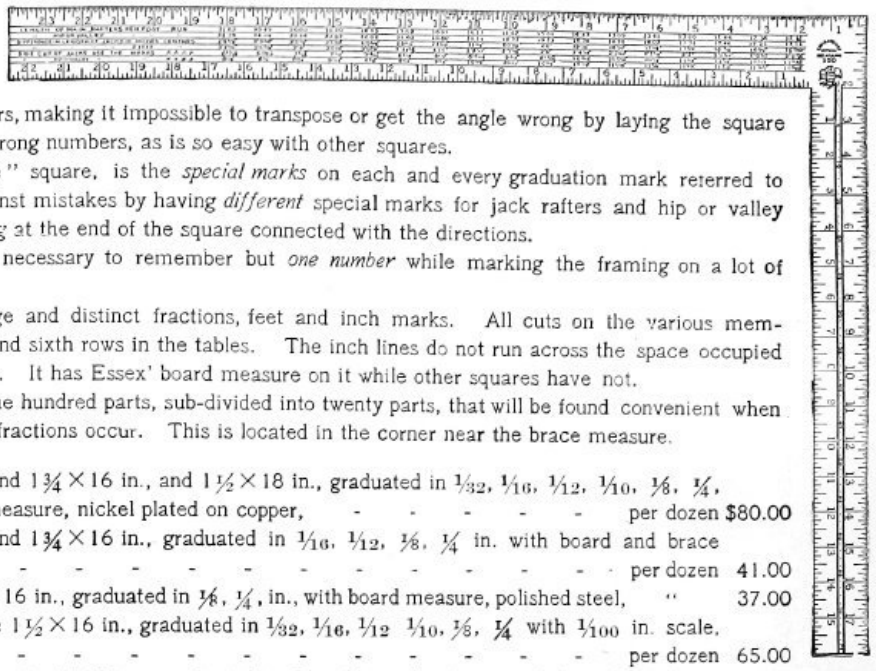
ONE-QUARTER DOZEN IN A BOX.

Squares with 16 in. tongue are always sent unless otherwise specified.

THE USE OF THE STEEL SQUARE.—Upon one side of the blade, running parallel with the length, will be found nine lines divided at intervals of 1 in. into sections or spaces by cross lines. This is the plank board and scantling measure. On each side of the cross lines referred to are figures, sometimes on one side of the cross line and often spread over the line, thus, 1 4-9. We will suppose we have a board 12 ft. long and 6 in. wide. Looking on the outer edge of the blade, we find 12; between the fifth and sixth lines, under 12, will be found 12 again; this is the length of the board. Now follow the space along toward the tongue till we come to the cross line under 6 (on the edge of the blade), this being the width of the board; in this space will be found the figure 6 again, which is the answer in board measure, viz., 6 ft. On some squares will be found on one side of the blade nine lines; crossing these lines diagonally to the right, are rows of figures, as seven 18, seven 28, seven 38, etc. This is another style of board measure and gives the feet in a board according to its length and width. In the center of the tongue will generally be found two parallel lines, half an inch apart, with figures between them; this is termed the brace rule. Near the extreme end of the tongue will be found 24-24 and to the right of these 33-95. The 24-24 indicate the two sides of a right-angle triangle, while the length of the brace is indicated by 33-95. This will explain the use of any of the figures in the brace rule. On the opposite side of the tongue from the brace rule will generally be found the octagon scale, situated between two central parallel lines. This space is divided into intervals and numbered thus: 10, 20, 30, 40, 50, 60.

EAGLE RAFTER AND FRAMING SQUARES.

The "Eagle" Framing Square excels in the accuracy of its reference tables for side cuts. Where other squares have only inch line marks, making *close* approximates to the exact *angles* impossible, the "Eagle" has a $\frac{1}{16}$ in. line of graduation on the body and a constant or turning point on the tongue, the 12 inch mark. It will readily be seen that the distance between the $\frac{1}{16}$ in. lines is so small that when the exact angle falls between these marks the distance to the nearest one can not exceed $\frac{1}{32}$ of an inch, which is less than the size of a pencil mark in an angular opening of 12 inches.



This square also has a *single* set of reference numbers, making it impossible to transpose or get the angle wrong by laying the square on the timber with the the body and tongue on the wrong numbers, as is so easy with other squares.

Another feature to be found on the "Eagle" square, is the *special marks* on each and every graduation mark referred to in the tables. There is still another safe guard against mistakes by having *different* special marks for jack rafters and hip or valley rafters. These marks are also shown in the lettering at the end of the square connected with the directions.

Another valuable point is the fact that it is necessary to remember but *one number* while marking the framing on a lot of timbers, while with other squares there are two.

This square has six rows of figures with large and distinct fractions, feet and inch marks. All cuts on the various members of a roof are marked by the figures in the fifth and sixth rows in the tables. The inch lines do not run across the space occupied by the tables, the decimal point is in its proper place. It has Essex' board measure on it while other squares have not.

Hundredth scale is one inch graduated into one hundred parts, sub-divided into twenty parts, that will be found convenient when using the brace and rafter measures, where decimal fractions occur. This is located in the corner near the brace measure.

No. 100 Framing—Body 2×24 in., tongue 1½ and 1¾×16 in., and 1½×18 in., graduated in $\frac{1}{32}$, $\frac{1}{16}$, $\frac{1}{12}$, $\frac{1}{10}$, $\frac{1}{8}$, $\frac{1}{4}$, with $\frac{1}{100}$ in. scale, brace, octagon and board measure, nickel plated on copper, - - - - - - per dozen $80.00

No. 3 Framing—Body 2×24 in., tongue 1½ and 1¾×16 in., graduated in $\frac{1}{16}$, $\frac{1}{12}$, $\frac{1}{8}$, $\frac{1}{4}$ in. with board and brace measure, polished steel, - - - - - - - - - - - - - - - - - per dozen 41.00

No. 14 Framing—Body 2×24 in., tongue 1½×16 in., graduated in $\frac{1}{8}$, $\frac{1}{4}$, in., with board measure, polished steel, " 37.00

No. 100B Blued Framing—Body 2×24 in., tongue 1½×16 in., graduated in $\frac{1}{32}$, $\frac{1}{16}$, $\frac{1}{12}$ $\frac{1}{10}$, $\frac{1}{8}$, $\frac{1}{4}$ with $\frac{1}{100}$ in. scale, brace, octagon and board measure, - - - - - - - - - - - - - - - per dozen 65.00

No. 3B Blued Framing—Body 2×24 in., tongue 1½×16 in., graduated in $\frac{1}{16}$, $\frac{1}{12}$, $\frac{1}{8}$, $\frac{1}{4}$ in., with board and brace measure, polished steel, - - - - - - - - - - - - - - - - - - - per dozen 53.00

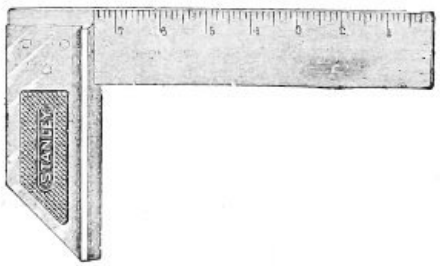
No. 14B Blued Framing—Body 2×24 in., tongue 1½×16 in., graduated in $\frac{1}{8}$, $\frac{1}{4}$ in., with board measure, - - " 49.00

The Bluing is etched into the steel and will wear much better than any other line of Blued or OXYDIZED SQUARES.

IN ORDERING ANY OF THE ABOVE SQUARES, BE PARTICULAR TO SPECIFY FRAMING, BLUED OR POLISHISED FINISH WANTED.

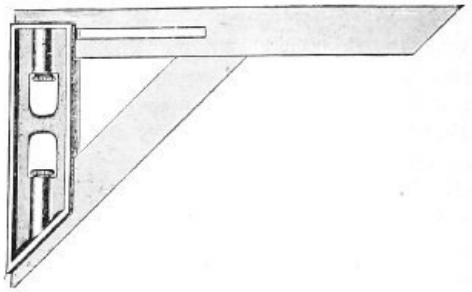
WEIGHT PER DOZEN 29 LBS. QUARTER DOZEN IN A BOX.

MITRE TRY SQUARES.



No. 15—STANLEY'S, 7½ in., polished steel blade, nickel plated iron handle, weight per dozen 9 lbs., per dozen $9.00

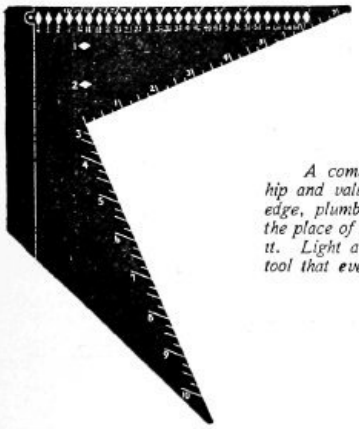
HALF DOZEN IN A BOX.



No. 28—Fox's, improved, nickel plated iron handle, polished steel blade, adjustable from 5 to 8 in., making a full set of squares and miters in one, w't per doz. 4 lbs., per dozen $15.00

HALF DOZEN IN A BOX.

UNIVERSAL SQUARES.



A combination square for the use of carpenters and other mechanics. It is used as a try square, bevel square, pitch cut square, hip and valley-cut square, and mitre square. Drawing circles, gauging lumber, octagonal cuts; laying out mortise and tenons, straight edge, plumb and level. To operate; you simply reverse it from side to side. It marks ⅛ in. on one side and ¼ in. on the other. It takes the place of many tools, and is needed by every carpenter. It is always ready for any use, there being nothing to adjust or change about it. Light and practically indestructible, being made of the best steel, coppered, then oxidized or nickel finish. This square is a universal tool that every mechanic and household needs.

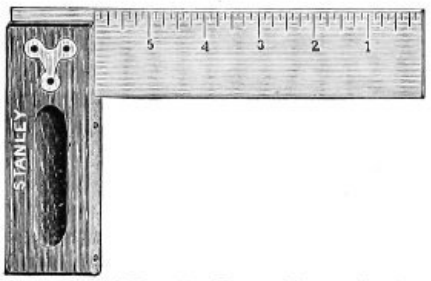
6 in., coppered steel, oxidized finish, weight per dozen 4½ lbs., - - - - - - - - - - - per dozen $ 7.80

10 in., coppered steel, nickel or oxidized finish, weight per dozen 5½ lbs, - - - - - - - - - " 12.00

HALF DOZEN IN A BOX.

TRY AND MITRE SQUARES.

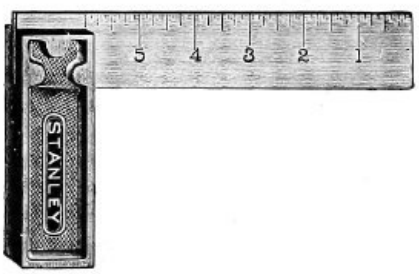
TRY SQUARES.



Stanley's, Rosewood Handle, Brass Face, Graduated Steel Blade.

No. 20—Inches,	3	4½	6	7½	9	12
W't per doz.,	2	3	4	5½	7	9½ lbs.
Per dozen,	$1.80	2.25	3.00	3.45	3.90	5.10

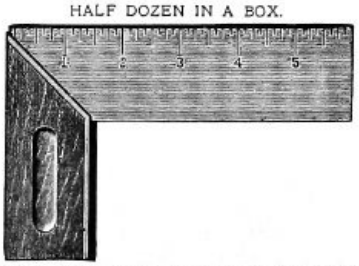
HALF DOZEN IN A BOX.



Stanley's Improved, Nickel Plated Iron Handle, Graduated Steel Blade, Square Inside and Out.

No. 12—Inches,	4	6	8	10	12
W't per doz.,	3½	6	9	12	15 lbs.
Per dozen,	$2.75	3.50	4.50	5.50	7.00

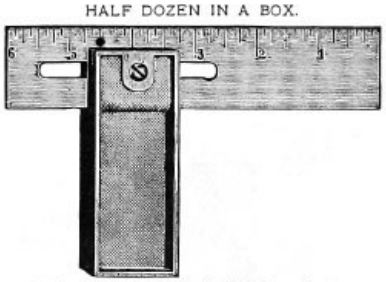
HALF DOZEN IN A BOX.



Winterbottom's, Rosewood Handle, Graduated Steel Blade, Brass Face, Square Inside and Out.

No. 2—Inches,	6	7½	9
W't per doz.,	4	6	7 lbs.
Per dozen,	$5.00	6.00	7.00

HALF DOZEN IN A BOX.

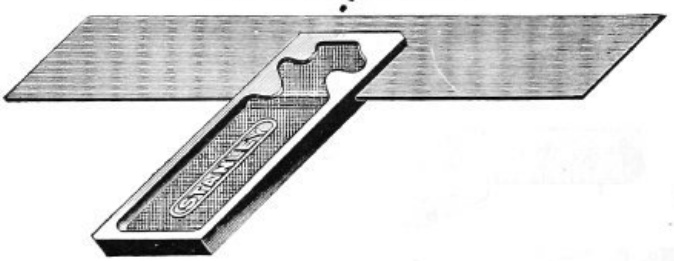


Stanley's Adjustable, Nickel Plated Iron Handle, Graduated Steel Blade.

No. 14—Inches,	4	6
W't per doz.,	2½	4 lbs.
Per dozen,	$3.75	4.50

HALF DOZEN IN A BOX.

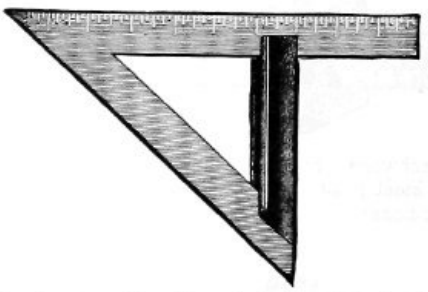
MITRE SQUARES.



Stanley's Improved, Nickel Plated Iron Handle.

No. 16—Inches,	8	10
W't per doz.,	7	8½ lbs.
Per dozen,	$7.00	8.00

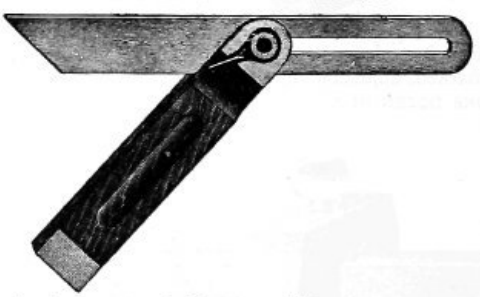
HALF DOZEN IN A BOX.



No. 8—Fox's, bent steel handle, polished steel blade, length 10 in., - - - - - - per dozen $12.00

HALF DOZEN IN A BOX. WEIGHT 5 LBS. PER DOZEN.

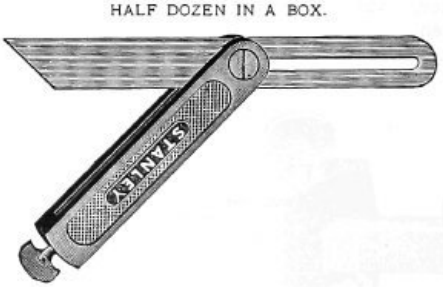
SLIDING T BEVELS.



Stanley's Improved, Rosewood Handle, Brass Flush Lever, Steel Blade.

No. 25—Inches,	6	8	10	12
W't per doz.,	2½	3½	4½	5¼ lbs.
Per dozen,	$3.30	3.60	3.90	4.20

HALF DOZEN IN A BOX.



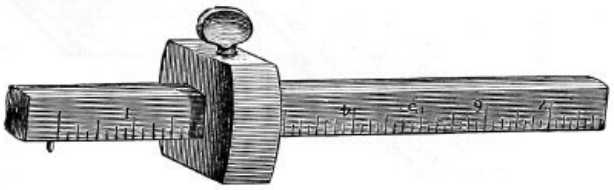
Stanley's Eureka, Nickel Plated Iron Handle, with Thumb Screw, Steel Blade.

No. 18—Inches,	6	8	10
W't per doz.,	4½	5½	6½ lbs.
Per dozen,	$6.00	6.50	7.50

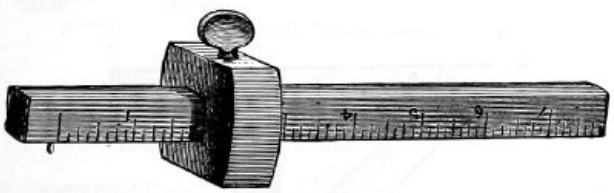
HALF DOZEN IN A BOX.

GAUGES.

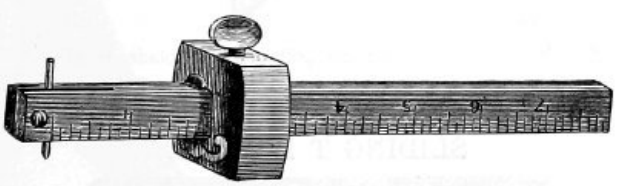
MARKING.



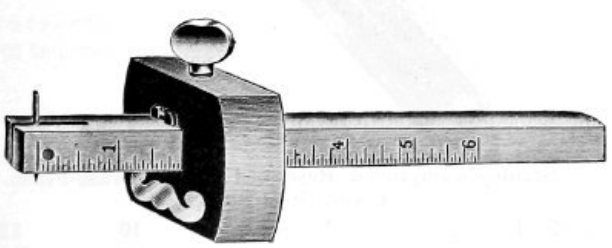
No. 0—Beechwood, boxwood thumb screw, marked, steel point, - - - - - - - per dozen $0.75
ONE DOZEN IN A BOX. WEIGHT 2½ LBS. PER DOZEN.



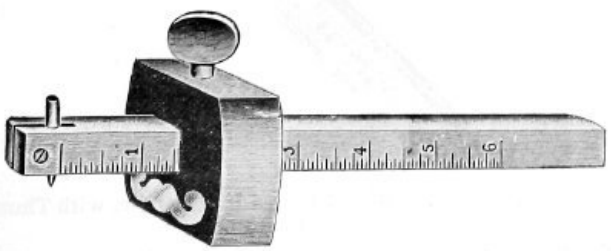
No. 61—Beechwood, boxwood thumb screw, oval bar, marked, steel point, - - - - - per dozen $1.00
ONE DOZEN IN A BOX. WEIGHT 3 LBS. PER DOZEN.



No. 62—Beechwood, polished, boxwood thumb screw, oval bar, marked, adjusting steel point, - - per dozen $2.00
ONE DOZEN IN A BOX. WEIGHT 3 LBS. PER DOZEN.

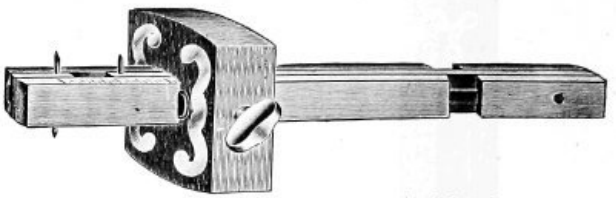


No. 65—Boxwood, polished, plated head, brass thumb screw and shoe, oval bar, marked, adjusting steel point, per dozen, - - - - - - - - - $6.00
HALF DOZEN IN A BOX. WEIGHT 4 LBS. PER DOZEN.

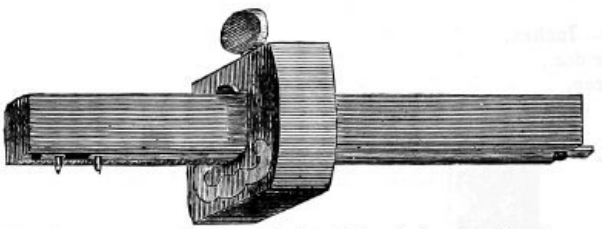


No. 70—Mahogany, polished, plated head, boxwood thumb screw, oval bar, marked, steel cutter, - per dozen $4.00
ONE DOZEN IN A BOX. WEIGHT 3 LBS. PER DOZEN.

MORTISE.

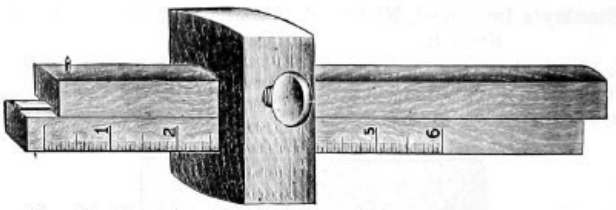


No. 68—Wood, plated head, adjustable wood slide, brass thumb screw, oval bar, marked, steel points, per dozen $6.00
HALF DOZEN IN A BOX. WEIGHT 3½ LBS. PER DOZEN.

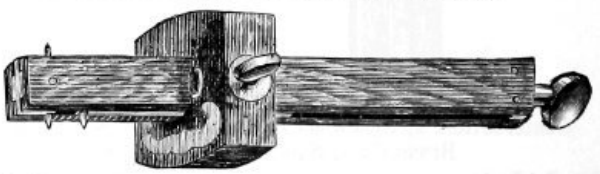


No. 73—Boxwood, polished, plated head, brass slide, brass thumb screw and shoe, oval bar, marked, steel points, per dozen, - - - - - - - - - $8.00
HALF DOZEN IN A BOX. WEIGHT 4 LBS. PER DOZEN.

MARKING AND MORTISE.

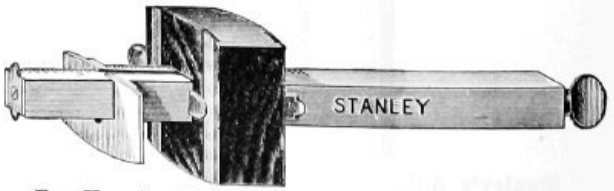


No. 72—Beechwood, polished, boxwood thumb screws, oval bars, marked, steel points, - - - per dozen $4.00
HALF DOZEN IN A BOX. WEIGHT 4 LBS. PER DOZEN.



No. 77—Rosewood, plated head, improved screw slide, brass thumb screw and shoe, oval bar, marked, steel points, - - - - - - - per dozen $10.00
HALF DOZEN IN A BOX. WEIGHT 5 LBS. PER DOZEN.

BUTT AND RABBET.

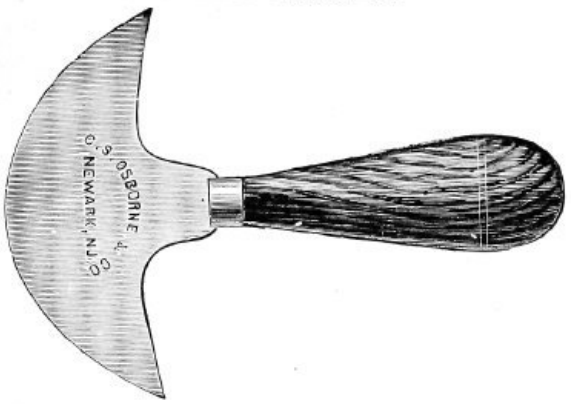


For Hanging Doors, Mortising, Marking, Etc.

No. 92—STANLEY'S, rosewood head, brass faced, two brass telescoping bars, marked, steel plate and markers, per dozen, - - - - - - - - $15.00
ONE IN A BOX. WEIGHT 9 LBS. PER DOZEN.

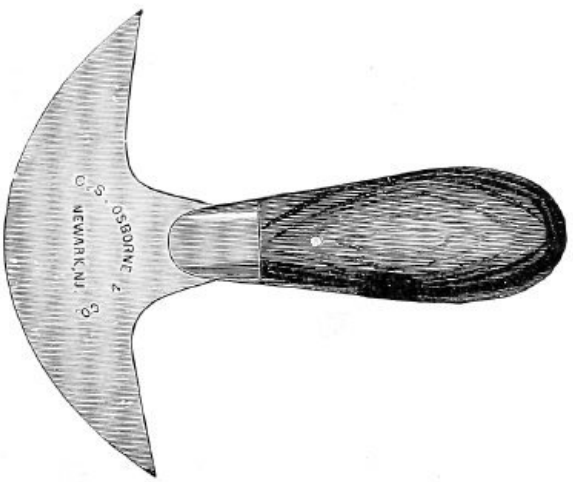
HARNESS MAKERS' TOOLS.

HEAD KNIVES.



No. H71—4½ in., round rosewood handle, brass ferrule, each $1.00

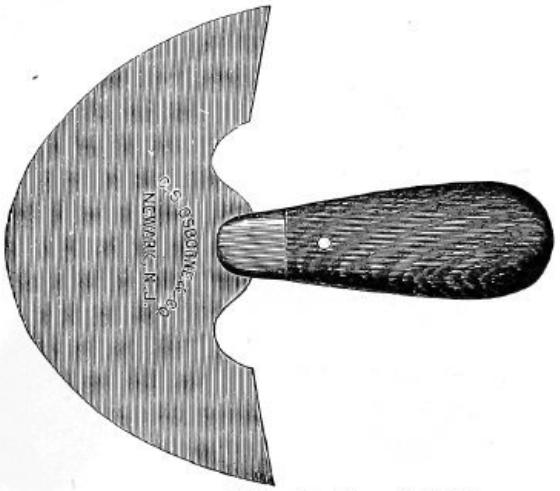
HALF DOZEN IN A BOX.



No. H75—4⅝ in., Philadelphia pattern, rosewood oval handle, brass bolster. - - - - - - - each $1.20

HALF DOZEN IN A BOX.

ROUND KNIVES.

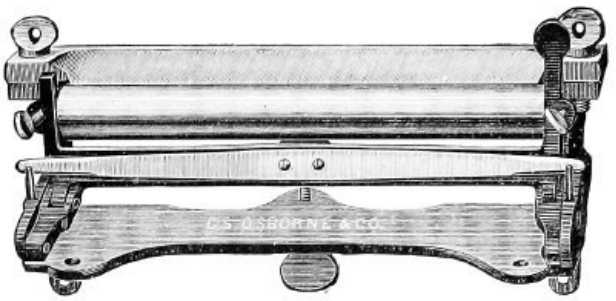


Oval Rosewood Handle, Brass Bolster.

Size, - -	5	6	6½ in.
No. H70—Each -	$1.90	2.20	2.50

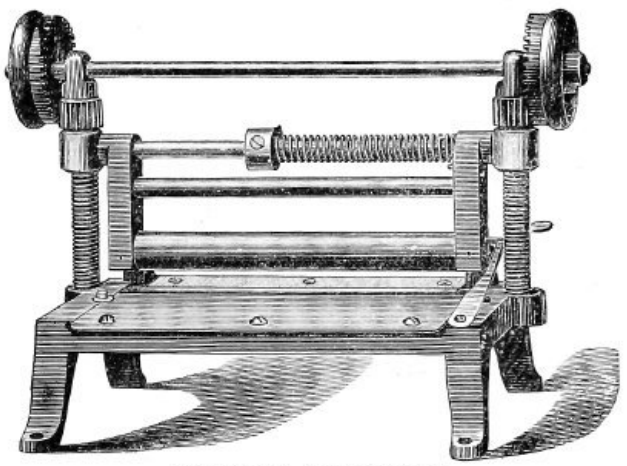
HALF DOZEN IN A BOX

SPLITTING KNIVES.



Iron Frame, New Pattern.

Length of knife, - -	6	8 in.
No. H86—Each - -	$7.50	9.20



Iron Frame, Chase Pattern.

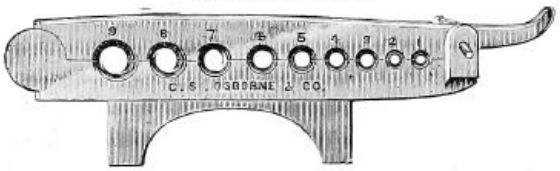
Length of knife, -	8	10	12 in.
No. H171—Each -	$12.50	15.00	17.50

STITCHING HORSES.

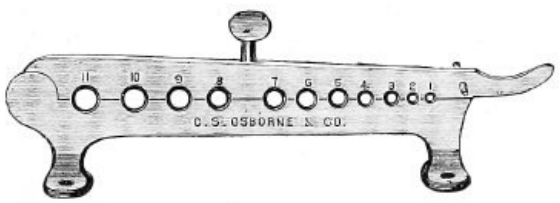
No. H500—Wood jaws, no strap, w't 19 lbs., - each $5.00

HARNESS MAKERS' TOOLS.

ROUNDERS.



No. H114—Polished steel, 9 holes, - - - each $4.60
ONE IN A BOX.



No. H110—Polished steel, 11 holes, - each $6.90
ONE IN A BOX.

BAG PUNCHES.

Polished Steel.

Nos. - -	H64	H65	H66	H67	H68
Size, - -	½	⅝	¾	⅞	1 in.
Each, - -	$1.30	1.30	1.30	1.30	1.30

ONE DOZEN IN A BOX.

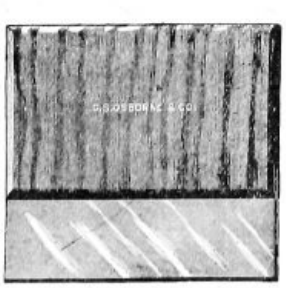
TRACE PUNCHES.

Polished Steel.

Nos. - - - - - -	H81	H82	H84
Size, - - - - - -	1⅛	1¼	1½ in.
Each - - - - - -	$1.80	1.80	1.80

HALF DOZEN IN A BOX.

GLASS SLICKERS.



No. H167—Rosewood handle, - - - - each $1.10
ONE DOZEN IN A BOX.

SQUARE POINT KNIVES.

No. H76—Round rosewood handle, brass, ferrule, 3¾ in. square point blade, - - - - - - each $0.40

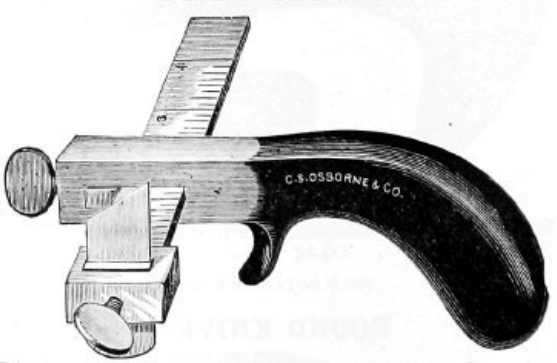
No. H77—Flat rosewood riveted handle, 3¾ in. square point blade, - - - - - - - - each $0.70
ONE DOZEN IN A BOX.

CAP KNIVES.

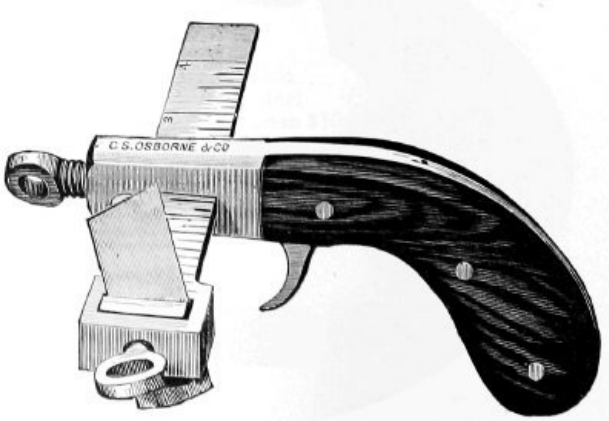
No. H79—Round rosewood brass ferrule, 3¾ in. blade, each $0.40

No. H80—Flat rosewood riveted handle, 3¾ in. blade, each $0.70
ONE DOZEN IN A BOX.

DRAW GAUGES.



No. H51½—Iron frame, patent hollow handle, improved, each $1.90
HALF DOZEN IN A BOX.



No. H52½—Iron frame, rosewood handle, improved, - each $2.30
HALF DOZEN IN A BOX.

The tools on this page are manufactured by C. S. Osborne & Co., and are made of the best materials and with the greatest care, each one being examined before it leaves the factory.

WHIP STOCKS.

COMMON.

All White Hickory, Finished, with Buck Keeper.

Nos.	3	4	5	10	15
Feet,	3	3½	4	4½	5
Per dozen,	$1.50	1.80	2.50	2.70	2.90

California Pattern.

No. 20—4½ ft., plain, hand shaved hickory, buck keeper, weight per dozen 4 lbs., - - - - - - - - per dozen $6.00
No. 25—5 ft., plain, hand shaved hickory, buck keeper, weight per dozen 6 lbs., - - - - - - - - " 6.50

AVERAGE WEIGHT 4 LBS. PER DOZEN.

No. 40.

No. 30—4½ ft., hand shaved hickory, seven 1½ in. nickel plated ferrules, buck keeper, - - - - - - - - per dozen $10.00
No. 35—5 ft., otherwise same as No. 30, - - - - - - - - - - - - - - - - " 10.50
No. 40—4½ ft., hand shaved hickory, seven 1½ in. nickel plated ferrules, 1¾ in. nickel plated cap, leather covered from butt to first ferrule, buck keeper, - - - - - - - - - - - - - - - -

WHIP RACKS.

No. 10.

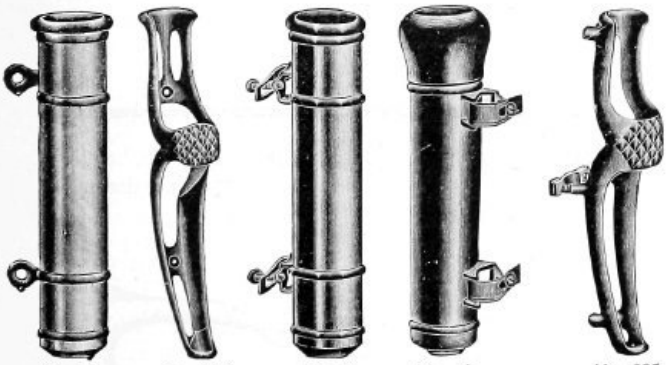
No. 10—Cast iron, japanned, length 15½ in., space for 10 whips, w't per doz. 8 lbs., - - per dozen $3.00

No. 60—Circular, cast iron, japanned, diameter 12½ in., holds 60 whips, w't per doz. 26 lbs., - per dozen 15.00

No. 60.

No. 14—Cast iron, japanned, length 20 in., space for 14 whips, w't per doz. 14 lbs., - - per dozen $6.00

WHIP SOCKETS.



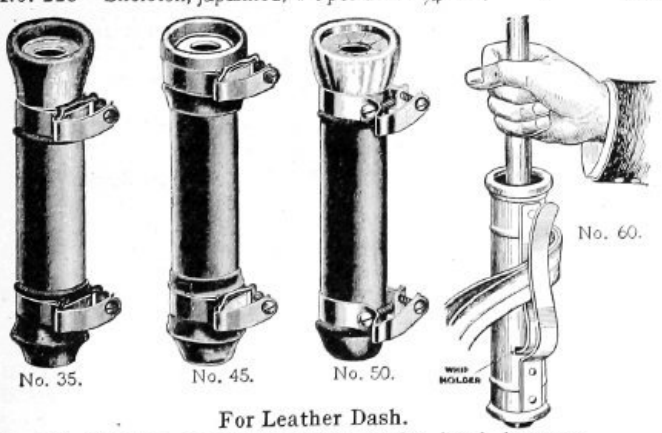
No. 27. No. 226. No. 2. No. 19. No. 225.

For Wood Dash.

No. 27—Tubular, japanned, w't per doz. 4½ lbs., per dozen $1.10
No. 226—Skeleton, japanned, w't per doz. 4¼ lbs., " 1.50

For Leather Dash.

No. 2—Tubular, japanned, with spring, w't per doz. 5 lbs., per dozen, - - - - - - - $1.20
No. 19—Tubular, wood top with rubber, metal bottom, w't per doz. 5 lbs., - - - - per dozen 1.50
No. 225—Skeleton, japanned, w't per doz. 4¼ lbs., " 1.60



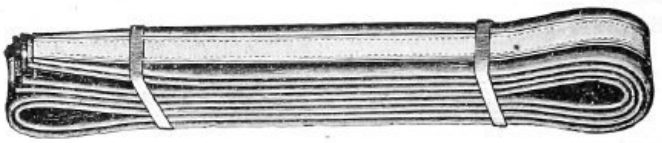
No. 35. No. 45. No. 50. No. 60.

For Leather Dash.

No. 35—Tubular, wood, with rubber, leader band fasteners, w't per doz. 6 lbs., - - - per dozen $1.70
No. 45—Tubular, wood, with rubber, leader band fasteners, w't per doz. 6¼ lbs., - - - per dozen 1.80
No. 50—Tubular, nickel shell top with notched rubber, nickel security band fasteners, w't per doz. 6½ lbs., per dozen 3.60
No. 60—Combination socket and line holder, japanned, w't per doz. 7½ lbs., - - - - per dozen 6.00

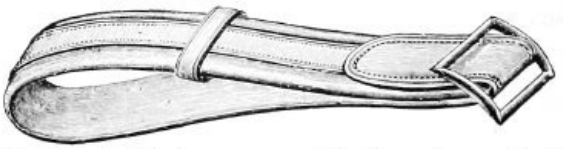
FOLDED HAND PARTS.

No. 305—Russet, one row stitched, 6½ ft. long, per pair $2.50
No. 306—Wine colored, one row stitched, 6½ ft. long, per pair, - - - - - - - - 2.50
No. 310—Russet, one row stitched, 7 ft. long, per pair 3.00
No. 311—Wine colored, one row stitched, 7 ft. long, " 3.00



No. 315—Russet, with layer, two row stitched, 7 ft. long, per pair, - - - - - - - - $4.00
No. 316—Wine colored, with layer, two row stitched, 7 ft. long, - - - - - - - - per pair 4.00
No. 320—Russet, two row wave stitched, 7 ft. long, " 4.00
No. 321.—Wine colored, two row wave stitched, 7 ft. long, per pair, - - - - - - - - - 4.00

FOLDED HAND HOLDERS.



No. 3—Russet, folded, one row stitched, per dozen pairs $15.20
No. 13—Wine colored, folded, one row stitched, per dozen pairs, - - - - - - - - 15.20
No. 1—Russet, folded, with layer, two row stitched, per dozen pairs, - - - - - - - 16.50

BACK BAND HOOKS.

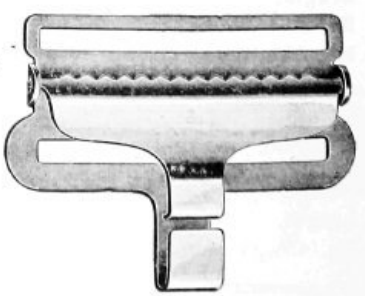
DAISY.

Malleable Iron, Japanned.

No. 13½—3½ in., per dozen pairs - - - $0.56
No. 14 —4 in., per dozen pairs - - - .60

PLOW BOY.

Made From Cold Rolled Steel.



No. 23½—3½ in., XC plate, per dozen pairs, - $1.40
No. 24 —4 in., XC plate, per dozen pairs, - 1.50

Quickly adjusted, cannot slip, will not cut the webbing.

SWEAT PAD HOOKS.

No. 200—Lacquered, per dozen - - - $0.20

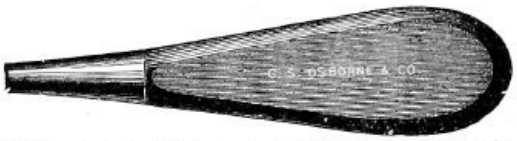
HARNESS MAKERS' TOOLS.

AWL HAFTS.

Tapered Brass Ferrule.

No. H141—Round, black wood, - - - per dozen $0.90
No. H241—Round, rosewood, - - - " 1.20

HALF GROSS IN A BOX.



No. H140½—Flat, imitation ebony, tapered, brass ferrule, per dozen, - - - - - - - $1.00

HALF GROSS IN A BOX.

No. H141½—Oval, black wood, tapered, brass ferrule, per dozen, - - - - - - - $1.00

HALF GROSS IN A BOX.

AWLS.

No. H3—Pad, square shouldered, polished rosewood handle, brass ferrule, polished steel point, length 4 in., - each $0.50

ONE DOZEN IN A BOX.

No. H1—Octagon, ebony handle, tapered brass ferrule, polished steel point, length 5 in., - - - each $0.70

ONE DOZEN IN A BOX.

No. H6—Thong, polished rosewood handle, brass ferrule, polished steel point, length 2¾ in., - - each $0.40

ONE DOZEN IN A BOX.

No. H5—Drawing, square shouldered, polished rosewood riveted handle, brass ferrule, polished steel point, length 5¼ in., - - - - - - - - each $0.60

ONE DOZEN IN A BOX.

No. H8—Collar, square shouldered, polished rosewood riveted handle, brass ferrule, polished steel point, length 6 in., - - - - - - - - each $0.60

ONE DOZEN IN A BOX.

CLAW TOOLS.

No. H122—Best polished steel, rosewood handle, brass ferrule, - - - - - - - - each $0.50

ONE DOZEN IN A BOX.

No. H124—Octagon, polished steel, rosewood, riveted handle, brass ferrule, - - - - - - - each $0.70

ONE DOZEN IN A BOX.

No. H124½—French polished steel, rosewood, riveted handle, brass ferrule, - - - - - each $0.70

ONE DOZEN IN A BOX.

CREASERS.

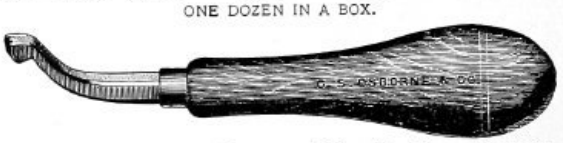
No. H20—Lignumvitae, - - - - - each $0.40

ONE DOZEN IN A BOX.

Single Edge, Octagon, Rosewood Handle, Brass Ferrule.

Sizes, - -	1	2	3	4	5
No. H22—Each,	$1.00	1.00	1.00	1.00	1.00

ONE DOZEN IN A BOX.



Double Edge, Octagon, Rosewood Handle, Brass Ferrule.

Sizes, - -	1	2	3	4	5
No. H22½—Each,	$1.00	1.00	1.00	1.00	1.00

ONE DOZEN IN A BOX.

TICKLERS.

Single, Rosewood Handle, Brass Ferrule.

Sizes, - -	1	2	3	4	5
No. H12—Each,	$0.40	0.40	0.40	0.40	0.40

ONE DOZEN IN A BOX.

OVERSTITCH WHEELS.

Stationery, Octagon Carriage, Rosewood Handle, Brass Ferrule,

Stitches, per inch, -	5	6	7	8	10
No. 40—Each, - -	$1.40	1.40	1.40	1.40	1.40

ONE DOZEN IN A BOX.

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HARNESS MAKERS' TOOLS.

EDGE TOOLS.

Common, Polished Steel, Rosewood Handle, Brass Ferrule.

Nos.	H125	H126	H127	H128
Sizes,	1	2	3	4
Each,	$0.30	.30	.30	.30

ONE DOZEN IN A BOX.

CHANNELERS.

No. H31—Straight, polished steel, rosewood handle, brass ferrule, - - - - - - - - each $1.60

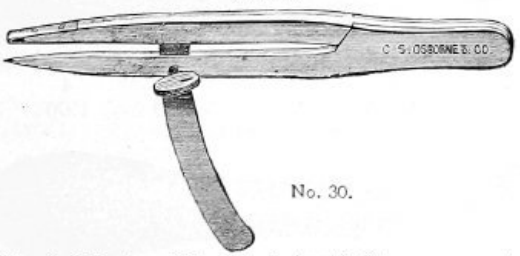
ONE-QUARTER DOZEN IN A BOX.

No. H208—Edge, polished brass, polished steel shank, rosewood handle, brass ferrule, - - - each $2.50

ONE-QUARTER DOZEN IN A BOX.

COMPASSES.

No. 26.



No. 30.

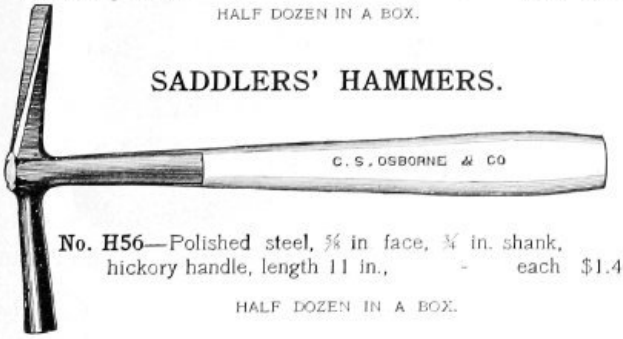
No. H26—Saddlers', polished steel, length 6 in., - each $1.00
No. H30—Patent leather, polished steel, length 5¼ in., " 1.40

HALF DOZEN IN A BOX.

No. H30½—Patent leather, nickel plated, four points with each, length 6 in., - - - - - each $2.80

HALF DOZEN IN A BOX.

SADDLERS' HAMMERS.



No. H56—Polished steel, ⅝ in face, ¾ in. shank, hickory handle, length 11 in., - each $1.40

HALF DOZEN IN A BOX.

PAD SCREW PLIERS.

No. H102—Steel, black handles, - - - each $1.60

HALF DOZEN IN A BOX.

PINCER PLIERS.

No. H99—Polished steel, length 6 in., each $1.20

HALF DOZEN IN A BOX.

SADDLERS' PINCERS.

No. H104—First quality, polished steel, - - each $2.10

HALF DOZEN IN A BOX.

SPRING PUNCHES.

All Steel, Extra Quality.

Nos.	H151	H152	H153	H154	H155	H156	H157
Size tube,	1	2	3	4	5	6	7
Each,	$1.30	1.30	1.30	1.30	1.30	1.30	1.30

HALF DOZEN IN A BOX.

REVOLVING PUNCHES.

All Steel, Extra Quality, Side Spring, Screw Tubes.

No. H164—4 tubes, - - - - - - - each $2.10
No. H166—6 tubes, - - - - - - - " 2.50

HALF DOZEN IN A BOX.

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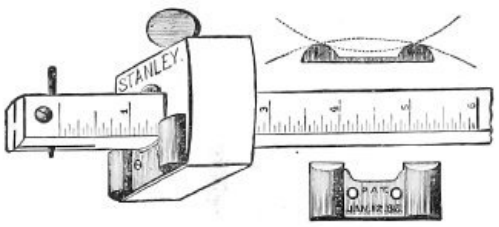
GAUGES.

STANLEY'S IMPROVED MARKING.



Brass Face, Adjustable, for Straight or Curved Work.

No. 162—Beechwood, polished, boxwood thumb screw, oval bar, marked, adjustable steel point, - per dozen $3.00

No. 165—Boxwood, polished, plated head, brass thumb screw and shoe, oval bar, marked, adjustable steel point, per dozen, - - - - - - - - - 7.00

The brass face, with two ribs attached to one side of the gauge head will enable the owner to run a gauge line with perfect steadiness and accuracy around curves of any degree, and either concave or convex. The gauge-head is reversible, and the flat side can be used for all ordinary work.

HALF DOZEN IN A BOX. WEIGHT 4 LBS. PER DOZEN.

No. 90.

No. 97.

No. 90—STANLEY'S, nickel plated and polished, reversible steel bar marked, w't per doz. 3 lbs., - per dozen $4.20

No. 97—STANLEY'S, nickel plated and polished, reversible bar, marked, w't per doz. 4½ lbs., - per dozen 6.60

To one end of the bar is attached a steel point for use as an ordinary Marking Gauge. On the other end is a steel roller which can be used in many instances to better advantage than the point—such as marking across the grain of knotty places. Both the point and the roller are set very near the end of the bar to admit of being used close into a rabbet or corner. The head of the gauge can be turned over for a broad or narrow bearing, as desired.

ONE IN A BOX.

MARKING AND MORTISE.

No. 91—STANLEY'S, improved, nickel plated and polished, w't per doz. 6 lbs., - - - - - per dozen $7.80

This gauge is made of metal, and has two graduated bars. The steel points are attached very near the ends of bars, to admit of being used close up into a rabbet, or corner.

No. 286—BARRETT'S, improved roller, all metal, nickel plated and polished, with 1 steel set screw, 2 extra fine steel bars, 1 marked, beveled steel rollers, w't per doz. 9 lbs., - - - - - - - - per dozen $20.00

In place of a spur, the bars are provided with a steel roller, beveled to a fine edge, hardened and revolving on the shank of hardened steel screws, enabling them to run over cross-grain knots and roughness with perfect ease and accuracy.

ONE IN A BOX.

BUTT GAUGES.

No. 95—STANLEY'S, metallic, improved, nickel plated, w't per doz. 6 lbs., - - - - - per dozen $9.00

When the cutter at the outer end of the bar is set for gauging on the edge of the door, the cutter at the inner end of the bar is already set for gauging from the back of the jamb. The outer bar has a steel cutter to accurately gauge for the thickness of the butt.

ONE IN A BOX.

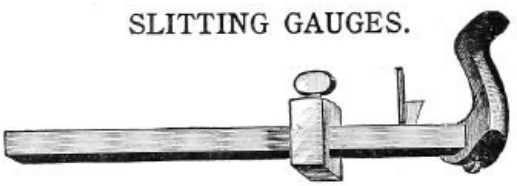
PANEL GAUGES.

No. 85—Beechwood, 22 in. oval bar, boxwood thumb screw, steel point, w't per doz. 6 lbs., - - - per dozen $ 3.20

No. 85½—Rosewood, 20 in. plated head and bar, brass thumb screw and shoe, steel point, w't per doz. 11 lbs., per dozen 18.00

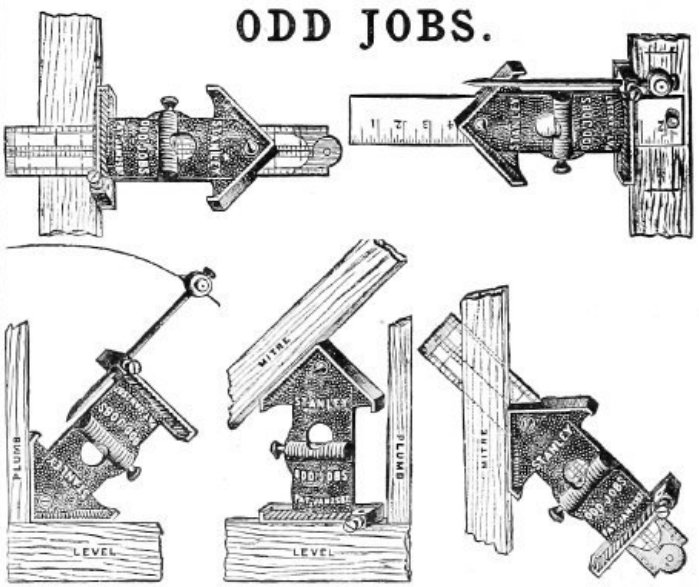
ONE DOZEN IN A BOX.

SLITTING GAUGES.



No. 84—Beechwood, 22 in. bar, iron thumb screw, w't per doz. 22 lbs., - - - - - per dozen $10.00

ODD JOBS.



Stanley's, nickel plated, with 1 ft. rule, w't per doz. 7½ lbs., per dozen, - - - - - - - - $9.00

Combining marking, mortise and depth gauge, try, T and mitre square, inside square, scratch awl, beam compass, spirit level and plumb.

ONE IN A BOX.

PLUMBS AND LEVELS.

LEVELS.

No. 150—Nickel plated top plate, 2 side views, cherry stained, length 12 in., - - - - - - per dozen $3.60

ONE DOZEN IN A BOX. WEIGHT 6½ LBS. PER DOZEN.

No. 102—Brass arch top plate, 2 side views, polished, assorted, 10 to 16 in., w't per doz. 20 lbs., - per dozen $ 8.15

No. 103—Brass arch top plate, 2 side views, polished, assorted, 18 to 24 in., w't per doz. 32 lbs , - per dozen 10.25

HALF DOZEN IN A CASE.

PLUMBS AND LEVELS.

No. 155—Nickel plated top plate, cherry, length 12 in., per dozen - - - - - - - - - $4.50

ONE DOZEN IN A BOX. WEIGHT 6 LBS. PER DOZEN.

No. 00—Brass arch top plate, 2 side views, polished, assorted, 18 to 24 in., w't per doz. 34 lbs., - per dozen $14.00

No. 0—Brass arch top plate, 2 side views, polished, assorted, 24 to 30 in., w't per doz. 44 lbs., - per dozen 15.85

HALF DOZEN IN A CASE.

No. 2—Adjustable, brass arch top plate, 2 brass lipped side views, polished, assorted, 26 to 30 in., - per dozen $23.30

No. 3—Adjustable, brass arch top plate, 2 side views, polished and brass tipped, assorted, 26 to 30 in., per dozen 26.00

HALF DOZEN IN A CASE. AVERAGE WEIGHT 50 LBS. PER DOZEN.

No. 4—Adjustable, brass arch top plate, 2 brass lipped side views, polished and brass tipped, assorted, 26 to 30 in., per dozen, - - - - - - - - - $29.00

No. 5—Adjustable, triple stock, brass arch top plate, 2 ornamental brass lipped side views, polished and brass tipped, assorted, 26 to 30 in., - - - - per dozen 44.30

No. 10—Adjustable, mahogany, triple stock, brass arch top plate, 2 ornamental brass lipped side views, polished and brass tipped, assorted, 26 to 30 in., - per dozen 51.80

HALF DOZEN IN A CASE. AVERAGE WEIGHT 50 LBS. PER DOZEN.

STANLEY'S PLUMBS AND LEVELS.

No. 00S—Brass arch top plate, 2 side views, polished, assorted, 18 to 24 in., w't per doz. 33 lbs., - per dozen $7.30

No. 0S—Brass arch top plate, 2 side views, polished, assorted, 26 to 30 in., w't per doz. 42 lbs., - per dozen 8.25

HALF DOZEN IN A CASE.

No. 3S.

No. 2S—Adjustable, brass arch top plate, 2 brass lipped side views, polished, assorted, 26 to 30 in., - per dozen $12.25

No. 3S—Adjustable, brass arch top plate, 2 brass lipped side views, polished and brass tipped, assorted, 26 to 30 in., per dozen, - - - - - - - - - 13.75

HALF DOZEN IN A CASE. AVERAGE WEIGHT 44 LBS. PER DOZEN.

No. 18—Square, brass top plate, polished side views, selected cherry, brass tipped, proved glasses, 26, 28 or 30 in., - - - - - - - per dozen $21.00

ONE IN A BOX. AVERAGE WEIGHT 44 LBS. PER DOZEN.

No. 90—Square, brass top plate, 2 brass lipped side views, mahogany, brass tipped, ground glasses, 26, 28 or 30 in., per dozen, - - - - - - - - - $39.00

ONE IN A BOX. AVERAGE WEIGHT 38 LBS. PER DOZEN.

No. 95—Square, brass top plate, 2 brass lipped side views, mahogany, brass bound, ground glasses, 26, 28 or 30 in., w't per doz. 48 lbs., - - - - per dozen $72.00

No. 96—Square, brass top plate, 2 brass lipped side views, rosewood, brass bound, ground glasses, 26, 28 or 30 in., w't per doz. 64 lbs., - - - - per dozen 80.00

The ground level glass is accurately fitted in a brass case and the only plaster used is that necessary to plug the ends of this case. This brass case is fastened by a screw at each end, directly to the stock of the level, and is entirely independent of the top plate. When a change of adjustment is necessary, the same can be readily changed by means of the screw mentioned above. When new glasses are required they are generally set in the brass case at the factory, and it is a very simple matter for the owner to replace the brass case in the stock of the level.

ONE IN A BOX.

PLUMBS AND LEVELS.

STANLEY'S CARPENTERS' DUPLEX.

Adjustable, Brass Arch Top Plate, Two Brass Circular Side Plates, Brass Tips.

No. 30—Polished cherry stock, assorted, 26 to 30 in., per dozen, - - - - - - - - - - $18.00
No. 25—Polished mahogany stock, assorted, 26 to 30 in., per dozen, - - - - - - - - - 24.00
No. 50—Polished triple cherry stock, assorted, 26 to 30 in., per dozen, - - - - - - - - - 24.00

HALF DOZEN IN A CASE. AVERAGE WEIGHT 50 LBS. PER DOZEN.

COOKS' CARPENTERS'.

Adjustable, Two Double Glass Covered Views and Nickel Plated Side Plates, Nickel Plated Tips.

No. 01—Mahogany stock, 28 and 30 in., - per dozen $42.00
No. 02—Quadruple mahogany stock, 26 to 30 in., " 48.00
No. 04—Cherry stock, 26 to 30 in., - - " 36.00
No. 05—Quadruple cherry stock, 28 and 30 in., " 42.00

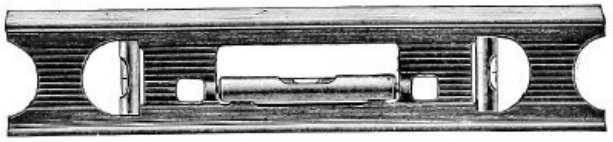
HALF DOZEN IN A CASE. AVERAGE WEIGHT 55 LBS. PER DOZEN.

STANLEY'S CARPENTERS' AND MACHINISTS'.

Brass Bound, Rosewood, Two Brass Lipped Side Views, Ground Glasses.

No. 98—Inches, -	**6**	**9**	**12**	**18**
W't per doz., - -	12	15	18	24 lbs.
Per dozen, - -	$26.00	32.00	38.00	50.00

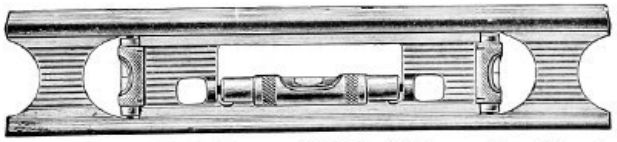
ONE IN A BOX.



Japanned Iron, Ground Edges, Nickel Plated Trimmings, Two Plumbs, Proved Glasses.

No. 36—Inches,	**6**	**9**	**12**	**18**	**24**
W't per doz., -	12	15	24	39	51 lbs.
Per dozen, -	$12.00	15.00	18.00	21.00	24.00

ONE IN A BOX.



Nickel Plated, Iron Frame, Polished Edges, Two Plumbs, Revolving Glass Protectors, Proved Glasses.

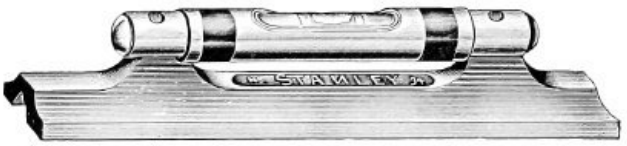
No. 37—Inches,	**6**	**9**	**12**	**18**	**24**
W't per doz., -	11	15	25	36	48 lbs.
Per dozen, -	$24.00	30.00	36.00	42.00	48.00

ONE IN A BOX.

STANLEY'S MACHINISTS'.

No. 38½—4 in., nickel plated, proved level glass, 2 side views, w't per doz. 3½ lbs., - - - - per dozen $4.50
No. 39½—6 in., nickel plated, proved level glass, 2 side views, w't per doz. 7 lbs., - - - - per dozen 5.50

HALF DOZEN IN A BOX.

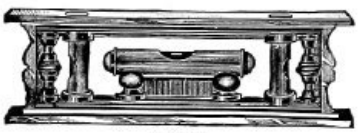


Nickel Plated, Iron Base, Polished Edges, V Bottom, Revolving Glass Protector, Ground Glass.

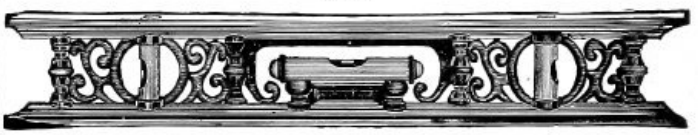
No. 34V—Inches, -	**4**	**6**	**8**	**10**
W't per doz., - -	6	9	12	18 lbs.
Per dozen, - -	$12.00	15.00	21.00	27.00

ONE IN A BOX.

DAVIS' CARPENTERS' AND MACHINISTS'.



No. 6.

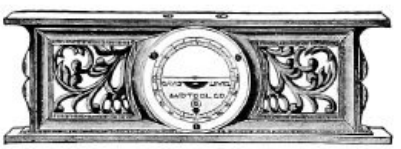


No. 7.

Japanned, Nickel Plated Trimmings, with Steel Bars Extending through Each Column.

Nos. - - -	**6**	**7**	**8**	**9**
Length, - - -	6	12	18	24 in.
W't per doz., - -	12	24	39	51 lbs.
Per dozen, - -	$24.00	27.00	30.00	36.00

ONE IN A BOX.



No. 1.

No. 2.

Japanned, Adjustable to Any Angle, with Steel Bars Extending through Each Column.

Nos. - - -	**1**	**2**	**3**	**4**
Length, - -	7	12	18	24 in.
W't per doz., - -	15	24	48	60 lbs.
Per dozen, - -	$24.00	30.00	36.00	42.00

ONE IN A BOX.

MASONS' PLUMBS AND LEVELS.

No. 7½—STANLEY'S, brass arch top plate, 2 plumbs, 2 side views, polished, 36 in., weight per dozen 50 lbs., - - per dozen $15.75
No. 8 —STANLEY'S, brass arch top plate, 2 plumbs, 2 side views, polished, 42 in., weight per dozen 58 lbs., - - " 18.00

HALF DOZEN IN A CASE.

No. 35—STANLEY'S, adjustable, brass arch top plate, 2 side views, adapted for plumb bob and line, polished, 42 in., weight per dozen 56 lbs., - per dozen $19.75

HALF DOZEN IN A CASE.

With Plumb Rule.

No. 45—STANLEY'S, adjustable, square top plate, 2 brass lipped side views, 2 plumbs, with proved glasses, adapted also for plumb bob and line, 48 in., weight per dozen 60 lbs., - per dozen $36.00

The two plumb glasses are set in separate holes, but each on the right hand side. This will enable the workman to plumb work below where he stands, or above him, without turning the level stock end for end. There are also two plumb bob holes, so that the plumb bob can be used from either end of the level. These improvements will be found a great convenience by the workingman.

HALF DOZEN IN A BOX.

POCKET LEVELS.

No. 40—STANLEY'S, iron top plate, japanned, length 3¼ in., per dozen, - - - - - - - - - $1.25
No. 41—STANLEY'S, brass top plate, japanned, length 3¼ in., per dozen, - - - - - - - - 1.50

ONE DOZEN IN A BOX. WEIGHT 2 LBS. PER DOZEN.

No. 14.

No. 17.

No. 14—DAVIS', iron, japanned, length 3¼ in., - per dozen $2.50
No. 17—DAVIS', iron, japanned, for square or straight edge, length 3¼ in., - - - - - - per dozen 3.00

HALF DOZEN IN A BOX. WEIGHT 2 LBS. PER DOZEN.

Stanley's, Nickel Plated, Hexagon, Proved Glass.

No. 31—Inches, - -	2½	3	3½
Per dozen, - - - -	$3.50	4.25	5.00

HALF DOZEN IN A BOX. AVERAGE WEIGHT 1 LB. PER DOZEN.

No. 200—Mahogany, brass top plate, 2 side views, 6×1×5/8 in., w't per doz. 2 lbs., - - per dozen $3.00

ONE DOZEN IN A BOX.

LEVEL GLASSES.

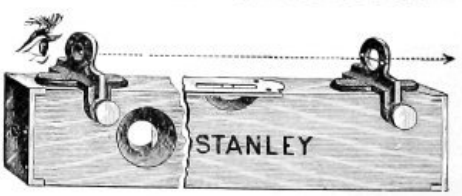
Stanley's Proved.

Length, -	1¼	1½	1¾	2	2½ in.
Per gross, -	$9.50	9.50	9.50	10.00	10.50

Length, - -	3	3½	4	Assorted 1¼, 3 & 3½ in.
Per gross, -	$11.50	13.00	14.50	12.00

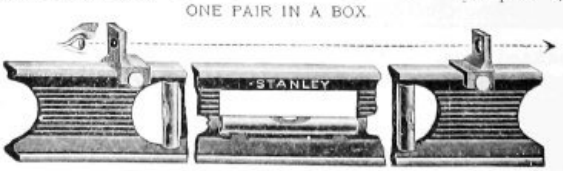
ONE DOZEN IN A BOX.

LEVEL SIGHTS.



No. 1—STANLEY'S, improved, polished and blued, for wood levels, w't 4 oz., - - - - - per pair $0.75

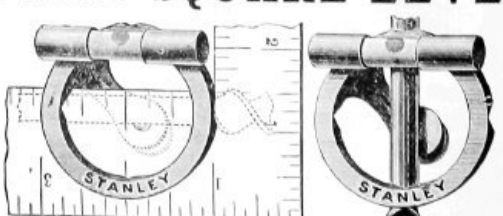
ONE PAIR IN A BOX.



No. 2—STANLEY'S, for iron levels, w't 3½ oz., - per pair $0.75

ONE PAIR IN A BOX.

BIT AND SQUARE LEVELS.



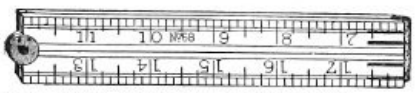
No. 44—STANLEY'S, brass frame, w't 3 oz., - - each $0.30

ONE IN A BOX.

BOXWOOD RULES.

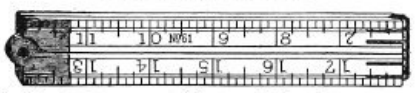
No. 69—1 ft., round joint, middle plates, marked in 8ths and 16ths in., $\frac{5}{8}$ in. wide, w't per doz. $\frac{1}{2}$ lb.....per dozen $1.75
ONE DOZEN IN A BOX.

No. 65—1 ft., square joint, middle plates, marked in 8ths and 16ths in., $\frac{5}{8}$ in. wide, w't per doz. $\frac{1}{2}$ lb.....per dozen $2.00
HALF DOZEN IN A BOX.

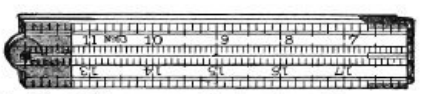


No. 68—2 ft., round joint, middle plates, marked in 8ths and 16ths in., 1 in. wide, w't per doz. $1\frac{1}{4}$ lbs.....per dozen $2.50
No. 68C—With centimeters, otherwise same as No. 68.....per dozen 3.00
ONE DOZEN IN A BOX.

No. 62½—2 ft., square joint, full bound, marked in 8ths, 10ths, 12ths and 16ths in., $\frac{3}{4}$ in. wide, w't per doz. 2 lbs., per dozen..... $8.00
HALF DOZEN IN A BOX.

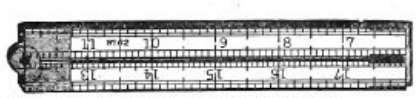


No. 61—2 ft., square joint, middle plates, marked in 8ths and 16ths in., 1 in. wide, w't per doz. $1\frac{1}{2}$ lbs.....per dozen $3.00
HALF DOZEN IN A BOX.

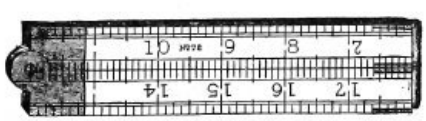


No. 63—2 ft., square joint, edge plates, marked in 8ths, 10ths, 12ths and 16ths in., drafting scales, 1 in. wide, w't per doz. $1\frac{1}{2}$ lbs.....per dozen $4.00
HALF DOZEN IN A BOX.

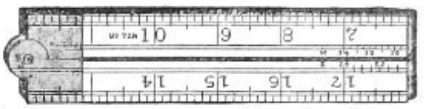
No. 84—2 ft., square joint, half bound, marked in 8ths, 10ths, 12ths and 16ths in., drafting scales, 1 in. wide, w't per doz. 2 lbs.....per dozen $6.50
HALF DOZEN IN A BOX.



No. 62—2 ft., square joint, full bound, marked in 8ths, 10ths, 12ths and 16ths in., drafting scales, 1 in. wide, w't per doz. $2\frac{1}{4}$ lbs.....per dozen $8.00
HALF DOZEN IN A BOX.



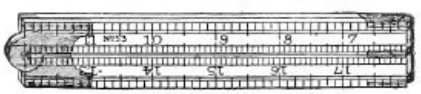
No. 72—2 ft., square joint, edge plates, marked in 8ths, 10ths and 16ths in., drafting scales, $1\frac{3}{8}$ in. wide, w't per doz. 2 lbs.....per dozen $5.00
HALF DOZEN IN A BOX.



No. 72½—2 ft., square joint, bound, marked in 8ths, 10ths and 16ths in., drafting scales, $1\frac{3}{8}$ in. wide, w't per doz. 3 lbs.....per dozen $9.00
HALF DOZEN IN A BOX.

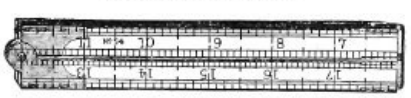
No. 07—2 ft., blindmen's, square joint, edge plates, marked in 8ths and 16ths in., $1\frac{3}{8}$ in. wide, w't per doz. 2 lbs., per dozen $11.00
This rule was made to meet the large demand for a rule which could be easily seen in a dim light by workmen with poor eyes. It is in fact a rule which will be appreciated by any mechanic.

No. 51—2 ft., arch joint, middle plates, marked in 8ths, 10ths, 12ths and 16ths in., drafting scales, 1 in. wide, w't per doz. $1\frac{1}{2}$ lbs.....per dozen $3.50
HALF DOZEN IN A BOX.

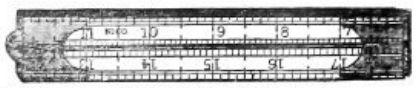


No. 53—2 ft., arch joint, edge plates, marked in 8ths, 10ths, 12ths and 16ths in., drafting scales, 1 in. wide, w't per doz. $1\frac{1}{2}$ lbs.....per dozen $4.50
HALF DOZEN IN A BOX.

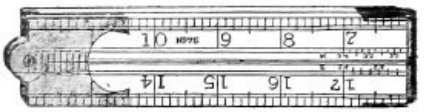
No. 52—2 ft., arch joint, half bound, marked in 8ths, 10ths, 12ths and 16ths in., drafting scales, 1 in. wide, w't per doz. 2 lbs.....per dozen $7.25
HALF DOZEN IN A BOX.



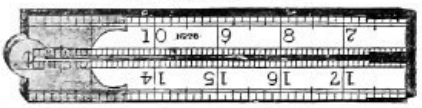
No. 54—2 ft., arch joint, bound, marked in 8ths, 10ths, 12ths and 16ths in., drafting scales, 1 in. wide, w't per doz. $2\frac{1}{4}$ lbs.....per dozen $8.75
HALF DOZEN IN A BOX.



No. 60—2 ft., double arch joint, bound, marked in 8ths, 10ths, 12ths and 16ths in., drafting scales, 1 in. wide, w't per doz. $2\frac{1}{2}$ lbs.....per dozen $10.75
HALF DOZEN IN A BOX.



No. 75—2 ft., arch joint, edge plates, marked in 8ths, 10ths and 16ths in., drafting scales, $1\frac{3}{8}$ in. wide, w't per doz. $2\frac{1}{4}$ lbs.....per dozen $6.00
HALF DOZEN IN A BOX.

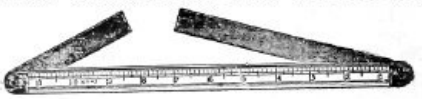


No. 76—2 ft., arch joint, bound, marked in 8ths, 10ths and 16ths in., drafting scales, $1\frac{3}{8}$ in. wide, w't per doz. 3 lbs., per dozen..... $10.00
HALF DOZEN IN A BOX.

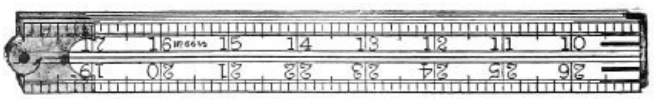
No. 78½—2 ft., double arch joint, bound, marked in 8ths, 10ths and 16ths in., drafting scales, $1\frac{3}{8}$ in. wide, w't per doz. 3 lbs.....per dozen $12.00
HALF DOZEN IN A BOX.

No. 53½—2 ft., arch joint, edge plates, marked in 8ths, 10ths, 12ths and 16ths in., with inside beveled edges and architect's drafting scales, 1 in. wide, w't per doz. $1\frac{1}{2}$ lbs.....per dozen $8.00
HALF DOZEN IN A BOX.

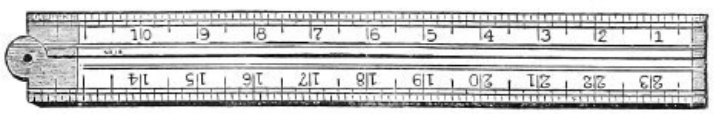
SHIP CARPENTERS' BEVELS.



No. 42—1 ft., boxwood, 2 brass tongues, brass tipped, marked in 8ths and 16ths in., width $\frac{5}{8}$ in., w't per doz., $1\frac{1}{2}$ lbs., per dozen..... $4.00
ONE DOZEN IN A BOX.



No. 66½—3 ft., arch joint, middle plate, marked in 8ths and 16ths in., 1 in. wide, w't per doz. 2 lbs.....per dozen $ 6.00
No. 66¾—Full brass bound, w't per doz. $3\frac{1}{2}$ lbs., otherwise same as No. 66½, " 15.00
HALF DOZEN IN A BOX.

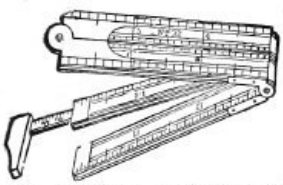


Two Fold.
No. 18—2 ft., square joint, marked in 8ths and 16ths in., $1\frac{1}{2}$ in. wide, w't per doz. 2 lbs., per dozen..... $4.00
HALF DOZEN IN A BOX.

RULES.

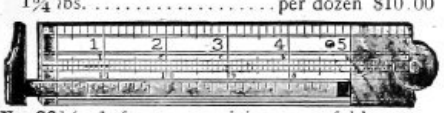
BOXWOOD CALIPER.

No. 36—6 in., square joint, two fold, marked in 8ths, 10ths, 12ths and 16ths in., 7/8 in. wide, w't per doz. 3/4 lb., per dozen $4.50



No. 32—1 ft., arch joint., edge plates, four fold, marked in 8ths, 10th, 12ths and 16ths in., 1 in. wide, w't per doz. 1 1/4 lb., ... per dozen $7.00

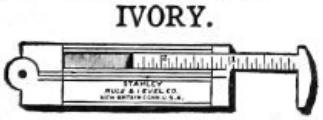
No. 32 1/2—1 ft., arch joint, full bound, four fold, marked in 8ths, 10ths, 12ths and 16ths in., 1 in. wide, w't per doz. 1 3/4 lbs. ..... per dozen $10.00



No. 36 1/2—1 ft., square joint, two fold, marked in 8ths, 10ths, 12ths and 16ths in., 1 3/8 in. wide, w't per doz. 1 3/4 lbs. per dozen. $6.50

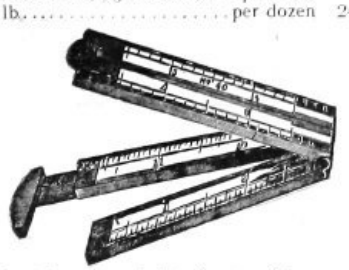
HALF DOZEN IN A BOX.

IVORY.

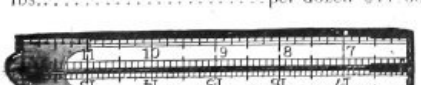


No. 38—6 in., square joint, German silver bound, two fold, marked in 8ths, 10ths, 12ths and 16ths in., 7/8 in. wide, w't per doz. 3/4 lb..... per dozen $15.00

No. 40 1/2—6 in., square joint, German silver, bound, two fold, marked in 8ths and 16ths in., 5/8 in. wide, w't per doz., 3/4 lb..... per dozen 24.00



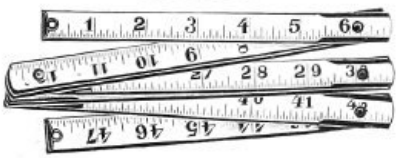
No. 40—1 ft., square joint, German silver bound, four fold, marked in 8ths and 16ths in., 5/8 in. wide, w't per doz. 1 1/4 lbs..... per dozen $44.00

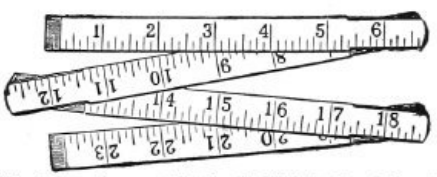


No. 87—2 ft., arch joint, German silver bound, marked in 8ths, 10ths, 12ths and 16ths in., drafting scales, 1 in. wide, w't per doz., 3 lbs..... per dozen $80.00

HALF DOZEN IN A BOX.

ZIGZAG.





Stanley's, Boxwood Stained, Nickel Plated Steel Joints and Tips.

Nos.	02	03	04
Length	2	3	4 ft.
W't per doz.	1	1 1/2	2 lbs.
Per dozen	$2.00	3.00	4.00
Nos.	**05**	**06**	**08**
Length	5	6	8 ft.
W't per doz.	2 1/2	3	4 lbs.
Per dozen	$5.00	6.00	8.00

Stanley's, White Enameled, Brass Joints and Tips.

Nos.	103	104	105
Length	3	4	5 ft.
W't per doz.	1 5/8	2	2 5/8 lbs.
Per dozen	$3.75	5.00	6.25
Nos.		**106**	**108**
Length		6	8 ft.
W't per doz.		3 1/4	4 1/4 lbs.
Per dozen		$7.50	10.00

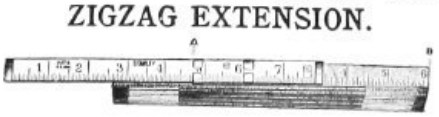
These rules are made of flexible hardwood, each joint containing a stiff spring, which holds the rule rigid when open.

EXTENSION.

No. 604—STANLEY'S, 2 to 4 ft., hickory, brass extension slides and tips, brass set screw, 7/8 in. wide, w't per doz. 9 lbs., per dozen ..... $ 8.00

No. 610—5 to 10 ft. w't per doz. 15 lbs., otherwise same as No. 604... per dozen 12.00

ZIGZAG EXTENSION.



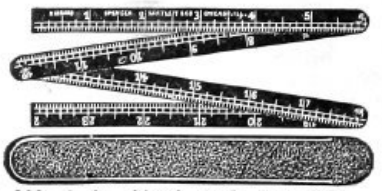
No. 204—STANLEY'S, 4 ft., boxwood stained, brass joints, slides and tips, marked in 8ths and 16ths in., 5/8 in. wide, w't per doz. 2 1/2 lbs..... per dozen $7.00

No. 206—STANLEY'S, 6 ft., boxwood stained, brass joints, slides and tips, marked in 8ths and 16ths in., 5/8 in. wide, w't per doz. 3 5/8 lbs..... per dozen 9.00

These rules have all the advantages of the regular Zigzag rules, and in addition have at one end an extension slide, by the use of which exact inside measurements may be readily obtained. When using the slide, take the inches at point "B" and add to these the exact measurement shown on the slide at point "A," which will give the distance measured.

HALF DOZEN IN A BOX.

FOLDING POCKET.



No. 202—2 ft., blued steel, four fold, marked on both sides in 8ths and 16ths in., 3/4 in. wide, leather case, w't per doz. 1 lb..... per dozen $7.00

ONE DOZEN IN A BOX.

STEEL MACHINISTS.'

Flexible 10th Graduation, 32nds and 64ths, on One Side Only.

No. 10—Inches,	3	4	6
W't per doz.	2	3	4 oz.
Per dozen	$4.20	5.40	7.80
No. 10—Inches		**9**	**12**
W't per doz.		6	8 oz.
Per dozen		$12.00	15.00

HALF DOZEN IN A BOX.

Tempered, End Graduations, 4th Graduations, One Side 8ths and 16ths, Other Side 32nds and 64ths.

No. 4—Inches	1	2	3	4
W't per doz.	2	4	5	8 oz.
Per dozen	$1.80	3.00	4.20	5.40
No. 4—Inches		**6**	**9**	**12**
W't per doz.		14	24	36 oz.
Per dozen		$7.80	12.00	15.00

HALF DOZEN IN A BOX.

BLACKSMITHS' BRASS.

No. 17—2 ft., STANLEY'S, polished spring brass, two fold, marked in 8ths and 16ths in., 5/8 in. wide, w't per doz. 2 1/2 lbs..... per dozen $5.00

HALF DOZEN IN A BOX.

PATTERN MAKERS' SHRINKAGE.

Stanley's, Boxwood, Brass Tips, 24x1 1/2 Inch.

No. 30 1/2—Shrinkage, per ft.	1/8	1/16	1/2 in.
W't per doz.	2 1/4		2 1/4 lbs.
Per dozen	$18.00		18.00
No. 30 1/2—Shrinkage, per ft.	**7/16**		**3/32 in.**
W't per doz.	2 1/4		2 1/4 lbs.
Per dozen	$18.00		18.00
No. 30 1/2—Shrinkage per ft.	**1/8**	**3/16**	**1/4 in.**
W't per doz.	2 1/4	2 1/4	2 1/4 lbs.
Per dozen	$18.00	18.00	18.00

HALF DOZEN IN A BOX.

YARD STICKS, RULES AND POCKET TAPES.

YARD STICKS.

No. 41—Maple, polished, brass tipped, marked in 8ths in., width 1 in., w't per doz. 3½ lbs.....per dozen $3.50

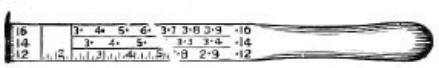
No. 50—Hickory, polished, brass tipped, marked in 8ths in., width ¾ in., w't per doz. 2 lbs.....per dozen 4.50

ONE DOZEN IN A PACKAGE.

BOARD RULES.

No. 43½—Board stick, flat, hickory, cast brass head and tip, 6 lines (12 to 22 ft.), length 3 ft., w't per doz. 3¾ lbs.....per dozen $12.00

HALF DOZEN IN A PACKAGE.



No. 2—Board rule, hickory, steel head, 6 lines (12 to 22 ft.), length 3 ft., w't per doz. 6 lbs.....per dozen $21.00

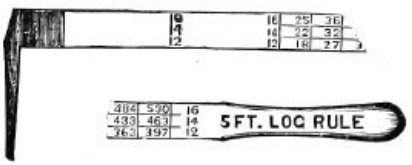
No. 1—Inspectors' rule, hickory, steel head, 6 lines (12 to 22 ft.), length 3½ ft., w't per doz. 7 lbs.....per dozen 27.00

HALF DOZEN IN A PACKAGE.

No. 3—Diamond head, hickory, white shellaced, burnt figures, polished steel head, 3 tiers wide (12, 14, 16, and 8, 10 and 18 ft.), length 3 ft., w't per doz. 6½ lbs.....per dozen $23.00

HALF DOZEN IN A PACKAGE.

LOG RULES.



Hickory, Solid Hook, Figured 48 Inch Scale, for 12 to 24 Foot Logs, 8 Inch Handle.

No. 11—SCRIBNER'S, w't per doz. 11 lbs., per dozen..... $27.00

No. 12—DOYLE'S, w't per doz. 11½ lbs., per dozen..... 27.00

HALF DOZEN IN A PACKAGE.

Lufkin's, Hickory, Square Steel Head, Burnt Figures.

No. 15—Doyle scale, figured 36 in., for 8 to 20 ft. logs, length 42 in., w't per doz. 8½ lbs.....per dozen $23.00

No. 15½—Doyle-Scribner scale, figured 36 in., for 8 to 20 ft. logs, length 42 in., w't per doz. 8½ lbs.....per dozen 23.00

No. 14—Doyle scale, figured 48 in., for 12 to 24 ft. logs, length 56 in., w't per doz. 9¾ lbs.....per dozen 27.00

No. 14½—Doyle-Scribner scale, figured 48 in., for 12 to 24 ft. logs, length 56 in., w't per doz. 9¾ lbs.....per dozen 27.00

HALF DOZEN IN A PACKAGE.

POCKET TAPES.

No. 165—UNIVERSAL, 5 ft., nickel plated case, spring wind, center stop, ¼ in. painted tape, marked in inches and eighths, w't per doz. 1 lb...per dozen $1.50

ONE DOZEN IN A BOX.

POCKET TAPES.

No. 155. Nos. 24 and 25.

No. 155—5 ft., nickel plated case, patent spring, with stop, ¼ in. cotton tape, per dozen..... $4.00

No. 24—3 ft., nickel plated case, patent spring, with stop, ¼ in. linen tape, per dozen..... 6.00

No. 25—5 ft., nickel plated case, patent spring, with stop, ¼ in. linen tape, per dozen..... 6.50

NO. 25, HALF DOZEN; BALANCE, ONE DOZEN IN A BOX. AVERAGE WEIGHT 1 LB. PER DOZEN.

No. 143. No. 125.

No. 143—3 ft., nickel plated brass case, ¼ in. steel tape, marked in 16ths, spring wind, with center stop.....per dozen $ 8.00

No. 125—5 ft., leather case, silver trimmings, ¼ in. steel tape, marked in 16ths, patent spring, with stop.....per dozen 18.00

The cases for No. 125 tapes are made with metal lined leather of the very best quality and in attractive assorted colors. They are spring wind, with center stop, and all trimmings are silver plated. Each tape is put up in a handsome embossed paper box, with jewelers' cotton.

NO. 143, HALF DOZEN; NO. 125, ONE IN A BOX, HALF DOZEN IN A CARTON. AVERAGE WEIGHT 1 LB. PER DOZEN.

No. 280. No. 290.

No. 280—5 ft., nickel plated steel case, patent spring, with stop, 5/16 in. steel tape.....per dozen $16.00

No. 290—5 ft., nickel plated steel case, patent spring, with stop, ¼ in. steel tape, with centimeters and inches, per dozen..... 15.00

NO. 280, ONE DOZEN; NO. 290, ONE IN A BOX. AVERAGE WEIGHT 1½ LBS. PER DOZEN.

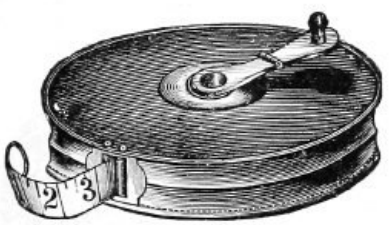
MEASURING TAPES.

"Rev-o-noc," Asses' Skin, Brass Bound, Green Enameled Case, with Folding Handle, 1/2 Inch Pale Blue Cotton Tape.

Nos	30	32	33
Length	25	40	50 ft.
W't per doz	2	2½	3½ lbs.
Per dozen	$3.75	4.50	5.00

Nos	34	35	37
Length	66	75	100 ft.
W't per doz	3¾	4¼	5¼ lbs.
Per dozen	$6.00	7.50	9.00

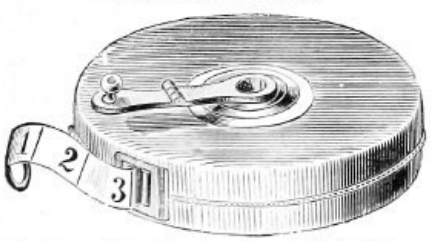
HALF DOZEN IN A BOX.



Patent Leather Case, with Folding Handle, 1/2 Inch Best Cotton Tape.

Nos	43	45	46	48
Length	50	66	75	100 ft.
W't per doz.	4	4½	5	6 lbs.
Per dozen	$6.25	7.25	8.75	10.75

HALF DOZEN IN A BOX.



Oak Tanned Bend Leather Case, 5/8 Inch Heavy Holland Tape.

Nos	120	121	122	123
Length	50	66	75	100 ft.
W't per doz.	5	6½	7	9 lbs.
Per dozen	$16.00	17.00	18.00	20.00

HALF DOZEN IN A BOX.

Lufkin Metallic, Hard Leather Case, Brass Trimmings, Folding Handle, 5/8 Inch Woven Linen Tape with Metallic Warp, Marked in 12ths.

Nos	500L	503L	504L	505L	506L
Length	25	50	66	75	100 ft.
W't doz.	6	9½	12	13	16 lbs.
Per dozen	$21.60	31.20	36.00	39.60	50.40

Lufkin Metallic, Hard Leather Case, Brass Trimmings, Folding Handle, 5/8 Inch Woven Linen Tape with Metallic Warp, Marked in 10ths.

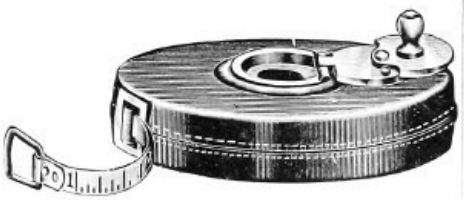
Nos	503DL	506DL
Length	50	100 ft.
W't per doz	9½	16 lbs.
Per dozen	$31.20	50.40

ONE IN A BOX.

Rival, Nickel Plated Steel Case, Flush Handle, 3/8 Inch Steel Tape, Marked in 12ths.

Nos	240	243	245	246
Length	25	50	75	100 ft.
W't per doz	3	9	12	15 lbs.
Per dozen	$33.00	40.80	54.00	69.00

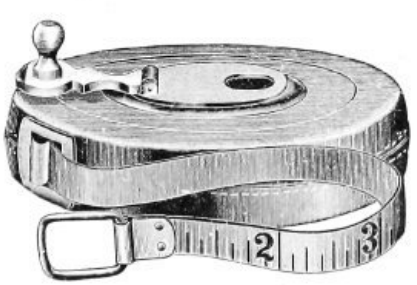
HALF DOZEN IN A BOX.



Lufkin's Reliable Junior, Hard Leather Case, Nickel Plated Trimmings, Double Folding Flush Handle, Opened by Pressing Small Button on Opposite Side, 1/4 Inch Steel Tape, Marked in 12ths.

Nos	100	103
Length	25	50 ft.
W't per doz.	3	5 lbs.
Per dozen	$45.00	55.00

ONE IN A BOX.



Lufkin's Challenge, Hard Leather Case, Nickel Plated Trimmings, Flush Handle, 3/8 Inch Steel Tape, Marked in 10ths or 12ths.

Nos	263	265	266
Length	50	75	100 ft.
Marked in	12ths	12ths	12ths
W't per doz	7½	11	14 lbs.
Per dozen	$48.00	63.00	81.00

Nos	263D	265D	266D
Length	50	75	100 ft.
Marked in	10ths	10ths	10ths
W't per doz	7½	11	14 lbs.
Per dozen	$48.00	63.00	81.00

HALF DOZEN IN A BOX.

Chesterman's Metallic, Natural Color Leather Case, 5/8 Inch Wired Linen Tape, Marked in 10ths or 12ths.

No. 34L—Feet	50	66	75	100
W't per doz	3	6	7½	9 lbs.
Per dozen	$31.20	36.00	39.60	50.40

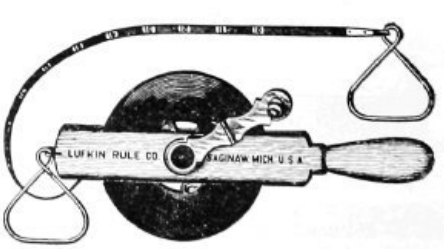
ONE-QUARTER DOZEN IN A BOX.

Chesterman's Steel, Natural Color Leather Case, Flush Handle, 3/8 Inch Steel Tape, Marked in 12ths.

No. 38L—Feet	50	66	75	100
W't per doz	9	12	15	18 lbs.
Per dozen	$86.40	110.40	124.80	153.60

ONE-QUARTER DOZEN IN A BOX.

SURVEYORS'.



Finished Hardwood Reel Holder, Large Metal Folding Handle, Two Large Detachable Rings, Nickel Plated Trimmings, 1/4 Inch Heavy Steel Tape.

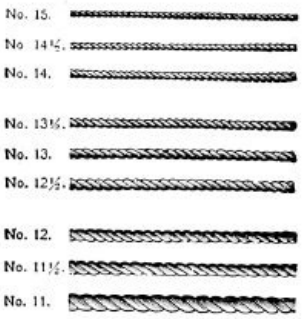
Nos	5100	5150	5200
Length	100	150	200 ft.
W't per doz	30	33	39 lbs.
Per dozen	$72.00	90.00	108.00

Graduated every foot; the end feet in 10ths or 12ths. These tapes will be furnished with end feet graduated to 10ths, unless otherwise specified.

ONE IN A BOX.

CHALK LINES, REELS AND PLUMB BOBS.

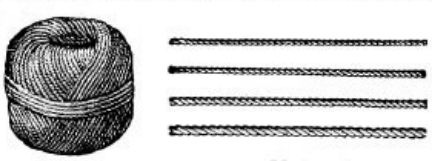
CHALK LINES.



Twisted, White Cotton, in 20 Foot Hanks.

Nos	15	14½	14	13½
Per dozen	$0.26	.30	.33	.37
Nos	**13**	**12½**	**12**	**11½**	**11**
Per dozen	$0.45	.50	.76	.86	1.05

ONE DOZEN IN A BUNDLE. HALF GROSS IN A BOX.



Twisted, White Cotton, in 50 Foot Balls.

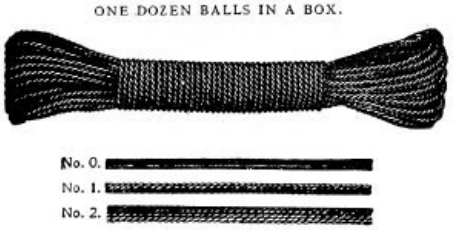
Nos	1	2	3	4
Per dozen	$0.80	.90	1.00	1.20

ONE DOZEN BALLS IN A BOX.

Twisted, White Cotton, in 100 Foot Balls.

Nos	2	3	4
Per dozen	$1.80	2.00	2.40

ONE DOZEN BALLS IN A BOX.

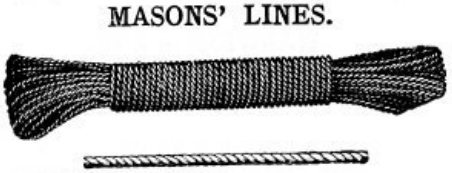


Braided White Cotton, in 20 Foot Hanks.

Nos	0	1	2
Per dozen	$0.85	.90	.95

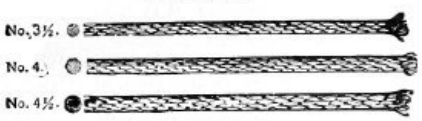
HALF GROSS IN A BOX.

MASONS' LINES.



No. 21—Hard laid, yellow cotton, 100 ft. in hank.....per dozen $3.25

ONE DOZEN HANKS IN A BOX. WEIGHT 1½ LBS. PER DOZEN.



Braided White Cotton, in 48 Foot Hanks.

Nos	3½	4	4½
Per dozen	$1.50	2.00	2.50

ONE DOZEN IN A BOX.

CARPENTERS' CHALK.

No. 5—White, hemispherical....per box $0.45
No. 3—Red, hemispherical..... " .55
No. 4—Blue, hemispherical..... " .60

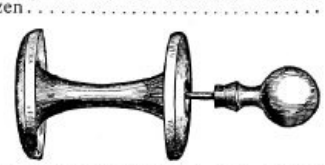
HALF GROSS IN A BOX. WEIGHT 6 LBS. PER BOX.

CHALK LINE REELS.

No. 10—Beechwood, length 3 in., diam. 2 in., w't per doz. 1 lb.....per dozen $0.60

THREE DOZEN IN A BOX.

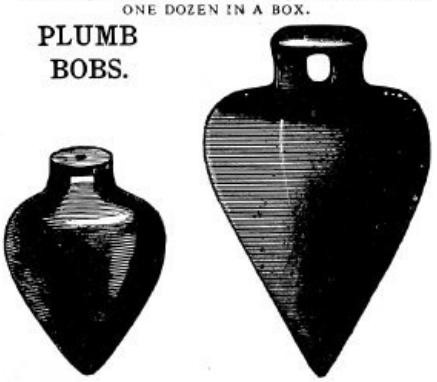
No. 199—Beechwood, length 3¾ in., diam. 3 in., w't per doz. 2¼ lbs., per dozen..... 1.60



No. 12—Beechwood, length 3 in., diam. 2 in., with steel scratch awl, w't per doz. 1¾ lbs.....per dozen $1.50

ONE DOZEN IN A BOX.

PLUMB BOBS.



No. 1. No. 5.

No. 1—2¼ in., iron, japanned, w't 8½ oz.....per dozen $1.25
No. 1½—4½ in., iron, japanned, w't 1½ lbs.....per dozen 3.00
No. 5—4½ in., iron, japanned, w't 2¾ lbs.....per dozen 3.50

NO. 1, ONE DOZEN; NOS. 1½ AND 5, HALF DOZEN IN A BOX.

No. 4. No. 2.

No. 4—2¾ in., lead, steel point, w't 13 oz., per dozen..... $5.00
No. 2—3 in., brass, steel point, w't 6½ oz.....per dozen 6.00
No. 3—3 in., brass, steel point, w't 12 oz., per dozen..... 8.00

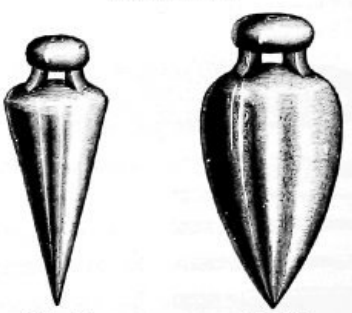
HALF DOZEN IN A BOX.

PLUMB BOBS.

No. 01—3¾ in., bronze metal, with reel and line, steel point, small, w't 8 oz., per dozen $18.00
No. 02—4½ in., bronze metal, with reel and line, steel point, large, w't 12 oz., per dozen 21.00

No. 05—4½ in., iron, with reel and line, with steel point, large, w't 12 oz., per dozen..... $12.00

ONE IN A BOX.



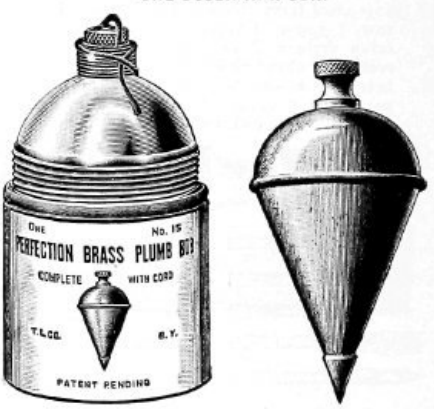
No. 11. No. 12.

Soft Gray Iron, Nickel Plated, Highly Finished.

No. 11—Length 3 in., w't 4½ oz., per dozen..... $18.00
No. 12—Length 3½ in., w't 13½ oz., per dozen..... 24.00

Sharp points give correct alignment.

ONE DOZEN IN A BOX.



Highly Polished Brass Finish Case with Steel Spindle, Hardened Steel Points, with Cord Attached.

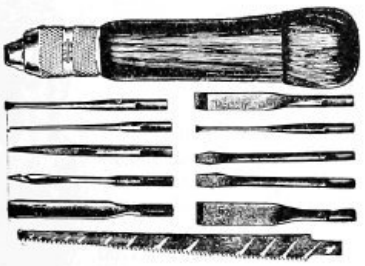
Nos	111	112	113
Length	2½	3	3¾ in.
Weight	8 oz	14 oz.	1½ lbs.
Per dozen	$9.00	12.00	15.00
Nos		**114**	**115**
Length		4½	5 in.
Weight		2¼ lbs.	3½ lbs.
Per dozen		$18.00	24.00

Made by new process, centered to secure an exact, even balance of weight. Very accurate and reliable. These are not solid brass, but a brass case filled, making them cheap and very durable plumb bobs.

ONE IN A WOOD BOX WITH SCREW TOP.

TOOL HANDLES AND AWLS.

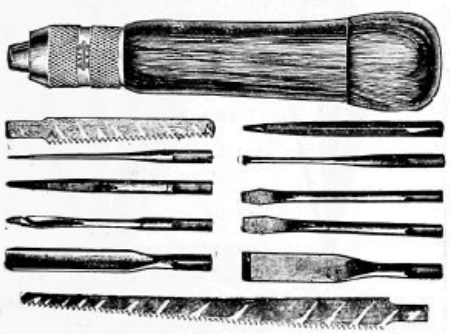
TOOL HANDLES WITH TOOLS.



"OUR VERY BEST."

No. 1 GVB — Cocobolo handle, length 6 in., nickel plated chuck, holds square, flat or triangular shanks, 10 cast steel tools contained in handle (2 chisels, 2 screw drivers, 1 reamer, 1 gouge, 1 gimlet bit, 3 awls and 1—7 in. keyhole saw blade), w't per doz. 8 lbs., per dozen $18.00

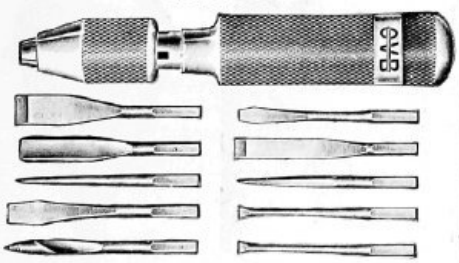
ONE IN A BOX.



"OUR VERY BEST."

No. 2 GVB—Cocobolo handle, length 7 in., nickel plated chuck, holds square, flat or triangular shanks, 10 cast steel tools contained in handle (1 saw, 1 gouge, 1 three-cornered file, 2 screw drivers, 2 awls, 1 gimlet bit, 1 reamer, 1 chisel and 1 extra 7 in. keyhole saw blade), w't per doz. 12 lbs., per dozen $27.00

ONE IN A BOX.



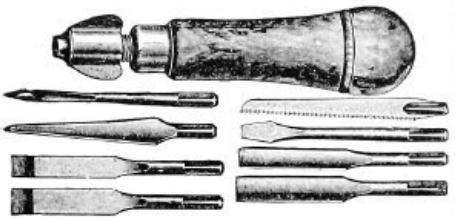
"OUR VERY BEST."

No. 10 GVB—Nickel plated knurled steel handle, length 6 in., with case hardened four jaw chuck, which holds round or square shank drills $\frac{1}{16}$ to $\frac{3}{16}$ in. diam., 10 tools contained in handle, (2 chisels, 2 screw drivers, 1 reamer, 1 gouge, 1 gimlet bit and 3 awls) w't per doz. 8 lbs.,...per dozen $21.00

No. 15 GVB—Nickel plated knurled steel handle, length 4¼ in. case hardened four jaw split chuck which holds round or square shank drills $\frac{1}{16}$ to $\frac{1}{8}$ in. diam., 12 steel tools contained in handle (1 chisel, 1 screw driver, 1 reamer, 1 tack claw, 1 pegging awl, 1 marking awl and 6 brad awls) w't per doz. 4 lbs. .....per dozen 15.00

ONE IN A BOX.

TOOL HANDLES WITH TOOLS.



No. 60—Cocobolo handle, length 7 in., nickel plated thumb nut, 9 cast steel tools contained in handle (1 gouge bit, 1 gouge, 1 saw, 2 chisels, 1 screw driver, 1 gimlet bit, 2 awls), w't per doz. 8½ lbs. .....per dozen $20.00

HALF DOZEN IN A BOX.

No. 44—Cocobolo handle, length 4¼ in., nickel plated cap, 12 tool steel tools (1 chisel, 1 screw driver, 1 reamer, 1 tack puller, 1 pegging awl, 1 marking awl, 6 brad awls), w't per doz. 3 lbs., per dozen $12.00

HALF DOZEN IN A BOX.

No. 50—Cocobolo handle, length 6 in., nickel plated thumb nut, 10 cast steel tools contained in handle (1 gouge, 1 chisel, 1 tack puller, 1 screw driver, 5 awls), w't per doz. 4½ lbs. ..per dozen $9.00

No. 40—Maple handle, otherwise same as No. 50, w't per doz. 4 lbs. ....per dozen 6.00

HALF DOZEN IN A BOX.

HANDLED BRAD AWLS.

GVB—Tool steel spring tempered blades, polished and stained handle, nickel plated ferrule, sizes $\frac{2}{32}$, $\frac{3}{32}$ and $\frac{4}{32}$ in., assorted .....per dozen $1.50

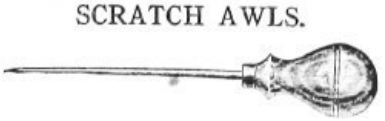
Blades are securely fastened in handle.

ONE DOZEN IN A BOX.

No. 4—Cast steel, polished handle, brass ferrule, assorted sizes .....per dozen $0.50

IN BULK.

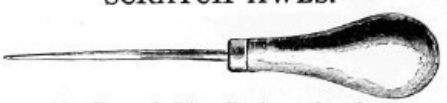
SCRATCH AWLS.



No. 2—Beech handles, brass ferrule, polished steel point, length 6½ in., per dozen $0.80

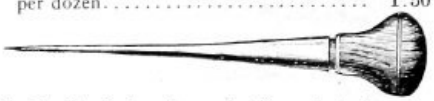
ONE DOZEN IN A BOX.

SCRATCH AWLS.



No. 100—Enameled handle, brass ferrule, No. 9 steel wire point, length 5¾ in., per dozen $1.30

No. 200—Enameled handle, brass ferrule, No. 6 steel wire point, length 6½ in., per dozen 1.50



No. 1—Beech handle, socket forged steel point, length 6½ in. .....per dozen $2.25

"OUR VERY BEST."

GVB—Ebonized handle, finely tempered polished steel blade, nickel plated ferrule, length 7½ in. .....per dozen $3.00

No. 20—Hurwood, ebonized handle, polished steel ferrule, cast steel tempered point running through handle and neaded, length 5½ in. .....per dozen $3.50

ONE DOZEN IN A BOX.

PEG AWLS.

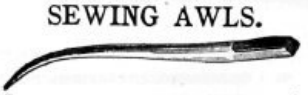
No. 6—Patent, extra cast steel, assorted, per gross. $0.90

ONE GROSS IN A BOX.

No. 5—Shouldered, extra cast steel, assorted .....per gross $2.00

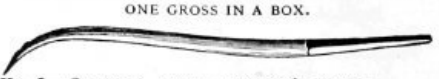
HALF GROSS IN A BOX.

SEWING AWLS.



No. 4—Patent, extra cast steel, assorted, per gross. $2.25

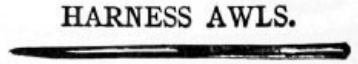
ONE GROSS IN A BOX.



No. 3—Common, extra cast steel, assorted. .....per gross $2.50

HALF GROSS IN A BOX.

HARNESS AWLS.



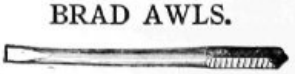
No. 2—Patent, extra cast steel, assorted, per gross. $2.25

ONE GROSS IN A BOX.

No. 1—Common, extra cast steel, assorted .....per gross $2.50

HALF GROSS IN A BOX.

BRAD AWLS.



No. 8—Patent, extra cast steel, assorted, per gross. $2.25

ONE GROSS IN A BOX.

No. 7—Shouldered, extra cast steel, assorted .....per gross $2.50

HALF GROSS IN A BOX.

HAFTS AND HANDLES.

BRAD AWL HAFTS.

No. 3—Hickory, brass ferrule..per dozen $0.30
IN BULK.

PEG AWL HAFTS.

No. 11—Common, hickory, brass ferrule, per dozen..... $0.40
THREE DOZEN IN A BOX.

No. 5—Patent, hickory, plain top, with screw, nut and wrench.....per dozen $0.90
ONE DOZEN IN A BOX.

No. 6—Patent, hickory, leather top, with screw, nut and wrench.....per dozen $1.00
ONE DOZEN IN A BOX.

SEWING AWL HAFTS.

No. 10—Common, hickory, brass ferrule, per dozen..... $0.40
ONE DOZEN IN A BOX.

No. 6½—Patent, applewood, with screw, nut and wrench.....per dozen $1.00
ONE DOZEN IN A BOX.

CHISEL HANDLES.

Tanged Firmer.

No. 10—Hickory, brass ferrule, *assorted*, w't per doz. 2 lbs.....per dozen $0.55
No. 11—Hickory, brass ferrule, *large*, w't per doz. 3 lbs.....per dozen .60
No. 15—Applewood, brass ferrule, *assorted*, w't per doz. 1½ lbs..per dozen .60
No. 16—Applewood, brass ferrule, *large*, w't per doz. 2½ lbs.....per dozen .70
No. 17—Applewood, brass ferrule, *extra large*, w't per doz. 2 lbs.....per dozen .80
ONE DOZEN IN A BOX.

Tanged Firmer.

No. 211—Hickory, brass ferrule, iron ring, w't per doz. 2¼ lbs.....per dozen $0.75
ONE DOZEN IN A BOX.

Tanged Firmer.

No. 115—Applewood, polished, leather head, heavy brass ferrule, assorted, w't per doz. 2 lbs.....per dozen $1.75
ONE DOZEN IN A BOX.

Socket Firmer.

No. 20—Hickory, *small*, assorted, w't per doz. 1½ lbs.....per dozen $0.40
No. 21—Hickory, *large*, assorted, w't per doz. 2 lbs.....per dozen .50
No. 25—Applewood, assorted, w't per doz. 1¼ lbs.....per dozen .50
ONE DOZEN IN A BOX.

CHISEL HANDLES.

Socket Firmer.

No. 22—Hickory, iron ring, assorted, w't per doz. 2 lbs.....per dozen $0.70
ONE DOZEN IN A BOX.

Socket Firmer.

No. 125—Hickory, leather head, polished, *assorted*, w't per doz. 1½ lbs. per dozen $1.00
No. 125½—Hickory, leather head, polished, *all large*, w't per doz. 2¼ lbs., per dozen..... 1.25
ONE DOZEN IN A BOX.

Socket Framing.

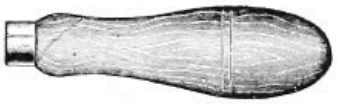
No. 30—Hickory, iron ring, assorted, w't per doz. 2½ lbs.....per dozen $0.70
No. 31—Hickory, *heavy*, iron ring, for 1½ to 2 in. chisels, w't per doz. 3½ lbs., per dozen..... .90
ONE DOZEN IN A BOX.

Socket Framing.

No. 130—Hickory, *leather head, polished*, assorted, w't per doz. 1½ lbs., per dozen $1.10
ONE DOZEN IN A BOX.

FILE, AUGER, PLANE AND SAW HANDLES.

FILE HANDLES.



No. 46—Soft wood, brass ferrule, *assorted*, per dozen..... $0.25
No. 47—Soft wood, brass ferrule, *all large*, per dozen..... .30

IN BULK. AVERAGE WEIGHT 1¼ LBS. PER DOZEN.

No. 45—LOCKJAW, beechwood, brass ferrule, assorted, w't per doz. 1½ lbs., per dozen..... $0.75

THREE DOZEN IN A BOX.

No. 48—IXL, malleable iron, tinned, adjustable clamp, securely holds files of all sizes, brad awls, etc., w't per doz. 4½ lbs.....per dozen $2.55

ONE DOZEN IN A HINGED COUNTER DISPLAY BOX.

BRICK TROWEL HANDLES.

Adapted to Trowels with Drive Tang.

Disston's, soft wood, steel ferrule, per dozen..... $2.00
Rose's, soft wood, steel ferrule..per dozen 2.40

IN BULK. AVERAGE WEIGHT 2 LBS. PER DOZEN.

SCREW DRIVER HANDLES.

No. 1—Polished, brass ferrule, *assorted*, per dozen..... $0.80
No. 2—Polished, brass ferrule, *all large*, per dozen..... 1.00

ONE DOZEN IN A BOX. AVERAGE WEIGHT 2 LBS. PER DOZEN.

AUGER HANDLES.

No. 1 —Common, hickory, *assorted*, length 13 to 15½ in., w't per doz. 6½ lbs., per dozen..... $0.70
No. 10—Common, hickory, *all large*, length 16 in., w't per doz. 9¼ lbs...per dozen .80

ONE DOZEN IN A BUNDLE.

No. 20—PECK'S, adjustable, hardwood, polished, length 18 in., w't per doz. 12 lbs.....per dozen $4.00

HALF DOZEN IN A PACKAGE.

No. 3—ROGERS', adjustable, *malleable iron*, japanned, hickory handles, riveted, length 16 in., w't per doz. 17 lbs., per dozen..... $8.00

QUARTER DOZEN IN A BOX.

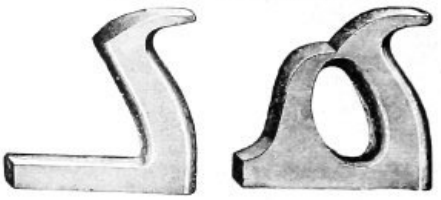
Ratchet.

No. 4—PRATT'S, white hickory handles, nickel plated nut, chuck and ratchet, japanned head, length 16 in., w't per doz. 36 lbs.....per dozen $24.00

The chuck of this handle will open wide enough to take in almost any size of auger and bit shank in the market. It opens wide enough to take in auger shanks with nuts. It can be used as a common auger handle, or by putting on the rachet it can be used with both handles, but without shifting the hands. In cramped places, one handle is taken off and placed at a right angle with the other. As seen in the cut, the wood on the detachable handle revolves.

ONE IN A BOX.

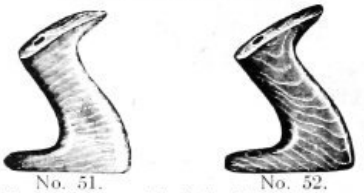
PLANE HANDLES.



No. 48. No. 49.

No. 48—Beech, plain, *for jack planes*, w't per doz. 3 lbs.....per dozen $0.85
No. 49—Beech, plain, *for fore or jointer planes*, w't per doz. 4 lbs....per dozen 1.20

ONE DOZEN IN A PACKAGE.

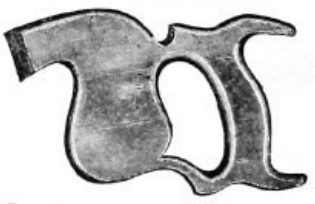


No. 51. No. 52.

No. 51—Beech, varnished, for Nos. 26, 27, 28, 29, 30, 31, 32, 33 and 34 Bailey's wood planes, w't per doz. 1½ lbs., per dozen..... $2.00
No. 52—Rosewood, varnished, for Nos. 5, 5½, 6, 7 and 8 Bailey's flat and corrugated iron planes, w't per doz. 1½ lbs., per dozen..... 4.00

ONE DOZEN IN A PACKAGE.

SAW HANDLES.



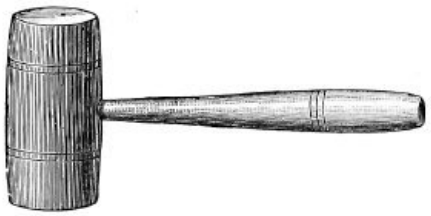
No. 4—Panel, beech, varnished edges, w't per doz. 4 lbs.....per dozen $1.50
No. 3—Hand, beech, plain edges, w't per doz. 6 lbs.....per dozen 1.50
No. 2—Hand, beech, varnished edges, w't per doz. 6 lbs.....per dozen 1.75

ONE DOZEN IN A BOX.

No. 4½—Panel, applewood, varnished edges, for No. DS-18 and 20 in. saws, w't per doz. 5 lbs.....per dozen $ 4.90
No. 9 —Panel, applewood, varnished and highly polished, for Nos. 12 and 112-18 and 20 in. saws, w't per doz. 5 lbs.....per dozen 8.25
No. 5 —Hand, applewood, varnished edges, for Disston's No. DS hand, w't per doz. 5¾ lbs.....per dozen 6.00
No. 7 —Hand, applewood, carved, varnished and highly polished, for Disston's No. 12 hand, w't per doz. 6½ lbs.....per dozen 10.00
No. 6 —Rip, applewood, varnished edges, for Disston's No. DS rip, w't per doz. 5½ lbs.....per dozen 6.40
No. 8 —Rip, applewood, carved, varnished and highly polished, for Disston's No. 12 rip, w't per doz. 6¼ lbs., per dozen..... 10.50

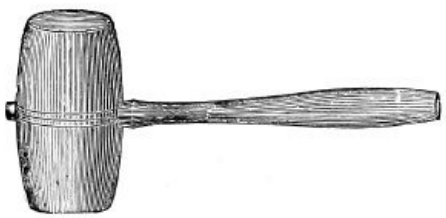
ONE DOZEN IN A BOX.

MALLETS.



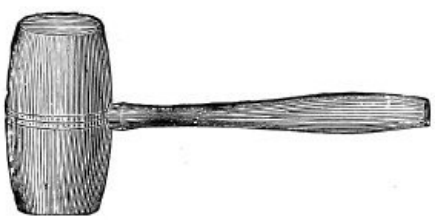
Tinners'.

No. 20—Hickory, 5×2 to 2½ in., w't per doz. 12 lbs.....per dozen $1.50
No. 21—Applewood, 5×2 to 2½ in., w't per doz. 11 lbs.....per dozen 3.20



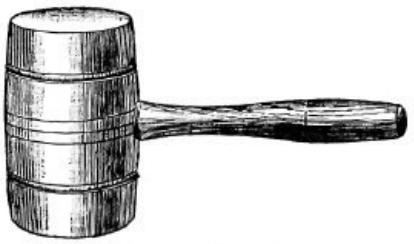
Sheet Iron.

No. 23 —Hickory, 6×2 to 2½ in., w't per doz. 13 lbs.....per dozen $1.80
No. 22 —Hickory, 5×2 in., w't per doz. 8 lbs.....per dozen 2.30
No. 22½—Hickory, 5½×2¼ in., w't per doz. 13 lbs.....per dozen 2.50



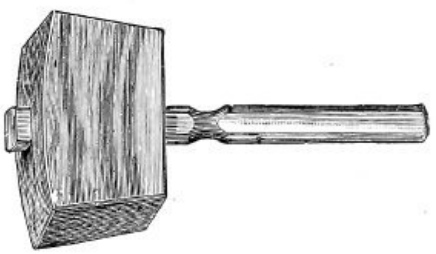
Sheet Iron.

No. 25 —Hickory, 6×2¼ to 2½ in., w't per doz. 16 lbs.....per dozen $2.00
No. 25½—Hickory, 6×3 in., w't per doz. 19 lbs.....per dozen 2.50
No. 26 —Applewood, 6×2¼ to 2½ in., w't per doz. 12 lbs.....per dozen 4.00



Carpenters', Round.

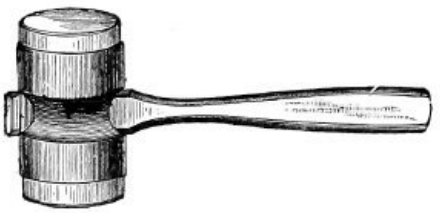
No. 30—Hickory, 6×3½ in., w't per doz. 26 lbs.....per dozen $3.30
No. 35—Lignumvitæ, 5½×3¼ in., w't per doz. 30 lbs.....per dozen 5.50
No. 36—Lignumvitæ, 6×3½ in., w't per doz. 40 lbs.....per dozen 7.00



Carpenters', Square.

No. 40—Hickory, 6¼×2¾×3¼ in., w't per doz. 21 lbs.....per dozen $3.30
No. 41—Hickory, 6½×3×3½ in., w't per doz. 25 lbs.....per dozen 4.00
No. 45—Lignumvitæ, 6×2¾×3¼ in., w't per doz. 32 lbs.....per dozen 6.50
No. 46—Lignumvitæ, 6½×3¼×3½ in., w't per doz. 39 lbs.....per dozen 8.00

No. 50—Iron, wood faced, mortised, 4½ ×2 in., w't per doz. 31 lbs..per dozen $6.00



No. 51—Heavy malleable iron socket, hickory ends, 5¾×2¾ in., w't per doz. 44 lbs.....per dozen $10.00

Iron Bound.

No. 52—Hickory, 5½×3 in., w't per doz. 23 lbs.....per dozen $5.50
No. 53—Hickory, 6×3½ in., w't per doz. 34 lbs.....per dozen 7.50

Fibre Head, Polished Steel Ferrules, Screw Handle.

No. 12 —Beech, 4¾×2 in., w't per doz. 15 lbs.....per dozen $ 9.50
No. 12½—Beech, 5¼×2½ in., w't per doz. 21 lbs.....per dozen 11.00
No. 13 —Beech, 5¾×3 in., w't per doz. 27 lbs.....per dozen 13.00

PRICE LIST OF FILES AND RASPS.

"OUR VERY BEST," NICHOLSON, DISSTON, AMERICAN AND HELLER.

Adopted November 1, 1899. List Per Dozen.

Inch.	Mill and Round.			Flat.		
	Bastard	2d Cut	Smooth	Bastard	2d Cut	Smooth
4	$ 3.00	$ 3.50	$ 3.90	$ 3.70	$ 4.30	$ 4.70
5	3.20	3.80	4.10	3.90	4.60	4.90
6	3.50	4.00	4.50	4.30	4.80	5.30
7	3.90	4.60	4.90	4.80	5.50	6.10
8	4.30	4.90	5.40	5.30	6.10	6.60
9	4.90	5.80	6.30	6.30	7.20	7.90
10	5.60	6.40	7.00	7.00	8.10	8.70
11	6.70	7.80	8.50	8.60	9.80	10.70
12	7.50	8.60	9.40	9.70	11.00	12.10
13	9.40	10.70	11.70	11.80	13.60	14.70
14	10.70	12.20	13.10	13.30	15.30	16.70
15	13.10	15.00	16.10	16.00	18.30	20.00
16	14.70	16.80	17.90	17.80	20.10	22.30
17	18.20	20.20	21.70	21.50	24.20	26.50
18	20.20	22.70	24.30	23.90	26.80	29.20
19	24.60	27.50	29.40	28.40	31.60	34.60
20	27.40	30.70	32.90	31.50	35.30	38.30

Mill Blunt, Dbl. Cut. adv. 2 in.
Mill Dbl. Cut, - adv. 1 in.
Mill Narrow Point, adv. 1 in.
Mill Machine, - adv. 1 in.
Mill Triangular & Sq. adv. 1 in.
Farmers' Own, adv. on Bast. 1 in.

Cant (Blunt) Dbl. Cut advance 2 in.

Inch.	Square.			Hand and Pillar.		
	Bastard	2d Cut	Smooth	Bastard	2d Cut	Smooth
4	$ 3.80	$ 4.60	$ 4.90	$ 3.70	$ 4.30	$ 4.80
5	4.10	4.80	5.30	3.90	4.70	5.30
6	4.60	5.10	5.50	4.30	5.10	5.60
7	5.10	5.80	6.30	4.90	5.80	6.30
8	5.50	6.30	7.00	5.40	6.30	6.70
9	6.60	7.70	8.30	6.70	7.80	8.30
10	7.40	8.50	9.10	7.50	8.70	9.40
11	9.10	10.40	11.30	9.40	10.90	11.80
12	10.20	11.50	12.80	10.70	12.30	13.50
13	12.50	14.30	15.40	13.30	15.20	16.20
14	13.90	16.10	17.50	15.00	17.00	18.20
15	16.90	19.20	20.90	17.90	20.60	21.70
16	18.70	21.20	23.30	20.10	22.80	24.20
17	22.50	25.40	27.50	24.20	27.10	28.60
18	25.10	28.20	30.40	26.80	29.90	31.50
19	29.70	33.20	35.70	31.90	35.40	37.60
20	32.80	36.70	39.30	35.10	39.20	41.60

Square Blunt, advance 1 in.

Slotting (Blt.) adv. 2 in.
Cotter Blunt or Taper, adv. 2 in.
Reaper, advance 1 in. on 2d Cut.

Inch.	Hlf. Rd. & Three Sq.			Warding.		
	Bastard	2d Cut	Smooth	Bastard	2d Cut	Smooth
4	$ 4.80	$ 5.60	$ 6.10	$ 4.00	$ 4.80	$ 5.40
5	5.40	6.10	6.40	4.50	5.30	5.80
6	6.10	6.70	7.10	4.90	5.90	6.40
7	7.00	7.70	8.20	5.90	6.90	7.50
8	7.50	8.30	8.90	6.40	7.50	8.20
9	8.50	9.40	9.90	7.80	9.00	9.90
10	9.10	10.10	10.70	8.70	10.10	11.00
11	10.70	11.80	12.70	10.90	12.70	13.70
12	11.80	13.00	13.90	12.30	14.30	15.40
13	14.10	15.40	16.60	15.20	17.40	18.70
14	15.50	17.00	18.30	17.00	19.40	21.00
15	18.50	20.40	21.70			
16	20.60	22.50	24.20			
17	24.70	27.00	28.90			
18	27.50	29.90	32.00			
19	32.80	35.70	38.10			
20	36.20	39.40	42.30			

Ginsaw, take Bastard price
Crossing, - adv. 2 in.
Tumbler, - adv. 2 in.
Feather Edge (Blunt) adv. 2 in.
High Back / Half Round - adv. 2 in.

Stavesaw.

8 in., - $9.40

Stavesaw Improved

6 in., -	$ 6.40
7 in., -	7.40
8 in., -	8.10
9 in., -	9.70
10 in., -	10.70
12 in., -	15.40

Inch.	Mill. One Round Edge.			Mill. Two Round Edges.		
	Bastard	2d Cut	Smooth	Bastard	2d Cut	Smooth
4	$ 3.40	$ 3.90	$ 4.40	$ 3.80	$ 4.40	$ 4.90
5	3.60	4.30	4.60	4.00	4.80	5.10
6	3.90	4.50	5.10	4.40	5.00	5.60
7	4.40	5.20	5.50	4.90	5.80	6.10
8	4.80	5.50	6.10	5.40	6.10	6.80
9	5.50	6.50	7.10	6.10	7.30	7.90
10	6.30	7.20	7.90	7.00	8.00	8.80
11	7.50	8.80	9.60	8.40	9.80	10.60
12	8.40	9.70	10.60	9.40	10.80	11.80
13	10.60	12.00	13.20	11.80	13.40	14.60
14	12.00	13.70	14.70	13.40	15.30	16.40
15	14.70	16.90	18.10	16.40	18.80	20.10
16	16.50	18.90	20.10	18.40	21.00	22.40
17	20.50	22.70	24.40	22.80	25.30	27.10
18	22.70	25.50	27.30	25.30	28.40	30.40

Inch.	Tapers.		Slim Tapers.		Bandsaw. Blunt & Taper.	
	Single Cut	Double Cut	Single Cut	Double Cut	Regular	Slim
3	$ 2.10	$ 2.50	$ 2.10	$ 2.50	$ 2.50	$ 2.50
3½	2.10	2.50	2.10	2.50	2.50	2.50
4	2.20	2.90	2.20	2.60	2.90	2.60
4½	2.40	3.10	2.30	3.00	3.10	3.00
5	2.60	3.50	2.50	3.20	3.50	3.20
5½	3.00	4.00	2.90	3.50	4.00	3.50
6	3.40	4.70	3.10	3.90	4.70	3.90
7	4.30	5.60	3.80	4.50	5.60	4.50
8	5.40	6.70	4.50	5.30	6.70	5.30
9	6.60	8.10	5.40	6.30	8.10	6.30
10	8.10	9.70	6.40	7.50	9.70	7.50
11	10.70	12.10	8.30	9.10	12.10	9.10
12	12.50	14.70	9.50	11.00	14.70	11.00
13	15.90	17.50	12.10	13.10	17.50	13.10
14	18.20	20.60	13.80	15.40	20.60	15.40

Inch.	Pit Saw.	Cant Saw.	Cross Cut.	Hook Tooth.	Planer Knife.	Inserted Tooth, or Chisel Tooth
	Single Cut	Single Cut	Single Cut	Single Cut	Single Cut	
4	$ 4.80	$ 4.30	$ 4.80	....	....	....
5	5.40	4.70	5.40	....	....	....
6	6.10	5.40	6.10	$ 6.70	....	....
7	7.00	6.10	7.00	7.70	....	....
8	7.50	6.40	7.50	8.30	$ 6.40	$ 8.30
9	8.50	7.80	8.50	9.40	....	9.40
10	9.10	8.70	9.10	10.10	8.60	10.10
11	10.70	10.40	10.70	11.80	....	....
12	11.80	11.40	11.80	13.00	12.10	....

Climax, adv. 2 in. on Hlf. Rd. Bastard.
Round Gulleting, take Pitsaw price.

Double-Ender with Handle.

Inch.	7	8	9	10	Inch.
	$3.50	$3.90	$4.40	$4.90	

Inch.	Horse Rasps.			File Rasps.	
	Plain	Beveled & ¾ Rasp	Tanged	Flat	Hf. Rnd.
6	$....	$....	$....	$ 7.40	$ 8.10
7	....	....	....	8.60	9.30
8	....	....	....	9.40	10.10
9	....	....	....	11.40	12.20
10	9.40	10.70	12.80	12.80	13.70
11	11.40	12.90	15.20	15.50	16.80
12	12.80	14.40	16.80	17.50	18.70
13	15.20	17.00	19.60	20.90	22.40
14	17.80	20.10	23.10	23.20	24.80
15	20.90	23.60	27.30	27.80	29.70
16	24.40	27.50	32.20	30.80	32.90
17	28.90	31.50	....	36.20	38.90
18	32.90	36.20	....	40.90	43.60

Inch.	Wood Files.			Wood Rasps.		
	Flat	Hf. Rnd.	Cabinet	Flat	Hf. Rnd.	Cabinet
6	$ 4.30	$ 6.10	$ 8.10	$ 7.40	$ 8.10	10.10
7	4.80	7.00	9.30	8.60	9.30	11.70
8	5.30	7.50	10.10	9.40	10.10	12.80
9	6.30	8.50	12.20	11.40	12.20	15.50
10	7.00	9.10	13.70	12.80	13.70	17.50
11	8.60	10.70	16.80	15.50	16.80	20 70
12	9.70	11.80	18.70	17.50	18.70	22.80
13	11.80	14.10	22.40	20.90	22.40	26.80
14	13.30	15.50	24.80	23.20	24.80	29.60
15	16.00	18.50	29.70	27.80	29.70	33.90
16	17.80	20.60	32.90	30.80	32.90	36.90
17	21.50	24.70	38.90	36.20	38.90	42.40
18	23.90	27.50	43.60	40.90	43.60	46 90

Inch.	Shoe Rasps.		
	Flat	Hf. Rnd.	Oval
6	$ 8.10	$ 8.10	$ 9.30
7	9.30	9.30	10.10
8	10.10	10.10	12.20
9	12.20	12.20	13.70
10	13.70	13.70	16.80
11	16.80	16.80	18.70
12	18.70	18.70	22.40
13	22.40	22.40	....
14	24.80	24.80	....

Last Makers' Rasps.

1 in. adv. on Cabinet Rasp.

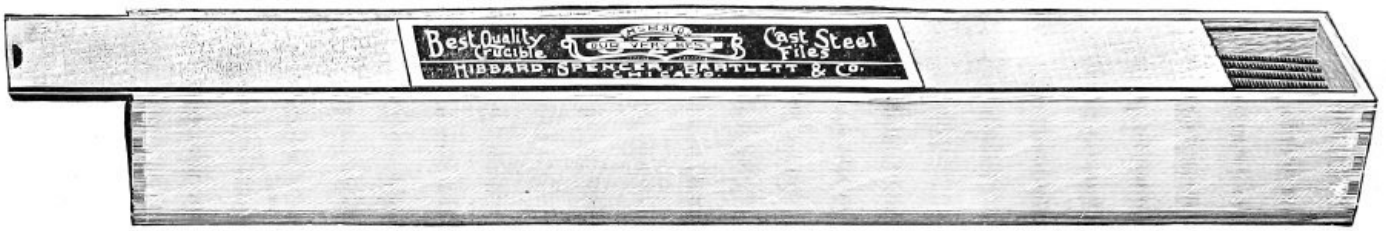
Inch.	Knife.		
	Bastard	2d Cut	Smooth
4	$ 5.40	$ 6.10	$ 6.40
5	6.10	6.70	7.10
6	6.90	7.50	7.90
7	7.80	8.50	8.90
8	8.50	9.10	9.50
9	9.40	10.60	11.30
10	10.10	11.50	12.30
11	12.20	13.70	14.60
12	13.70	15.20	16.10
13	16.30	17.90	19.20
14	18.20	19.90	21.20

Sizes below 4 in., not extended, take 4 in. price.
Half inches not specified, take next higher full inch price.
Dead Smooth, double the price of Bastard Cut.
One Round Edge, advance 12½ per cent.
All lengths above those listed, advance 20 per cent. on next lower in. price.

Blunt Files not specified, advance 1 in. on respective kinds and cuts.
Single or Float Cut not specified, on regular shapes take double Cut price.
Equalings (Bellied), advance 2 in. on respective kinds and cuts.
Two Round Edges, advance 25 per cent.
Files varying from standard sizes, subject to special prices.

Cuts not specified, made upon regular blanks, advance 1 in. on respective kinds and nearest cut.

FILES.



"OUR VERY BEST" files are as good as can be made. The steel is the best procurable, the workmanship perfect and great care is exercised in the inspection. The following guarantee is packed in every box: "If any of these files are found not up to standard, return them and they will be cheerfully replaced."

MILL BASTARD.

Length	3	4	5	6	7	8 in.
W't per doz. ("O.V.B.")	¼	½	¾	1⅜	2¼	3 lbs.
Our Very Best....per doz.	$3.00	3.00	3.20	3.50	3.90	4.30
Nicholson's.... "	3.00	3.00	3.20	3.50	3.90	4.30
Disston's..... "		3.00	3.20	3.50		4.30
New American.. "	3.00	3.00	3.20	3.50	3.90	4.30
Seconds..... "						4.30

Length	9	10	12	14	16 in.
W't per doz. ("O. V. B.")	3½	6	10	14	21 lbs.
Our Very Best..... per doz.	$4.90	5.60	7.50	10.70	14.70
Nicholson's..... "	4.90	5.60	7.50	10.70	14.70
Disston's..... "	4.90	5.60	7.50	10.70	14.70
New American..... "	4.90	5.60	7.50	10.70	14.70
Seconds..... "		5.60	7.50	10.70	

"O. V. B." 3 TO 7 IN., NICHOLSON'S AND NEW AMERICAN 3 TO 10 IN., DISSTON'S 4 TO 6 IN., ONE DOZEN IN A BOX; BALANCE, HALF DOZEN IN A BOX

MILL BASTARD, WITH ONE ROUND EDGE.

Length	8	10	12 in.
W't per doz. ("O. V. B.")	3	6	10 lbs.
Our Very Best.....per dozen	$4.80	6.30	8.40
Nicholson's..... "	4.80	6.30	8.40

"O. V. B." HALF DOZEN; NICHOLSON'S 8 AND 10 IN., ONE DOZEN; 12 IN., HALF DOZEN IN A BOX.

FLAT BASTARD.

Length	4	5	6	8	10	12	14	16 in.
W't per doz. ("O.V.B.")	⅝	1⅛	1¾	4	6¼	13	20	28 lbs.
Our Very Best... per doz.	$3.70	3.90	4.30	5.30	7.00	9.70	13.30	17.80
Nicholson's... "	3.70	3.90	4.30	5.30	7.00	9.70	13.30	17.80
New American "	3.70	3.90	4.30	5.30	7.00	9.70	13.30	17.80

4 TO 8 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

HAND BASTARD.

Length	8	10	12	14 in.
W't per doz.....	5¼	10	17	24 lbs.
Our Very Best....per dozen	$5.40	7.50	10.70	15.00

8 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

FLAT SECOND CUT.

Length	6	8	10	12	14	16 in.
W't per doz. ("O.V.B.").	2	4	8	12	20	29 lbs.
Our Very Best.... per doz.	$4.80	6.10	8.10	11.00	15.30	20.10
Nicholson's... "	4.80	6.10	8.10	11.00	15.30	20.10
New American "	4.80	6.10	8.10	11.00	15.30	20.10

6 TO 10 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

HAND SMOOTH.

Length	8	10	12	14 in.
W't per doz., ("O. V. B.")..	5	9	14	22 lbs.
Our Very Best....per dozen	$6.70	9.40	13.50	18.20
New American.... "	6.70	9.40	13.50	18.20

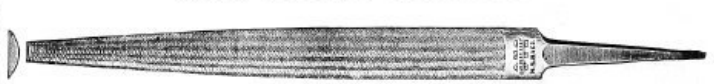
8 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

FLAT SMOOTH FILES.

Length	4	5	6	8	10	12	14 in.
W't per doz. ("O.V.B.")	½	1	2	4	7½	12	20 lbs.
Our Very Best... per doz	4.70	4.90	5.30	6.60	8.70	12.10	16.70
Nicholson's... "	4.70	4.90	5.30	6.60	8.70	12.10	16.70
New American "	4.70	4.90	5.30	6.60	8.70	12.10	16.70

4 TO 8 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

HALF ROUND BASTARD.



Length	4	5	6	8	10	12	14	16 in.
W't per doz.("O.V.B.")	¾	1¼	1¾	3¾	6½	11	19	27 lbs.
Our Very Best...per doz.	$4.80	5.40	6.10	7.50	9.10	11.80	15.50	20.60
Nicholson's "	4.80	5.40	6.10	7.50	9.10	11.80	15.50	20.60
New American "	4.80	5.40	6.10	7.50	9.10	11.80	15.50	20.60

4 TO 8 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

ROUND BASTARD.

Length	4	5	6	8	10	12	14	16 in.
Diam. widest part....	5/32	3/16	7/32	5/16	3/8	1/2	5/8	¾ in.
W't per doz.("O.V.B")	⅜	⅝	⅞	2	3¾	8	14	23 lbs.
Our Very Best..per doz.	$3.00	3.20	3.50	4.30	5.60	7.50	10.70	14.70
Nicholson's "	3.00	3.20	3.50	4.30	5.60	7.50	10.70	14.70
New American "	3.00	3.20	3.50	4.30	5.60	7.50	10.70	14.70

4 TO 10 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

FILES AND RASPS.

"OUR VERY BEST" Files are warranted and if not up to standard will be cheerfully replaced.

SQUARE BASTARD FILES.

Length	4	5	6	8	10	12	14	16 in.
W't per doz. ("O.V.B.")	3/8	1/2	1	2	4	9	16	28 lbs.
Our Very Best per doz.	$3.80	4.10	4.60	5.50	7.40	10.20	13.90	18.70
Nicholson's. "	3.80	4.10	4.60	5.50	7.40	10.20	13.90	18.70
New American. "	3.80	4.10	4.60	5.50	7.40	10.20	13.90	18.70

4 TO 10 IN., ONE DOZEN ; BALANCE HALF DOZEN IN A BOX.

WARDING BASTARD FILES.

Length	3	4	4 1/2	5	6 in.
W't per doz. ("O.V.B.").	1/4	1/2	5/8	3/4	1 lb.
Our Very Best...per dozen	$4.00	4.00	4.50	4.50	4.90
Nicholson's. "	4.00	4.00	4.50	4.50	4.90
New American... "	4.00	4.00	4.50	4.50	4.90

ONE DOZEN IN A BOX.

KNIFE BASTARD FILES.

Length	3	4	5	6 in.
W't per doz. ("O.V.B.").	1/4	3/8	1	1 3/8 lbs.
Our Very Best.....per dozen	$5.40	5.40	6.10	6.90
Nicholson's..... "	5.40	5.40	6.10	6.90
New American..... "	5.40	5.40	6.10	6.90

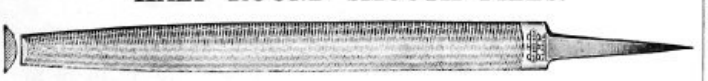
ONE DOZEN IN A BOX.

HALF ROUND SECOND CUT FILES.

Length	6	8	10	12	14	16 in.
W't per doz. ("O.V.B.").	1 3/4	3	7	11	18	26 lbs.
Our Very Best.....per dozen	$6.70	8.30	10.10	13.00	17.00	22.05
Nicholson's..... "	6.70	8.30	10.10	13.00	17.00	22.05
New American..... "	6.70	8.30	10.10	13.00	17.00	22.05

6 TO 10 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

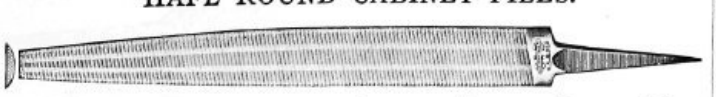
HALF ROUND SMOOTH FILES.



Length	4	5	6	8	10	12	14	16 in
W't per doz.("O.V.B")	3/4	1	1 1/2	3 3/4	7	12	18	25 lbs
Our Very Best..per doz.	$6.10	6.40	7.10	8.90	10.70	13.90	18.30	24.20
Nicholson's.. "	6.10	6.40	7.10	8.90	10.70	13.90	18.30	
New American "	6.10	6.40	7.10	8.90	10.70	13.90	18.30	24.20

4 TO 8 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

HAFL ROUND CABINET FILES.



Length	8	10	12	14 in.
W't per doz. ("O. V. B.").	3	6	9	15 lbs.
Our Very Best....per dozen	$10.10	13.70	18.70	24.80
Nicholson's..... "	10.10	13.70	18.70	24.80
New American... "	10.10	13.70	18.70	24.80

8 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

HALF ROUND CABINET RASPS.

Length	8	10	12	14 in.
W't per doz. ("O. V. B.").	3	7	11	16 lbs.
Our Very Best...per dozen	$12.80	17.50	22.80	29.60
Nicholson's..... "	12.80	17.50	22.80	29.60
New American... "	12.80	17.50	22.80	29.60

8 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

HALF ROUND WOOD RASPS.

Length	8	10	12	14 in.
W't per doz. ("O.V.B.").	3 3/4	7	12	18 lbs.
Our Very Best....per dozen	$10.10	13.70	18.70	24.80
Nicholson's..... "	10.10	13.70	18.70	24.80
New American.... "	10.10	13.70	18.70	24.80

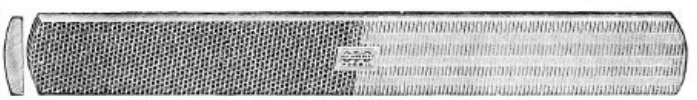
HALF DOZEN IN A BOX.

FLAT WOOD RASPS.

Length	10	12	14 in.
W't per doz. ("O. V. B.").	8	14	20 lbs.
Our Very Best.....per dozen	$12.80	17.50	23.20
New American..... "	12.80	17.50	23.20

HALF DOZEN IN A BOX.

HALF ROUND SHOE RASPS.



Length	6	8	10 in.
W't per doz. ("O. V. B.").	2	4	8 lbs.
Our Very Best.....per dozen	$8.10	10.10	13.70
New American..... "	8.10	10.10	13.70

HALF DOZEN IN A BOX.

TANGED HORSE RASPS.

Length	14	16 in.
W't per doz.	28	38 lbs.
Our Very Best.....per dozen	$23.10	32.20

HALF DOZEN IN A BOX.

PLAIN HORSE RASPS.

Length	12	14	16 in.
W't per doz. ("O. V. B.").	15	19	29 lbs.
Our Very Best....per dozen	$12.80	17.80	24.40
Nicholson's..... "	12.80	17.80	24.40
New American.... "	12.80	17.80	24.40

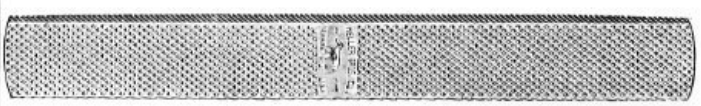
HALF DOZEN IN A BOX.

HAND MADE, PLAIN HORSE RASPS.

Length	12	14	16 in.
W't per doz.	15	19	29 lbs.
"Rev-o-noc".....per dozen	$12.80	17.80	24.40
"Rev-o-noc," narrow, length 18 in., w't per doz., 30 lbs...per dozen			$26.00

HALF DOZEN IN A BOX.

HAND MADE PLAIN & TANGED HORSE RASPS.



Length	12	14	16 in.
W't per doz., plain.....	15	19	29 lbs.
W't per doz., tanged.....		28	38 lbs.
Heller Bros.', plain.....per dozen	$12.80	17.80	24.40
Heller Bros.', tanged..... "		23.10	32.20

HALF DOZEN IN A BOX.

FILES.

COMMON TAPER SAW.

Length	3	3½	4	4½	5	5½ in.
W't per doz. ("O. V. B.").	¼	½	¾	1⅛	1½	2 lbs.
Our Very Best....per dozen	$2.10	2.10	2.20	2.40	2.60	3.00
Nicholson's..... "	2.10	2.10	2.20	2.40	2.60	3.00
New American..... "	2.10	2.10	2.20	2.40	2.60	3.00

Length	6	7	8	10	12 in.
W't per doz. ("O. V. B.")	2¼	3	4½	8	14 lbs.
Our Very Best.....per dozen	$3.40	4.30	5.40	8.10	12.50
Nicholson's..... "	3.40	4.30	5.40	8.10	12.50
New American..... "	3.40	4.30	5.40	8.10	12.50

ONE DOZEN IN A BOX.

SLIM TAPER SAW.

Length	3	3½	4	4½	5 in.
W't per doz. ("O. V. B.").	¼	⅜	½	¾	⅞ lb.
Our Very Best.....per dozen	$2.10	2.10	2.20	2.30	2.50
Nicholson's..... "	2.10	2.10	2.20	2.30	2.50
Disston's..... "	2.10	2.10	2.20	2.30	2.50
New American..... "	2.10	2.10	2.20	2.30	2.50

Length	5½	6	7	8	10 in.
W't per doz. ("O. V. B.")	1	1¼	2	3	6 lbs.
Our Very Best.....per dozen	$2.90	3.10	3.80	4.50	6.40
Nicholson's..... "	2.90	3.10	3.80	4.50	6.40
Disston's..... "	2.90	3.10	3.80	4.50	
New American..... "	2.90	3.10	3.80	4.50	

ONE DOZEN IN A BOX.

EXTRA SLIM TAPER SAW.

Length	3	3½	4	4½	5	5½	6	7	8 in.
W't per doz.	⅛	3/16	¼	5/16	½	⅝	¾	1	1½ lbs.
Our Very Best doz	$2.10	2.10	2.20	2.30	2.50	2.90	3.10	3.80	4.50

ONE DOZEN IN A BOX.

DOUBLE ENDER SAW.

With Handle.

Length	7	8	9	10 in.
W't per doz. ("O. V. B.")	1¼	2	2½	3½ lbs.
Our Very Best.....per dozen	$3.50	3.90	4.40	4.90
Nicholson's..... "	3.50	3.90	4.40	4.90
Disston's..... "	3.50	3.90	4.40	
New American..... "	3.50	3.90	4.40	4.90

NEW AMERICAN, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

SLIM BLUNT.

One Handle Supplied with Every Three Files.

Length	4½	5	5½	6	7 in.
W't per doz.	½	¾	1	1¼	1¾ lbs
Weed's Special....per dozen	$2.30	2.50	2.90	3.10	3.80

ONE DOZEN (WITH FOUR HANDLES) IN A BOX.

BLUNT END.

One Handle Supplied with Every Three Files.

Length	4½	5	5½	6 in.
W't per doz.	½	¾	⅞	1 lb.
Hunt's Chrome Steel...per dozen	$2.30	2.50	2.90	3.10

ONE DOZEN (WITH FOUR HANDLES) IN A BOX.

PIT SAW.

Length	6	8 in.
W't per doz. ("O. V. B.")	2	4 lbs.
Our Very Best.....per dozen	$6.10	7.50
New American..... "	6.10	7.50

ONE DOZEN IN A BOX.

CANT OR LIGHTNING.

Length	6	8	10 in.
W't per doz. ("O. V. B.")	1½	2¾	5 lbs.
Our Very Best.....per dozen	$5.40	6.40	8.70
Nicholson's..... "	5.40	6.40	8.70
New American..... "	5.40	6.40	8.70

ONE DOZEN IN A BOX.

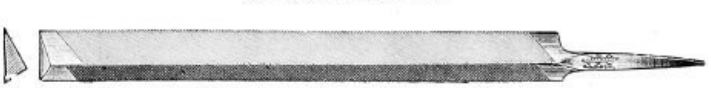
GREAT AMERICAN SAW.

For Disston's Great American Cross-Cut Saws.

Length	8	10 in.
W't per doz. ("O. V. B.")	4	6 lbs.
Our Very Best.....per dozen	$7.50	9.10
Disston's..... "	7.50	
New American..... "	7.50	9.10

ONE DOZEN IN A BOX.

CLIMAX SAW.



Our Very Best, 6 in.....per dozen $7.50

ONE DOZEN IN A BOX. WEIGHT 2 LBS. PER DOZEN.

FILES AND FILE CLEANERS.

NEEDLE FILES.

Flat.

Square.

Three-Square.

Round.

Half-Round.

Knife.

Oval.

Disston's assorted, 2 each, flat, square, round, half-round and oval, 1 each, three-square and knife, length 5½ in., per dozen $1.10

ONE DOZEN IN A BOX.

AUGER BIT FILES.

For Auger Bits of All Sizes.

No. 1—7 in., double ender, one end having flat file with smooth edges, the other end being smooth with file edges.....per dozen $3.50

This file is made especially for the purpose, and will do quick and fine work without the danger of ruining the lip.

ONE DOZEN ON AN EASEL-BACK CARD; WEIGHT ½ LB. PER DOZEN.

HORSE TOOTH FILES.

No. 10—Polished, 3 in. detachable file, stained wood handle, length 19 in., w't per doz. 13 lbs.....per dozen $15.00
Extra Files, for No. 10, w't per doz. 2 lbs..... " 3.00

ONE-QUARTER DOZEN IN A BOX; FILES, HALF DOZEN IN A BOX.

No. 30—Polished, 3 in. detachable file, jointed shank, stained wood handle, length 19 in., w't per doz. 14 lbs.....per dozen $20.00
Extra Files, for No. 30, w't per doz. 2 lbs..... " 3.00

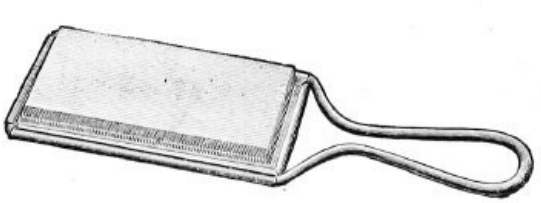
ONE-QUARTER DOZEN IN A BOX; EXTRA FILES, HALF DOZEN IN A BOX.

No. 60—Polished, adjustable holder, 3 in. detachable file, jointed shank, stained wood handle, length 19 in., w't per doz. 16 lbs., per dozen..... $28.00
Extra Files, for No. 60, w't per doz. 2 lbs.....per dozen 3.00

ONE-QUARTER DOZEN IN A BOX; EXTRA FILES, HALF DOZEN IN A BOX.

FILE CLEANERS.

No. 9—NICHOLSON'S, wood back and frame, hardened and tempered steel wire teeth, with scorer, length 10 in., w't per doz. 3½ lbs.....per dozen $3.00



No. 10—COLTON'S, steel back and frame, hardened and tempered, steel wire teeth, with pick, length 7¾ in., w't per doz. 2½ lbs., per dozen..... $3.50

ONE DOZEN IN A BOX.

SWISS PATTERN SUPERFINE FILES.

These superfine files are made for mechanics, pattern makers, and jewelers, whose work requires the best tools procurable. Superfine files are all double cut, and the sizes given are length of cutting surface.

The sizes range from No. 00 coarse to No. 4 fine. No. 00 is about the same as bastard cut, and No. 0 is a trifle finer than smooth.

HAND.

One Safe Edge.

Nos.		00	0	2	4
4 in.	per dozen	$3.15	3.15	3.15	3.30
6 in.	"	4.80	4.80	4.80	5.00
8 in.	"	7.00	7.00		7.20

ONE DOZEN IN A BOX.

WARDING.

Double Cut.

Nos.		0	1	2	3	4
4 in.	per dozen	$3.15	3.15	3.15	3.30	3.30
6 in.	"	4.80	4.80	4.80	5.00	5.00
8 in.	"	6.80				

ONE DOZEN IN A BOX.

BARRETTE.

One Flat Cutting Surface.

Nos.		0	1	2	4
4 in.	per dozen	$3.70	3.70	3.70	3.75
6 in.	"	6.20	6.20	6.20	6.35

ONE DOZEN IN A BOX.

HALF ROUND AND CROSSING

Half Round.

Nos.		00	1	2	3	4
4 in.	per dozen	$3.20	3.20	3.20	3.70	3.70
6 in.	"	5.00	5.00	5.00	5.60	5.60

ONE DOZEN IN A BOX.

Crossing.

Nos.		0	1	2	6
3½ in.	per dozen	$		3.25	
4 in.	"	3.70	3.70	3.70	4.00
6 in.	"	5.60	5.60	5.60	6.55
8 in.	"	8.50	8.50	8.50	

ONE DOZEN IN A BOX.

Crossing files have two rounded sides, one about the same as a half round file, and the other much flatter.

KNIFE.

Double Cut.

Nos.		0	2	4
4 in.	per dozen	$3.60	3.60	3.70
6 in.	"	5.40	5.40	5.80

ONE DOZEN IN A BOX.

PILLAR.

Two Safe Edges.

Nos.		0	2	4
4 in.	per dozen	$2.95	2.95	3.00
6 in.	"	4.30	4.30	4.40
8 in.	"	6.50	6.50	6.70

ONE DOZEN IN A BOX.

NARROW PILLAR.

Two Safe Edges.

Nos.		0	2	4
4 in.	per dozen	$2.95	2.95	3.00
6 in.	"	4.30	4.30	4.40
8 in.	"	6.50	6.50	6.70

ONE DOZEN IN A BOX.

EXTRA NARROW PILLAR.

Two Safe Edges.

Nos.		0	2	4
4 in.	per dozen	$2.95	2.95	3.00
6 in.	"	4.30	4.30	4.40

ONE DOZEN IN A BOX.

SQUARE.

Nos.		0	2	4
4 in.	per dozen	$2.80	2.80	2.95
6 in.	"	4.40	4.40	4.55
8 in.	"	6.40	6.40	

ONE DOZEN IN A BOX.

THREE SQUARE.

Nos.		0	2	3	4
4 in.	per dozen	$3.30	3.30	3.40	3.40
6 in.	"	5.00	5.00	5.10	5.10

ONE DOZEN IN A BOX.

ROUND.

Nos.		0	2	4
4 in.	per dozen	$2.50	2.50	2.60
6 in.	"	3.70	3.70	3.90

ONE DOZEN IN A BOX.

ASSORTED DIE SINKERS' FILES.

No. 1—Flat.
No. 2—Pippin.
No. 3—Lozenge.
No. 4—Auriform.
No. 5—Three Square.
No. 6—Oval.
No. 7—Warding.
No. 8—Half Round.
No. 9—Square.
No. 10—Crochet.
No. 11—Knife.
No. 12—Round

No. 15—3½ in., one dozen assorted shapes, flat, safe edge, pippin, lozenge, auriform, three square, oval, warding, half round, square, crochet, knife and round (sold in sets only)....per set $2.80

AUGER BITS.

"OUR VERY BEST."

Extra Cast Steel, Extension Lips.

Inches	3-16	4-16	5-16	6-16	7-16	8-16	9-16
W't per doz	1	1¼	1½	1¾	2	2¼	2¾ lbs.
Per dozen	$4.50	4.00	4.00	4.00	4.50	5.00	5.50

Inches	10-16	11-16	12-16	13-16	14-16	15-16	16-16
W't per doz	3	3½	4	4½	5	5½	6 lbs.
Per dozen	$6.00	7.00	7.00	8.00	8.00	9.00	9.00

Sets of 24 quarters, two each 6-16, 8-16 and 10-16 one each 4-16, 5-16, 7-16, 9-16, 11-16 and 12-16 in., w't 2¼ lbs. . . . . per set $5.25
Sets of 32½ quarters, one each 4-16, 5-16, 6-16, 7-16, 8-16, 9-16, 10-16 11-16, 12-16, 13-16, 14-16, 15-16 and 16-16 in., w't 3½ lbs., per set. 7.00

HALF DOZEN IN A WOOD BOX.

"REV-O-NOC."

Extra Cast Steel, Double Spurs and Lips.

Inches	3-16	4-16	5-16	6-16	7-16	8-16	9-16
W't per doz	1	1¼	1½	1¾	2	2½	3 lbs.
Per dozen	$4.50	4.00	4.00	4.00	4.50	5.00	5.50

Inches	10-16	11-16	12-16	13-16	14-16	15-16	16-16
W't per doz	3¼	3½	4	4¼	5	5¼	5½ lbs.
Per dozen	$6.00	7.00	7.00	8.00	8.00	9.00	9.00

Sets of 24 quarters, two each 6-16, 8-16 and 10-16; one each 4-16, 5-16, 7-16, 9-16, 11-16 and 12-16 in., w't 2¼ lbs. . . . . per set $5.25
Sets of 32½ quarters, one each 4-16, 5-16, 6-16, 7-16, 8-16, 9-16, 10-16 11-16, 12-16, 13-16, 14-16, 15-16 and 16-16 in., w't 3½ lbs., per set 7.00

HALF DOZEN IN A WOOD BOX.

NEW JENNINGS.

Extra Cast Steel, Extension Lips.

Inches	3-16	4-16	5-16	6-16	7-16	8-16	9-16	10-16
W't per doz	1	1	1½	2	2½	2¾	2¾	3 lbs.
Per dozen	$4.50	4.00	4.00	4.00	4.50	5.00	5.50	6.00

Inches	11-16	12-16	13-16	14-16	15-16	16-16	18-16	20-16
W't per doz	3	3½	4	4¼	4¾	5¼	6½	7⅞ lbs.
Per dozen	$7.00	7.00	8.00	8.00	9.00	9.00	10.50	12.00

Sets of 24 quarters, two each 6-16, 8-16 and 10-16; one each 4-16, 5-16, 7-16, 9-16, 11-16 and 12-16 in., w't 1⅞ lbs. . . . . per set $5.25
Sets of 32½ quarters, one each 4-16, 5-16, 6-16, 7-16, 8-16, 9-16, 10-16, 11-16, 12-16, 13-16, 14-16, 15-16 and 16-16 in., w't 3 lbs. . . . . per set 7.00

3 TO 10-16THS, ONE DOZEN; 11 TO 20-16THS, HALF DOZEN IN A BOX.

RUSSELL JENNINGS.

Extra Cast Steel, Extension Lips.

Inches	3-16	4-16	5-16	6-16	7-16	8-16	9-16
W't per doz	¾	1¼	1½	1¾	2	2¼	2¾ lbs.
Per dozen	$3.40	3.00	3.40	3.80	4.40	4.80	5.20

Inches	10-16	11-16	12-16	13-16	14-16	15-16	16-16
W't per doz	3	3¼	3½	3¾	4½	5	5½ lbs.
Per dozen	$5.60	6.10	6.60	7.20	7.80	8.40	9.00

Sets of 32½ quarters, one each 4-16, 5-16, 6-16, 7-16, 8-16, 9-16, 10-16 11-16, 12-16, 13-16, 14-16, 15-16 and 16-16 in., w't 5 lbs. . . . . per set $6.25

3 TO 12-16THS, ONE DOZEN; 13 TO 16-16THS, HALF DOZEN; IN A BOX.

SPECIAL BLUED.

Jennings' Pattern, Cast Steel, Extension Lips.

No. 62—Inches	3-16	4-16	5-16	6-16	7-16	8-16	9-16
W't per doz	1	1¼	1½	1¾	2	2¼	2½ lbs.
Per dozen	$4.50	4.00	4.00	4.00	4.50	5.00	5.50

No. 62—Inches	10-16	11-16	12-16	13-16	14-16	15-16	16-16
W't per doz	2¾	3	3¼	4	4½	4¾	5¼ lbs.
Per dozen	$6.00	7.00	7.00	8.00	8.00	9.00	9.00

Sets of 32½ quarters, one each 4-16, 5-16, 6-16, 7-16, 8-16, 9-16, 10-16, 11-16, 12-16, 13-16, 14-16, 15-16 and 16-16 in., w't 5 lbs. . . . . per set $7.00

HALF DOZEN IN A WOOD BOX.

IRWIN.

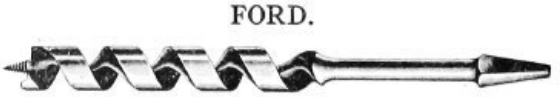
Extra Cast Steel, Solid Center Stem, Double Cutter, Extension Lips.

Inches	3-16	4-16	5-16	6-16	7-16	8-16	9-16
W't per doz	1	1	1¼	1½	2	2	2½ lbs.
Per dozen	$4.50	4.00	4.00	4.00	4.50	5.00	5.50

Inches	10-16	11-16	12-16	13-16	14-16	15-16	16-16
W't per doz	2¾	3	3¼	3¾	3¾	4	4½ lbs.
Per dozen	$6.00	7.00	7.00	8.00	8.00	9.00	9.00

HALF DOZEN IN A BOX.

FORD.



Extra Cast Steel, Single Concaved Twist, Extension Lip.

Inches	3-16	4-16	5-16	6-16	7-16	8-16	9-16	10-16	11-16
W't per doz	¾	1¼	1¾	2	2¼	2½	3	3½	4 lbs.
Per dozen	$4.50	4.00	4.00	4.00	4.50	5.00	5.50	6.00	7.00

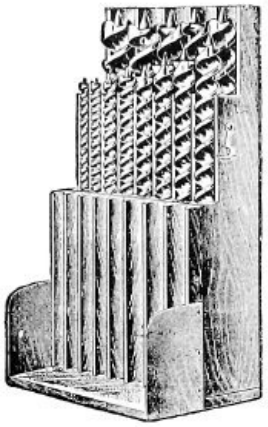
Inches	12-16	13-16	14-16	15-16	16-16	18-16	20-16	24-16
W't per doz	4½	5	5½	6½	6½	8	8½	11½ lbs
Per dozen	$7.00	8.00	8.00	9.00	9.00	10.50	12.00	15.00

Sets of 32½ quarters . . . . . per set $7.00

3-16 TO 20-16THS, HALF DOZEN ; 24-16THS, ONE-THIRD DOZEN IN A BOX.

AUGER BIT SETS AND BOXES.

AUGER BIT SETS.



In Bartlett Boxes.

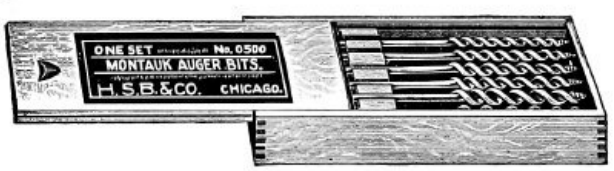
No. 6—11×5½×1¼ in., cherry finished, containing one each 4-16, 6-16, 8-16, 10-16, 12-16 and 16-16ths REVONOC extra cast steel auger bits, w't 3 lbs.....per set $2.60

No. 8—11×7×1¼ in., cherry finished, containing one each 4-16, 5-16, 6-16, 8-16, 10-16, 12-16, 14-16 and 16-16ths REVONOC extra cast steel auger bits, w't 3¼ lbs.....per set 3.20

No. 13—11×6×2 in., cherry finished, containing one set 32½ quarters (4-16 to 16-16ths) REVONOC extra cast steel auger bits, w't 5 lbs.....per set 5.00

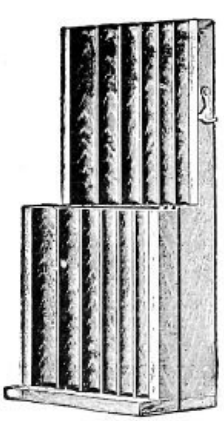
No. 213—Containing one set 32½ quarters (4-16 to 16-16ths) CVB auger bits, otherwise same as No. 13, w't 5¼ lbs., per set..... 5.50

No. 113—Containing one set 32½ quarters (4-16 to 16-16ths) NEW JENNINGS auger bits, otherwise same as No. 13, w't 5½ lbs., per set 6.10



No. 600—10½×4½×1½ in., containing one each 4, 5, 6, 8, 10 and ⅛ in. cast steel blued auger bits in slide cover box, w't 1½ lbs.....per set $2.50

AUGER BIT BOXES.



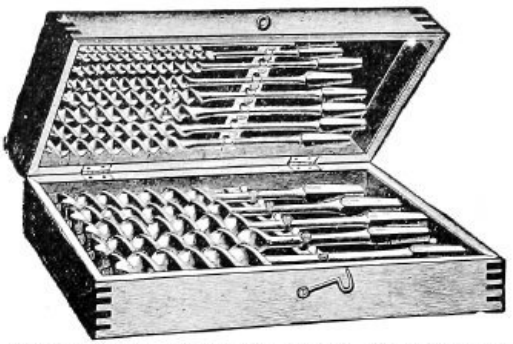
Bartlett.

No. 16—For 6 bits, cherry finish, w't 1¾ lbs.....per dozen $8.50

No. 18—For 8 bits, cherry finish, w't 1¾ lbs..... " 9.00

No. 013—For 13 bits, cherry finish, w't 2 lbs..... " 9.50

AUGER BIT SETS.



No. 12—11×5¾×2¼ in., oiled hardwood box, containing one set 32½ quarters (4-16 to 16-16ths) REVONOC extra cast steel auger bits, w't 2½ lbs.....per set $4.70

No. 212—Containing one set 32½ quarters (4-16 to 16-16ths) CVB auger bits, w't 4 lbs.....per set 5.30

No. 112—Containing one set 32½ quarters (4-16 to 16-16ths) NEW JENNINGS auger bits, w't 4¼ lbs.....per set 5.80

No. 34—11×6×3½ in., oiled hardwood box, containing one set 32½ quarters (4-16 to 16-16ths) FORD auger bits, w't 5 lbs., per set..... 7.00

Hardwood Bit Boxes.

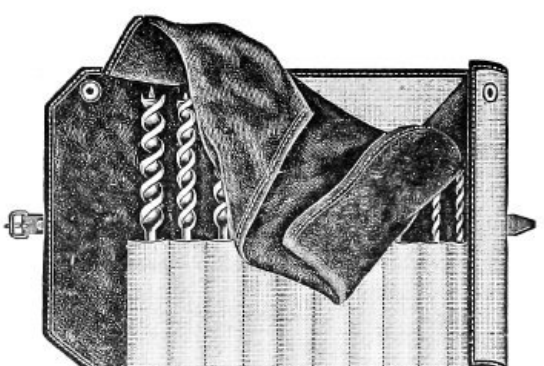
No. 012—For 13 bits, oil finish, w't per doz. 12 lbs.....per dozen $6.50

No. 35—12×4¾×3¼ in., varnished hardwood box, containing one set 20½ quarters, one each 4-16, 5-16, 6-16, 7-16, 8-16, 10-16, 12-16, 14-16 and 16-16ths IRWIN auger bits, w't 4½ lbs...per set $4.40

No. 32—11½×6¼×3 in., handsome hardwood box, containing one set 32½ quarters (4-16 to 16-16ths) IRWIN auger bits, w't 5½ lbs.....per set 7.00

No. 33—10¾×3¾×3½ in., handsome hardwood box, with 3 hinged compartments, round corners, containing one set 32½ quarters (4-16 to 16-16ths) RUSSELL JENNINGS' auger bits, w't 5 lbs.....per set 6.25

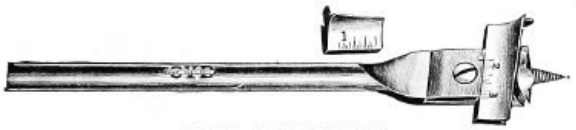
AUGER BIT ROLLS.



No. 3—18×11 in., canvas case only, leather bound, leather strap and buckle, w't per doz. 2 lbs.....per dozen $9.00

AUGERS AND AUGER BITS.

H B EXPANSIVE AUGER BITS.



"OUR VERY BEST."

Extra Fine Tool Steel, Gun Metal Finish, Polished Cutters, Carefully Tempered, With Two Cutters.

H B Small—½ to 1½ in. cut, w't per doz. 3 lbs. .....per dozen $18.00
H B Large—⅞ to 3 in. cut, w't per doz. 7½ lbs. .... " 26.00

The bits are made of an extra fine tool steel, carefully tempered cutters are accurately fitted to bits and are as high grade as can be made.

ONE IN A BOX. HALF DOZEN IN A CARTON.

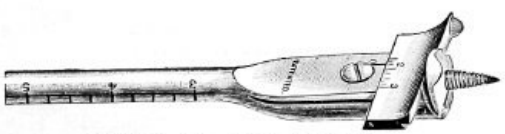
Extra Cutters.

Nos.	1	2	3	4	5	6
Cut.	½ to ⅞	⅞ to 1½	⅞ to 1¾	1¾ to 3	3 to 4	4 to 5 in.
Per dozen...	$3.00	3.75	5.25	6.00	9.00	12.00

Nos. 1 and 2 are adapted to small, Nos. 3 to 6 to large bits.

ONE DOZEN IN A BOX.

CLARK EXPANSIVE AUGER BITS.



Nickel Plated, with Two Cutters.

Small, ½ to 1½ in. cut, w't per doz. 6 lbs. .....per dozen $18.00
Large, ⅞ to 3 in. cut, w't per doz. 8 lbs. ..... " 26.00

ONE IN A BOX. HALF DOZEN IN A CARTON.

Extra Cutters.

Nos.	1	2	3	4	5	6
Cut.	½ to ⅞	⅞ to 1½	⅞ to 1¾	1¾ to 3	3 to 4	4 to 5 in.
Per dozen...	$3.00	3.75	5.25	6.00	9.00	12.00

Nos. 1 and 2 are adapted to small; Nos. 3 to 6 are adapted to large bits.

ONE DOZEN IN A BOX.

STEER'S EXPANSIVE AUGER BITS.

Nickel Plated, with Two Cutters.

Small, ⅝ to 1¾ in. cut, w't per doz. 4½ lbs. .....per dozen $22.00
Large, ⅞ to 3 in. cut, w't per doz. 8¼ lbs. ..... " 26.00

ONE IN A BOX. HALF DOZEN IN A CARTON.

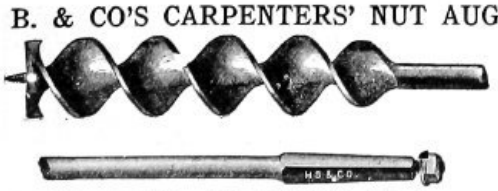
Extra Cutters.

Nos.	1	2	3	4
Cut.	⅝ to 1⅛	1⅛ to 1¾	⅞ to 1¾	1¾ to 3 in.
Per dozen.	$3.00	3.75	5.25	6.00

Nos. 1 and 2 are adapted to small; Nos. 3 and 4 are adapted to large bits.

ONE DOZEN IN A BOX.

H. S. B. & CO'S CARPENTERS' NUT AUGERS.



Solid Cast Steel, Brass Nut, Full Polished Shank.

Inches.	½	⅝	¾	⅞	1	1⅛	1¼
W't per doz.	4	5	5½	8	8½	11¼	12 lbs.
Per dozen.	$8.25	9.50	10.75	12.00	13.25	15.00	17.00

Inches.	1½	1¾	2	2¼	2½	3
W't per doz.	15	19	21½	27	30	37½ lbs.
Per dozen.	$22.00	26.00	30.00	40.00	50.00	90.00

HALF DOZEN IN A BOX.

BORING MACHINE AUGERS.

½ Inch Shank, 8½ Inch Twist, Will Fit Any Make of Machine.

Inches.	1	1¼	1½	2
W't per doz.	2½	3	3½	4½ lbs.
Per dozen.	$15.00	19.00	24.00	32.00

Sets of 18 quarters, 1, 1¼ and 2 in. .....per set $6.00

ONE-QUARTER DOZEN IN A BOX.

IRWIN BORING MACHINE AUGERS.

Solid Center Stem, Double Cutter, Extension Lips.

Inches.	1	1½	2
W't per doz.	8½	12½	16¼ lbs.
Per dozen.	$15.00	24.00	32.00

1 IN., ONE DOZEN; 1¼ IN., HALF DOZEN; 2 IN., QUARTER DOZEN IN A BOX.

SNELL'S CAR BITS.

Superior Cast Steel, Extension Lip, 12 Inch Twist.

Inches.	4-16	5-16	6-16	7-16	8-16	9-16	10-16
W't per doz.	1¼	1⅝	1⅞	2	2	2½	3 lbs.
Per dozen.	$9.00	9.00	9.00	10.00	11.25	12.50	13.75

Inches.	11-16	12-16	13-16	14-16	15-16	16-16	17-16
W't per doz.	3¼	3½	4	4¼	4½	5	5½ lbs.
Per dozen.	$15.00	16.25	17.50	19.00	20.50	22.00	24.00

Sets of 32½ quarters, one each 4-16 to 16-16, inclusive, in a wood box. .....per set $15.50

HALF DOZEN IN A BOX.

IRWIN CAR BITS.

Extra Cast Steel, Solid Center Stem, Double Cutter, Extension Lip.

Inches.	4-16	5-16	6-16	7-16	8-16	9-16	10-16
W't per doz.	1¼	1⅝	2	2	2¼	2½	3 lbs.
Per dozen.	$9.00	9.00	9.00	10.00	11.25	12.50	13.75

Inches.	11-16	12-16	13-16	14-16	15-16	16-16	17-16
W't per doz.	3¼	3½	4	4¼	4½	5	5¼ lbs.
Per dozen.	$15.00	16.25	17.50	19.00	20.50	22.00	24.00

HALF DOZEN IN A BOX.

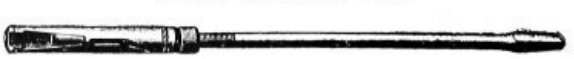
SLACK'S CAR BITS.

Best Quality Crucible Cast Steel, Hand Made, 9 Inch Twist.

Inches.	6-16	7-16	8-16	9-16	10-13	11-13	12-16
W't per doz.	2⅝	3	3½	4	5	5½	5¾ lbs.
Per dozen.	$8.40	8.40	8.40	9.45	10.50	11.55	12.60

ONE DOZEN IN A BOX.

BIT EXTENSIONS.



Inches.	12	15	18	21	24
W't per doz.	6	7½	8¼	9	11 lbs.
Per dozen.	$18.00	18.00	18.00	18.00	21.00

ONE IN A BOX.

AUGER BITS AND AUGERS.

SNELL'S SHIP AUGER BITS.

Superior Cast Steel, with Screw, 5 Inch Twist.

Inches	4-16	5-16	6-16	7-16	8-16	9-16	10-16
W't per doz.	1	1½	2	2½	3	3¼	3¾ lbs.
Per dozen	$6.00	6.00	6.00	6.00	6.00	7.50	7.50

Inches	11-16	12-16	13-16	14-16	15-16	16-16
W't per doz.	4	4½	5	5½	6½	8 lbs.
Per dozen	$9.00	9.00	10.50	10.50	12.00	12.00

HALF DOZEN IN A BOX.

SNELL'S SHIP AUGER PATTERN CAR BITS.

Superior Cast Steel, with Screw, Full Polished, 12 Inch Twist.

Inches	6-16	7-16	8-16	9-16	10-16	11-16	12-16
W't per doz.	3	4	5	6	7	7¾	9 lbs.
Per dozen	$9.00	9.50	10.00	10.50	11.00	11.50	12.00

Inches	13-16	14-16	15-16	16-16	17-16	18-16
W't per doz.	10¼	11½	13	14	15	18½ lbs.
Per dozen	$12.50	13.00	14.00	14.50	15.50	16.00

HALF DOZEN IN A BOX.

SNELL'S SHIP AUGERS.

With Screw.

Without Screw.

Superior Cast Steel, Japanned Inside.

Inches	4-16	6-16	7-16	8-16	9-16	10-16	11-16
Twist	8	8½	9	9½	10½	11½	12 in.
W't per doz.	1¼	2¼	3	4	6	7½	8 lbs.
With Screw, per dozen	$7.50	7.50	7.50	7.50	9.00	9.00	10.50
Without Screw, "		7.50	7.50	7.50	9.00	9.00	10.50

Inches	12-16	13-16	14-16	15-16	16-16	17-16
Twist	12	12½	12½	13	13	13½ in.
W't per doz.	9	9¼	10¾	12	14	18 lbs.
With Screw...per dozen	$10.50	12.00	12.00	13.50	13.50	15.00
Without Screw "	10.50	12.00	12.00	13.50	13.50	15.00

Inches	18-16	19-16	20-16	24-16	28-16	32-16
Twist	13½	14	14	14	14	15 in.
W't per doz.	20¾	23	26	35	42	52 lbs.
With Screw...per dozen	$15.00	16.50	16.50	21.00	25.50	38.00
Without Screw "	15.00	16.50	16.50			

4-16 TO 16-16THS, HALF DOZEN; BALANCE, QUARTER DOZEN IN A BOX.

FORD'S SHIP AUGERS.

Superior Cast Steel, Full Polished.

Inches	4-16	6-16	7-16	8-16	9-16	10-16
Twist	8	11	12	12	12	12 in.
W't per doz.	1⅛	3¼	3¾	4½	6	7 lbs.
With screw, per doz.	$7.50	7.50	7.50	7.50	9.00	9.00
Without screw "	7.50	7.50	7.50	7.50	9.00	9.00

Inches	11-16	12-16	13-16	14-16	15-16	16-16
Twist	12	12	12	12	12	12 in.
W't per doz.	8¼	9¼	10¼	12¼	13¾	15½ lbs.
With screw, per doz.	$10.50	10.50	12.00	12.00	13.50	13.50
Without screw, "	10.50	10.50	12.00	12.00	13.50	13.50

Inches	17-16	18-16	19-16	20-16	24-16
Twist	12	12	12	12	12 in.
W't per doz.	17½	19½	20½	22	30½ lbs.
With screw, per doz.	$15.00	15.00	16.50	16.50	21.00
Without screw, "	15.00	15.00	16.50	16.50	21.00

HALF DOZEN IN A BOX.

FORD'S SHIP AUGER PATTERN CAR BITS

Superior Cast Steel, with Screw, Full Polished, 12 Inch Twist.

Inches	6-16	7-16	8-16	9-16	10-16	11-16	12-16
W't per doz.	3	3¾	4½	5	6	7½	9½ lbs.
Per dozen	$9.00	9.50	10.00	10.50	11.00	11.50	12.00

Inches	13-16	14-16	15-16	16-16	17-16	18-16
W't per doz.	10½	11½	12	16	17	17½ lbs
Per dozen	$12.50	13.00	14.00	14.50	15.50	16.00

HALF DOZEN IN A BOX.

DOWEL BITS.

New Jennings, 3¼ Inches Long.

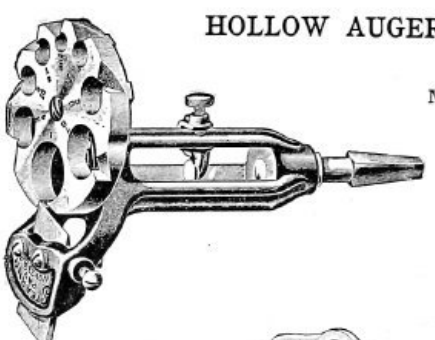
Inch	1-4	5-16	3-8
Per dozen	$3.50	3.50	3.80

ONE DOZEN IN A BOX. WEIGHT 10 OZ.

DOWEL SHARPENERS.

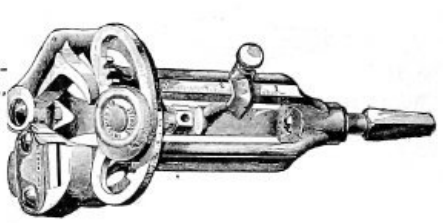
No. 22—STANLEY'S, improved, w't per doz. 1 lb.....per dozen $3.00
This tool is the reverse of the countersink, and can be sharpened with equal ease. By its use dowel pins can be sharpened rapidly and uniformly.
HALF DOZEN IN A BOX.

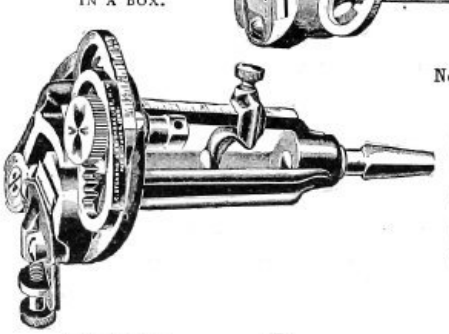
HOLLOW AUGERS.



No. 4—BONNEY'S adjustable, nickel plated top, cuts ⅜ to 1 in., w't per doz. 20 lbs.,
per dozen $30.00
ONE-SIXTH DOZEN IN A BOX

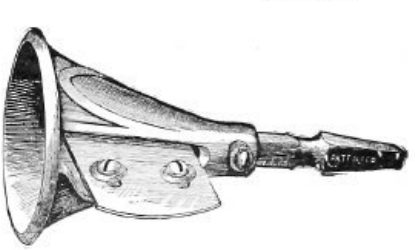
No. 3—STEARNS', adjustable, cuts ¼ to 1¼ in., w't per doz. 21 lbs.,
per dozen.....$60.00
ONE-SIXTH DOZEN IN A BOX.





No. 33 — STEARNS', adjustable to any size from ¼ to 1¼ in. in diameter and to a depth of 3 in., japanned and painted red, polished edges, nickel plated thumb screws, w't per doz. 21 lbs.
per dozen. . . . $72.00
ONE-SIXTH DOZEN IN A BOX.

SPOKE POINTERS.



No. 1 — STEARNS', with graduated adjustable shank and cast steel adjustable knife, w't per doz. 15½ lbs
per dozen $9.00
HALF DOZEN IN A BOX.

BRACE AND COUNTERSINK BITS.

GIMLET.

"OUR VERY BEST."

Double Cut, Hammer Forged from Best Crucible Steel, Hardened, Tempered and Polished.

No. 21 OVB—Inch	4-32	5-32	6-32	7-32
Per dozen	$1.50	1.65	1.80	2.00
No. 21 OVB—Inch	8-32	9-32	10-32	Assorted
Per dozen	$2.20	2.40	2.60	2.10

Each bit is carefully tested at factory and is fully warranted. Made exact size as listed.

ONE DOZEN IN A BOX. AVERAGE WEIGHT 8 OZ.

"OUR VERY BEST."

German Pattern, Forged Steel, Straw Colored.

No. 30 OVB—Inch	2-32	3-32	4-32	5-32	6-32	7-32
Per dozen	$1.70	1.70	1.70	1.70	1.70	1.70
No. 30 OVB—Inch	8-32	9-32	10-32	12-32	Assorted 2 to 8	
Per dozen	$1.70	1.80	2.00	2.20	1.70	

ONE DOZEN IN A BOX. AVERAGE WEIGHT 12 OZ. PER DOZEN.

Double Cut, Cast Steel, Polished.

No. 10—Sizes	0	1	2	3
Inch	1/8	5/32	3/16	7/32
Per dozen	$0.65	.70	.75	.80
No. 10—Sizes	4	5	6	Assorted
Inch	1/4	9/32	5/16	1/8 to 5/16
Per dozen	$0.85	.90	.95	.80

ONE DOZEN IN A BOX. AVERAGE WEIGHT 8 OZ. PER DOZEN.

German Pattern, Forged Steel, Straw Colored.

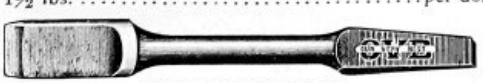
No. 25—Inch	2-32	3-32	4-32	5-32	6-32
Per dozen	$1.25	1.25	1.25	1.25	1.25
No. 25—Inch	7-32	8-32	9-32	10-32	Assorted
Per dozen	$1.25	1.25	1.35	1.50	1.25

ONE DOZEN IN A BOX. AVERAGE WEIGHT 12 OZ. PER DOZEN.

SCREW DRIVER BITS.

"OUR VERY BEST."

No. 17 OVB—Assorted 3/16 to 1/2 in., round shank, hammer forged from extra fine tool steel, polished, length 4¾ in., w't per doz., 1½ lbs. ..... per dozen $3.00



"OUR VERY BEST."

No. 7 OVB—Assorted 5/16 to 7/16 in., round shank, hammer forged tool steel, straw colored, extra quality, w't per doz. 1 lb... per dozen $2.70

ONE DOZEN IN A BOX.

No. 127—Assorted ¼ and 5/16 in., round shank, cast steel, polished, extra quality, w't per doz. 1 lb. ..... per dozen $1.00

No. 27—Assorted 5/16 to 7/16 in., square shank, cast steel, polished, extra quality, w't per doz. 1¼ lbs. ..... per dozen $2.00

No. 341—German, slotted, 3/16 and ½ in., square shank, cast steel, straw colored, w't per doz. 1½ lbs. ..... per dozen $1.30

COUNTERSINK BITS.

"OUR VERY BEST."

No. 35 OVB—½ in., snail head, for wood, hammer forged from finest tool steel, straw colored, w't per doz. ¾ lb.... per dozen $3.00

ONE DOZEN IN A BOX.

No. 32—AMERICAN, snail head, cast steel, straw colored, round shank, for wood, w't per doz. 1 lb. ..... per dozen $1.30

ONE DOZEN IN A BOX.

"OUR VERY BEST."

Rose Head, for Metal, Hammer Forged from Finest Tool Steel, Milled Teeth, Straw Colored.

No. 45 OVB—1½ in., w't per doz. ¾ lb., ... per dozen $3.50
No. 45 OVB—¾ in., w't per doz. 1½ lb. ..... " 4.25

ONE DOZEN IN A BOX.

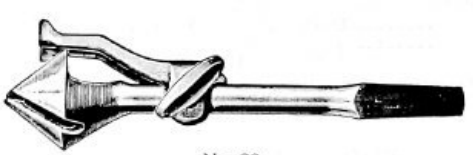
No. 30—AMERICAN, rose head, cast steel, polished, round shank, for metal, w't per doz. 1 lb. ..... per dozen $1.30

ONE DOZEN IN A BOX.

No. 28.

No. 28—AMERICAN, flat, cast steel, straw colored, round shank, for metal, w't per doz. 1½ lbs. ..... per dozen $1.30
No. 49—BUCK BROS.', flat, cast steel, polished, square shank, for metal, w't per doz. 1½ lbs. ..... per dozen 5.00

ONE DOZEN IN A BOX.



No. 20.

No. 18—WHEELER'S, cast steel, polished, round shank, for wood, *without gauge*, w't per doz. 1 lb. ..... per dozen $3.00
No. 20—WHEELER'S, *with gauge*, otherwise same as No. 18, w't per doz. 1¼ lbs. ..... per dozen 4.50

ONE DOZEN IN A BOX.

COUNTERSINK GIMLET.

No. 12—Cast steel, straw colored, assorted sizes ..... per dozen $2.50

ONE DOZEN IN A BOX. WEIGHT 12 OZ. PER DOZEN.

"OUR VERY BEST."

No. 5 OVB—Sizes	0	1	2	3	Assorted 0 to 3
For screws	¾	1	1¼	1½	¾ to 1½ in.
Per dozen	$3.00	3.00	3.00	3.00	3.00

ONE DOZEN IN A BOX. AVERAGE WEIGHT 8 OZ. PER DOZEN.

BITS AND GIMLETS.

REAMER BITS.

"OUR VERY BEST."

Square, Hammer Forged from Finest Tool Steel, Straw Colored.

No. 1 OVB —½ in., w't per doz. 2 lbs., ... per dozen $3.50
No. 1 OVB —¾ in., w't per doz. 5½ lbs., ... " 4.60

ONE DOZEN IN A BOX.

No. 342—German, square, cast steel, straw colored, w't per doz. 1¼ lbs..... per dozen $1.30
No. 47—Buck Bros.', square, cast steel, polished, w't per doz. 2 lbs..... per dozen 4.70

ONE DOZEN IN A BOX.

"OUR VERY BEST."

Octagon, Hammer Forged from Finest Tool Steel, Straw Colored.

No. 2 OVB —½ in., w't per doz. 1¾ lbs., ... per dozen $3.50

ONE DOZEN IN A BOX.

No. 344—German, octagon, cast steel, straw colored, w't per doz. 1¼ lbs..... per dozen $1.30

ONE DOZEN IN A BOX.

No. 343—German, half round, cast steel, straw colored, w't per doz. 1 lb..... per dozen $1.30
No. 48—Buck Bros.', half round, cast steel, polished, w't per doz. 1 lb..... per dozen 5.20

ONE DOZEN IN A BOX.

Lightning Taper, Round Shank, Fine Steel, for Bit Brace Use.

No. 345—Inch	1-4	5-16	3-8	7-16	1-2	9-16
W't per doz.	½	1	1¼	1¾	2¼	2¾ lbs.
Each	$0.45	.50	.55	.60	.70	.80
No. 345—Inch	**5-8**	**11-16**	**3-4**	**7-8**	**1**	
W't per doz.	3¾	4¾	6	8	10¼	lbs.
Each	$0.90	1.05	1.20	1.60	2.00	

CENTER BITS.

Cast Steel, Straw Colored, Square Shank.

Inch	1-4	3-8	1-2	5-8	3-4
W't per doz.	½	½	¾	1	1 lb.
Per dozen	$1.20	1.20	1.20	1.20	1.20
Inches	**7-8**	**1**	**1 1-8**	**1 1-4**	**1 3-8**
W't per doz.	1¼	1½	1¾	2	2¼ lbs.
Per dozen	$1.20	1.30	1.50	1.80	1.95
Inches	**1 1-2**	**1 5-8**	**1 3-4**	**1 7-8**	**2**
W't per doz.	2¼	2¾	3	3¼	3½ lbs.
Per dozen	$2.25	2.70	3.20	3.60	4.20

ONE DOZEN IN A BOX

WOOD HEAD GIMLETS.

No. 200.

No. 1 OVB

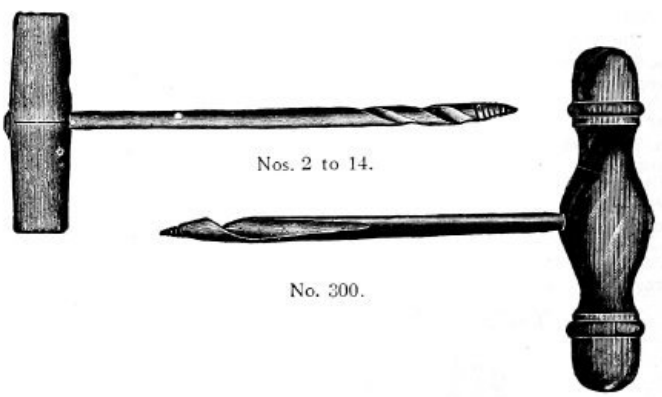
"OUR VERY BEST."

No. 1 OVB —German Pattern, bit point, hammer forged from best tool steel, oil tempered, cocobolo handle, assorted 4 to 8/32 in., w't per doz. 5 oz..... per dozen $2.00

ONE DOZEN IN A BOX.

No. 200—Rosewood handle, sizes assorted, 1 to 4, w't per gro. 7 lbs., per dozen..... 1.70

THREE DOZEN IN A BOX.



Nos. 2 to 14.

No. 300.

No. 300—Excelsior point, rosewood handle, sizes assorted, 1 to 6, w't per doz. 1 lb..... per dozen $2.30

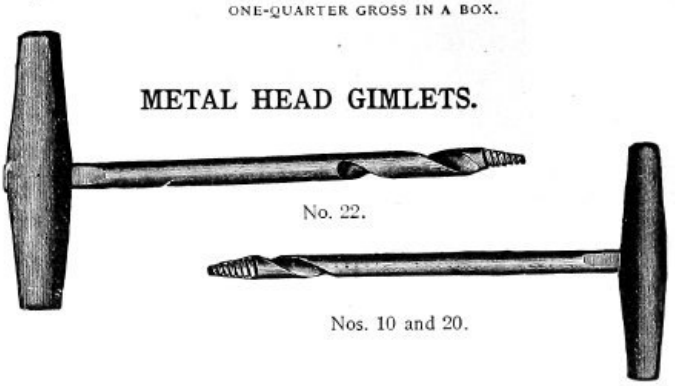
ONE DOZEN IN A BOX.

Double Cut.

No. 2—Beech handle, size 2 (small) w't per gro. 5 lbs... per gross $7.50
No. 3—Beech handle, size 3 (medium), w't per gro. 5 lbs " 8.00
No. 4—Beech handle, size 4 (large), w't per gro. 8 lbs.... " 8.50
No. 14—Beech handle, sizes assorted, 1 to 4, w't per gro. 6 lbs., per gross..... 8.00

ONE-QUARTER GROSS IN A BOX.

METAL HEAD GIMLETS.



No. 22.

Nos. 10 and 20.

No. 22—Spike, assorted sizes, 2, 3 and 4, small, medium and large, w't per gro. 18 lbs..... per gross $9.50
No. 10—Nail, assorted sizes, 1, 2 and 3, small, medium and large, w't per gro. 7 lbs..... per gross 4.00
No. 20—Nail, assorted sizes, 2 and 3, medium and large, w't per gro. 8½ lbs..... per gross 4.50

NO. 22, ONE-QUARTER GROSS, BALANCE, HALF GROSS IN A BOX.

DRILL CHUCKS AND TWIST DRILLS.

TWIST DRILLS.

"OUR VERY BEST."

Bit Stock, for Metal or Wood, 3-16×3-8×1 1-4 Inch Shank.

No. 8A O V B	**1-16**	**3-32**	**1-8**	**5-32**	**3-16**	**7-32** in.
Length	3 1/8	3 1/2	3 7/8	4 1/4	4 9/16	4 7/8 in.
W't per doz	5/8	5/8	5/8	11/16	3/4	7/8 lb.
Per dozen	$1.50	1.65	2.10	2.60	3.10	3.60
No. 8A O V B	**1-4**	**9-32**	**5-16**	**11-32**	**3-8**	**13-32** in.
Length	5 3/16	5 1/2	5 3/4	5 7/8	6	6 1/4 in.
W't per doz	1	1 1/8	1 1/4	1 3/8	1 5/8	1 7/8 lbs.
Per dozen	$4.10	4.70	5.40	6.30	7.20	8.00
No. 8A O V B	**7-16**	**15-32**	**1-2**	**9-16**	**5-8**	**3-4** in.
Length	6 1/2	6 13/16	7	7 5/8	8	8 in.
W't per doz	2 1/8	2 3/8	2 7/8	3 7/8	4 1/2	6 lbs.
Per dozen	$8.80	9.60	10.30	14.35	16.15	19.75

No. 8A O V B—In sets of 9, one each 1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8 in. ..... per set $2.75

"OUR VERY BEST."

Bit Stock, Syracuse Pattern, for Wood, 3-16×3-8×1 1-4 Inch Shank.

No. 9A O V B	**2**	**3**	**4**	**5**	**6-32** in.
Length	3 1/2	4	4 1/2	5	5 1/2 in.
W't per doz	1/2	1/2	9/16	5/8	3/4 lb.
Per dozen	$1.60	1.60	1.60	1.75	2.00
No. 9A O V B	**7**	**8**	**9**	**10**	**11-32** in.
Length	6	6 1/2	7	7 1/2	7 3/4 in.
W't per doz	7/8	1	1 1/8	1 3/8	1 7/16 lbs.
Per dozen	$2.50	3.00	3.50	3.50	4.00
No. 9A O V B	**12**	**13**	**14**	**15**	**16-32** in.
Length	8	8 1/4	8 1/2	8 3/4	9 in.
W't per doz	1 5/8	1 11/16	2 1/4	2 1/2	2 3/4 lbs.
Per dozen	$4.00	4.50	4.50	5.00	5.00

TWIST DRILL BITS IN SETS.

"OUR VERY BEST."

Wood Pocket Case, 7/8×3 1/2×8 3/4 Inches, Cloth Covered in Imitation Leather.

No. 3A O V B—For wood, one each 4, 5, 6, 7, 8, 10 and 1/2 in., w't 7/8 lb. ..... per set $2.50

No. 5A O V B—For iron, one each 4, 5, 6, 7, 8, 10 and 1/2 in., w't 3/4 lb. ..... per set 2.50

TWIST DRILL BITS.

Standard Syracuse Pattern, Bit Stock, for Wood.

No. 109A (9)—Inch	**2-32**	**3-32**	**4-32**	**5-32**	**6-32**	**7-32**	**8-32**	**9-32**
W't per doz	1/2	1/2	5/8	5/8	3/4	7/8	1 1/8	1 3/8 lbs.
Per dozen	$1.60	1.60	1.60	1.75	2.00	2.50	3.00	3.50
No. 109A (9)—Inch	**10-32**	**11-32**	**12-32**	**13-32**	**14-32**	**15-32**	**16-32**	
W't per doz	1 1/2	1 3/4	2	2 1/4	2 1/2	2 5/8	2 3/4 lbs.	
Per dozen	$3.50	4.00	4.00	4.50	4.50	5.00	5.00	

ONE DOZEN IN A BOX.

TWIST DRILL BITS IN SETS.

Wood Pocket Case, 7/8×3 1/2×8 3/4 Inches, Cloth Covered in Imitation of Leather.

No. 23—For wood, one each 4-32, 5-32, 6-32, 7-32, 8-32, 10-32 and 12-32ds, w't 1 lb. ..... per set $2.50

No. 25—For iron, one each 4-32, 5-32, 6-32, 7-32, 8-32, 10-32 and 12-32ds, w't 1 lb. ..... per set 2.50

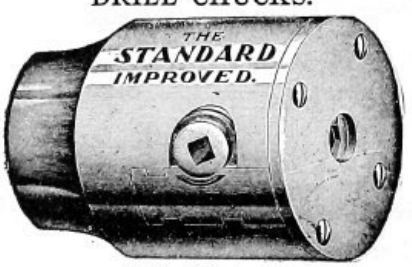
EXTRA LENGTH WOOD BORING BRACE DRILL BITS.

No. 109B—Diam.	**5-16**	**5-16**	**3-8**	**3-8**	**10-16**	**11-16** in.
Length	18	24	18	24	18	18 in.
W't per doz	3 1/2	4 1/4	4 3/4	5 3/4	6	6 1/2 lbs.
Per dozen	$7.50	9.50	8.00	10.00	12.00	13.00

These drills will go through plastering, brick walls, etc., and can be sharpened when dull.

ONE DOZEN IN A BOX.

DRILL CHUCKS.



Polished Steel.

Nos.	**0**	**1**	**2**
Diam.	1 1/16	2 3/16	2 7/8 in.
Length	2 3/32	2 1/16	2 3/8 in.
Capacity	0 to 3/8	0 to 1/2	0 to 3/4 in.
Weight	1	2 3/4	6 lbs.
Each	$6.50	7.00	8.00

This Chuck has no projecting jaws, and the plate prevents larger work than the chuck is designed for being used. It is very powerful and guaranteed to hold true and not injure the shank of the drills. It holds round and square work. The jaws are guided by three strong gibs, and the screws are larger than in any chuck of this description heretofore made. The jaws and screws are made from cast steel carefully tempered. The hole in the hub is made to fit taper arbor.

ONE IN A BOX.

TAPER SOCKETS.

For Use with No. 104 Taper Drills.

Nos.	**1**	**2**	**3**	**4**
Diam. of shank.	1 1/8	1 1/4	1 1/2	1 3/4 in.
Length	7	8	10	13 in.
For drills	1/4 to 13/32	5/8 to 29/32	15/16 to 1 1/4	1 5/32 to 2 in.
Weight	2 1/2	3	5	8 1/2 lbs.
Each	$1.20	1.80	2.50	4.00

TWIST DRILLS.

BIT STOCK, FOR WOOD OR IRON.

No. 108 (109)	1-16	3-32	1-8	5-32	3-16	7-32	in.
W't per doz.	½	5/8	11/16	¾	⅞	1	lbs.
Per dozen	$1.50	1.65	2.10	2.60	3.10	3.60	

No. 108 (109)	1-4	9-32	5-16	11-32	3-8	13-32	in.
W't per doz.	1 1/16	1⅛	1¼	1⅜	1½	1⅝	lbs.
Per dozen	$4.10	4.70	5.40	6.30	7.20	8.00	

No. 108 (109)	7-16	15-32	1-2	9-16	5-8	3-4	in.
W't per doz.	2	2⅜	2¾	2⅞	3	3¼	lbs.
Per dozen	$8.80	9.60	10.30	14.35	16.15	19.75	

ONE DOZEN IN A BOX.

Sets of nine, one each 1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, and 3/8 in., w't per set 2½ lbs. ..... per set $2.75

STUBBS' STEEL WIRE GAUGE, STRAIGHT SHANK.

No. 107—Gauge.	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	
Length	4	3 1/16	3½	3¾	3 1/16	2 13/16	in.
Per dozen	$2.35	2.25	2.10	1.95	1.75	1.55	

No. 107—Gauge.	31 to 35	36 to 40	41 to 45	46 to 60	61 to 65	
Length	2⅝	2 7/16	2¼	2 1/16 to 1¾	1½	in.
Per dozen	$1.40	1.25	1.10	.95	.90	

No. 9—Mounted sets, 30 drills, alternate sizes, from 1 to 59 gauge, w't per set 2 lbs. ..... per set $4.30

No. 8—Mounted sets, 60 drills, all sizes from 1 to 60 gauge, w't per set 2¼ lbs. ..... per set 8.10

No. 7—Mounted sets, 65 drills, all sizes from 1 to 60 gauge and ¼, 9/32, 5/16, 11/32 and 3/8 in., w't per set 2½ lbs. ..... per set 9.90

PATENT INCREASE, STRAIGHT SHANK.

No. 104B (104)	17-32	9-16	19-32	5-8	21-32	11-16	in.
Length	8	8¼	8½	8¾	9	9¼	in.
Each	$1.10	1.20	1.30	1.40	1.50	1.60	

No. 104B (104)	23-32	3-4	25-32	13-16	27-32	in.
Length	9½	9¾	9⅞	10	10¼	in.
Each	$1.70	1.85	2.00	2.15	2.30	

No. 104B (104)	7-8	29-32	15-16	31-32	1	in.
Length	10½	10⅝	10¾	10⅞	11	in.
Each	$2.45	2.60	2.75	2.90	3.00	

JOBBERS' AND MACHINISTS', STRAIGHT SHANK.

No. 105	1-16	5-64	3-32	7-64	1-8	9-64	in.
Length	2½	2⅝	2¾	2⅞	3	3⅛	in.
W't per doz.	1/16	1/16	1/16	⅛	⅛	⅛	lb.
Per dozen	$1.00	1.10	1.20	1.30	1.45	1.60	

No. 105	5-32	11-64	3-16	13-64	7-32	15-64	in.
Length	3¼	3⅜	3½	3⅝	3¾	3⅞	in.
W't per doz.	¼	¼	¼	⅜	⅜	½	lb.
Per dozen	$1.80	2.00	2.20	2.40	2.65	2.90	

No. 105	1-4	17-64	9-32	19-64	5-16	21-64	in.
Length	4	4⅛	4¼	4⅜	4½	4⅝	in.
W't per doz.	⅝	¾	⅞	1	1	1⅛	lbs.
Per dozen	$3.15	3.40	3.65	3.90	4.20	4.50	

No. 105	11-32	23-64	3-8	25-64	13-32	27-64	in.
Length	4¾	4⅞	5	5⅛	5¼	5⅜	in.
W't per doz.	1⅜	1⅞	1½	1⅝	1¾	1⅞	lbs.
Per dozen	$4.80	5.10	5.40	5.70	6.00	6.40	

No. 105	7-16	29-64	15-32	31-64	1-2	in.
Length	5½	5⅝	5¾	5⅞	6	in.
W't per doz.	2	2¼	2½	2⅞	3	lbs.
Per dozen	$6.80	7.20	7.50	7.75	8.00	

No. 6—Mounted sets, 15 drills, alternate sizes from 1/16 to ½ in., w't per set 2 lbs. ..... per set $5.40

No. 5—Mounted sets, 29 drills, all sizes from 1/16 to ½ in., w't per set 3 lbs. ..... per set 10.00

TAPER SHANK, PATENT INCREASE.

No. 104 (102)	1-4	9-32	5-16	11-32	3-8	13-32	7-16	15-32	in.
Length	6⅛	6¼	6⅜	6½	6¾	7	7¼	7½	in.
Each	$0.60	.65	.70	.75	.80	.85	.90	.95	

No. 104 (102)	1-2	17-32	9-16	19-32	5-8	21-32	11-16	23-32	in.
Length	7¾	8	8¼	8½	8¾	9	9¼	9½	in.
Each	$1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	

No. 104 (102)	3-4	25-32	13-16	27-32	7-8	29-32	15-16	31-32	in.
Length	9¾	9⅞	10	10¼	10½	10⅝	10¾	10⅞	in.
Each	$1.85	2.00	2.15	2.30	2.45	2.60	2.75	2.90	

No. 104 (102)	1	1 1-32	1 1-16	1 3-32	1 1-8	1 5-32	1 3-16	1 7-32	in.
Length	11	11⅛	11¼	11⅜	11¾	11⅞	12	12⅛	in.
Each	$3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	

No. 104 (102)	1 1-4	1 9-32	1 5-16	1 11-32	1 3-8	1 13-32	1 7-16	1 1-2	in.
Length	12½	14⅛	14¼	14⅜	14½	14⅝	14¾	15	in.
Each	$4.50	4.65	4.80	5.00	5.20	5.40	5.60	6.00	

No. 104 (102)	1 9-16	1 5-8	1 11-16	1 3-4	1 13-16	1 7-8	1 15-16	2	in.
Length	15¼	15½	15¾	16	16¼	16½	16½	16½	in
Each	$6.60	7.20	7.80	8.40	8.80	9.20	9.50	9.80	

TWIST DRILLS.

BLACKSMITHS', FOR NOS. 1 AND 2 PRENTICE DRILL PRESSES.

Shanks 2½ Inches Long, ½ Inch in Diameter.

No. 112	3-16	7-32	1-4	9-32	5-16	11-32	3-8	in.
Length	5½	6	6	6	6	6	6	in.
Per dozen	$0.50	.55	.60	.65	.70	.73	.75	

No. 112	13-32	7-16	15-32	1-2	17-32	9-16	in.
Length	6	6	6	6	6	6	in.
Per dozen	$0.78	.80	.83	.85	.88	.90	

No. 112	19-32	5-8	21-32	11-16	23-32	3-4	in.
Length	6	6	6	6	6	6	in.
Per dozen	$0.95	1.05	1.10	1.15	1.20	1.25	

BLACKSMITHS', FOR COE'S AND NO. 3 PRENTICE DRILL PRESSES.

Shanks 2¼ Inches Long, 41-64 Inch in Diameter.

No. 110—Diam.	1-8	5-32	3-16	7-32	1-4	9-32	in.
Length	4⅞	5⅝	6	6	6	6	in.
Each	$0.55	.58	.60	.65	.70	.73	

No. 110—Diam.	5-16	11-32	3-8	13-32	7-16	15-32	in.
Length	6	6	6	6	6	6	in
Each	$0.75	.80	.85	.88	.90	.93	

No. 110—Diam.	1-2	17-32	9-16	19-32	5-8	21-32	in
Length	6	6	6	6	6	6	in
Each	$0.95	.98	1.00	1.03	1.05	1.10	

No. 110—Diam.	11-16	23-32	3-4	25-32	13-16	27-32	in
Length	6	6	6	6	6	6	in
Each	$1.15	1.20	1.25	1.30	1.35	1.40	

No. 110—Diam.	7-8	29-32	15-16	31-32	1	in
Length	6	6	6	6	6	in.
Each	$1.45	1.55	1.60	1.70	1.80	

TAPS.

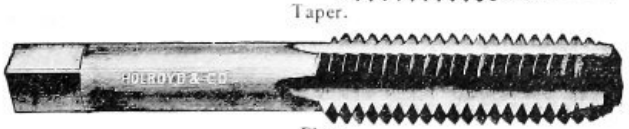
MACHINISTS' HAND TAPER.

V Threads.

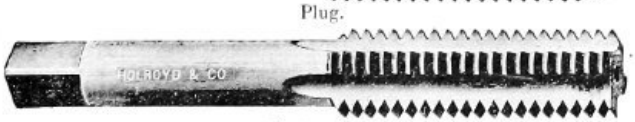
1-8 in., 32 threads, right hand, w't ¼ lb. . . . . each $0.35
3-16 in., 32 threads, right hand, w't ½ lb. . . . . " .35

MACHINISTS' HAND.

Taper.



Plug.



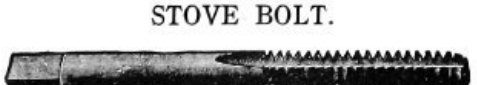
Bottoming.

Right Hand.

Diameter	1-4	5-16	3-8	7-16	1-2 in.
Threads to inch	20	16	18	14	12
Weight	½	¾	¾	1¼	1¾ oz.
Each	$0.45	.50	.55	.60	.70
Per set	1.35	1.50	1.65	1.80	2.10
Diameter	**9-16**	**5-8**	**3-4**	**7-8**	**1 in.**
Threads to inch	12	11	10	9	8
Weight	2¼	3	5	7½	10 oz.
Each	$0.80	.90	1.20	1.60	2.00
Per set	2.40	2.70	3.60	4.80	6.00

When ordering, state whether single or set is wanted.

STOVE BOLT.



3-16 in., 24 threads, w't ½ oz. . . . . each $0.35
1-4 in., 18 threads, w't ¾ oz. . . . . " .38
5-16 in., 18 threads, w't 1 oz. . . . . " .38

MACHINE OR NUT.

Diameter	1-4	5-16	3-8	1-2	5-8	3-4	7-8	1	in
Threads to inch	20	18	16	12	11	10	9	8	
Length	5	5½	6½	7½	8½	9½	10½	11½	in.
Weight	1	1½	2½	3½	7	11½	17	23	oz.
Each	$0.60	.70	.80	1.00	1.30	1.60	2.10	2.80	

MACHINE SCREW.

No. of gauge, 1½	2	3	4	5	6	8	9
Threads to in.	56	48	32, 36, 40, 48	32, 40	30, 32, 36	30, 32	24
Each	$0.35	.35	.35	.35	.35	.35	.35

No. of gauge	10	12	14	16	18	20	24
Threads to in.	24, 32	24, 28	20, 24	18	18	16, 18	16
Each	$0.35	.35	.38	.38	.38	.45	.45

All of the above numbers weigh less than an ounce.

BLACKSMITHS' TAPER.

1-4 in., 18, 20, 22, 24, 26 thread right hand. . . . . each $0.30
5-16 in., 16, 18, 20, 22 thread right hand. . . . . " .30
3-8 in., 12, 14, 16, 18 thread right hand. . . . . " .35
7-16 in., 12, 14, 16, 18 thread right hand, 14 left hand. . . . . " .40
1-2 in., 10, 12, 14, 16 thread right hand, 12, 14 left hand. . . . " .40
9-16 in., 12, 14 thread right hand, 12 left hand. . . . . " .50
5-8 in., 10, 12, 14 thread right hand, 10, 12 left hand. . . . . " .50
3-4 in., 9, 10, 12 thread right hand, 10, 12 left hand. . . . . " .65

Specify size thread when ordering.

RIGHT HAND, SIX IN A BOX; LEFT HAND, FOUR IN A BOX.

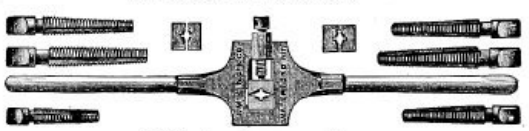
STOCKS AND DIES, PIPE TAPS AND REAMERS.

STOCKS AND DIES.

With Set Screw at End.

No. 21 —3 sets of dies, 4 taps, one each $\frac{5}{8}\times12$, $\frac{3}{4}\times12$, 1×9 right hand, 1×9 left hand, w't 10 lbs.....per set $6.00
No. 23 —3 sets of dies, 3 taps, one each $\frac{1}{2}\times14$, $\frac{3}{4}\times10$, 1×9 right hand, w't $8\frac{1}{2}$ lbs.....per set 5.00
No. 32 —4 sets of dies, 4 taps, one each $\frac{1}{2}\times14$, $\frac{3}{4}\times10$ right hand, $\frac{1}{2}\times14$, $\frac{3}{4}\times10$ left hand, w't 6 lbs.....per set 5.00
No. 34 —3 sets of dies, 3 taps, one each $\frac{7}{16}\times16$, $\frac{9}{16}\times12$, $\frac{3}{4}\times10$ right hand, w't 5 lbs.....per set 4.50
No. 37B—3 sets of dies, 6 taps, one each $\frac{1}{4}\times18$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times16$, $\frac{1}{2}\times14$ and $\frac{5}{8}\times14$ right hand, w't $3\frac{1}{2}$ lbs.....per set 4.25
No. 37 —3 sets of dies, 6 taps, one each $\frac{1}{4}\times22$, $\frac{5}{16}\times22$, $\frac{3}{8}\times18$, $\frac{7}{16}\times18$, $\frac{1}{2}\times14$, $\frac{5}{8}\times14$ right hand, w't 4 lbs.....per set 4.25
No. 37A—3 sets of dies, 6 taps, one each $\frac{1}{4}\times16$, $\frac{5}{16}\times16$, $\frac{3}{8}\times14$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times12$, w't $3\frac{1}{4}$ lbs.....per set 4.25
No. 39 —3 sets of dies, 4 taps, one each $\frac{5}{16}\times22$, $\frac{7}{16}\times18$, $\frac{1}{2}\times14$, $\frac{5}{8}\times14$ right hand, w't 2 lbs.....per set 4.00
No. 41 —3 sets of dies, 6 taps, one each $\frac{3}{16}\times26$, $\frac{1}{4}\times26$, $\frac{1}{4}\times20$, $\frac{5}{16}\times20$, $\frac{7}{16}\times16$, $\frac{1}{2}\times16$ right hand, w't 2 lbs.....per set 3.25
No. 42 —3 sets of dies, 6 taps, one each $\frac{1}{4}\times20$, $\frac{5}{16}\times20$, $\frac{7}{16}\times14$, $\frac{1}{2}\times14$ right hand, $\frac{7}{16}\times14$, $\frac{1}{2}\times14$ left hand, w't $2\frac{1}{2}$ lbs..per set 3.50
No. 43 —3 sets of dies, 4 taps, one each $\frac{1}{4}\times26$, $\frac{5}{16}\times20$, $\frac{7}{16}\times16$, $\frac{1}{2}\times16$ right hand, w't 2 lbs.....per set 3.00
No. 44 —3 sets of dies, 4 taps, one each $\frac{1}{4}\times20$, $\frac{5}{16}\times20$, $\frac{1}{2}\times14$ right hand, $\frac{1}{2}\times14$ left hand, w't 2 lbs.....per set 3.00
No. 53 —4 sets of dies, 4 taps, one each $\frac{1}{8}\times32$, $\frac{5}{16}\times24$, $\frac{1}{4}\times20$, $\frac{5}{16}\times16$ right hand, w't 1 lb.....per set 2.75

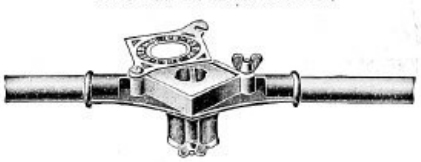
ONE SET IN A WOOD BOX.



With Set Screw at Side.

No. 17—3 pairs of dies, 6 taps, one each $\frac{5}{8}\times12$, $\frac{3}{4}\times12$, $\frac{7}{8}\times9$, 1×9 right hand, $\frac{7}{8}\times9$, 1×9 left hand, w't $10\frac{1}{2}$ lbs.....per set $9.00
No. 19—3 pairs of dies, 6 taps, one each $\frac{1}{2}\times14$, $\frac{5}{8}\times12$, $\frac{5}{8}\times14$, $\frac{3}{4}\times12$, $\frac{7}{8}\times9$, 1×9 right hand, w't 9 lbs.....per set 9.00
No. 27—3 pairs of dies, 6 taps, one each $\frac{7}{16}\times16$, $\frac{1}{2}\times16$, $\frac{9}{16}\times12$, $\frac{11}{16}\times10$, $\frac{5}{8}\times12$, $\frac{3}{4}\times10$ right hand, w't 5 lbs.....per set 6.50
No. 27D—7 sets of dies, 7 taps, one each $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$, $\frac{3}{4}\times10$ in. right hand, w't $6\frac{1}{8}$ lbs., per set..... 9.50
No. 29—3 pairs of dies, 4 taps, one each $\frac{7}{16}\times12$, $\frac{1}{2}\times12$, $\frac{3}{4}\times10$ right hand, $\frac{3}{4}\times10$ left hand, w't 6 lbs.....per set 6.00
No. 51—3 pairs of dies, 6 taps, one each $\frac{1}{4}\times22$, $\frac{5}{16}\times22$, $\frac{7}{16}\times18$, $\frac{3}{8}\times18$, $\frac{7}{16}\times14$, $\frac{1}{2}\times14$ right hand, w't 3 lbs.....per set 4.50

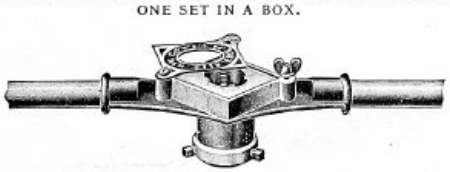
ONE SET IN A WOOD BOX.



No. 0 —Complete with right hand dies, for pipe $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$ and $\frac{1}{2}$ in., w't $5\frac{1}{2}$ lbs.....$ 9.50
No. 1 —Reed, complete with right hand dies, for pipe $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1 in., w't $13\frac{3}{4}$ lbs.....per set 15.00
No. 1½—For pipe $\frac{3}{4}$, 1 and $1\frac{1}{4}$ in., otherwise same as No. 1, w't 20 lbs.....per set 13.50

All Reed stocks are made of malleable iron, all parts interchangeable, bushings are all machined, handles polished, and the ends carefully rounded.

ONE SET IN A BOX.

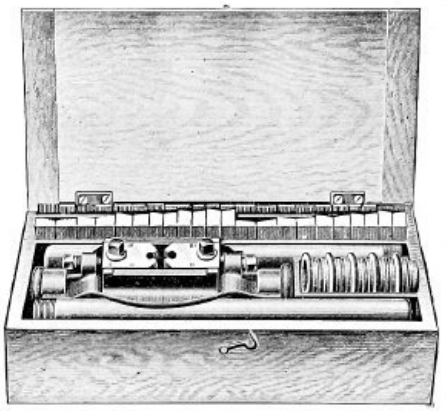


No. 2—Reed, complete with right hand dies for pipe $1\frac{1}{4}$, $1\frac{1}{2}$ and 2 in., w't 27 lbs.....per set $20.00

This style furnished with lead screw, which can be used in threading pipe from one inch to two inches, inclusive. Pipe $\frac{3}{4}$ inch or less does not require a lead screw as the threads differ in pitch.

ONE SET IN A BOX.

STOCKS AND DIES.



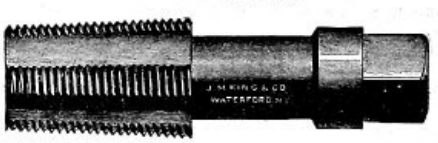
No. 2A—Reed, adjustable, with right hand dies for pipe, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1 in., w't 18 lbs.....per set $12.00

ONE SET IN FINISHED HARDWOOD CASE.

No. 3A—Reed, complete with right hand dies for pipe $1\frac{1}{4}$, $1\frac{1}{2}$ and 2 in., w't 39 lbs.....per set $20.00

ONE SET IN SHIPPING CASE.

PIPE TAPS.



Size.....	⅛	¼	⅜	½	¾	1	1¼	1½	2
W't.....	1½	2⅜	3½	7¼	12½	20¼	30½	47	65 oz.
Each.....$	1.12	1.25	1.50	1.87	2.50	3.12	3.75	4.62	6.25

PIPE REAMERS.

Size.....	⅛	¼	⅜	½	¾	1	1¼	1½	2
W't.	1⅛	2⅛	3⅛	6⅞	12	20	29	45	62 oz.
Each.....$	1.12	1.25	1.50	1.87	2.50	3.12	3.75	4.62	6.25

PIPE DIES.

No. 11 —Diam. $2\frac{3}{8}$ in., for No. 1 pipe stock and dies $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, and 1 in., w't 1 lb.....each $2.00
No. 11½—Diam. 3 in., for No. $1\frac{1}{2}$ pipe stocks and dies $\frac{3}{4}$, 1 and $1\frac{1}{4}$ in., w't $1\frac{1}{2}$ lbs.....each 2.50
No. 12 —Diam. $3\frac{7}{8}$ in., for No. 2 pipe stock and dies $1\frac{1}{4}$, $1\frac{1}{2}$ and 2 in., w't $2\frac{1}{2}$ lbs.....each 3.50

SCREW PLATES.

WILEY & RUSSELL'S.

Fig. 150.

Fig. 152.

LIGHTNING, Oiled Hardwood Case.

No. 150—With stock, tap wrench (fitting in stock) and 5 sizes taps, dies and guides, sizes $\frac{1}{8}\times40$, $\frac{5}{32}\times36$, $\frac{3}{16}\times32$, $\frac{7}{32}\times28$ and $\frac{1}{4}\times24$, stock 6 in. long, diameter of dies $\frac{7}{8}$ in., w't per set $1\frac{1}{2}$ lbs. ..... per set $5.50

No. 152—With stock, tap wrench (fitting in stock) and 7 sizes taps, dies and guides, sizes $\frac{7}{64}\times44$, $\frac{1}{8}\times40$, $\frac{9}{64}\times40$, $\frac{5}{32}\times36$, $\frac{3}{16}\times32$, $\frac{7}{32}\times28$ and $\frac{1}{4}\times24$, stock 6 in. long, diameter of dies $\frac{7}{8}$ in., w't per set $1\frac{3}{4}$ lbs ..... per set 7.00

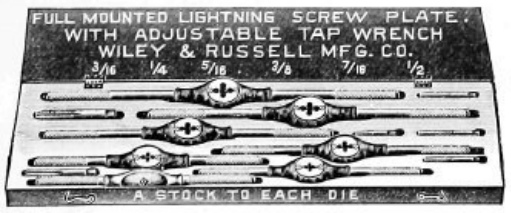
GREEN RIVER, Oiled, Hardwood Case.

No. 1124—With stock, adjustable tap wrench and 5 sizes taps, dies and guides, sizes $\frac{1}{4}\times20$, $\frac{3}{8}\times16$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$, $\frac{3}{4}\times10$, stock 22 in. long, diameter of dies $2\frac{3}{16}$ in., w't per set 14 lbs. ..... per set $11.25

No. 1104—With stock, adjustable tap wrench and 7 sizes taps, dies and guides, sizes $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$ and $\frac{3}{4}\times10$, stock 22 in. long, diameter of dies $2\frac{3}{16}$ in., w't per set 16 lbs. ..... per set 14.00

No. 1112—With stock, adjustable tap wrench and 9 sizes taps, dies and guides, sizes $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$, $\frac{3}{4}\times10$, $\frac{7}{8}\times9$, 1×8, stock 29 in., long, diameter of dies $2\frac{3}{4}$ in., w't per set 29 lbs. ..... per set 24.00

The simplicity and durability of these screw plates make them particularly attractive. They do the work in a single cut. The die is adjustable for wear and to make bolts or nuts fit tightly or loosely as may be desired.



LIGHTNING, Full Mounted, a Stock to each Die, Oiled Hardwood Case, Stocks Case-Hardened and Gunlock Finished.

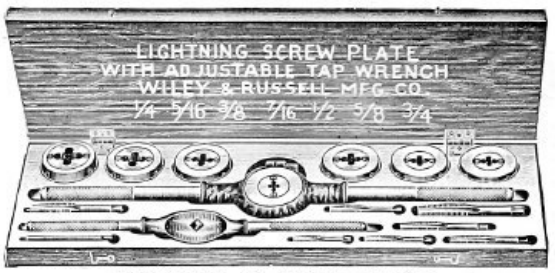
No. 1217—With stock to each die, adjustable tap wrench and 6 sizes taps, dies, and stocks, sizes $\frac{1}{16}\times24$, $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$ and $\frac{1}{2}\times12$, w't per set 16 lbs. ..... per set $12.75

No. 1223—With stock to each die, adjustable tap wrench and 7 sizes taps, dies and stocks, sizes $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$ and $\frac{3}{4}\times10$, w't per set 24 lbs. ..... per set 17.00

No. 1227—With stock to each die, adjustable tap wrench and 7 sizes taps, dies and stocks, sizes $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$, $\frac{3}{4}\times10$, $\frac{7}{8}\times9$ and 1×8, w't per set 37 lbs. ..... per set 23.00

No. 1229—With stock to each die, adjustable tap wrench and 9 sizes taps, dies and stocks, sizes $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$, $\frac{3}{4}\times10$, $\frac{7}{8}\times9$ and 1×8, w't per set 43 lbs. ..... per set 27.50

Instead of having but a single stock to a set of several dies, each die is furnished complete with its own stock of suitable size and weight. The time and trouble in fitting and changing dies for each occasion are saved. All the dies in a set can be used at the same time. These stocks are case-hardened and gunlock finished in the most beautiful manner; the handles are of best drawn bicycle tubing, capped and knurled.

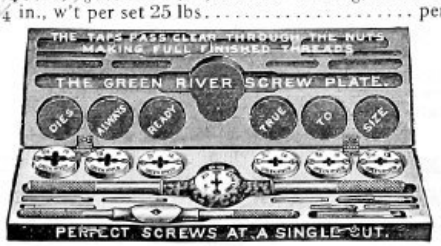


LIGHTNING, Oiled Hardwood Case.

No. 1193—With stock, adjustable tap wrench and 7 sizes taps, dies and collets, sizes $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$ and $\frac{3}{4}\times10$, stock 23 in. long, diameter of collets $2\frac{3}{4}$ in., w't per set 18 lbs. ..... per set $15.25

No. 1197—With stock, adjustable tap wrench and 7 sizes taps, dies and collets, sizes $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$, $\frac{3}{4}\times10$, $\frac{7}{8}\times9$ and 1×8, stock 23 in. long, diameter of collets $2\frac{3}{4}$ in., w't per set 23 lbs. ..... per set 21.00

No. 1199—With stock, adjustable tap wrench and 9 sizes taps, dies and collets, sizes $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$, $\frac{3}{4}\times10$, $\frac{7}{8}\times9$ and 1×8, stock 29 in. long, diameter of collet $2\frac{3}{4}$ in., w't per set 25 lbs. ..... per set 24.25



GREEN RIVER, for Automobile Use, Oiled Hardwood Case.

No. 1460—With stock, adjustable tap wrench and 5 sizes taps, dies and guides, sizes $\frac{1}{4}\times28$, $\frac{5}{16}\times24$, $\frac{3}{8}\times24$, $\frac{7}{16}\times20$, $\frac{1}{2}\times20$, stock 18 in. long, w't per set 11 lbs. ..... per set $10.75

No. 1462—With stock, adjustable tap wrench and 11 sizes taps, dies and guides, sizes $\frac{1}{4}\times28$, $\frac{5}{16}\times24$, $\frac{3}{8}\times24$, $\frac{7}{16}\times20$, $\frac{1}{2}\times20$, $\frac{9}{16}\times18$, $\frac{5}{8}\times18$, $\frac{11}{16}\times16$, $\frac{3}{4}\times16$, $\frac{7}{8}\times14$ and 1×14, stock 22 in. long, w't per set 22 lbs. ..... per set 27.00

HOLROYD'S.

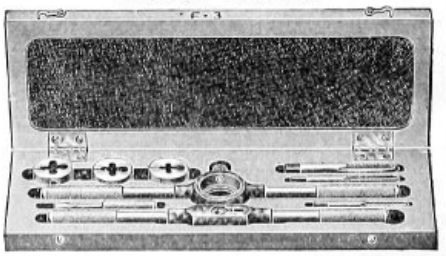
No. 2½ —$11\frac{1}{2}$ in. long, 3 pairs of dies, 3 taps, cutting $\frac{1}{4}\times20$, $\frac{3}{8}\times16$, $\frac{1}{2}\times12$, w't $2\frac{1}{2}$ lbs. ..... per set $ 5.00

No. 2½C—$11\frac{1}{2}$ in. long, 5 pairs of dies, 5 taps, cutting $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, w't $2\frac{5}{8}$ lbs. ..... per set 7.50

No. 3 D—14 in. long, 6 pairs of dies, 6 taps, cutting $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$, w't 7 lbs. ..... per set 9.60

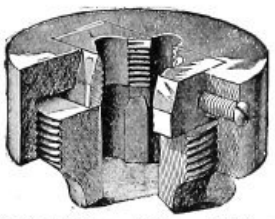
No. 4 B—19 in. long, 7 pairs dies, 7 taps, cutting $\frac{1}{4}\times20$, $\frac{5}{16}\times18$, $\frac{3}{8}\times16$, $\frac{7}{16}\times14$, $\frac{1}{2}\times12$, $\frac{5}{8}\times11$, $\frac{3}{4}\times10$, w't $7\frac{3}{4}$ lbs. ..... per set 13.50

LITTLE GIANT.



No. F3—*For stove bolts*, with 9 in. stock, $8\frac{1}{2}$ in. tap wrench, 3 taper taps, 3 dies, cutting $\frac{3}{16}\times24$, $\frac{1}{4}\times18$, $\frac{5}{16}\times18$, for stock bolts, w't per set $1\frac{3}{4}$ lbs ..... per set $6.25

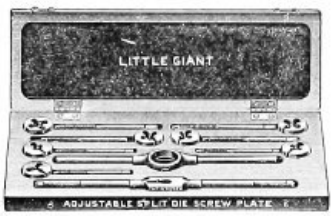
SCREW PLATES.



Sectional View of Die and Collet.

These taps and dies make perfect threads at one cut. The claim for the adjustable die is its solidity; the impossibility of stripping of threads; its perfect adjustment; its simplicity, durability and strength; doing away with all taper-pointed and cup-headed screws, common in many makes of dies. V threads 1-32 in. over size always furnished unless otherwise specified. V threads exact sizes, U. S. S. and Whitworth threads furnished at same price from factory.

Split Die.



"Little Giant," Round Adjustable Dies, $\frac{13}{16}$ Inch in Diameter, with Stock, Adjustable Tap Wrench and Screw Driver.

No. D5—5 taps, 5 dies, cutting 4, 32; 6, 32; 8, 32; 10, 24; 12, 24; w't per set 1½ lbs.....per set $5.00

No. DD5—5 taps, 5 dies, cutting ⅛, 40; $\frac{5}{32}$, 32; $\frac{3}{16}$, 24; $\frac{7}{32}$, 24; ¼, 20; w't per set 1½ lbs.....per set 5.00

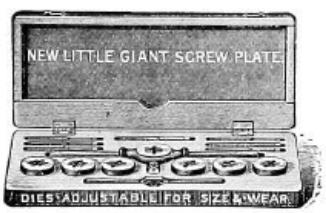
No. D6—6 taps, 6 dies, cutting 4, 36; 6, 32; 8, 32; 10, 24; 12, 24; 14, 20; w't per set 1½ lbs.....per set 5.75

No. DD6—6 taps, 6 dies, cutting ⅛, 40; $\frac{5}{32}$, 32; $\frac{3}{16}$, 24; $\frac{7}{32}$, 24; ¼, 20; $\frac{9}{32}$, 20; w't per set 1½ lbs.....per set 5.75

No. D7—7 taps, 7 dies, cutting 4, 36; 6, 32; 8, 32; 10, 24; 12, 24; 14, 20; 16, 18; w't per set 1½ lbs.....per set 6.50

No. DD7—7 taps, 7 dies, cutting $\frac{7}{64}$, 56; ⅛, 40; $\frac{9}{64}$, 40; $\frac{5}{32}$, 32; $\frac{3}{16}$, 24; $\frac{7}{32}$, 24; ¼, 20; w't per set 1½ lbs.....per set 6.50

The dies in Nos. D5, D6 and D7 are machine screw thread.



"Little Giant," 7½ Inch Stock, Plug Taps, Dies, 7 Inch Adjustable Tap Wrench, 1¼ Inch Collets.

No. A1—5 taps, 5 dies, cutting ⅛, 40; $\frac{5}{32}$, 32; $\frac{3}{16}$, 24; $\frac{7}{32}$, 24; ¼, 20; w't per set 2½ lbs.....per set $ 6.50

No. A2—7 taps, 7 dies, cutting $\frac{7}{64}$, 56; ⅛, 40; $\frac{9}{64}$, 40; $\frac{5}{32}$, 32; $\frac{3}{16}$, 24; $\frac{7}{32}$, 24; ¼, 20; w't per set 3 lbs.....per set 8.00

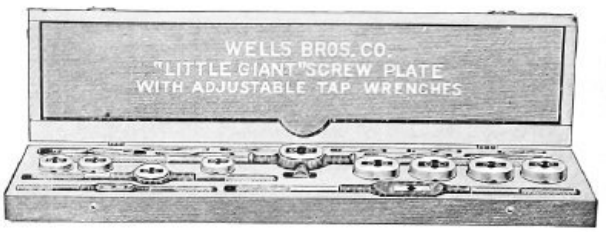
No. A3—10 taps, 10 dies, cutting $\frac{7}{64}$, 56; ⅛, 40; $\frac{9}{64}$, 40; $\frac{5}{32}$, 32; $\frac{11}{64}$, 36; $\frac{3}{16}$, 24; $\frac{13}{64}$, 24; $\frac{7}{32}$, 24; $\frac{15}{64}$, 24; ¼, 20; w't per set 3½ lbs.....per set 10.50

No. 1—"Little Giant," 14½ in. stock, 5 taper taps, 5 dies, 2 in. collets, 10½ in. adjustable tap wrench, cutting ¼, 20; $\frac{5}{16}$, 18; $\frac{3}{8}$, 16; $\frac{7}{16}$, 14; ½, 12; w't per set 7½ lbs .....per set $12.00

Little Giant," 23 Inch Stock, Taper Taps, Dies, 15 Inch Adjustable Tap Wrench, 2¾ Inch Collets.

No. 5 —7 taps, 7 dies, cutting ¼, 20; $\frac{5}{16}$, 18; $\frac{3}{8}$, 16; $\frac{7}{16}$, 14; ½, 12; $\frac{5}{8}$, 11; ¾, 10; w't per set 19½ lbs.....per set $16.00

No. 5½—8 taps, 8 dies, cutting ¼, 20; $\frac{5}{16}$, 18; $\frac{3}{8}$, 16; $\frac{7}{16}$, 14; ½, 12; $\frac{9}{16}$, 12; $\frac{5}{8}$, 11; ¾, 10; w't per set 22 lbs.....per set 18.50



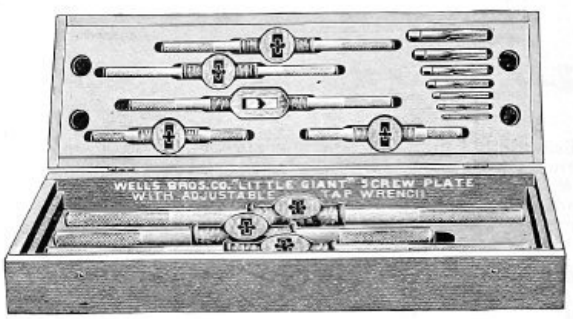
No. 8—"Little Giant," one 14½ in. stock, one 26 in. stock, 15 in. adjustable tap wrench, 7 taper taps, 7 dies, cutting ¼, 20; $\frac{5}{16}$, 18; $\frac{3}{8}$, 16; $\frac{7}{16}$, 14; ½, 12; $\frac{5}{8}$, 11; ¾, 10; w't per set 19 lbs., per set..... $18.00

Collets for four smaller sizes 2 in. in diameter, for larger sizes 2¾ in. in diameter.

No. 9—"Little Giant," one 14 in. stock, one 29 in. stock, one 10½ in. and one 20 in. adjustable tap wrench, 9 taper taps, 9 dies, cutting ¼, 20; $\frac{5}{16}$, 18; $\frac{3}{8}$, 16; $\frac{7}{16}$, 14; ½, 12; $\frac{5}{8}$, 11; ¾, 10; $\frac{7}{8}$, 9; 1, 8; w't per set 27 lbs.....per set $27.50

Collets for four smaller sizes 2 in. in diameter, for larger sizes 2¾ in. in diameter.

FULL STOCKED.

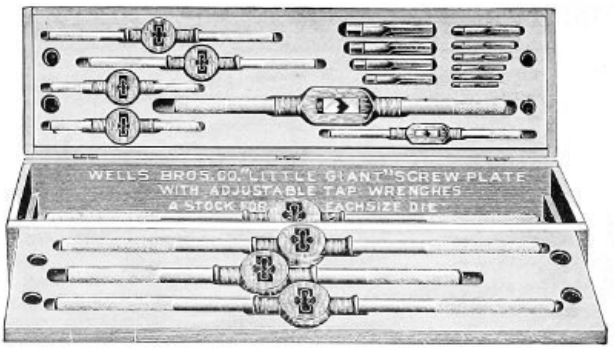


"Little Giant," Stock for Each Size Die, Taper Taps, Dies.

No. 61 —10½ in. adjustable tap wrench, 5 taps, 5 dies, cutting ¼, 20; $\frac{5}{16}$, 18; $\frac{3}{8}$, 16; $\frac{7}{16}$, 14; ½, 12; w't per set 13½ lbs..per set $12.00

No. 65 —15 in. adjustable tap wrench, 7 taps, 7 dies, cutting ¼, 20; $\frac{5}{16}$, 18; $\frac{3}{8}$, 16; $\frac{7}{16}$, 14; ½, 12; $\frac{5}{8}$, 11; ¾, 10; w't per set 25 lbs.....per set 18.00

No. 65½—15 in. adjustable tap wrench, 8 taps, 8 dies, cutting ¼, 20; $\frac{5}{16}$, 18; $\frac{3}{8}$, 16; $\frac{7}{16}$, 14; ½, 12; $\frac{9}{16}$, 12; $\frac{5}{8}$, 11; ¾, 10; w't per set 28 lbs.....per set 20.50



"Little Giant," Stock for Each Size Die, 10½ Inch and 20 Inch Adjustable Tap Wrenches, Taper Taps, Dies.

No. 67—9 taps, 9 dies, cutting ¼, 20; $\frac{5}{16}$, 18; $\frac{3}{8}$, 16; $\frac{7}{16}$, 14; ½, 12; $\frac{5}{8}$, 11; ¾, 10; $\frac{7}{8}$, 9; 1, 8; w't per set 40 lbs .....per set $29.50

No. 67½—10 taps, 10 dies, cutting ¼, 20; $\frac{5}{16}$, 18; $\frac{3}{8}$, 16; $\frac{7}{16}$, 14; ½, 12; $\frac{9}{16}$, 12; $\frac{5}{8}$, 11; ¾, 10; $\frac{7}{8}$, 9; 1, 8; w't per set 44 lbs., per set..... 32.00

BIT BRACES.

OVB BALL BEARING RATCHET.

Full Nickel Plated, Ball Bearing, Metal Clad Head, Cocobolo Head and Handle, Adjustable Handle Collars, Spindle and Chuck Body of One Piece of Steel, Alligator Pattern Toothed Forged Steel Jaws, Anti-Friction Washer, Knurled Thimble Ratchet Adjustment and Swell-End Chuck.

No. 1908—Sweep.	6	8	10	in.
W't per doz.	33	35	38	lbs.
Per dozen	$22.00	24.00	26.00	

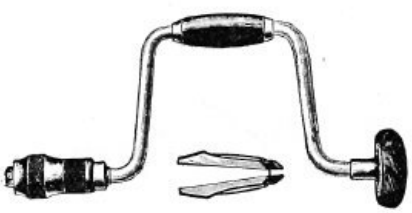
No. 1908—Sweep.	12	14	in.
W't per doz.	41	43	lbs.
Per dozen	$28.00	30.00	

Extra jaws.....per dozen $7.20

"Our Very Best" braces are well fitted and nicely finished and run with exceptional ease. They are first class in every particular and will not fail to please the most discriminating mechanic.

ONE-SIXTH DOZEN IN A BOX.

OVB PLAIN.



Nickel Plated Steel Shank, Extra Knurled Steel Sleeve, Lignumvitae Head, Rosewood Handle, Forged Steel Jaws.

Nos	13	12	11	
Sweep	8	10	12	in.
W't per doz.	26	27	29	lbs.
Per dozen	$14.00	15.00	17.00	

Extra jaws.....per dozen $4.80

HALF DOZEN IN A BOX.

OVB RATCHET.

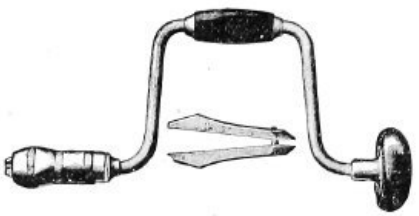
Nickel Plated Steel Shank, Extra Knurled Steel Sleeve, Lignumvitae Head, Rosewood Handle, Forged Steel Jaws, Anti-Friction Washer Above Chuck.

Nos.	33	32	31	
Sweep	8	10	12	in.
W't per doz.	27	31½	33	lbs.
Per dozen	$21.00	24.00	27.00	

Extra jaws.....per dozen $4.80

HALF DOZEN IN A BOX.

H. S. B. & CO.'S PLAIN.



Nickel Plated Steel Shank, and Sleeve, Lignumvitae Head and Handle, Steel Jaws.

Nos.	208	210	
Sweep	8	10	in.
W't per doz.	21	23	lbs.
Per dozen	$12.00	13.00	

Extra jaws.....per dozen $3.60

HALF DOZEN IN A BOX.

H. S. B. & CO.'S RATCHET.

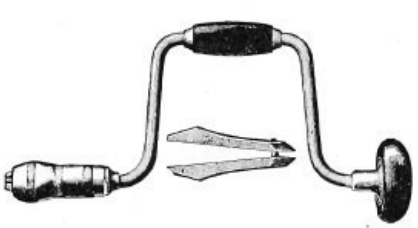
Nickel Plated Steel Shank and Sleeve, Lignumvitae Head and Handle, Steel Jaws.

Nos	1008	1010	1012	
Sweep	8	10	12	in.
W't per doz.	27	29	33	lbs.
Per dozen	$22.50	23.75	25.00	

Extra jaws.....per dozen $3.60

HALF DOZEN IN A BOX.

H. S. B. & CO.'S PLAIN.



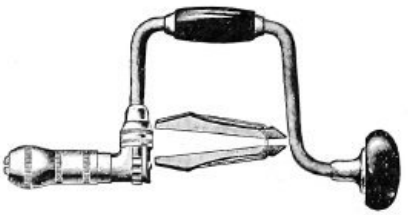
Polished Steel Shank and Sleeve, Lignumvitae Head, Cherry Stained Handle, Steel Jaws.

Nos.	2308	2310	2312	2314	
Sweep	8	10	12	14	in.
W't per doz	22	24½	28	29	lbs.
Per dozen	$10.50	11.50	12.50	14.00	

Extra jaws.....per dozen $3.60

HALF DOZEN IN A BOX.

H. S. B. & CO.'S RATCHET.



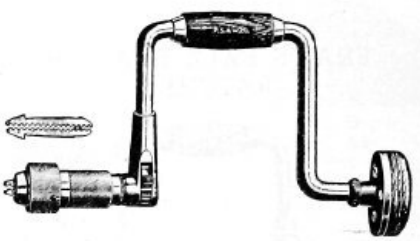
Polished Steel Shank and Sleeve, Lignumvitae Head, Cherry Stained Handle, Steel Jaws.

Nos.	2610	2612	2614	
Sweep	10	12	14	in.
W't per doz.	27½	31	33	lbs.
Per dozen	$19.50	21.00	24.00	

Extra jaws.....per dozen $3.60

HALF DOZEN IN A BOX.

SAMSON BALL BEARING RATCHET.



Nickel Plated Steel Shank and Fittings, Ball Bearing Metal Clad Lignumvitae Head, Rosewood Handle, Samson Ball Bearing, Milled Chuck, Holding Round and Square Shank Bits or Drills, Forged Steel Alligator Jaws.

Nos.	1203	1202	1201	1200	
Sweep	8	10	12	14	in.
W't per doz	37	41	44	46	lbs.
Per dozen	$32.50	35.75	39.00	42.25	

Extra jaws.....per dozen $7.20

Finely finished and accurately fitted in every part. The jaws open parallel or at a slight angle; are interlocking, and grip firmly either round, tapering or square shanks the entire length of the jaw, so that square shanks will not turn or twist.

HALF DOZEN IN A BOX.

PECK'S BALL BEARING RATCHET.

Nickel Plated Steel Shank and Sleeve, Metal Clad Lignumvitae Ball Bearing Head, Rosewood Handle, Forged Steel Jaws.

Nos.	1003	1002	1001	
Sweep	8	10	12	in.
W't per doz.	35	39½	41	lbs.
Per dozen	$41.50	45.00	48.00	

Extra jaws.....per dozen $7.20

HALF DOZEN IN A BOX.

BIT BRACES.

STANLEY'S BALL BEARING, RATCHET.

Nickel Plated Steel Shank and Sleeve, Metal Clad Cocobolo Ball Bearing Head, Cocobolo Handle, Forged Steel Alligator Jaws, Concealed Ratchet.

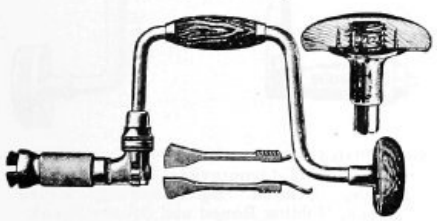
No. 921—Sweep..	6	8	10 in.
W't per doz.....	31½	33	37 lbs.
Per dozen.....$33.00		36.00	39.00

No. 921—Sweep.....	12	14 in.
W't per doz.....	40	42 lbs.
Per dozen $42.00		45.00

Extra jaws .....per dozen $7.20

HALF DOZEN IN A BOX.

FRAY'S BALL BEARING, RATCHET.



Nickel Plated Steel Shank and Fittings, Cocobolo Metal Clad Head, Ball Bearing, Cocobolo Handle.

Nos..	66	86	106
Sweep.....	6	8	10 in.
W't per doz.....	25	29	32 lbs.
Per dozen $33.00		36.00	42.00

Nos	126	146
Sweep.....	12	14 in.
W't per doz.....	40	42 lbs.
Per dozen $46.00		50.00

Extra jaws .....per dozen $7.20

Adjustable to square and round shank bits ⅛ in. and larger.

HALF DOZEN IN A BOX.

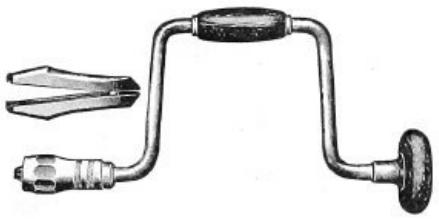
SPOFFORD'S PLAIN.

Nickel Plated Steel Shank, Split Socket, with Thumb Screw, Cocobolo Head and Handle.

Nos	108	110	112
Sweep.....	8	10	12 in.
W't per doz....	19	20½	21¼ lbs.
Per dozen	$24.00	27.00	30.00

HALF DOZEN IN A BOX.

BARKER PLAIN.



Polished Steel Shank, Polished Octagon Pattern Sleeve, Ebonized Hardwood Head and Handle, Steel Jaws.

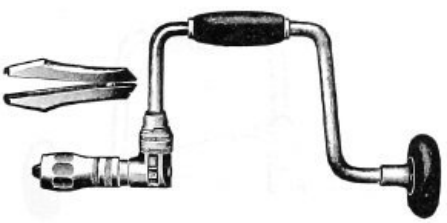
Nos	P8	P10	P12
Sweep.....	8	10	12 in.
W't per doz.....	20¾	23	25 lbs.
Per dozen $7.00		8.00	9.00

Extra jaws .....per dozen $3.60

Sleeve can be tightened or loosened with wrench, if desired.

HALF DOZEN IN A BOX.

BARKER RATCHET.



Polished Steel Shank, Polished Octagon Pattern Sleeve, Ebonized Hardwood Head and Handle, Steel Jaws.

Nos	R80	R100	R120
Sweep.....	8	10	12 in.
W't per doz.....	24	26	29½ lbs.
Per dozen $12.00		13.00	14.00

Extra jaws .....per dozen $3.60

Sleeve can be tightened or loosened with a wrench, if desired.

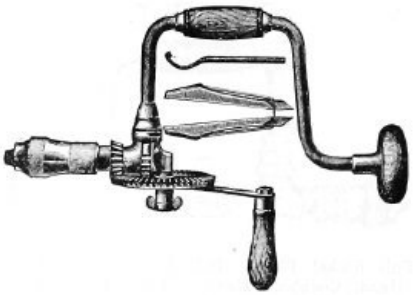
HALF DOZEN IN A BOX.

COMMON BALL.

No. 30—Plain, 10 in. sweep, bright steel shank, malleable bit socket, with thumb screw, beechwood head and handle, w't per doz. 12 lbs...per dozen $3.25

HALF DOZEN IN A BOX.

MILLERS FALLS DRILL.

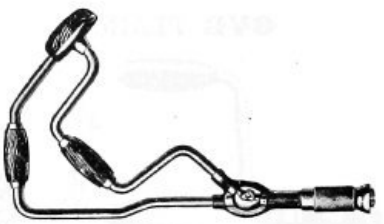


No. 10D—10 in. sweep, nickel plated steel bow and chuck, lignumvitæ ball bearing head, rosewood handles, detachable gear for use as a drill, per dozen.. ..... $36.00

The gear wheel can be removed, leaving a ratchet brace. The jaws are forged steel and will center and hold firmly round twist drills from ⅛ to $\frac{7}{16}$ in. diameter, also tool shanks of any size or shape.

ONE IN A BOX. 57 LBS. PER DOZEN.

FRAY'S CORNER.



No. 45—8 in. sweep, nickel plated steel frame, sweep and chuck, metal clad cocobolo head, cocobolo handle, drop forged steel jaws, length 18½ in., w't per doz. 48 lbs.....per dozen $33.00

Power is applied by milled steel bevel gears. Gearing is fully enclosed by metal caps. Above illustration shows covering partly removed, exposing gears.

ONE-SIXTH DOZEN IN A BOX.

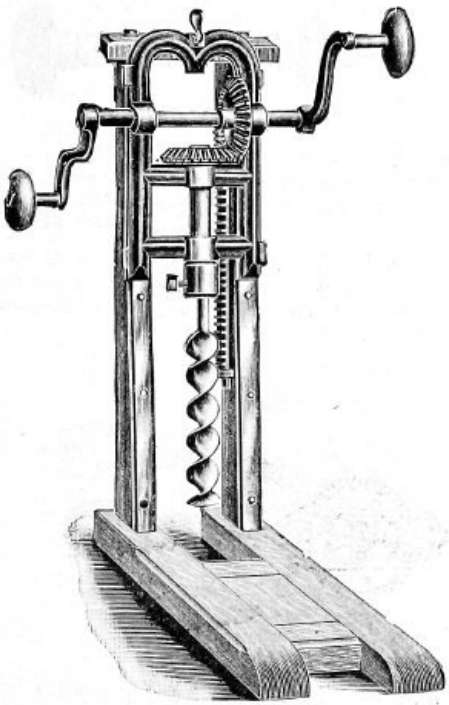
ANGULAR BORERS.

No. 35—MILLERS FALLS, japanned frame, improved nickel plated chuck, adjustable to any angle, with set screw, w't per doz. 24 lbs.....per dozen $24.00

A very serviceable tool, can be attached to any brace, and will serve as an extension as well as an angular borer. The adjusting device is very simple, strong and efficient.

ONE IN A BOX.

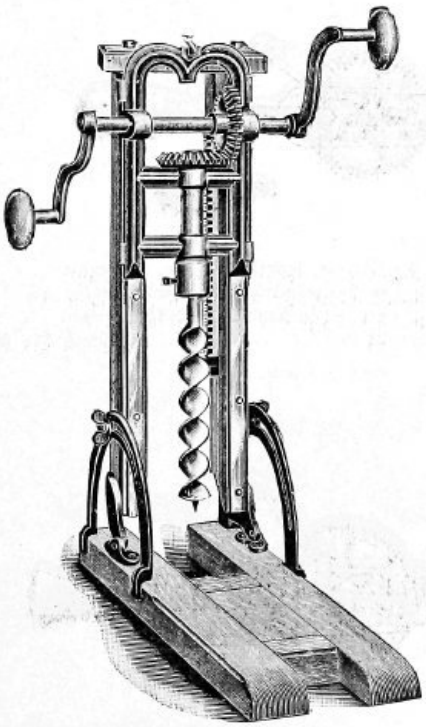
BORING MACHINES.



Upright, Wood Frame, Adjustable Depth Gauge, Self-withdrawing Auger.

No. 5—Without augers, w't 32 lbs..each $6.00
No. 15—With one each 1, 1½, and 2 in. cast steel augers, w't 36 lbs.....each 8.50

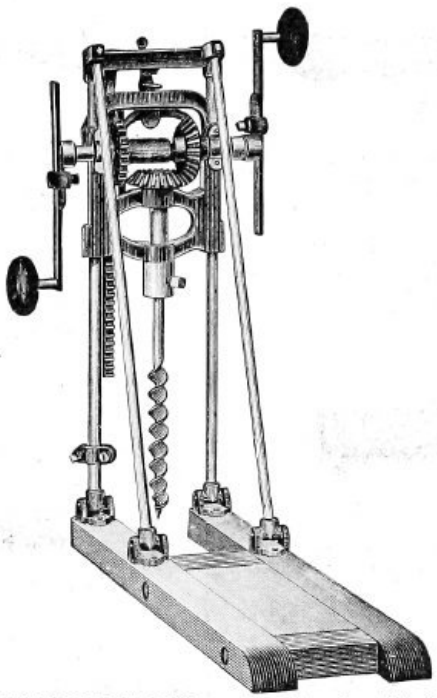
ONE IN A CASE OR CRATE.



Angular, Wood Frame, Adjustable Depth Gauge Self-withdrawing Auger.

No. 2—Without augers, w't 36 lbs..each $6.50
No. 12—With one each 1, 1½ and 2 in. cast steel augers, w't 40 lbs.....each 9.00

ONE IN A CASE OR CRATE.



MILLER'S FALLS, Angular, Steel Frame, Adjustable Depth Gauge, Self-withdrawing Auger, Ex-tension Cranks.

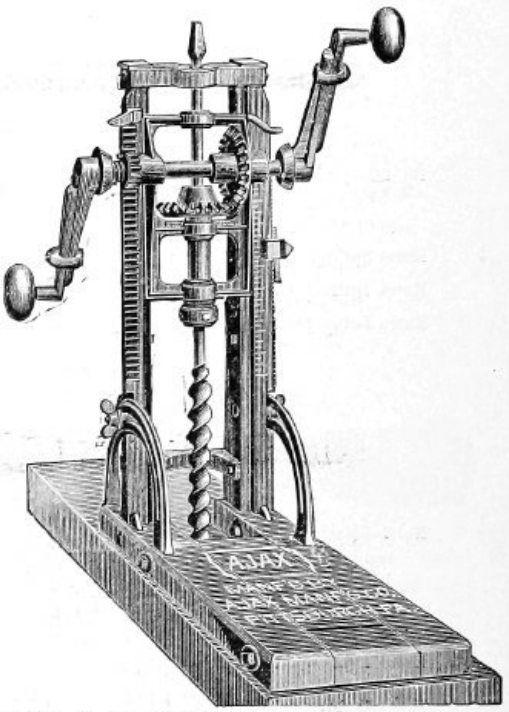
No. 4—Without augers, w't ..... each $7.50
45 lbs.....
No. 14—With one each 1, 1½ and 2 in. cast steel augers, w't ..... each 10.00
49 lbs.....

ONE IN A CASE OR CRATE.

BOSS, Angular, Japanned Iron Frame, Adjustable Depth Gauge, Self-withdrawing Auger, Two Chucks on Reversible Traveling Gear Giving Two Speeds.

No. 6—Without augers, w't 30 lbs.each $ 9.00
No. 16—With one each 1, 1½ and 2 in. cast steel augers, w't 34 lbs.....each 11.50

ONE IN A CASE OR CRATE.

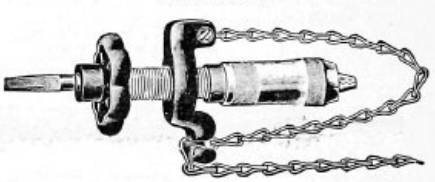


AJAX, Angular, Wood Frame, Adjustable Depth Gauge, Self-withdrawing Auger, Chuck Adjustable to Fit Boring Machine Augers or Brace Bits, Extension Handles.

No. 24—Without augers, w't 45 lbs.each $11.00
No. 34—With one each 1, 1½ and 2 in. cast steel augers, w't 48 lbs.....each 13.50

ONE IN A CASE OR CRATE.

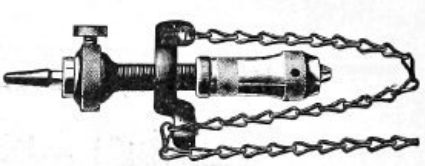
CHAIN-FEED DRILL ATTACHMENTS.



No. A—WONDER, plain socket, polished, for ½ in. round straight shank drills, w't per doz. 24 lbs.....per dozen $18.00
No. B—WONDER, plain socket, polished, for bit stock drills, w't per doz. 24 lbs., per dozen 18.00
No. C—WONDER, brace chuck, nickel plated, for bit stock drills, and 1/16 to ½ in. round shank drills, w't per doz. 24 lbs.. .....per dozen 24.75

These drill attachments can be used in all sorts of places and drill very rapidly with the aid of an ordinary brace. The chain can be tightened as desired by the wheel, which moves independently.

ONE IN A BOX.



No. E—WONDER, automatic, nickel plated brace chuck, for bit stock drills and round shank drills 1/16 to ½ in., w't per doz. 33 lbs.....per dozen $36.00
This drill feeds automatically at any desired speed.

ONE IN A BOX.

HAND DRILLS.

No. 20—GRAVES', automatic, length 13 in., cocobolo handle, enclosing 8 cast steel drills in compartments, w't per doz. 11 lbs., per dozen..... ..... $18.00

Extra Springs, for No. 20.. .....per dozen 2.00

Extra Drills, for No. 20, sizes 1 to 8.....per set of 8 .75

Extra Drills, for No. 20, sizes 1 to 8... .....per dozen 1.10

ONE IN A BOX.

No. 7—MILLER'S FALLS, automatic, length 10½ in., nickel plated and polished, rosewood stained handle enclosing 8 cast steel drills, sizes 1 to 8, in separate numbered compartments, with flat steel gauge showing sizes of holes, w't per doz. 6 lbs., per dozen..... $18.00

Extra Drills, for No. 7, sizes 1 to 8.....per set of 8 .75

Extra Drills, for No. 7, sizes 1 to 8..... .....per dozen 1.10

ONE IN A BOX.

No. 43—YANKEE, automatic, length 10¾ in., nickel plated and finely finished, hardwood handle, 3 cast steel drills, 1/16, 5/64 and 3/32 (not adapted to larger size drills), w't per doz. 3¼ lbs., per dozen. $15.00

ONE IN A BOX.

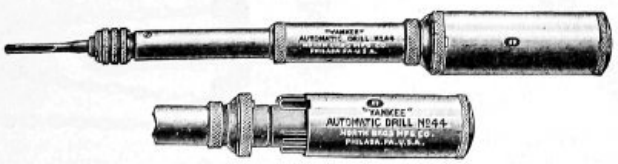
No. 041—YANKEE, automatic, length 10 in., nickel plated and polished, metal handle enclosing 8 cast steel drills, w't per doz. 12 lbs.. .....per dozen $28.00

Extra Springs, for No. 041... ..... " 1.80

Extra Drills, for No. 041, 4-64, 5-64, 6-64, 7-64, 8-64, 9-64, 10-64, 11-64.....per set of 8 .75

Extra Drills, for Nos. 041 and 43, 4-64, 5-64, 6-64, 7-64, 8-64, 9-64, 10-64, 11-64 .....per dozen 1.10

ONE IN A BOX.



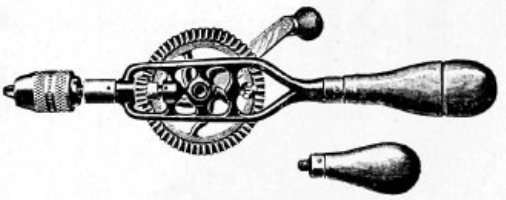
No. 44—YANKEE, automatic, adjustable tension, length 11¼ in., nickel plated, highly polished, 8 cast steel drills enclosed in handle, w't per doz. 8 lbs.. ... .per dozen $33.00

ONE IN A BOX.

No. 51—YANKEE, reciprocating, polished steel spindle, polished hardwood handle, ball bearing, nickel plated knurled chuck with 3 jaws for holding 3/16 in. drills or smaller, length 16 in.. w't per doz. 16 lbs..... per dozen $48.00

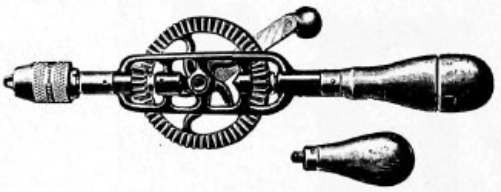
So constructed that the drill runs continuously to the right during both forward and backward movement of the driver. The pressure to feed the drill is had by the pressure against the head of the tool, which is provided with ball bearings to reduce friction.

ONE IN A BOX.



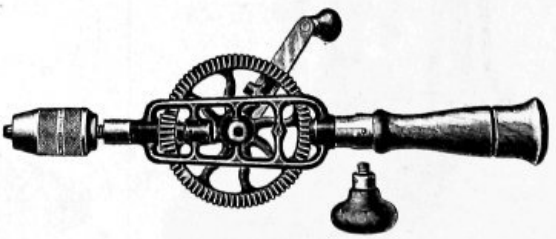
No. 1—MILLER'S FALLS, *single gear*, length 12 in., malleable iron frame, cocobolo hollow head and handles, nickel plated chuck, 8 cast steel drills enclosed in head, holds 3/16 in. round shank drills, w't per doz. 22 lbs.. .....per dozen $15.00

ONE IN A BOX.



No. 5—MILLER'S FALLS, *double gear*, length 11½ in., malleable iron frame, cocobolo hollow head and handles, nickel plated chuck, 8 cast steel drills enclosed in handle, holds 3/16 in. round shank drills, w't per doz. 24 lbs.....per dozen $18.00

ONE IN A BOX.



No. 2—MILLER'S FALLS, single gear, length 15 in., malleable iron frame, cocobolo hollow head and handles, nickel plated chuck, 8 cast steel drills enclosed in handle, holds 3/8 in. round shank drills, *ball bearing*, w't per doz. 28 lbs..... per dozen $30.00

ONE IN A BOX.

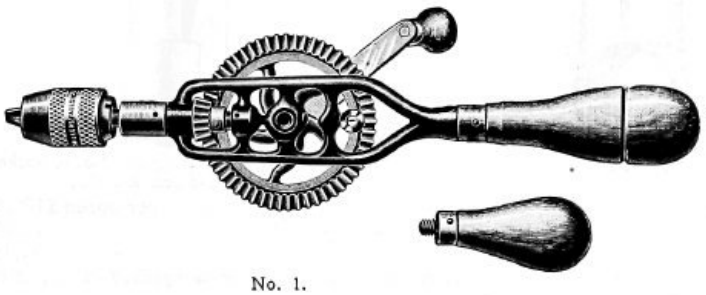
RECIPROCATING DRILLS.

No. 0—GOODELL'S, automatic, polished steel rod, lignumvitæ head, polished cherry handle, ball bearing, nickel plated chuck with 3 jaws, for holding No. 0 to ¼ in. drills, length 16½ in., weight per dozen 12 lbs., - - - - - - - - - per dozen $36.00

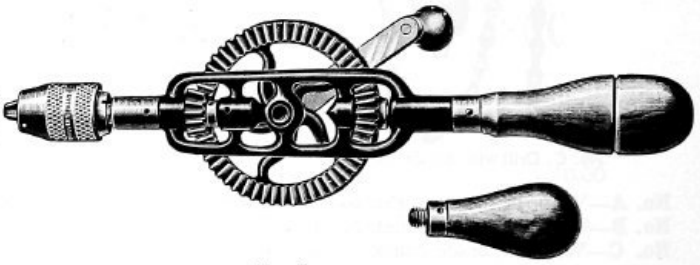
This tool is so constructed that it will drill with each forward and backward thrust of the handle. It is so arranged that it can be made to turn backward (sufficiently to release the drill) by a slot in the lower plate of the handle which engages two pins near the chuck. The tool is finely finished.

ONE IN A BOX.

HAND DRILLS.



No. 1.



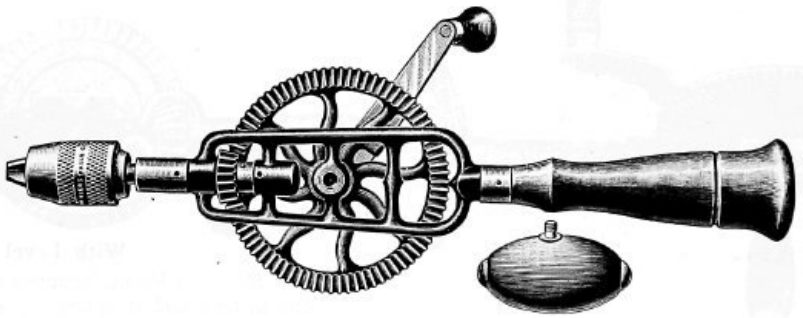
No. 5.

Malleable Iron Frame, Cocobolo Hollow Head and Handles, Nickel Plated Chuck.

No. 1—MILLER'S FALLS, *single gear*, length 12 in., 8 cast steel drills contained in head, will hold ⅛ in. round shank drills, weight per dozen 22 lbs., - per dozen $15.00

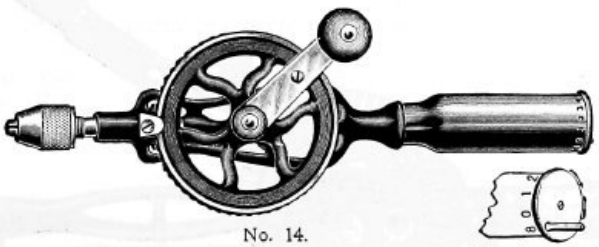
No. 5—MILLER'S FALLS, *double gear*, otherwise same as No. 1, weight per dozen 24 lbs.,- - - - - - - " 18.00

ONE IN A BOX.

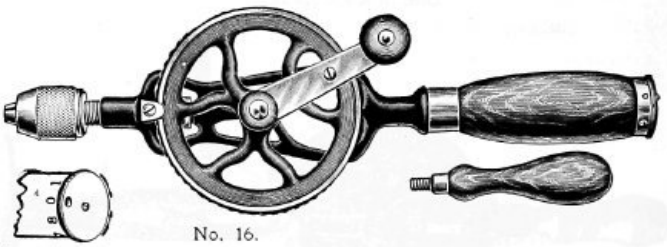


No. 2—MILLER'S FALLS, single gear, length 15 in., 8 cast steel drills contained in head, will hold ¼ in. round shank drills, weight per dozen 28 lbs., - per dozen $30.00

ONE IN A BOX.



No. 14.



No. 16.

Showing Numbered Compartments.

For Round Shank Drills.

No. 14—GOODELL'S, single gear, length 10½ in., nickel plated improved chuck, nickel plated handle enclosing 8 cast steel drills, will hold drills up to ⅛ in. in diameter, weight per dozen 15 lbs., - per dozen $30.00

No. 16—GOODELL'S, single gear, length 12 in., nickel plated improved chuck, cocobolo handle enclosing 8 cast steel drills, will hold ¼ in. drills, weight per dozen 18 lbs., - per dozen 45.00

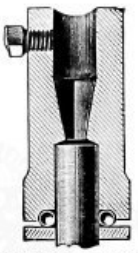
The handles of Nos. 14 and 16 hand drills have a separate numbered compartment for each drill. A revolving cap enables the operator to secure any desired size without interfering with the others.

ONE IN A BOX.

CHAIN FEED DRILL ATTACHMENTS.

No. C. Drill with Bit Stock Chuck.

No. A, showing Drill attached to Brace.



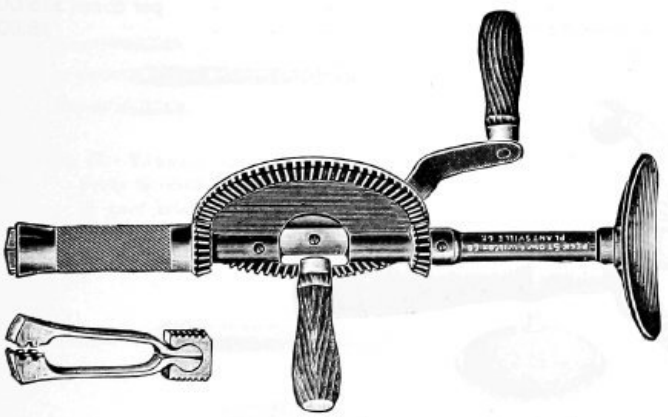
Showing Ball Bearing and No. A Socket for Round Shank Drills.

No. A—WONDER, plain socket, polished, for ½ in. round straight shank drills, - - - - - - - - - per dozen $18.00
No. B—WONDER, plain socket, polished, for bit stock drills, - - - - - - - - - - - - " 18.00
No. C—WONDER, brace chuck, nickel plated, for bit stock drills, - - - - - - - - - - - - " 24.75

These drill attachments can be used in all sorts of places and drill very rapidly with the aid of an ordinary brace. The chain can be tightened as desired by the wheel, which moves independently.

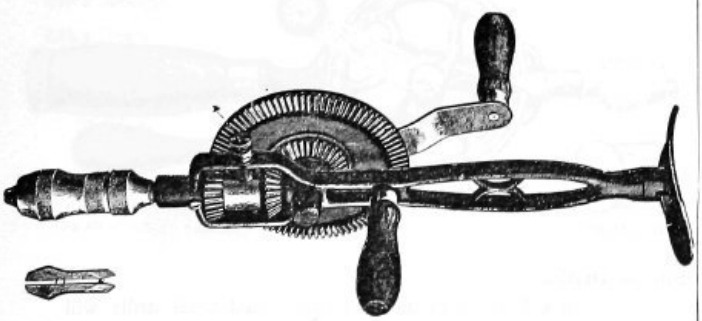
ONE IN A BOX. WEIGHT 24 LBS. PER DOZEN.

BREAST DRILLS.



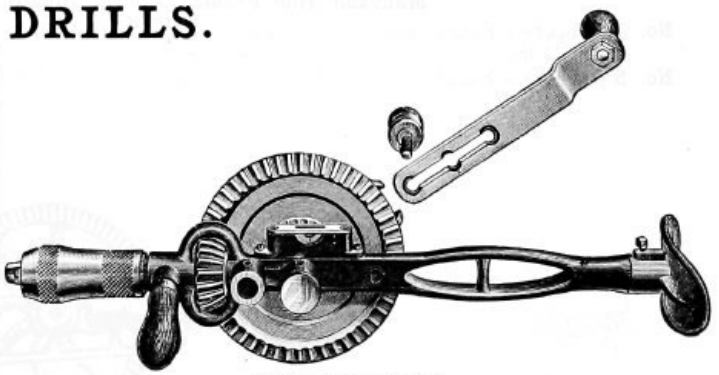
No. 50—P. S. & W. Co's, enameled, cut gear, extra finish, adjustable steel jaws, rosewood handles, length 15 in., will hold round or square shank drills of every size, w't 4¼ lbs., - - - - - - - - each $3.75

ONE IN A PACKAGE.



No. 100—Malleable iron stock, nickel plated chuck, 2 pair jaws, to hold square or round shank drills, rosewood handle, changeable gear, length 17 in., w't 5½ lbs., each $4.00

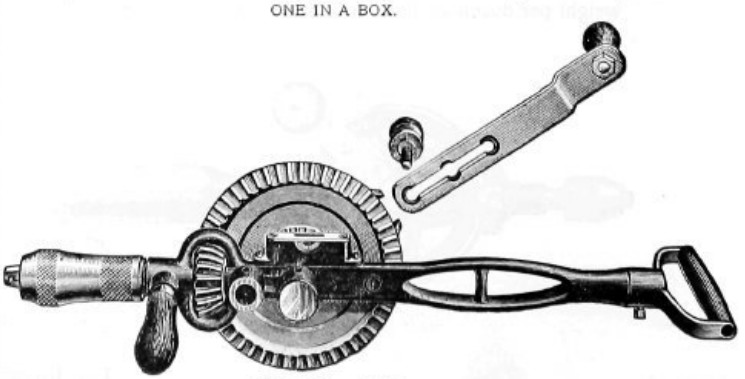
ONE IN A PACKAGE.



With Level Glass.

No. 12—MILLER'S FALLS, japanned iron frame, nickel plated chuck, for round or square shank drills, 2 speeds, extension crank, 2 cocobolo handles, length 17 in., w't per doz. 72 lbs., - - - - - - per dozen $30.00

ONE IN A BOX.



With Level Glass.

No. 15—MILLER'S FALLS, japanned iron frame, nickel plated chuck, for round or square shank drills, 2 speeds, extension crank, 2 cocobolo handles, adjustable and detachable japanned iron D-handle, length 17 in., w't per doz. 72 lbs., - - - - - - per dozen $30.00

ONE IN A BOX.

SCREW DRIVERS.

STANDARD.

Cast Steel, Polished Blade, Beech Handle, Brass Cap Ferrule.

No. 1—Inches,	1½ Sewing Machine.	2	3	4	5	6	7	8	10	12
W't per doz.,	¾	1	1½	2¼	3	4	4½	5	7½	11½ lbs.
Per dozen,	$1.00	1.60	2.15	2.65	3.20	3.75	4.30	5.50	8.00	10.00

1½ IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

"REV-O-NOC."

Extra Heavy Cast Steel, Hammer Forged Blade, Oil Tempered, Natural Finish, Beech Handle, Brass Cap Ferrule.

No. 10—Inches,	3	4	5	6	8	10	12
W't per doz.,	2	3	4½	4¾	7½	8½	10½ lbs.
Per dozen,	$2.50	3.00	3.50	4.00	5.50	8.00	10.00

HALF DOZEN IN A BOX.

"REV-O-NOC."

Round Blued Cast Steel Blade, Heavy Iron Ferrule, Stained Handle.

No. 6—Inches,	2	3	4	5	6	7	8	10	12
W't per doz.,	1¾	2	2¼	3¼	3¾	4¾	7	7½	8 lbs.
Per dozen,	$3.30	3.45	3.60	4.00	4.40	4.60	5.15	5.60	5.75

HALF DOZEN IN A BOX.

H. S. B. & CO'S ROUND.

Polished Extra Cast Steel Forged Blade, Ebonized Handle, Polished Steel Cap Ferrule.

No. 4—Inches,	2	3	4	5	6	7	8
W't per doz.,	1	1½	2	3	4	4¾	5½ lbs.
Per dozen,	$2.00	2.50	3.00	3.50	4.00	5.00	5.50

HALF DOZEN IN A BOX.

HURWOOD.

Polished Extra Cast Steel Tempered Round Blade Running through Handle, Riveted and Headed, Ebonized Handle, Polished Steel Ferrule.

No. 70—Inches,	2½	3	4	5	6	7	8	10	12
W't per doz.,	1½	2	2¾	4½	5	6½	8½	9¼	10 lbs.
Per dozen,	$3.00	3.50	4.25	5.00	6.00	7.00	8.00	10.00	12.00

HALF DOZEN IN A BOX.

HURWOOD PONY AND BABY.

No. 74. Pony. No. 75. Baby.

Extra Cast Steel Tempered Small Round Blade Running through Handle, Riveted and Headed, Ebonized Handle, Polished Steel Ferrule.

No. 74—Inches,	4	5	6	8
W't per doz.,	1¼	1½	1½	1¾ lbs.
Per dozen,	$4.25	5.00	6.00	8.00

No. 75—1½ in. BABY, short handle and blade, otherwise same as No. 74, weight per dozen 1 lb., - - - - per dozen $2 50

HALF DOZEN IN A BOX.

The size given on all the above screw drivers is the length of the blade, exclusive of handle.

SCREW DRIVERS.

CHAMPION PATTERN.

Polished Round Crucible Steel Blade, Hardened and Tempered, Steel Ferrule, Riveted, Stained Fluted Handle.

No. 16—Inches,	2	3	4	5	6	7	8	10	12
W't per doz.,	1½	2	2¾	3¼	4	4½	7	8	9 lbs.
Per dozen,	$3.55	3.70	3.90	4.35	4.75	4.85	5.35	5.75	5.90

ONE DOZEN IN A BOX.

CHAMPION.

Polished Round Blade, Forged from Die Steel, Tempered and Shrunk into Malleable Bolster, Heavy Combined Tang and Ferrule. Stained Fluted Handle.

No. 26—Inches,	2½	3	4	5	6	7	8	10	12
W't per doz.,	2	2½	3	4	4½	6½	7	8	11 lbs.
Per dozen,	$3.00	3.50	4.25	5.00	6.00	7.00	8.00	10.00	12.00

HALF DOZEN IN A BOX.

HURWOOD'S CABINET ELECTRIC.

Polished Crucible Steel, Spring Tempered Round Blade Running Through Handle, Riveted and Headed, Ebonized Handle, Polished Steel Ferrule.

No. 7—Inches,	2½	3½	4½	5½	6½	7½	8½
W't per doz.,	1½	1¾	2¼	3	3¼	3½	4 lbs.
Per dozen,	$3.00	3.50	4.25	5.00	6.00	7.00	8.00

HALF DOZEN IN A BOX.

CLARK'S INTERCHANGEABLE.

Polished Apple Handle, Polished Steel Ferrule and Blades.

No. 20—Complete with 3 cast steel forged bits, 3½, 4 and 4½ in., weight per dozen sets 7 lbs., - - - per dozen sets $12.00
No. 11—Complete with 4 cast steel forged bits, 3½, 4, 4½ and 5 in., weight per dozen sets 12 lbs., - - - " " 15.00

NO. 20, ONE SET IN A PAPER BOX; NO. 11, ONE SET IN A FINE WOOD BOX.

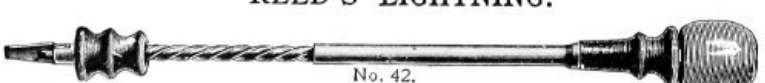
EUREKA SPIRAL.

Brass Cylinder.

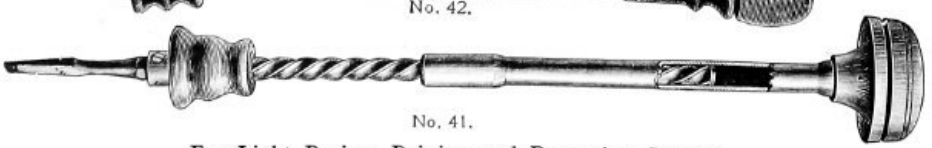
No. 10—Applewood handle, length 9¼ in., extended 14 in., weight per dozen 5½ lbs., - - - - - - - per dozen $20.00
No. 12—Rosewood handle, length 11½ in., extended 18 in., weight per dozen 8 lbs., - - - - - - - " 24.00

NO. 10, HALF DOZEN IN A PAPER BOX. NO. 12, ONE DOZEN IN A SLIDE COVER WOOD BOX.

REED'S LIGHTNING.



No. 42.



No. 41.

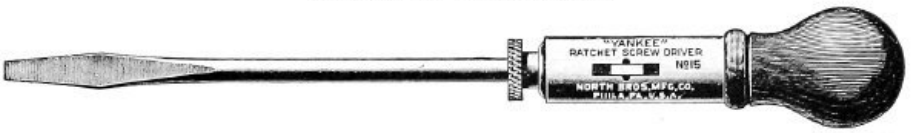
For Light Boring, Driving and Removing Screws.

No. 42—Nickel plated cylinder, rosewood handle, lignumvitæ head, length 12 in., extended 21 in., with 1 boring and 2 screw driver bits, weight per dozen 9 lbs., - per dozen $26.00
No. 41—Nickel plated cylinder, rosewood handle, lignumvitæ head, length 15 in., extended 26 in., with 1 screw driver bit, weight per dozen 18 lbs., - per dozen 30.00

NO. 42, HALF DOZEN; NO. 41, ONE IN A BOX.

SCREW DRIVERS.

YANKEE RATCHET.



Polished Cast Steel Forged Blade, Nickel Plated Ferrule, Polished Hardwood Handle.

No. 15—Inches,	2	3	4	5
Weight per dozen,	1¼	1½	1¾	2 lbs.
Per dozen,	$7.05	7.65	8.25	8.85

Polished Cast Steel Forged Blade, Nickel Plated Ferrule, Cherry Stained Handle.

No. 110—Inches,	2	3	4	5	6	8
Weight per dozen,	1½	2½	3	3½	5	6 lbs.
Per dozen,	$6.30	7.95	8.70	9.45	11.10	12.75

HALF DOZEN IN A BOX.

YANKEE SPIRAL RATCHET.

Right or Left Hand and Rigid at Variable Lengths.

No. 35 —Nickel plated, stained cherry handle, length with bit when extended 9⅛ in., 3 forged steel bits, weight per doz. 5¼ lbs., per dozen $25.00
No. 301—Chucks and drills, - - - - - - - - - - - - - - - - per dozen sets 6.00
No. 302—Extra long bits, in sets of 3, - - - - - - - - - - - - - - - " " 7.00

The tool is for driving small screws only and is intended for electrical workers, cabinet makers and mechanics having a large number of small screws to drive. It is a very light and convenient tool that can be easily carried in the pocket.

Right or Left Hand Ratchet, and Rigid at Variable Lengths.

No. 30—Nickel plated, stained cherry handle, length with bit 11 in., extended 19¼ in., 3 forged steel bits, weight per doz. 15 lbs., per dozen $30.00
No. 31—Length with bit 17½ in., extended 26¼ in., for extra heavy work, weight per doz. 20 lbs., otherwise same as No. 30, per dozen sets 42.00

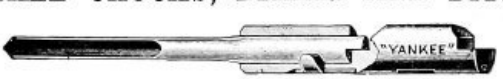
The change from right to left hand for either push or ratchet is made by simply moving the slide to either end of the slot. The ratchet movement can be used in any part of the length of tool for either right or left hand. When slide is placed in center of slot the rod is held rigidly and tool can be used as an ordinary screw driver, and this at any point in length of rod. The friction in ratchet mechanism is so slight as to be hardly felt, the backward movement is easy and noiseless.

ONE IN A BOX.

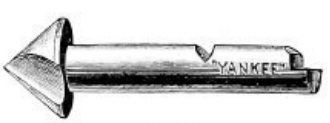
YANKEE CHUCKS, DRILLS AND BITS.

1/16 inch Drill.

¼ inch Drill.



No. 300, with ⅛ inch Drill.



No. 030.

No. 300—Steel chucks and drills, for No. 30, with spring lock, complete with 8 cast steel drill points, w't per doz. sets 1½ lbs., per dozen sets $12.00
Extra Drills, For No. 30, sizes 4–, 5–, 6–, 7–, 8–, 9–, 10– or 11-64ths, - - - - - - - - - - per dozen 1.10
No. 030—Countersink bits, for No. 30, cast steel round shank, per doz. $3.00. **Extra Screw Driver Bits,** for No. 30, per dozen sets 7.00

NO. 300, ONE SET IN A BOX; EXTRA DRILLS AND BITS ONE DOZEN IN A PACKAGE.

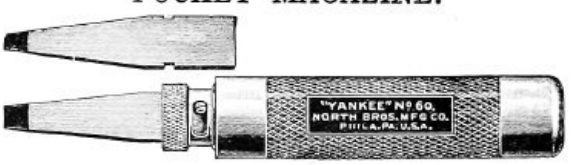
YANKEE RATCHET.

No. 112—Polished cast steel forged blade, 1⅛ in., nickel plated ferrule, polished hardwood handle, weight per dozen 3½ lbs., - - - - - - per dozen $10.20

Is made for special use of gunsmiths' fitters, electricians and mechanics requiring a strong, substantial screw driver with a short blade.

HALF DOZEN IN A BOX.

POCKET MAGAZINE.



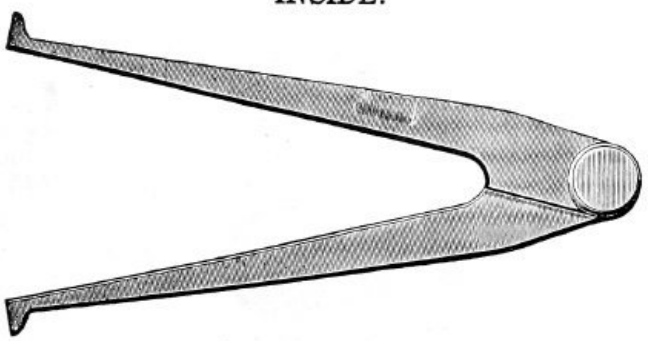
No. 60—Nickel plated, 4 polished cast steel blades, knurled handle, weight per dozen 1½ lbs, - per dozen $12.00

The need and usefulness of this tool will be instantly recognized. The four detachable blades of varying widths and thickness are conveniently packed in handle when not in use.

ONE DOZEN IN A BOX.

CALIPERS.

INSIDE.

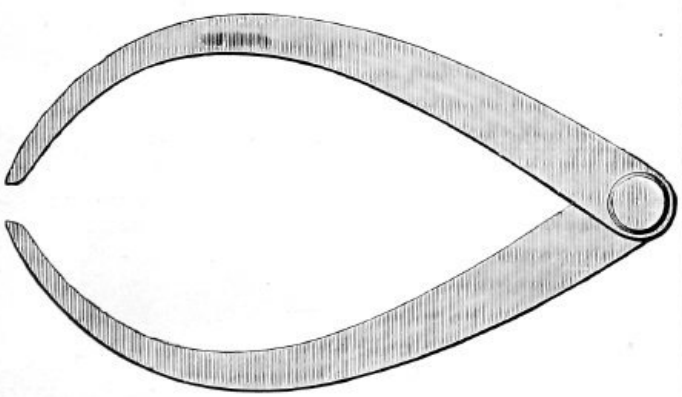


Cast Steel, Polished.

No. 10—Inches,	3	4	5	6	8
W't per doz., -	¼	½	1¼	1½	2¾ lbs.
Per dozen, -	$2.65	2.85	3.30	3.75	5.35

ONE DOZEN IN A BOX.

OUTSIDE.

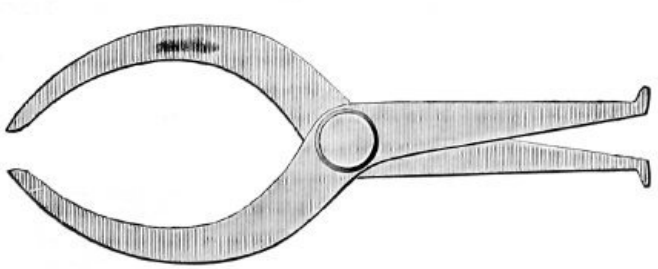


Cast Steel, Polished.

No. 20—Inches,	3	4	5	6	8
W't per doz., -	½	¾	1½	1¾	2¾ lbs.
Per dozen, -	$2.65	2.85	3.30	3.75	5.35

ONE DOZEN IN A BOX.

DOUBLE.

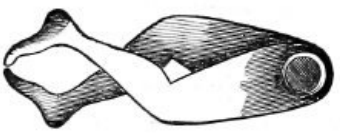


Cast Steel, Polished.

No. 30—Inches, - -	3	4	5	6
W't per doz., - -	½	¾	1	1½ lbs.
Per dozen, - - -	$3.50	4.25	5.00	6.00

HALF DOZEN IN A BOX.

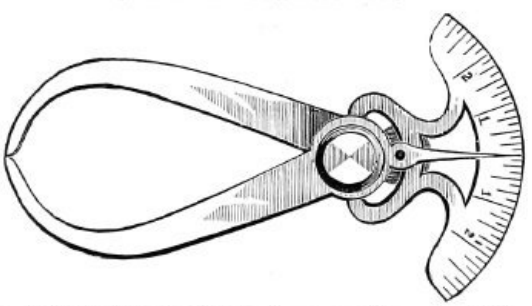
FANCY.



No. 40—2½ in., cast steel, polished, w't per doz. ½ lb., per dozen, - - - - - - - - - $3.50

HALF DOZEN IN A BOX.

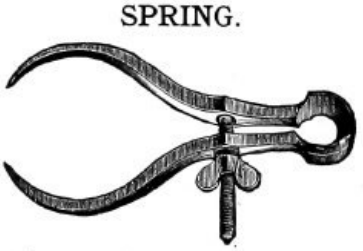
SELF-REGISTERING.



No. 50—3 in., nickel plated, with set-screw, w't per doz ¾ lb., per dozen, - - - - - - - - $8.50

HALF DOZEN IN A BOX.

SPRING.

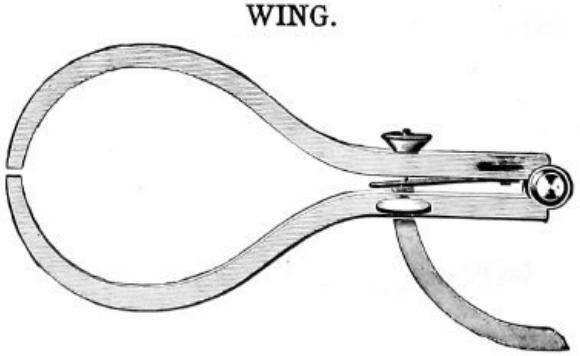


German, Cast Steel, Polished.

No. 60—Inches, - - -	3	4	5	6
W't per doz., - - -	1	1½	2	2½ lbs.
Per dozen, - - -	$8.00	8.50	9.00	9.50

HALF DOZEN IN A BOX.

WING.



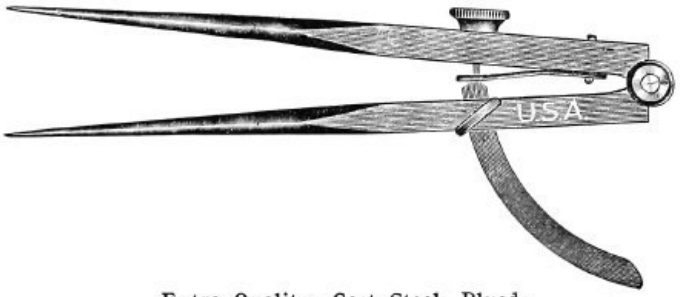
Cast Steel, Polished, with Spring and Set-Screw.

No. 80—Inches, - - - - - -	6	8
W't per doz., - - - - - -	4	8 lbs.
Per dozen, - - - - - -	$7.00	9.00

HALF DOZEN IN A BOX.

WING DIVIDERS.

"U. S. A."

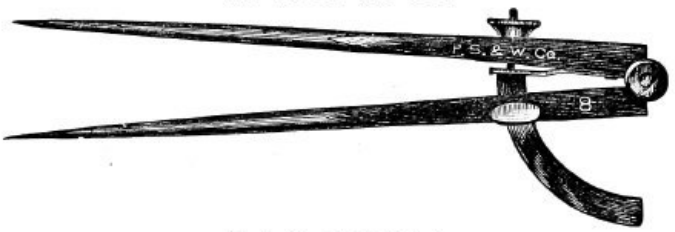


Extra Quality, Cast Steel, Blued.

No. 4—Inches,	6	7	8	10	12
W't per doz.,	4	4¼	5	8	13 lbs.
Per dozen,	$5.50	6.50	7.50	10.00	12.00

HALF DOZEN IN A BOX.

P. S. & W. CO.

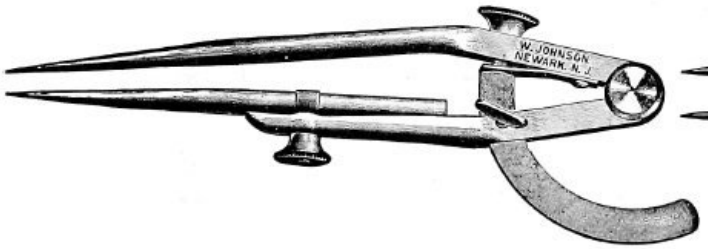


Cast Steel, Polished.

No. 3—Inches,	6	7	8	9	10	12	15
W't per doz.,	3½	4	4½	7	7¾	13	15 lbs.
Per dozen,	$5.50	6.50	7.50	9.00	10.00	12.00	18.00

6 TO 8 IN., ONE DOZEN; 9 TO 15 IN., HALF DOZEN IN A BOX.

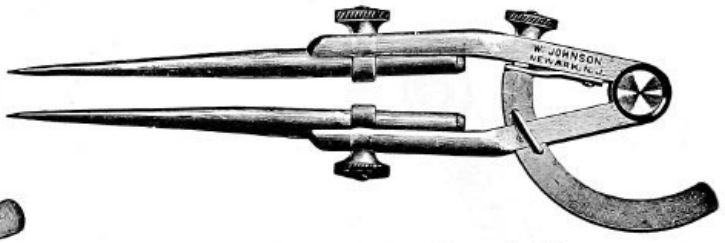
EXTENSION WING DIVIDERS.



Cast Steel, Polished, One Extension Leg.

No. 1—Inches,	6	7	8	10
W't per doz.,	4	4½	4¾	6 lbs.
Per dozen,	$9.00	10.00	11.00	12.00

HALF DOZEN IN A BOX.

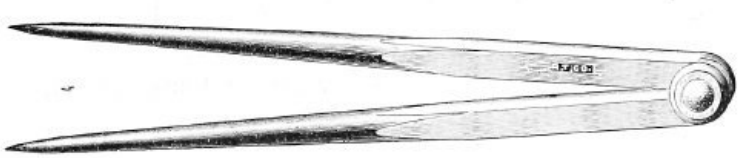


Cast Steel, Polished, Two Extension Legs.

No. 2—Inches,	6	7	8	10
W't per doz.,	4¼	4½	5½	7 lbs.
Per dozen,	$10.00	11.00	12.00	13.00

HALF DOZEN IN A BOX.

CARPENTERS' COMPASSES.



Cast Steel, Polished.

No. 20—Inches,	5	6	7	8
W't per doz.,	1½	2¾	3	3¾ lbs.
Per dozen,	$3.50	4.00	4.75	5.50

ONE DOZEN IN A BOX.

PENCIL HOLDERS.

No. 11.

No. 8.

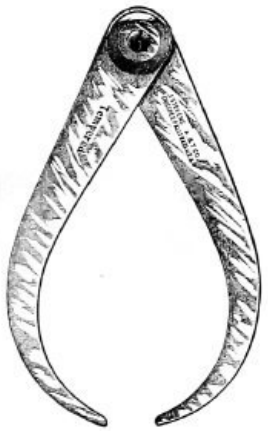
No. 11—2 in., nickel plated, - - - per dozen $1.20
No. 8—STANLEY'S, corrugated steel, with thumb screw, nickel plated, w't per doz. ¾ lb., - - per dozen 2.00

No. 11 is made to slip easily over the point of any wing divider or compass. A pencil can be easily inserted in the larger division and is securely locked at any point.

ONE DOZEN ON A CARD.

STEVENS' MACHINISTS' TOOLS.

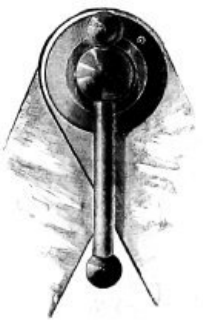
FIRM JOINT CALIPERS.



No. 56A.

No. 56C.

No. 56E.



New Vise Clamp used on sizes 10 inches and above.

Crucible Sheet Steel, Finely Tempered and Polished, Easily Adjusted.

Length,	**3**	**4**	**5**	**6**	**8**	**10**	**12**	**14**	**16**	**18**	**20**	**24 in.**
Average weight,	½	1	1½	2	4	6½	10	18	22	24	26	30 oz.
No. 56A—Outside Calipers, each	$0.40	.50	.55	.65	.80	.90	1.00	1.50	1.75	2.10	2.50	3.00
No. 56C—Inside Calipers, "	.40	.50	.55	.65	.80	.90	1.00	1.50	1.75	2.10	2.50	3.00
No. 56E—Hermaphrodite Calipers, "	.40	.50	.55	.65	.80	.90	1.00					

The joint can be adjusted to any desired friction without roughing up. They resemble more in lightness and shape, hand-made tool-makers' calipers. Sizes 10 in. and over have new vise clamp.

LOCK JOINT CALIPERS AND DIVIDERS.

No. 55A.

No. 55B.

No. 55C.

No. 55F.

Crucible Sheet Steel, Finely Tempered and Polished, Easily Adjusted.

Length,	**3**	**4**	**5**	**6 in.**
Average weight,	½	1	1½	2 oz.
No. 55A—Outside Calipers, each	$0.90	.90	1.00	1.00
No. 55B—Inside Calipers, "	.90	.90	1.00	1.00

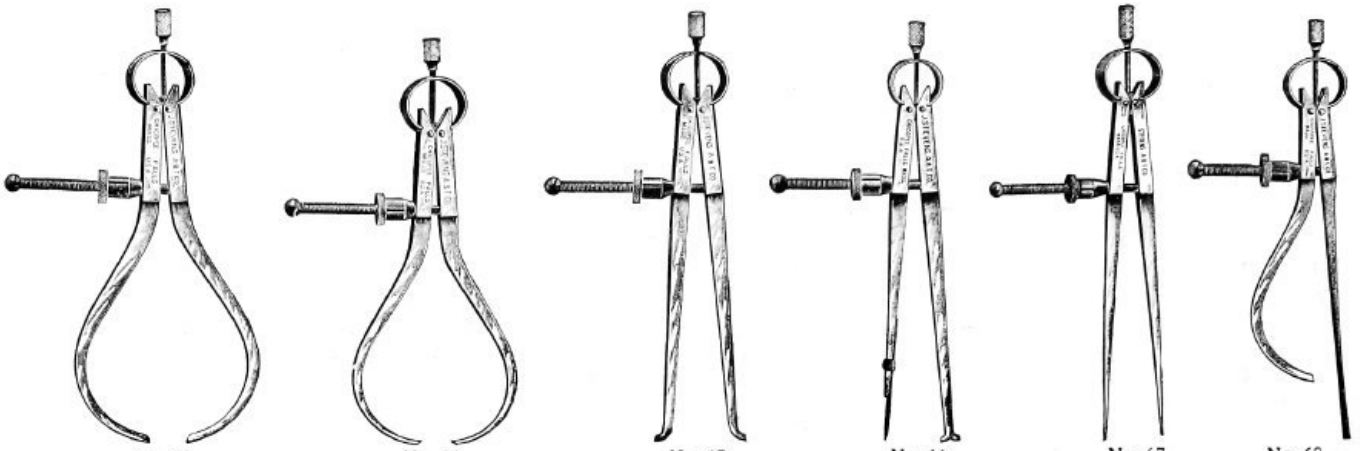
Crucible Sheet Steel, Finely Tempered and Polished, Easily Adjusted.

Length,	**3**	**4**	**5**	**6 in.**
Average weight,	½	1	1½	2 oz.
No. 55C—Hermaphrodite Calipers, each	$0.90	.90	1.00	1.00
No. 55F—Dividers, "				1.00

Made from the best crucible sheet steel, hardened and tempered so nicely that the legs may be sprung sideways to an angle of 30 degrees, when they will snap back into line again as before. All sizes made on correct lines with finished oval edges. The legs are made wider at the joint than commonly, more like the old-fashioned hand-made caliper; and they taper to a slender calipering point, giving them a neat appearance. The locking device for the joint is so powerful that the locking disc is made no larger than the joint on any of the sizes.

STEVENS' MACHINISTS' TOOLS.

IDEAL CALIPERS AND DIVIDERS.



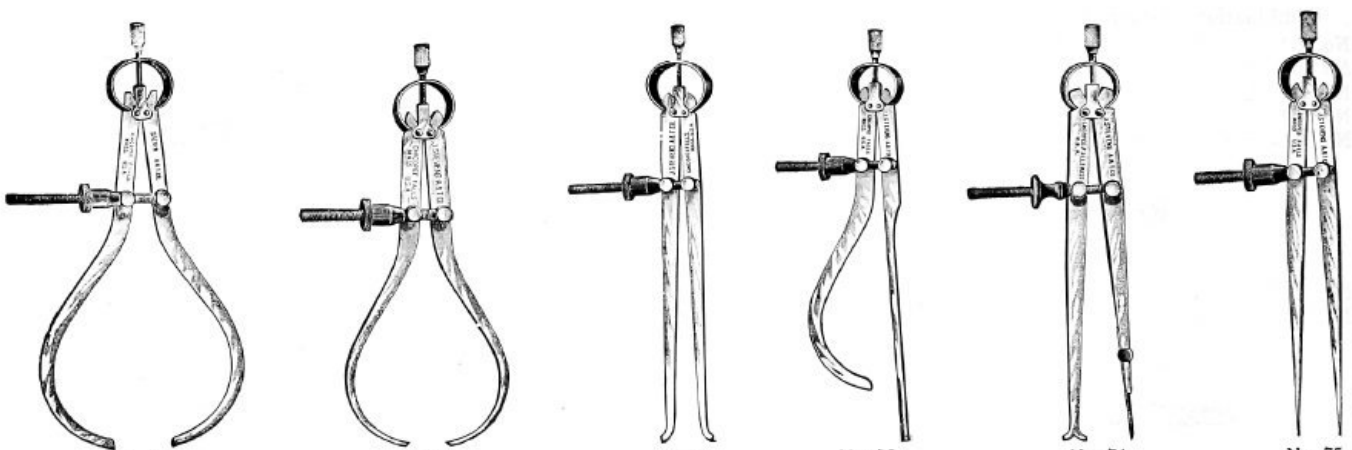
No. 63. No. 64. No. 65. No. 66. No. 67. No. 68.

Crucible Steel, Forged, Tempered and Polished, Fine Even Tension, Spring Split Nut, with Thumb Attachment.

Length,	2½	3	4	5	6 in.
Average weight,	1	1½	3	3½	4 oz.
No. 63—Outside Calipers,	each $1.15	1.15	1.25	1.25	1.50
No. 64—Thread Calipers,	"	1.15	1.25	1.25	
No. 65—Inside Calipers,	"	1.15	1.25	1.25	1.50
No. 66—Hermaphrodite Calipers,	"			1.50	
No. 67—Spring Dividers,	" 1.15	1.15	1.40	1.40	1.75
No. 68—Keyhole Calipers,	"	1.15	1.25		

The joint has two small fulcrum studs instead of one large one, thereby reducing the friction to a minimum and securing the full benefit of the spring. The new split nut is dust proof, and automatic in its action, sliding freely on the screw either way, when held in a vertical position, and when moved by hand, requires no pinching to release it. All the above can be had with solid nut at 15 cents less.

LEADER CALIPERS AND DIVIDERS.



No. 70. No. 71. No. 72. No. 73. No. 74. No. 75.

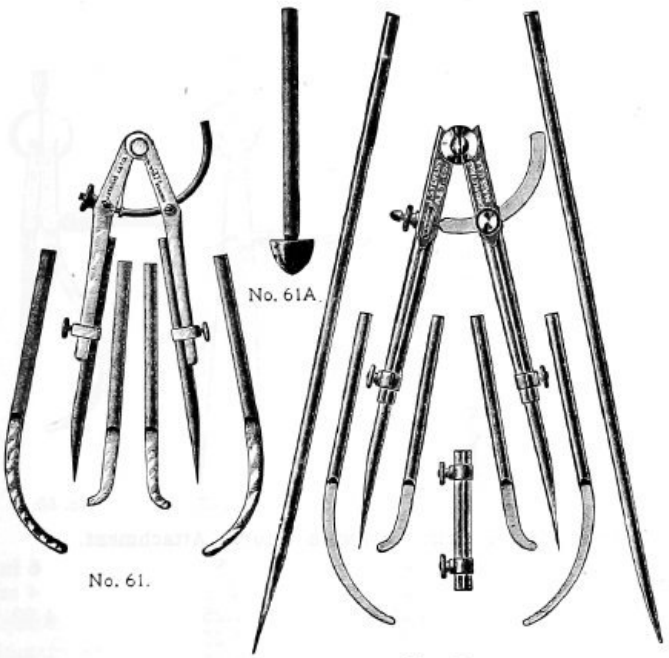
Crucible Steel, Forged, Tempered and Polished, Even Tension, Solid Nut, with Thumb Attachment.

Length,	2½	3	4	5	6	8 in.
Average weight,	½	1	2	3	4	5 oz.
No. 70—Outside Calipers,	each $0.65	.70	.75	.80	.85	1.00
No. 71—Thread Calipers,	"	.75	.90	1.00		
No. 72—Inside Calipers,	"	.70	.75	.80	.85	1.00
No. 73—Keyhole Calipers,	"	.70	.75			
No. 74—Hermaphrodite Calipers,	"			1.10		
No. 75—Spring Dividers,	" .65	.70	.75	.80	.85	1.10

These tools embrace all the practical points of the Ideal, and are just as accurate and durable, but are cheaper only in weight of material, finish, and detail of manufacture. All the above can be had with split nut at 25 cents extra.

STEVENS' MACHINISTS' TOOLS.

EXTENSION AND COMBINATION DIVIDERS.



Extension Dividers and Calipers, Cast Brass, Nickel Plated.

No. 61	—7 in., steel points, w't 10 oz., - -	each	$2.25
No. 61	—9 in., steel points, w't 12 oz., - -	"	2.50
No. 61	—7 in., with divider points only, - -	"	1.25
No. 61	—9 in., with divider points only, - -	"	1.50
No. 61A	—Centering Disks, with leg, w't 3 oz., extra	"	.50
No. 61A	—Centering Disks, either leg or disk, w't 1½ oz., extra each, - - - - - - - -		.25

Combination Dividers and Calipers, Brass, Nickel Plated.

No. 62	—Complete, steel points, w't 24 oz., - -	each	$4.00
No. 62	—With short divider points only, 12 oz., -	"	2.25
No. 62	—Long or Short Points, w't 2 oz., - -	per pair	.50
No. 62	—Outside or Inside Caliper Legs, w't 2 oz.,	"	.50
No. 62	—Pencil Attachments, w't 1 oz., - -	each	.50

Sent complete unless ordered otherwise.

REAMER PUNCHES.

No. 161	—¼ in., best drill rod, w't ½ oz., -	each	$0.25
No. 161	—5/16 in., best drill rod, w't ¾ oz., -	"	.25

CENTER PUNCHES.

No. 162	—¼ in., knurled center, w't ½ oz., -	each	$0.20
No. 162	—5/16 in., knurled center, w't 1 oz., -	"	.20
No. 162	—⅜ in., knurled center, w't 1½ oz., -	"	.20

SHOT PLUMB BOBS.

Nickel Plated Steel, Hardened Point.

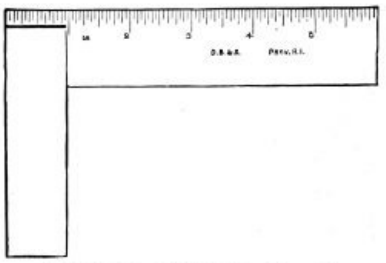
No. 160—Inches, - -	4½×½	6×¾	7×1
Weight, - - -	2½	6½	14 oz.
Each, - - - -	$1.00	1.25	1.50

STEEL SQUARES.

Bright Steel, Hardened.

No. 100—Inches, 3	4	6	8	10
Width, - ⅝	¾	1	1⅛	1¼ in.
Weight, - 1	1½	3	5½	9 oz.
Each, - $1.50	2.00	2.85	3.75	4.75

The 3 in. is divided into 16ths and 64ths of an inch on one side and 32ds and 64ths on the other. The balance are divided on both sides into 16ths and 32ds of an inch. The size given is the length of either arm on the outside.

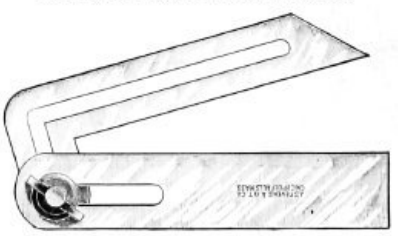


Bright Steel, Not Hardened.

No. 200—Inches, 3	4	6	9	12
Beam, - 2	2 9/16	3¾	5	6 1/16 in.
Weight, - 2	5	9	22	48 oz.
Each, - $2.00	2.50	3.50	4.50	6.00

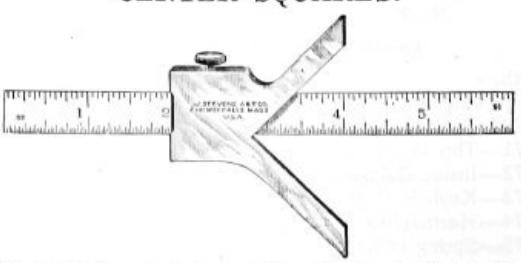
The size given is the extreme length of blade over all. The blade is secured to the center of the beam, divided into 32ds of an inch.

UNIVERSAL BEVELS.



No. 125—3 in., crucible sheet steel, w't 1½ oz., - each $1.50

CENTER SQUARES.



No. 137—6×½ in., all steel, back beveled for depth gauge, w't 3 oz. - - - - - - - - each $2.25

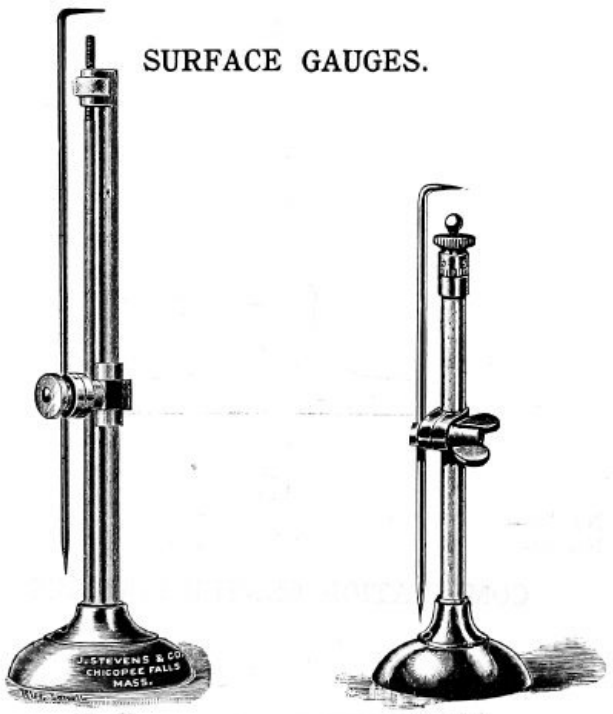
STEVENS MACHINISTS' TOOLS.

DEPTH AND SURFACE GAUGES.

No. 85. No. 58.

No. 85—Depth Gauges, polished, sheet steel, ground edge and beveled, w't 1½ oz., - - - - - each $0.50
No. 58—Surface Gauges, all steel, polished, hardened base, ground true, w't 12 oz., - - - - each 2.00

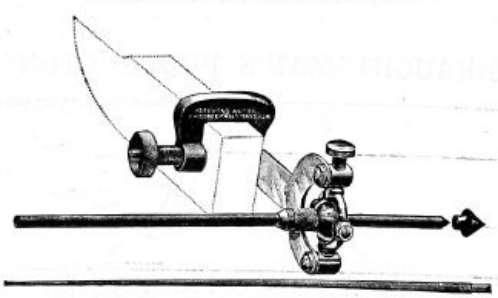
SURFACE GAUGES.



No. 59. No. 59½.

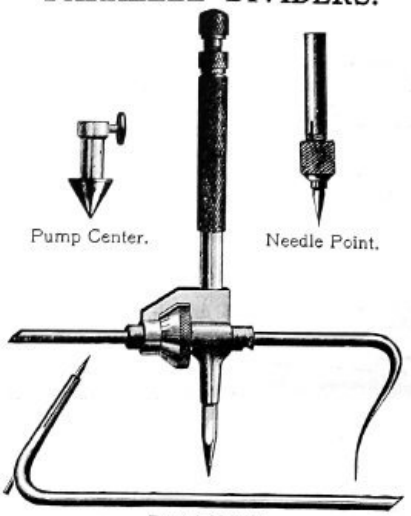
No. 59 — 8 in., IDEAL, especially designed for planer work, w't 17 oz., - - - - - - - each $2.00
No. 59 —12 in., otherwise same as above, w't 20 oz., " 2.75
No. 59½— 6 in., micrometer, all steel, adjustable to one-thousandth of an inch, w't 15 oz., - - - each 2.50

CENTER INDICATORS.



No. 140—Steel clamp, lancewood tip, tempered steel yoke, w't 2 oz., - - - - - - - - each $2.00

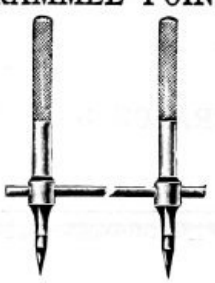
PARALLEL DIVIDERS.



Pencil Holder.

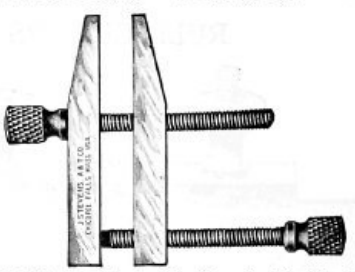
No. 110—Without extras, w't 1½ oz., - - each $2.00
Pump Centers, w't 1 oz., - - - " .25
Pencil Holders, w't ½ oz., - - - - " .50
Needle Points, w't 1 oz., - - - - " .50
Long Bars, for 24 in. circle, w't 4 oz., - - " .50

TRAMMEL POINTS.



No. 112—Finely finished, 18 in. round bar, w't 3 oz., - each $1.50

TOOLMAKERS' CLAMPS.



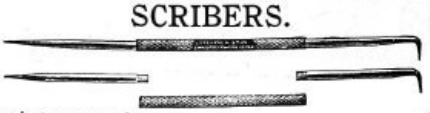
No. 145. All Steel, Case Hardened, Finished.

Opening, -	1½	2⅛	2¾	3⅜ in.
Weight, - -	1	2	3½	5 oz.
Each, - -	$0.50	.65	.75	.90

SCRATCH GAUGES.

No. 130—Hardened steel, center screw adjustment, w't 2 oz., - - - - - - - - each $1.75

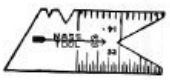
SCRIBERS.



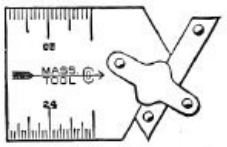
No. 80—Steel, tempered, - each $0.30

MASS. TOOL CO'S MACHINISTS' TOOLS.

CENTER AND NOTCH GAUGES.



No. 40.



No. 44.

No. 40—Improved, tempered steel, w't ½ oz., - each $0.30
No. 44—Adjustable notch, tempered crucible steel, all angles accurately ground, w't 1½ oz., - - - each .50

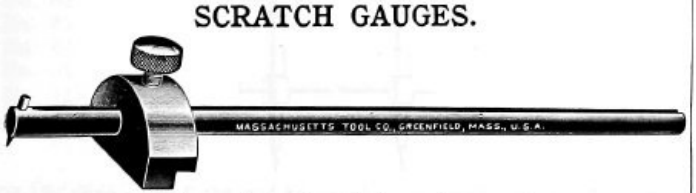
DRILL AND REAMER HOLDERS.

Nos.	67	68	69
Diameter,	¼	⅜	½ in.
Length,	3¼	4¼	5¼ in.
Holds,	5/32	7/32	9/16 in.
Weight,	1	2½	5 oz.
Each,	$0.25	.35	.50

TOOL WRENCHES.

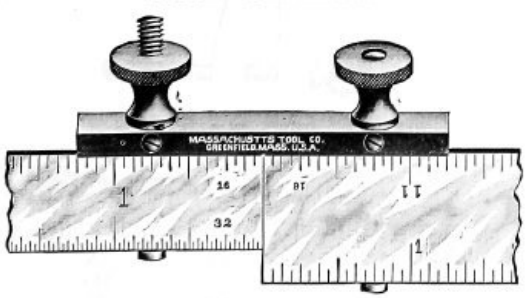
No. 66—3 in. steel, takes in round, square or oval shanks, w't 2 oz., - - - - - - - - each $0.50

SCRATCH GAUGES.



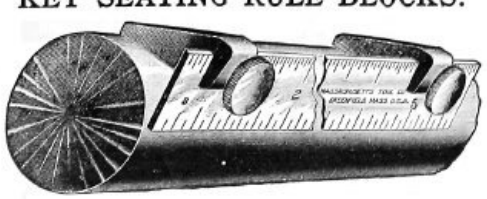
No. 60—Best quality tool steel, beveled scratch point, w't 2 oz., each, - - - - - - - - - $0.50

RULE CLAMPS.



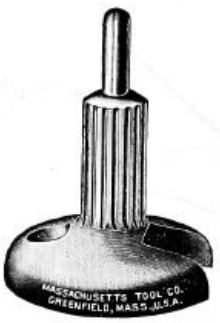
No. 76—Steel, highly polished, w't 2½ oz., - - each $0.50

KEY SEATING RULE BLOCKS.



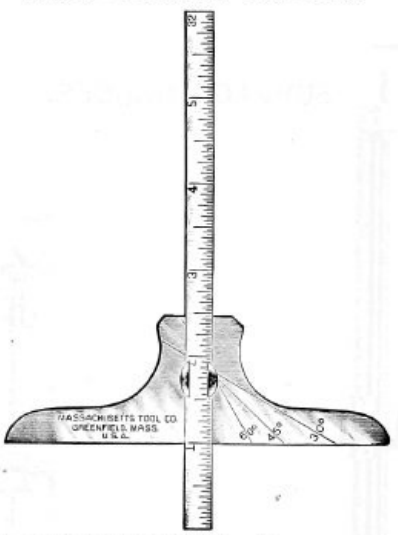
No. 77—Steel, light, strong and well finished, w't 2 oz., each $0.75

CENTER PUNCHES.



No. 65—Cast steel, w't 2 oz., - - - - each $0.50

RULE DEPTH GAUGES.

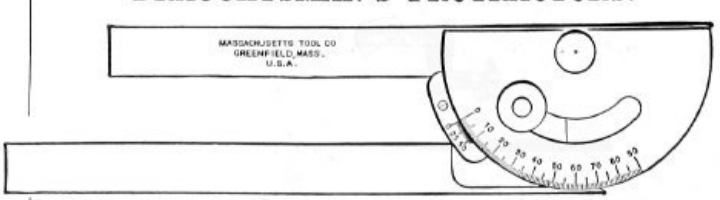


No. 79—4 in., tempered steel, w't 2 oz., - - each $1.10
No. 80—6 in., tempered steel, w't 2¼ oz., - - " 1.25

COMBINATION CENTER SQUARES.

No. 78—6 in., tempered steel rule, steel frame, w't 3 oz., each, - - - - - - - - - $2.25

DRAUGHTSMAN'S PROTRACTORS.



No. 50—9 in. blade, arc 4 in. in diameter, nickel plated, dull finish, w't 8 oz., - - - - - - each $4.00

NAIL SETS, PUNCHES AND COLD CHISELS.

NAIL SETS.

No. 13—Buck Bros.', square, extra cast steel, polished, assorted 1/16 to 1/8 in., length 4 in., w't per doz. 3/4 lb., per dozen $3.00

THREE DOZEN IN A BOX.

No. 450—Tool steel, cup point, knurled handle, assorted 3/32, 1/32 and 5/32 in., length 4 in., w't per doz. 1 1/2 lbs. . . . per dozen $2.00

ONE DOZEN IN A BOX.

No. 38 **OVD**—Cup point, blued knurled handle, assorted 3/32, 1/32 and 5/32 in., length 5 in., w't per doz. 1 1/2 lbs. per dozen $2.00

No. 38 1/2 **OVD**—3/32 and 1/32 in., otherwise same as No. 38. . . . . per dozen 2.00

No. 40 **OVD**—5/32 in., otherwise same as No. 38 . . . . . per dozen 2.00

No. 39 **OVD**—Cup point, blued, 7/16 in., length 5 in., 1/4 in. point, w't per doz. 2 1/3 lbs., per dozen. 3.00

ONE DOZEN IN A BOX.

No. 3 **OVD**—Car Builders', high grade tool steel, 3/4 x 5 in. oil finished octagon barrel, 1/4 in. cup point, polished taper, w't per doz. 7 lbs. per dozen $6.00

These nail sets are for use on large nails and spikes.

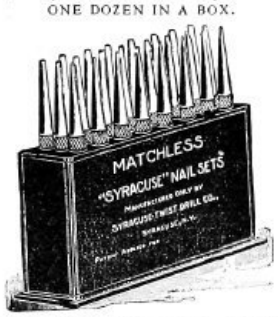
HALF DOZEN IN A BOX.

No. 35 **OVD**—Cast steel, cup point, knurled handle, assorted 1/16 to 1/8 in., length 3 3/4 in., w't per doz. 1 lb., per dozen $2.50

No. 35 1/2 **OVD**—Cast steel, cup point, knurled handle, 1/16 in. only, length 3 3/4 in., w't per doz. 1 lb. . . . . per dozen 2.50

No. 34 **OVD**—Cast steel, cup point, knurled handle, 3/32 in. only, length 3 3/4 in., w't per doz. 1 lb. . . . . per dozen 2.50

ONE DOZEN IN A BOX.



No. 37—Cast steel, cup point, knurled handle, blued, assorted 3/32, 1/32 and 5/32 in., length 4 in., in cloth covered wood form, w't per box 1 1/2 lbs. . per box $4.00

TWO DOZEN IN A BOX.

No. 92—Syracuse, cast steel, cup point, knurled handle, blued, 3/32 in. only, length 4 in., w't per doz. 3/4 lb., per dozen 2.75

No. 93—1/32 in. only, otherwise same as No. 92. . . . . per dozen 2.75

ONE DOZEN IN A BOX.

SADDLERS' OR BELT PUNCHES.

OVD, Length 4 Inches, Forged from Fine Tool Steel, Polished Handle, Blued Barrel, Evenly Tempered, Carefully Milled, Reamed to Allow Easy Clearance in Punching.

OVD, sizes 1, 2, 3, 4, 5 and 6, w't per doz. 1 1/4 lbs. . . . . per dozen $4.00

OVD, sizes 7, 8 and 9, w't per doz. 1 1/2 lbs. . . . . per dozen 4.50

OVD, sizes 10 and 12, w't per doz. 2 lbs. . . . . per dozen 6.50

ONE DOZEN IN A BOX.

Cast Steel, Oil Finished, Length 3-1/4 Inches.

No. 50—Sizes, 1, 2, 3, 4, 5 and 6, separate or assorted, w't per doz. 3/4 lb., per dozen $2.00

No. 50—Sizes, 7, 8 and 9, separate or assorted, w't per doz. 1 1/4 lbs. . . . per dozen 2.25

No. 50—Sizes, 10 and 12, w't per doz. 1 1/3 lbs. . . . . per dozen 3.25

Tool Steel, Tempered, Length 3-1/2 Inches.

No. 52—Sizes, 1, 2, 3, 4, 5 and 6, separate or assorted, w't per doz. 7/8 lb., per dozen $2.00

No. 52—Sizes 7, 8 and 9, separate or assorted, w't per doz. 1 1/8 lbs. . . per dozen 2.25

No. 52—Size 10, w't per doz. 1 3/4 lbs., per dozen. 2.50

ONE DOZEN IN A BOX.

Syracuse, Fine Tool Steel, Knurled and Polished, Length 4 Inches.

No. 60—Sizes	1	2	3
Diameter	5	6	7-64ths in.
W't per doz.	1	1	1 1/8 lbs.
Per dozen	$8.00	8.00	8.00
No. 60—Sizes		**4**	**5**
Diameter		8	9-64ths in.
W't per doz.		1 1/8	1 1/4 lbs.
Per dozen		$8.00	8.00
No. 60—Sizes	**6**	**7**	**8**
Diameter	10	12	14-64ths in.
W't per doz.	1 1/4	1 5/8	1 5/8 lbs.
Per dozen	$9.00	9.00	9.00
No. 60—Sizes	**9**	**10**	**12**
Diameter	16	18	22-64ths in.
W't per doz.	2	2 1/4	3 3/4 lbs.
Per dozen	$12.00	12.00	16.00

Strictly high grade and mechanically perfect. Made of special steel and evenly tempered. The knurling is large and full, and the heads and points milled to exact gauge. They cut freely and the punchings will not clog in the holes Warranted to hold an edge and sure to please.

ONE DOZEN IN A BOX.

No. 70—Rogers, fine quality steel, length 3 in. closed, 5 1/4 in. when open, wt. per doz. 2 lbs. . . . . per dozen $9.00

A handy vest pocket punch. Adjustable blade, can cut any size hole from 1/16 to 3/8 in., easily sharpened on a stone when dull. Cutter pushed into handle when not in use.

ONE DOZEN IN A BOX.

MACHINE PUNCHES.

No. 10—1/4 in., octagon, cast steel, 1/8 in. point, length 7 in., w't per doz. 4 1/2 lbs., per dozen $2.00

HALF DOZEN IN A BOX.

No. 5 **OVD**—5/8 in., cast steel, extra quality, 3/16 in. point, length 9 in., w't per doz. 8 lbs. . . . . per dozen $4.50

HALF DOZEN IN A BOX.

OVD, Forged from High Grade Octagon Tool Steel, Polished Taper, Oil Finished Barrel.

Nos.	11	12	13	14
Sizes	6x1/2	6x1/2	6x1/2	6x1/2 in.
Size at point	3/32	4/32	5/32	6/32 in.
W't per doz.	3	3 1/8	3 1/8	3 1/8 lbs.
Per dozen	$2.25	2.25	2.25	2.25

Nos.	15	16	Assorted
Sizes	6x1/2	6x1/2	6x1/2 in.
Size at point	7/32	8/32	3/32 to 8/32 in.
W't per doz	3 1/8	3 1/8	3 1/8 lbs.
Per dozen	$2.25	2.25	2.25

Nos.	18	19	20
Sizes	8x1/2	9x5/8	10x3/4 in.
Size at point	4/16	5/32	1/4 in.
W't per doz	5	7 1/2	13 lbs.
Per dozen	$3.25	4.75	8.00

These punches have a special taper, forged straight to allow clearance in work.

ASSORTED, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

COLD CHISELS.

OVD High Grade Octagon Tool Steel, Extra Quality and Finish, Half Polished.

Inches	1/4	3/8	1/2	5/8
Size at point	5/16	7/16	5/8	3/4 in.
Length	5	5 3/4	6 1/4	6 3/4 in.
W't per doz.	1 1/4	2 1/4	4 1/4	7 lbs.
Per dozen	$2.00	2.25	2.50	4.00
Inches		**3/4**	**7/8**	**1**
Size at point		7/8	1 1/8	1 1/4 in.
Length		7 1/2	7 1/2	7 1/2 in.
W't per doz.		11	14 1/2	19 lbs.
Per dozen		$6.00	7.00	10.00

1/4 AND 3/8 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

Octagon Cast Steel, Half Polished.

No. 4—Inches	1/4	3/8	1/2	5/8
Size at point	1/4	1/2	11/16	13/16 in.
Length	5 1/2	5 3/4	6 1/4	7 in.
W't per doz.	1 3/4	2 1/4	4 1/4	7 lbs.
Per dozen	$0.60	.80	1.20	2.00
No. 4—Inches		**3/4**	**7/8**	**1**
Size at point		1	1 1/16	1 1/4 in.
Length		7 1/2	7 3/4	8 in.
W't per doz.		11	15	20 lbs.
Per dozen		$3.00	4.00	5.00

1/4 AND 3/8 IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

PUNCHES.

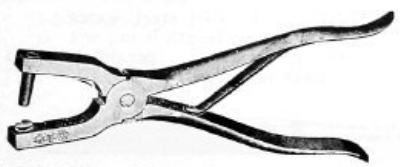
SPRING PUNCHES.

Spring Punches are forged from the best tool steel.

The Grip with its mild curve exactly fits the hand.

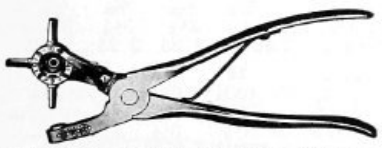
The Cutting Tubes are made of tool steel, tapered to allow easy escape of leather and can be changed.

The Cutting Seat is copper to protect cutting edges.



No. 21 —Single tube, drop forged tool steel, polished, tube and spring straw color, assorted sizes, length 9 in., w't per doz. 8 lbs.....per dozen $5.00

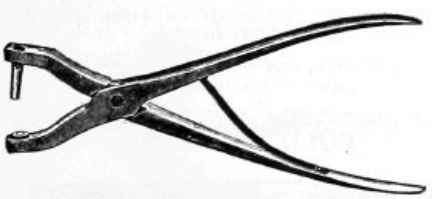
HALF DOZEN IN A BOX.



No. 24 —4 tubes, drop forged tool steel, polished, tubes and spring straw color, sizes, 4, 6, 8 and 10, length 9 in., w't per doz. 10 lbs.....per dozen $10.00

No. 10—Extra tubes..... " 1.40

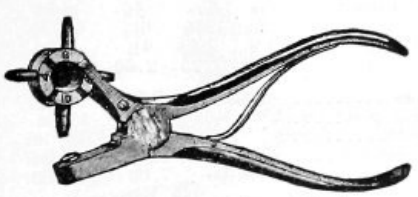
HALF DOZEN IN A BOX.



No. 544—Single tube, cast steel, polished, assorted sizes from 3 to 9, length 7½ in., w't per doz. 5¼ lbs..per dozen $4.25

No. 20—Extra tubes..... " 1.40

ONE DOZEN IN A BOX.



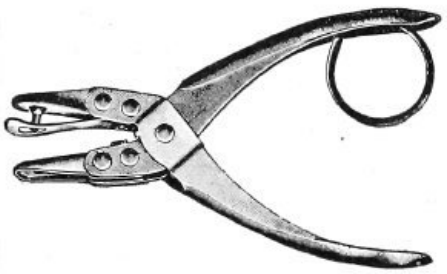
No. 4—4 tube, cast steel, polished, sizes 4, 6, 8 and 10, length 9 in., w't per doz. 8 lbs.....per dozen $10.00

No. 6—6 tube, otherwise same as No. 4, per dozen..... 16.00

No. 30—Extra tubes.....per dozen 1.40

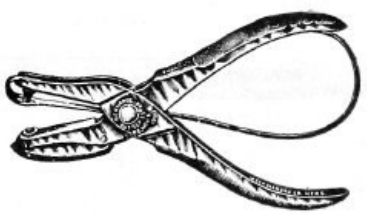
HALF DOZEN IN A BOX.

CONDUCTORS' PUNCHES.



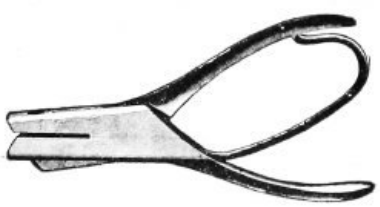
No. 22—Wrought steel, nickel plated, fancy holes, assorted, length 5 in., w't per doz. 2 lbs.....per dozen $5.00

HALF DOZEN IN A BOX.



No. 260—Wrought steel, nickel plated, with reservoir, fancy holes, length 5 in., w't per doz. 2 lbs.....per dozen $6.00

HALF DOZEN IN A BOX.

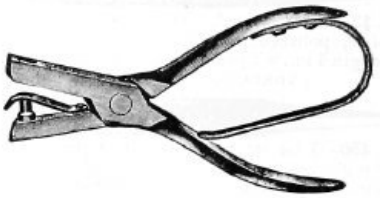


No. 12—Polished, with fancy holes, assorted, length 4½ in., w't per doz. 2½ lbs.....per dozen $ 7.00

No. 120—*Nickel plated*, otherwise same as No. 12, w't per doz. 2½ lbs., per dozen 10.00

HALF DOZEN IN A BOX.

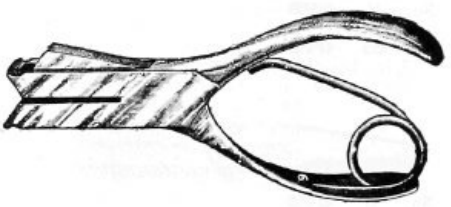
CONDUCTORS' PUNCHES.



No. 36 — Polished, round hole, length 4½ in., w't per doz., 2¾ lbs. per dozen $ 8.00

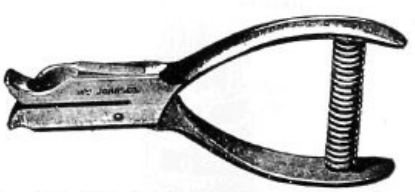
No. 137—Nickel plated, fancy holes, assorted, length 4½ in., w't per doz. 2½ lbs.....per dozen 10.50

ONE DOZEN IN A BOX.



No. 38—Nickel plated, fancy holes, assorted, length 5¼ in., w't per doz. 3 lbs.....per dozen $15.00

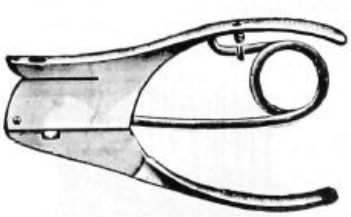
HALF DOZEN IN A BOX.



No. 263—Nickel plated, fancy holes, assorted, length 4¾ in., w't per doz. 3¾ lbs.....per dozen $27.00

This is one of the best punches made for street car transfers and other tickets, as the numbers to be punched can be plainly seen through the punch.

HALF DOZEN IN A BOX.



No. 44—Nickel plated, fancy holes, assorted, length 4 in., w't per doz. 4 lbs., per dozen..... $28.00

ONE IN A BOX.

PLIERS.

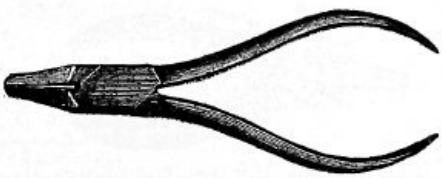
FLAT NOSE.

"OUR VERY BEST."

Hand Forged from Best Special Swedish Plier Steel, Close Fitting Box Joints, Polished Jaws, Gun Metal Finish Handles.

No. 60 GVB—Inches	4	5	6	7
W't per doz.	1¾	2	3½	6 lbs.
Per dozen	$5.50	7.50	10.00	13.00

HALF DOZEN IN A BOX.



GERMAN, Forged Steel, Oil Finished, Bright Jaws.

Nos.	14	15	16	17	18
Inches	4	5	6	7	8
W't per doz.	1¼	2	3½	5	6½ lbs.
Per dozen	$1.80	2.40	3.30	4.20	5.70

NOS. 14 TO 16 ONE DOZEN; NOS. 17 AND 18 HALF DOZEN IN A BOX.

P. S. & W. CO's, Cast Steel, Forged, Oil Finished, Polisned Jaws.

Nos.	94	95	96	97
Inches	4	5	6	7
W't per doz.	1½	2½	3¾	6¼ lbs.
Per dozen	$4.50	5.00	6.00	8.50

HALF DOZEN IN A BOX.

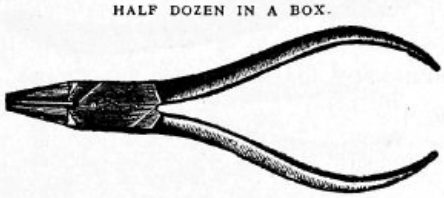
ROUND NOSE

"OUR VERY BEST."

Hand Forged from Best Special Swedish Plier Steel, Close Fitting Box Joints, Polished Jaws, Gun Metal Finish Handles.

No. 62 GVB—Inches	4	5	6	7
W't per doz.	1¼	1¾	3¼	5½ lbs.
Per dozen	$5.50	7.50	10.00	13.00

HALF DOZEN IN A BOX.



GERMAN, Forged Steel, Oil Finished, Bright Jaws.

Nos.	34	35	36	37	38
Inches	4	5	6	7	8
W't per doz.	2	2¼	3¼	4¾	6 lbs.
Per dozen	$1.80	2.40	3.30	4.20	5.70

NO. 38 HALF DOZEN; BALANCE ONE DOZEN IN A BOX.

P. S. & W. CO.'s, Cast Steel, Forged, Oil Finished, Polished Jaws.

Nos.	114	115	116	117
Inches	4	5	6	7
W't per doz.	1¼	2½	3½	6 lbs.
Per dozen	$4.50	5.00	6.00	8.50

HALF DOZEN IN A BOX.

ELECTRICIANS'.

"OUR VERY BEST."

Round Nose.

No. 67 GVB—5½ in., hand forged, lock joint, long polished jaws, gun metal finish handles, w't per doz. 2 lbs. ..... per dozen $9.00

HALF DOZEN IN A BOX.

"OUR VERY BEST."

Round Nose Side Cutting.

No. 69 GVB—5½ in., hand forged box joint, long polished jaws, gun metal finish handles, w't per doz. 2¼ lbs. ..... per dozen $15.00

HALF DOZEN IN A BOX

"OUR VERY BEST."

Flat Nose.

No. 63 GVB—5½ in., hand forged, lock joint, long polished jaws, gun metal finish handles, w't per doz. 2 lbs. ..... per dozen $9.00

HALF DOZEN IN A BOX.

"OUR VERY BEST."

Flat Nose Side Cutting.

No. 65 GVB—5½ in., hand forged, box joint, long polished jaws, gun metal finish handles, w't per doz. 2¼ lbs. ..... per dozen $15.00

HALF DOZEN IN A BOX.

FLAT NOSE SIDE CUTTING.

"OUR VERY BEST."

Hand Forged from Best Crucible Steel, Close Fitting Box Joints, Polished Jaws, Gun Metal Handles.

No. 71 GVB—Inches.	4	5	6
W't per doz.	3	4	5 lbs.
Per dozen	$13.00	14.00	16.50

HALF DOZEN IN A BOX.

GERMAN, Forged Steel, Oil Finished, Bright Jaws.

Nos.	54	55	56
Inches	4	5	6
W't per doz.	2	3	4 lbs.
Per dozen	$7.20	8.00	9.00

HALF DOZEN IN A BOX.

LINEMEN'S.

"OUR VERY BEST."

No. 380 GVB—8 in., forged tool steel, highly polished jaws, with hard rubber insulated handles, w't per doz. 13 lbs. ..... per dozen $42.00

The rubber is a special composition, seamless, moulded to the handles, and almost unbreakable, offering a perfect resistance of about 2,000 volts.

ONE IN A BOX.

"OUR VERY BEST."

Crucible Steel, Highly Polished, Bright Jaws, Gun Metal Finished Handles, with Wire Cutter.

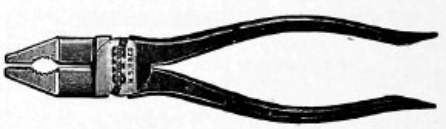
No. 260 GVB—6 in., w't per doz. 5⅔ lbs. ..... per dozen $24.00

No. 270 GVB—7 in., w't per doz. 8 lbs. ..... per dozen 26.00

No. 280 GVB—8 in., w't per doz. 12¼ lbs. ..... per dozen 28.00

ONE IN A BOX.

COMBINATION.



"OUR VERY BEST."

SEXTET, Special Swedish Plier Steel, Polished Jaws, Gun Metal Finish Handles, Combines Flat Nose, Gas, Side and Wire Cutter Pliers, Screw Driver and Reamer.

No. 73 GVB—Inches.	6	7	8
W't per dozen	5½	7½	9½ lbs.
Per dozen	$15.00	18.00	21.00

ONE IN A BOX.

Cast Steel, Forged, Raised Cutters, Oil Finished, Lap Joint, Polished Jaws.

Nos.	160	170	180
Inches	6	7	8
W't per doz.	5	6	10 lbs.
Per dozen	$13.50	17.00	20.00

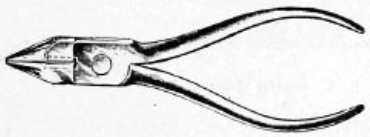
HALF DOZEN IN A BOX.

No. 595—6 in., full nickel plated, gas plier, side wire cutter, screw driver and reamer, w't per doz. 3¼ lbs. ..... per dozen $7.00

HALF DOZEN IN A BOX.

PLIERS AND NIPPERS.

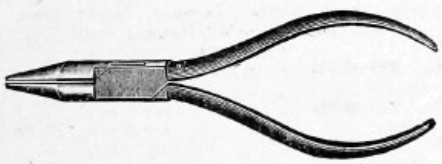
MILLINERS' PLIERS



No. 464—5 in., cast steel, bright polished, combination oval nose and side cutting nipper, w't per doz. 2½ lbs., per dozen..... $ 8.50

No. 1703—5 in., nickel plated, extra quality cast steel, combination oval nose and side cutting nipper, w't per doz. 2½ lbs.....per dozen 10.50

NO. 464 ONE DOZEN; NO. 1703 HALF DOZEN IN A BOX.

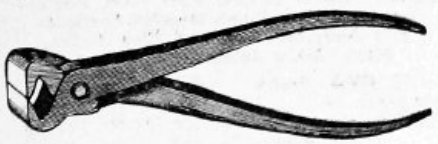


Forged from Best Crucible Steel, Round Pointed Nose, Raised Side Cutters, Box Joint, Polished Jaws, Especially for Milliner's Work, to Cut Fine Covered Cord.

No. 5922—Inches.....	5	6
W't per doz.....	2	3 lbs.
Per dozen.....	$11.25	13.75

HALF DOZEN IN A BOX.

END CUTTING NIPPERS.



GERMAN, Stubb's Pattern, Forged Steel, Oil Finished, Polished Jaws.

Nos.....	74	75	76
Length.....	4	5	6 in.
W't per doz.....	3½	5	7½ lbs.
Per dozen.....	$7.50	8.00	9.00

HALF DOZEN IN A BOX.

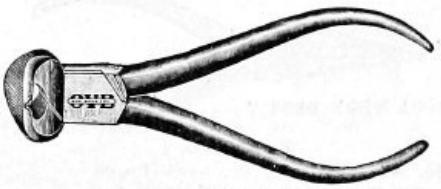
GERMAN, Box Joint, Forged Steel, Oil Finished, Polished Jaws.

No. 140—5 in., w't per doz. 3¼ lbs., per dozen..... $ 9.50

No. 150—6 in., w't per doz. 4¼ lbs., per dozen..... 11.00

HALF DOZEN IN A BOX.

END CUTTING NIPPERS.

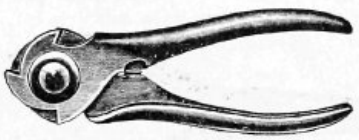


"OUR VERY BEST"

Hand Forged from Special Swedish Plier Steel, Box Joint, Polished Jaws, Gun Metal Finish Handles.

No. 77 CVB—Inches..	4	5	6
W't per doz.....	2½	4	5½ lbs.
Per dozen.....	$9.50	11.50	13.50

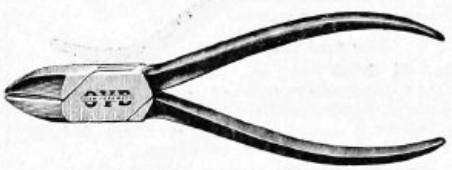
HALF DOZEN IN A BOX.



No. 25—LITTLE GIANT, 3 in., stamped steel, for cutting soft iron and brass wire, w't per doz. 1¾ lbs..... per dozen $2.40

HALF DOZEN IN A BOX.

DIAGONAL CUTTING PLIERS.

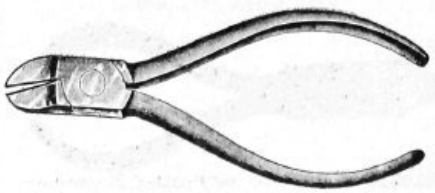


"OUR VERY BEST"

Swedish Pattern, Crucible Steel, Box Joint, Polished Jaws, Gun Metal Finish Handles.

No. 27 CVB—Inches..	5	5½	6
W't per doz.....	2¼	2¾	3 lbs.
Per dozen.....	$12.00	13.00	14.00

HALF DOZEN IN A BOX.



No. 452—GERMAN, forged steel box joint, polished flat jaws, length 5 in., w't per doz. 2½ lbs..... per dozen $8.00

ONE DOZEN IN A BOX.

FLAT NOSE PLIERS.

LODI, Wrought Steel, Bright.

Nos.....	124	125	126
Length.....	4	5	6 in.
W't per doz....	1	1½	2¾ lbs.
Per dozen.....	$1.00	1.50	2.00

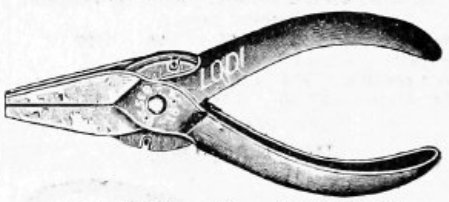
ONE DOZEN IN A BOX.

PARAGON, Wrought Steel, Nickel Plated.

Nos.....	224	225	226
Length.....	4	5	6 in.
W't per doz....	1	2	3 lbs.
Per dozen.....	$2.00	3.00	4.00

HALF DOZEN IN A BOX.

CUTTING PLIERS.



LODI, Flat Nose, Wrought Steel, Bright.

Nos.....	135	136	137	138
Length.....	5	6	7	8 in.
W't per doz....	2½	4	6½	8½ lbs.
Per dozen.....	$2.00	3.00	4.00	5.50

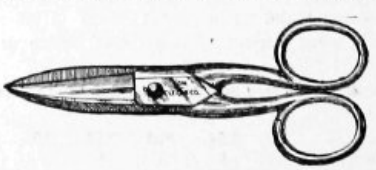
ONE DOZEN IN A BOX.

BERNARD'S, Crucible Steel, Full Nickel Plated, Parallel Jaws.

Nos.....	90	91	92	93
Length.....	4½	5½	6½	8 in.
W't per doz....	3	4¾	6½	12 lbs.
Per dozen.....	$11.50	14.50	17.50	23.50

HALF DOZEN IN A BOX.

ELECTRICIANS' SCISSORS.



No. 2644¼—5¼ in., full nickel plated, file back, w't per doz. 2 lbs.. per dozen $10.50

ONE DOZEN IN A BOX.

WIRE CUTTERS, PLIERS AND STAPLE PULLERS.

BUTTON PLIERS AND WIRE CUTTERS.

"OUR VERY BEST."
Extra Quality Steel, Full Polished.

No. 47 ⊕V⊕—In.	4½	6	8	10
Cut wire No.	14	11	8	6
W't per doz.	2¼	4	7¼	11 lbs.
Per dozen	$10.00	12.00	15.00	20.00

A highly finished high grade tool for constant use, the handle is rounded and fits the hand.

HALF DOZEN IN A BOX.

"OUR VERY BEST."
Stop Joint, Highest Grade Tool Steel, Full Polished, Beveled Jaws.

No. 57 ⊕V⊕ Inches	4½	6	8	10
Cut wire No.	14	11	8	6
W't per doz.	2¼	4	8	13 lbs.
Per dozen	$11.00	12.00	15.00	20.00

When open, the wire cutters stop opposite each other so that the plier is always ready to receive the wire. The jaws are beveled to prevent breaking wire in twisting it.

HALF DOZEN IN A BOX.

"REV-O-NOC."
BUTTON'S, Cast Steel, Oiled Finish, Polished Jaws.

Nos.	44½	46	48	50
Inches	4½	6	8	10
Cut wire No.	14	11	8	6
W't per doz.	2¼	4	7¼	11 lbs.
Per dozen	$10.00	12.00	15.00	20.00

HALF DOZEN IN A BOX.

GENUINE BUTTON'S, Cast Steel, Oiled Finish, Polished Jaws.

Nos.	64½	66	68
Inches	4½	6	8
Cut wire No.	14	11	8
W't per doz.	2	4¼	7½ lbs.
Per dozen	$10.00	12.00	15.00
Nos.		70	72
Inches		10	12
Cut wire No.		6	6
W't per doz.		13	24 lbs.
Per dozen		$20.00	30.00

HALF DOZEN IN A BOX.

CRONK'S, Cast Steel, Bright Jaws.

No. 198— 8 in., w't per doz. 9 lbs., per dozen $15.00

No. 200—10 in., w't per doz. 14 lbs., per dozen 20.00

HALF DOZEN IN A BOX.

FENCING PLIERS.

No. 12—CRONK'S, forged tool steel, polished jaws, combining plier, wire cutter, staple puller and hammer, length 11 in., w't per doz. 21 lbs. ..per dozen $18.00

HALF DOZEN IN A BOX.

BURNER PLIERS.

"OUR VERY BEST."
Full Polished, Drop Forged Tool Steel, Tempered in Oil.

⊕V⊕, 5 in., w't per doz. 3¼ lbs., per dozen $7.00

⊕V⊕, 6 in., w't per doz. 4¾ lbs., per dozen 8.00

HALF DOZEN IN A BOX.

Extra Quality Steel, Oil Finished, Polished Jaws.

No. 5—5 in., w't per doz. 3¼ lbs., per dozen $6.00

No. 6—6 in., w't per doz. 4¼ lbs., per dozen 7.00

NO. 5, ONE DOZEN; NO. 6, HALF DOZEN IN A BOX.

GAS PLIERS.

"OUR VERY BEST."
Full Polished, Drop Forged Tool Steel, Tempered in Oil.

⊕V⊕—In.	8	10	12
W't per doz.	8	11	15 lbs.
Per dozen	$9.25	12.50	14.50

HALF DOZEN IN A BOX.

Cast Steel, Oil Finished, Polished Jaws.

Nos.	8	10	12
Inches	8	10	12
W't per doz.	7¼	11¼	16 lbs.
Per dozen	$8.25	10.70	13.00

HALF DOZEN IN A BOX.

COMBINATION PLIERS.

No. 3120—6 in. nickel plated, cast steel, combining gas plier, wire cutter, wrench and screw driver, w't per doz. 6 lbs. ..... per dozen $15.00

Extra Bolts and nuts for No. 3120, per dozen 1.20

ONE IN A BOX.

BILLINGS' & SPENCER'S, Cast Steel, Oil Finished, Combining Gas Plier, Wire Cutter, Wrench and Screw Driver.

Nos.	310	310½	311
Inches	6	8	10
W't per doz.	6	8	12 lbs.
Per dozen	$13.50	16.00	18.00

ONE IN A BOX.

BILLINGS' & SPENCER'S, Cast Steel, Nickel Plated, Combining Gas Plier, Wire Cutter, Wrench and Screw Driver.

Nos.	312	312½	313
Inches	6	8	10
W't per doz.	6	8	12 lbs.
Per dozen	$15.00	18.00	21.00

ONE IN A BOX.

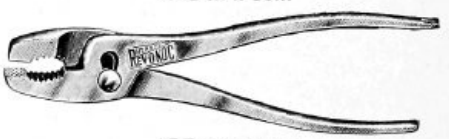
COMBINATION PLIERS.

"REV-O-NOC."
High Grade Tool Steel, Drop Forged, Combining Gas Plier, Wire Cutter, Wrench and Screw Driver.

No. 320 REV-O-NOC—6 in., *oil finished*, w't per doz. 6 lbs. ..... per dozen $13.50

No. 322 REV-O-NOC—6 in., *nickel plated*, w't per doz. 6 lbs. ..... per dozen 15.00

ONE IN A BOX.



"REV-O-NOC."
High Grade Tool Steel, Drop Forged, Combining Gas Plier, Wire Cutter, Wrench and Screw Driver.

No. 320½ REV-O-NOC—8 in., *oil finished*, w't per doz. 9 lbs. ..... per dozen $16.00

No. 321 REV-O-NOC—10 in., *oil finished*, w't per doz. 12 lbs. ..... per dozen 18.00

No. 322½ REV-O-NOC—8 in., *nickel plated*, w't per doz. 9 lbs. ..... per dozen 18.00

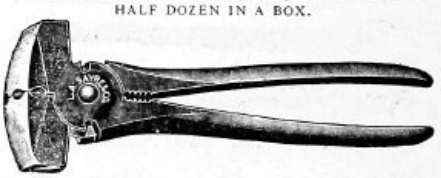
No. 323 REV-O-NOC—10 in., *nickel plated*, w't per doz. 12 lbs. ..... per dozen 21.00

ONE IN A BOX.

STAPLE PULLERS.

No. 9—MARSHALLTOWN, ½ in., octagon, crucible steel, tempered points, length 9 in., w't per doz. 7 lbs. ..... per dozen $4.00

HALF DOZEN IN A BOX.



No. 210—CHAMPION, forged tool steel, oil finished, combining staple puller, wire cutter, splicer and hammer, length 10 in., w't per doz. 22 lbs. per dozen $18.00

This tool is especially well adapted for pulling and drawing staples. Warranted.

HALF DOZEN IN A BOX.

No. 010—HERCULES, cast steel, bright jaws, combining wire cutter, staple puller, splicer and hammer, length 10 in., w't per doz. 21 lbs. ..per dozen $18.00

HALF DOZEN IN A BOX.

No. 104—"BLACK BULL," forged steel, polished jaws, blued handles combining wire cutter, staple puller, splicer and hammer, length 10 in., w't per doz. 24 lbs. ..... per dozen $18.00

HALF DOZEN IN A BOX

PINCERS, NUT SPLITTERS AND BOLT CLIPPERS.

CARPENTERS' PINCERS.

"OUR VERY BEST."

Finest Quality, Solid Steel, Polished Jaws.

~~CVD~~ —In.	6	8	10	12
W't per doz.	4¾	9½	13	15 lbs.
Per dozen	$5.00	6.50	7.50	9.00

HALF DOZEN IN A BOX.

AMERICAN, Oiled Finish, Filed Jaws.

Nos.	6	7	8	10	12
Inches	6	7	8	10	12
W't per doz.	4¾	8¾	9½	13	15 lbs.
Per dozen	$3.90	5.10	5.50	6.50	8.00

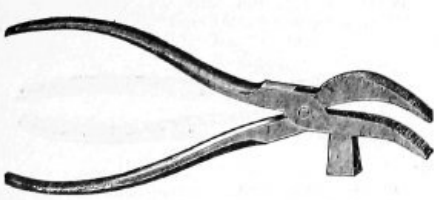
HALF DOZEN IN A BOX.

GERMAN, Oiled Finish, Polished Jaws.

Nos.	16	18	20
Inches	6	8	10
W't per doz.	4½	8¼	16 lbs.
Per dozen	$2.30	4.00	7.20

HALF DOZEN IN A PACKAGE

SHOE PINCERS.



No. 2—Cast steel, full polished, length 8 in., w't 7½ lbs.....per dozen $9.00

ONE DOZEN IN A PACKAGE.

BOLT CLIPPERS.

PORTER'S "NEW EASY," Compound Lever Action, Forged Tool Steel Adjustable Jaws, Japanned Malleable Iron Handles, Rubber Buffers, All Parts Interchangeable.

No. 0—For bolts 5/16 in. and smaller, length 18 in., w't 3 lbs ..... each $3.75
No. 1—For bolts 3/8 in. and smaller, length 24 in., w't 4¼ lbs. ..... " 5.00
Extra Jaws, for No. 0 ..... per pair 1.35
Extra Jaws, for No. 1 ..... " 1.65

These clippers have an adjusting set screw requiring no special schem or wrench.

HALF DOZEN IN A CASE.

PORTER'S "NEW EASY," Compound Lever Action, Forged Tool Steel Adjustable Jaws, Japanned Malleable Iron Handles, Rubber Buffers, All Parts Interchangeable.

No. 2—For bolts ½ in. and smaller, length 30 in., w't 7½ lbs. ..... each $7.00
No. 3—For bolts 5/8 in. and smaller, length 36 in., w't 12½ lbs. ..... " 9.00
Extra Jaws, for No. 2 ..... per pair 2.35
Extra Jaws, for No. 3 ..... " " 3.00

These clippers have an adjusting set screw requiring no special schem or wrench.

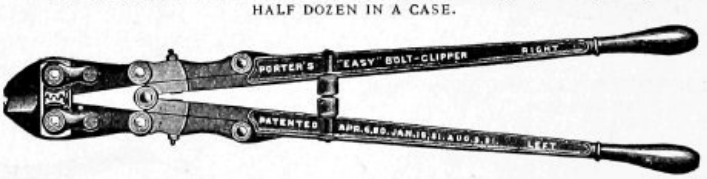
HALF DOZEN IN A CASE.

PORTER'S "EASY," Compound Lever Action, Forged Tool Steel Adjustable Jaws, Japanned Malleable Iron Handles, Rubber Buffers, All Parts Interchangeable.

No. 11—For bolts 3/8 in. and smaller, length 24 in., w't 4¼ lbs. ..... each $5.00
Extra Jaws, for No. 11 ..... per pair 1.65

A steel schem and wrench is furnished with each clipper for adjusting.

HALF DOZEN IN A CASE.



PORTER'S "EASY," Compound Lever Action, Forged Tool Steel Adjustable Jaws, Japanned Malleable Iron Handles, Rubber Buffers, All Parts Interchangeable.

No. 12—For bolts ½ in. and smaller, length 30 in., w't 7½ lbs. ..... each $7.00
Extra Jaws, for No. 12 ..... per pair 2.35

A steel schem and wrench is furnished with each clipper for adjusting.

HALF DOZEN IN A CASE.

NUT SPLITTERS AND BOLT CLIPPERS.

Is so constructed that it is practically impossible to break or injure the tool in any ordinary class of work. Has three distinct cutting surfaces, parallel, horizontal and nut-splitting. It readily removes nuts which have rusted on bolts. It cuts bolts at different angles, making a clean cut, leaving the bolt in a condition that the nut can be easily removed or replaced. It enables one to clip nuts from stoves in making repairs where you are unable to remove by former methods, and avoids breaking of castings which is almost impossible to prevent without this tool.

Especially adapted for use around stoves and furnaces.

Blades of Jessups' Tool Steel, Polished and Milled to a Fine Cutting Edge. All Plates of Drop Forged, Forty Carbon, Spring Steel, Nicely Polished.

No. 21—CAROLUS, cuts to 3/8 in. bolt, splits nuts from ¼ to 3/8 in., length 22 in., w't 6 lbs each ..... $ 7.00
No. 22—CAROLUS, cuts to ½ in. bolt, splits nuts from 5/16 to ½ in., length 31 in., w't 12 lbs. each 13.00

PINCERS AND FARRIERS' NIPPERS.

Pincers and Pliers are superior in every way. They are made of fine tool steel, carefully tempered and extra finished.

BLACKSMITHS' PINCERS.

Finest Quality Solid Steel, Polished Jaws.

—In	10	12	14
W't per doz.	18	20	25 lbs.
Per dozen	$13.00	13.50	15.50

HALF DOZEN IN A BOX.

Solid Steel, Oil Finished, Polished Jaws.

Nos	410	412	414
Inches	10	12	14
W't per doz.	18	20	25 lbs.
Per dozen	$11.00	11.50	13.50

HALF DOZEN IN A BOX.

LARSON PINCERS.

Special Tool Steel, Japanned, Polished Jaws.

Nos	5	4	2 Heavy
Inches	8	10	12
W't per doz.	6½	15½	21 lbs.
Per dozen	$9.75	10.50	12.75

HALF DOZEN IN A BOX.

No. 1—13 in., hoof-nippers, cast steel, japanned, polished jaws, w't per doz. 21 lbs. ..... per dozen $13.00

HALF DOZEN IN A BOX.

No. 3—14 in., combination, cast steel, polished jaws, for general use, w't per doz. 26 lbs. ..... per dozen $13.50

HALF DOZEN IN A BOX.

FARRIERS' SHOEING PINCERS.

No. 034—14 in., solid steel, polished jaws, w't per doz. 35 lbs. ... per dozen $24.00

ONE-SIXTH DOZEN IN A BOX.

No. 64—HELLER'S, 14 in., cast steel, polished jaws, w't per doz. 33 lbs., per dozen $24.00

ONE-QUARTER DOZEN IN A BOX.

HOOF CUTTING NIPPERS.

Extra Tool Steel, Polished Jaws.

— 12 in., w't per doz. 21 lbs., per dozen	$15.00
— 14 in., w't per doz. 23 lbs., per dozen	16.00

HALF DOZEN IN A BOX.

Solid Steel, Polished Jaws.

No. 30—12 in., w't per doz. 21 lbs., per dozen	$15.00
No. 32—14 in., w't per doz. 23 lbs., per dozen	16.00

HALF DOZEN IN A BOX.

Solid Steel, Full Polished.

No. 220—12 in., w't per doz. 24 lbs., per dozen	$20.00
No. 240—14 in., w't per doz. 31 lbs., per dozen	24.00

ONE IN A BOX.

HOOF CUTTING NIPPERS.

Heller's, Cast Steel, Full Polished.

No. 710—10 in., w't per doz. 18 lbs., per dozen	$19.20
No. 720—12 in., w't per doz. 21 lbs., per dozen	24.00
No. 740—14 in., w't per doz. 31 lbs., per dozen	28.80

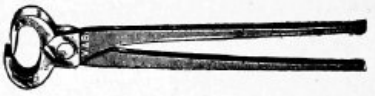
HALF DOZEN IN A BOX.

HOOF PARING NIPPERS.

Extra Cast Steel, Full Polished.

— 12 in., w't per doz. 23½ lbs., per dozen	$24.00
— 14 in., w't per doz. 25½ lbs., per dozen	28.80

HALF DOZEN IN A BOX.



Solid Steel, Polished Jaws.

No. 212—12 in., w't per doz. 23½ lbs., per dozen	$24.00
No. 214—14 in., w't per doz. 25½ lbs., per dozen	28.80

HALF DOZEN IN A BOX.

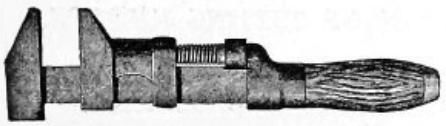
Heller's, Cast Steel, Full Polished.

No. 820—12 in., w't per doz. 22 lbs., per dozen	$24.00
No. 840—14 in., w't per doz. 32 lbs., per dozen	28.80

HALF DOZEN IN A BOX.

WRENCHES.

GIRARD AGRICULTURAL.



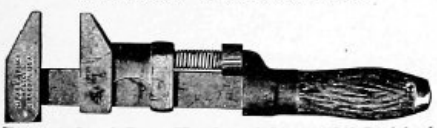
Wrought Steel Bar, Head and Screw, Oil Finished Hardwood Handle.

No. 400—Length.	6	8	10 in.
Opening.....	1	1¼	2 in.
W't per doz.....	8	15	22 lbs.
Per dozen	$10.00	12.00	14.00

No. 400—Length....	12	15 in.
Opening.....	2	2½ in.
W't per doz.....	26	40 lbs.
Per dozen.....	$17.00	24.00

HALF DOZEN IN A PACKAGE. 6 TO 12 IN., SIX DOZEN; 15 IN., THREE DOZEN IN A CASE.

GIRARD STANDARD.



Forged Steel Bar, Head and Screw, Oil Finished Hardwood Handle, Warranted.

No. 401—Length..	6	8	10 in.
Opening.....	1	1¼	1¾ in.
W't per doz.....	8½	15	25 lbs.
Per dozen	$9.00	10.00	12.00

No. 401—Length.	12	15	18 in.
Opening.....	2¼	2¾	3½ in.
W't per doz.....	35	48	75 lbs.
Per dozen	$14.00	24.00	30.00

HALF DOZEN IN A PACKAGE. 6 TO 12 IN., SIX DOZEN; 15 AND 18 IN., THREE DOZEN IN A CASE.

COE'S STANDARD.

Forged Steel Bar, Head and Screw, Hardwood Knife Handle.

Length	6	8	10 in.
Opening.....	⅞	1¼	1¾ in.
W't per doz..	8½	16	26 lbs.
Per dozen ...	$9.00	10.00	12.00

Length	12	15 in.
Opening.....	2¼	2½ in.
W't per doz.....	38	56 lbs.
Per dozen	$14.00	24.00

Length	18	21 in.
Opening.....	3⅛	4 in.
W't per doz.....	81	108 lbs.
Per dozen	$30.00	36.00

6 TO 12 IN., HALF DOZEN; BALANCE, ONE-THIRD DOZEN IN A PACKAGE, 6 TO 12 IN., SIX DOZEN; BALANCE, THREE DOZEN IN A CASE.

ACME STANDARD.

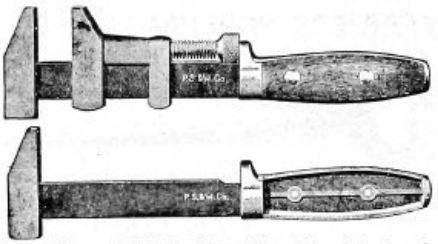
All Steel, Bright Hardened Jaws.

Length.....	6	8	10 in.
Opening.....	1¼	1⅝	2¼ in.
W't per doz.....	10	15	22 lbs.
Per dozen.....	$10.00	12.00	14.00

Length.....	12	15 in.
Opening.....	3½	4 in.
W't per doz.....	36	50 lbs.
Per dozen	$17.00	24.00

HALF DOZEN IN A BOX. SIX DOZEN IN A CASE.

P. S. & W. CO.'S SOLID HANDLE.



One Piece, Solid Steel Forging, Case-Hardened, Oil Finished Hardwood Riveted Handle, Warranted.

No. 86—Length	6	8	10	12 in.
Opening.....	1	1¼	1¾	2¼ in.
W't per doz...	9	16	26	38 lbs.
Per dozen	$9.00	10.00	12.00	14.00

No. 86—Length.	15	18	21 in.
Opening.....	2⅝	3	4 in.
W't per doz	55	80	126 lbs.
Per dozen.....	$24.00	30.00	36.00

6 TO 12 IN., HALF DOZEN; 15 AND 18 IN., ONE-THIRD DOZEN; 21 IN., ONE-TWELFTH DOZEN IN A WOODEN BOX WITH SLIDE COVER.
6 TO 12 IN., SIX DOZEN; BALANCE, THREE DOZEN IN A CASE.

P. S. & W. CO.'S ALL STEEL.

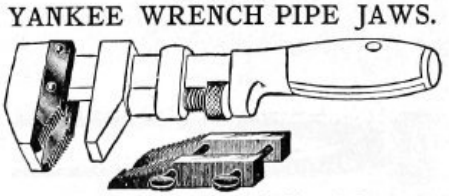
Head, Bar and Handle Forged Solid from One Piece of Steel, Black.

No. 87—Length.	6	8	10	12 in.
Opening.....	1	1¼	1¾	2¼ in.
W't per doz....	10	18	33	50 lbs.
Per dozen	$9.00	10.00	12.00	14.00

No. 87—Length.....	15	18	21 in.
Opening.....	2⅝	3	4 in.
W't per doz.....	73	102	162 lbs.
Per dozen	$24.00	30.00	36.00

6 TO 12 IN., HALF DOZEN; 15 AND 18 IN., ONE-THIRD DOZEN; 21 IN., ONE-TWELFTH DOZEN IN A BOX.

YANKEE WRENCH PIPE JAWS.



Cast Steel, Polished, with Thumb Screws.

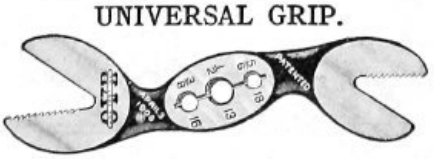
No. 2—3¼ in. long, 1⅛ in. between screws, for 6 to 15 in. wrenches, w't per doz. 4 lbs..... per dozen $4.50

No. 1—4 in. long, 1½ in. between screws, for 10 and 21 in. wrenches, w't per doz. 4½ lbs..... per dozen 5.00

Will fit any ordinary wrench and can be readily attached and detached.

HALF DOZEN ON A CARD.

UNIVERSAL GRIP.



"OUR VERY BEST."

CVB—8¼ in., polished raised surfaces, grips from ¼ to 1 in. diameters, dies for rethreading ⅜, ½ and ⅝ in. bolts, w't per doz. 11½ lbs..per dozen $10.00

Drop forged, nicely finished, guaranteed first-class.

ADJUSTABLE "S."

WESTCOTT PATTERN, Japanned, Polished Jaws and Edges.

No. 60—Length..	6	8	10 in.
Open.....	¾	1	1⅜ in.
W't per doz.....	6¾	13	22¾ lbs.
Per dozen	$7.20	9.00	12.00

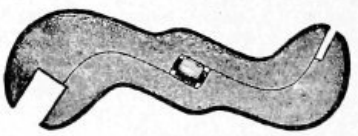
No. 60—Length.....	12	14 in.
Open.....	1⅝	2 in.
W't per doz.....	33½	50 lbs.
Per dozen	$15.00	21.00

B. & C. WESTCOTT PATTERN, Forged Steel, Japanned, Polished Jaws and Edges.

No. 48—Length..	6	8	10 in.
Open.....	¾	1	1⅜ in.
W't per doz.....	6	12	24 lbs.
Per dozen	$7.20	9.00	12.00

No. 48—Length.....	12	14 in.
Open.....	1⅝	2 in.
W't per doz.....	36	57 lbs.
Per dozen	$15.00	21.00

To the convenience of the S wrench is added the adjustable features which make it a very handy tool. The opening given is the safe working capacity, although the jaws can be spread considerably wider.



BAXTER, Forged Steel, Polished, Adjustable.

No. 50—Inches	4	6
Opening.....	¼ to ¾	¼ to 1 in.
W't per doz.....	3½	5 lbs.
Per dozen	$6.00	9.00

No. 50—Inches	8	10
Opening.....	¼ to 1¼	¼ to 1½ in.
W't per doz.....	7½	15 lbs.
Per dozen	$12.00	18.00

HALF DOZEN IN A BOX.

GENERAL PURPOSE.

STANDARD NUT SIZE	OPENINGS BOLT. FINISHED.	EXTREME LENGTH	THICKNESS OF HEAD.
3/16 × ¼ in.	3/8 × ½ in.	6¼ in.	7/32 in.
¼ × 5/16 in.	½ × 5/8 in.	7⅛ in.	¼ in.
5/16 × 3/8 in.	5/8 × ¾ in.	8¼ in.	5/16 in.
3/8 × 7/16 in.	¾ × ⅞ in.	9¼ in.	3/8 in.
7/16 × ½ in.	⅞ × 1 in.	10⅜ in.	7/16 in.

Unfinished, drop-forged steel, in sets of 5 sizes, w't per set 2½ lbs.....per set $1.15

Sold in sets only.

ONE SET IN A BUNDLE.

WRENCHES.

ALLIGATOR PATTERN.

No. 1 CVB—5½ in., cast steel, case hardened, polished jaws, open handle, for ⅛ to ⅜ in. pipe, ¼ to ¾ in. round iron, w't per doz. 3⅞ lbs....per dozen $4.00
No. 1—Handy, 5½ in., cast steel, polished, open handle, for ⅛ to ⅜ in. pipe and ¼ to ¾ in. round iron, w't per doz. 3½ lbs.....per dozen 4.00
No. 01—Maricopa, 5½ in., drop forged steel, open jaws, for ⅛ to ⅜ in. pipe and ¼ to ¾ in. round iron, w't per doz. 3⅝ lbs.....per dozen 3.00
ONE DOZEN IN A BOX.

Drop Forged Steel, Polished Raised Jaws, Open Handle.

No. 12 CVB—5½ in., for pipe ⅛ to 1 in., for round iron ¼ to ¾ in., w't per doz. 4¾ lbs.....per dozen $4.50
No. 13 CVB—7 in., for pipe ¼ to ¾ in., for round iron ⅜ to 1⅛ in., w't per doz. 9¾ lbs.....per dozen 8.00
NO. 12 O. V. B., ONE DOZEN; NO. 13 O. V. B., HALF DOZEN IN A BOX.

Handy, Forged Steel, Open Handle.

No. 12—5½ in., for pipe ⅛ to 1 in., for round iron ¼ to ¾ in., w't per doz. 4½ lbs.....per dozen $4.50
No. 13—7 in., for pipe ¼ to ¾ in., for round iron ⅜ to 1⅛ in., w't per doz. 10 lbs.....per dozen 8.00
NO. 12, ONE DOZEN AND NO. 13 HALF DOZEN IN A BOX.

Handy, Forged Steel, Solid Handle.

No. 2—9 in., for pipe ⅜ to ¾ in., for round iron ½ to 1 in., w't per doz. 11½ lbs.....per dozen $12.00
No. 3—15 in., for pipe ½ to 1¼ in., for round iron ¾ to 1⅜ in., w't per doz. 36 lbs.....per dozen 24.00
No. 4—22 in., for pipe 1¼ to 2 in., for round iron 1½ to 2½ in., w't per doz. 72 lbs.....per dozen 36.00
No. 5—27 in., for pipe 1½ to 2½ in., for round iron 2 to 3 in., w't per doz. 144 lbs.....per dozen 54.00
LOOSE.

TWIN ALLIGATOR PATTERN.

No. 130 CVB—10 in., drop forged steel, polished raised jaws, for pipe ⅛ to ¾ in., for round iron ¼ to 1 in., w't per doz. 15 lbs.....per dozen $18.00
No. 130—Handy, 10 in. forged steel, for ⅛ to ¾ in. pipe and ¼ to 1.in. round iron, w't per doz. 15 lbs...per dozen 18.00
HALF DOZEN IN A BOX.

ALWAYS READY.

Drop Forged Steel, Chased Body, Polished Rased Jaws.

No. 101 CVB—5 in., for nuts ¼ to ¾ in., w't per doz. 6 lbs....per dozen $4.60
No. 102 CVB—7 in., for nuts ¼ to 1¼ in., w't per doz. 12¾ lbs., per dozen..... 6.30
HALF DOZEN IN A BOX.

Always Ready, Forged Steel, Chased Body, Polished Jaws.

No. 101—5 in., for nuts ¼ to ¾ in., w't per doz. 6 lbs.....per dozen $4.60
No. 102—7 in., for nuts ¼ to 1¼ in., w't per doz. 12 lbs.....per dozen 6.30
HALF DOZEN IN A WOOD BOX.

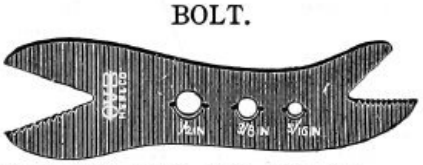
Drop Forged Steel, Nickel Plated, Polished.

No. 1 CVB—5 in., for nuts ¼ to ¾ in., w't per doz. 6 lbs....per dozen $ 5.00
No. 2 CVB—7 in., for nuts ¼ to 1¼ in., w't per doz. 12¾ lbs.per dozen 6.75
No. 2½ CVB—9 in., for nuts ¼ to 1¾ in., w't per doz. 24¾ lbs., per dozen..... 10.50
No. 3 CVB—11 in., for nuts ¾ to 1¾ in., w't per doz. 35 lbs..per dozen 16.00
HALF DOZEN IN A BOX.

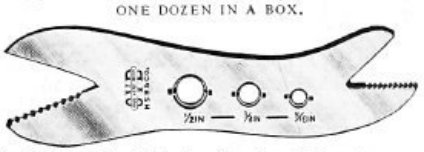
Always Ready, Forged Steel, Nickel Plated, Polished.

No. 1—5 in., for nuts ¼ to ¾ in., w't per doz. 6 lbs.....per dozen $ 5.00
No. 2—7 in., for nuts ¼ to 1¼ in., w't per doz. 9½ lbs.....per dozen 6.75
No. 2½—9 in., for nuts ¼ to 1¾ in., w't per doz. 24 lbs.....per dozen 10.50
No. 3—11 in., for nuts ¾ to 1¾ in., w't per doz. 36 lbs.....per dozen 16.00
HALF DOZEN IN A BOX.

BOLT.



No. 23 CVB—Black, solid, cast steel of superior quality, oil tempered, rethreads bolts ⅝, ⅜ and ½ in., for round iron ¼ to ⅞ in., w't per doz. 3⅞ lbs.....per dozen $5.50
ONE DOZEN IN A BOX.



No. 27 CVB—Nickel plated, solid cast steel of superior quality, oil tempered, rethreads bolts ⅝, ⅜ and ½ in., for round iron ¼ to ⅞ in., w't per doz. 4⅛ lbs.....per dozen $7.50
ONE DOZEN IN A BOX.

ELGIN WRENCHES.

Jaw. ¼ and ½ in. Inserts

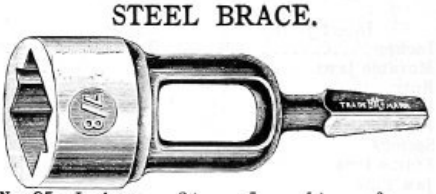
Rethreading Attachment.

No. 202—Wrenches, wrought steel, hardened jaws, nickel plated and polished, length 7 in., for ⅛ to ⅜ in. pipe and ¼ to ¾ in. round iron, w't per doz. 7½ lbs.....per dozen $12.00
Extra Toothed Jaws..... " 3.60
Dies or Inserts..... " 6.00
Rethreading Attachments, with one die or insert.....per dozen 12.00
The upper part of wrench is adjustable and is held open by a spring. It can be closed by the thumb nut until both jaws meet, giving the tool a wide range of work. The extra jaws are very easily adjusted and they renew the wrench indefinitely. The rethreading attachment which fits into the handle makes a ratcheting die stock. The dies can be had in ¼, 5/16, ⅜, 7/16 and ½ inch. Also pump rod dies ⅜, 7/16 and ½ inch.
WRENCHES, ONE DOZEN IN A BOX. RETHREADING ATTACHMENTS WITH DIE OR INSERT, ONE IN CARTON.

ELGIN WRENCH SETS.

Elgin, in sets consisting of 1 Elgin wrench, 1 rethreading attachment having a ¼ in. square insert for taps, 5 rethreading dies in strong black walnut case, w't per set 1⅝ lbs.....per set $5.50

STEEL BRACE.



No. 95—Inches ...	3/8	7/16	½	9/16
For nuts on bolts..	5/16	¼	5/16	3/8 in.
W't per doz.....	1⅝	2¾	2⅞	3 13/16 lbs.
Per dozen $1.75		2.00	2.00	2.50
No. 95—Inches ...	5/8	¾	⅞	1
For nuts on bolts..	⅜	7/16	½	5/8 in.
W't per doz.....	4⅛	5¾	6¾	8 lbs.
Per dozen $2.50		3.00	3.50	4.00

ONE-QUARTER DOZEN IN A BOX.

PIPE TOOLS.

STILLSON PIPE WRENCHES.

Blued, Double Spring, 8, 10 and 14 Inch Have Hardwood Handle, Balance Solid Japanned Handle.

No. 20—Ins.	6	8	10	14
For pipe	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1½ in.
Weight	½	¾	1½	3 lbs.
Each	$2.00	2.00	2.25	3.00
No. 20—Ins.	**18**	**24**		**36**
For pipe	¼ to 2	¼ to 2½		½ to 3½ in.
Weight	4½	8		15 lbs.
Each	$4.00	6.00		12.00

6 TO 24 IN., HALF DOZEN; 36 IN., ONE-SIXTH DOZEN IN A BOX.

EXTRA PARTS FOR STILLSON WRENCHES.

	Jaw.	Nut.		Frame.
Inches	6	8	10	14
Jaws, each	$0.75	.75	.80	1.00
Nuts, "	.11	.11	.14	.17
Frames, "	.35	.35	.40	.50
Inches	**18**	**24**		**36**
Jaws, each	$1.33	2.10		4.75
Nuts, "	.22	.35		.55
Frames, "	.55	.80		1.30

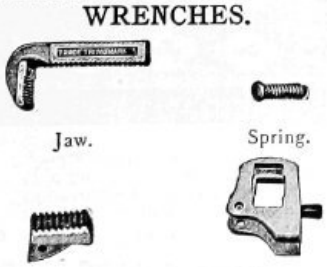
TRIMO PIPE WRENCHES.

Japanned, Polished Head and Jaws.

No. 25—Ins.	6	8	10	14
For pipe	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1½ in.
Weight	½	¾	1½	3¼ lbs.
Each	$2.00	2.00	2.25	3.00
No. 25—Ins.	**18**	**24**	**36**	**48**
For pipe	¼ to 2	¼ to 2½	½ to 3½	1 to 5 in.
Weight	5	8	16	25 lbs.
Each	$4.00	6.00	12.00	18.00

6 TO 24 IN. HALF DOZEN; 36 AND 48 IN., ONE-SIXTH DOZEN IN A CASE.

EXTRA PARTS FOR TRIMO WRENCHES.



Jaw. Spring.

	Insert Jaw.	Frame.		
Inches	6	8	10	14
Movable Jaws, each	$0.67	.67	.75	1.00
Nuts, "	.20	.20	.27	.35
Inserted Jaws, "	.25	.25	.33	.50
Frames, "	.25	.25	.33	.45
Springs, "	.03	.03	.03	.03
Frame Pins, "	.03	.03	.03	.03
Jaw Pins, "	.03	.03	.03	.03
Inches	**18**	**24**	**36**	**48**
Movable Jaws, each	$1.33	2.00	4.00	6.00
Nuts, "	.42	.50	.65	.80
Inserted Jaws, "	.55	.65	1.00	1.25
Frames, "	.55	.65	.75	1.00
Springs, "	.04	.04	.04	.04
Frame Pins, "	.04	.04	.04	.04
Jaw Pins, "	.04	.04	.04	.04

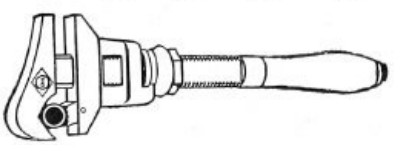
COMBINATION WRENCHES.

Bemis & Calls, Forged Steel, Black, with Short Nut, Hardwood Handle.

No. 44—Ins.	8	10	12	15
Opening	1¾	2¼	2¾	3¼ in.
For pipe	¼ to ¾	¼ to 1	½ to 1¾	½ to 2¼ in.
W't doz	12	25	35	50 lbs.
Per dozen	$21.00	23.00	26.00	37.00
Extra Dogs, each	.20	.25	.30	.35

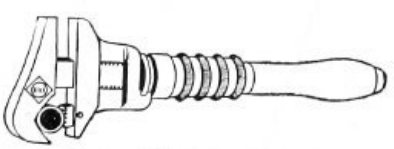
Bemis & Calls, Forged Steel, Black, with Long Nut, Hardwood Handle.

No. 46—Ins.	8	10	12	15
Opening	2¼	2¾	3¼	3½ in.
For pipe	¼ to ¾	¼ to 1	½ to 1¾	½ to 2¼ in.
W't doz	14	25	38	55 lbs.
Per dozen	$23.00	25.25	28.50	40.50
Extra Dogs, each	.20	.25	.30	.35



B. & C. Pattern, Bright Steel, with Short Nut, Hardwood Handle.

No. 43—Inches	10	12	15
Opening	2¼	2¾	3¼ in.
For pipe	¼ to 1	½ to 1¾	½ to 2¼ in.
W't per doz	29	41½	58 lbs.
Per dozen	$23.00	26.00	37.00



B. &. C. Pattern, Bright Steel, with Long Nut, Hardwood Handle.

No. 45—Inches	10	12	15
Opening	2¾	3¼	3½ in.
For pipe	¼ to 1	½ to 1¾	½ to 2¼ in.
W't per doz	29	43	58 lbs.
Per dozen	$25.25	28.50	40.50

HALF DOZEN IN A BOX.

VICTOR PIPE WRENCHES.

Forged Steel, Polished.

No. 30—Inches	6	8	10
For pipe	⅛ to ½	⅛ to ½	⅛ to 1 in.
W't per ½ doz.	2¼	5	11¼ lbs.
Each	$2.00	2.00	2.25
No. 30—Inches	**14**	**18**	**24**
For pipe	¼ to 1½	¼ to 2¼	¼ to 2½ in.
W't per ½ doz.	20	31¼	52 lbs.
Each	$3.00	4.00	6.00

HALF DOZEN IN A BOX.

VULCAN PIPE WRENCHES.

Drop Forged Steel, Saw Tempered Jaws, Flat Link Chain.

Nos	11	12	13
For pipe	⅛ to 1½	¼ to 2½	¾ to 4 in.
Length	20	27	37 in.
Weight	4¾	8¾	16 lbs.
Each	$3.50	5.00	7.00
Nos	**13½**	**14**	**15**
For pipe	1 to 6	1½ to 8	2 to 12 in.
Length	44	50	64 in.
Weight	21	29	49 lbs.
Each	$9.00	11.00	18.00

These wrenches are strong and durable, being made from wrought steel. The jaws are of saw temper; the teeth can be sharpened by filing only. The flat-link chains are hand made from steel prepared expressly for them. The chain swings from the center and can be used on either side the jaws.

BROWN'S ADJUSTABLE PIPE TONGS.

Solid Steel, Drop Forged.

Nos	1½	2	3	4
Length	16	20	24	36 in.
For pipe	⅜ to 1	½ to 1¼	1 to 2	1½ to 3 in.
Weight	4	6	10½	24½ lbs.
Each	$1.65	2.00	3.00	6.00

ONE DOZEN IN A CASE.

STANWOOD'S PIPE CUTTERS.

Case Hardened, Tempered Steel Roller.

No. 45—Sizes	1	2	3
Length	17	21	24 in.
For pipe	⅛ to 1	¾ to 2	2 to 3 in.
Weight	3	8	12 lbs.
Each	$1.50	2.25	7.00

ONE DOZEN IN A CASE.

TRIMO PIPE CUTTERS.

With Cutter and Two Rollers.

No. 55—Sizes	1	2	3
Length	15	18	19 in.
For pipe	⅛ to 1¼	½ to 2	1¼ to 3 in.
Weight	5	5½	7 lbs.
Each	$4.50	6.00	10.00
Extra Cutters, each	.30	.30	.40

Cuts a square end every time, and the pipe is left ready for the threading die without the use of a file. Extra cutter wheels can be furnished to replace rollers, making a three-wheel cutter.

TONGS AND ANVIL TOOLS.

PICK-UP TONGS.

No. 201—22 in., drop forged steel, oil finished, for picking up hot irons, w't 2⅞ lbs. ..... per pound $0.40

GAD TONGS.

Drop Forged Steel, Oil Finished.

No. 202–Length.	18	20	22	24 in.
Weight	2	2¼	3	3⅜ lbs.
Per pound.	$0.25	.25	.25	.25

BOLT TONGS.

Drop Forged Steel, Oil Finished.

Size of iron	¼	5/16	⅜	½	⅝ in.
Length	18	18	20	20	22 in.
Weight	1⅞	1⅞	2⅛	2⅛	3 lbs.
Size of iron	¾	⅞	1	1⅛	1¼ in.
Length	22	24	24	24	24 in.
Weight	3	3⅝	3⅝	3⅝	4¼ lbs.

No. 203—All sizes ..... per pound $0.25

For holding bolts and round iron. When ordering, give size of iron instead of length.

STRAIGHT LIP TONGS.

Drop Forged Steel, Oil Finished.

Nos.	A	1	2	3
Length	16	18	20	22 in.
Weight	1¾	2	2½	3 lbs.
Per pound.	$0.15	.15	.15	.15
Nos.	**4**	**5**	**6**	**7**
Length	24	26	28	30 in.
Weight	3½	3⅞	4	5 lbs.
Per pound.	$0.15	.15	.15	.15

HORSESHOERS' TONGS.

Drop Forged Steel, Oil Finished.

No. 0—12 in., w't per doz. 14½ lbs., per dozen $5.00

No. 00—14 in., w't per doz. 16½ lbs., per dozen 5.50

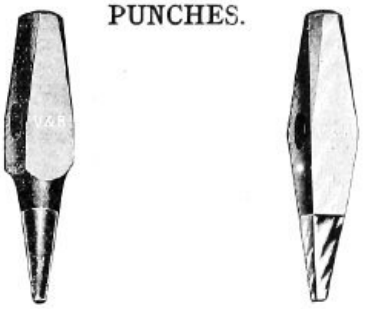
HEADING TOOLS.

Drop Forged Steel, with Round Hole.

Size	¼	5/16	⅜	½	⅝	¾ in.
Weight	3⅛	3⅛	3⅛	3⅛	4¼	4¼ lbs.
Size	¾	⅞	1	1⅛	1¼	in.
Weight	4¼	4¾	4¾	5	5	lbs.

No. 219—All sizes ..... per pound $0.40

PUNCHES.



No. 220. No. 221.

Forged Steel, Oil Finished.

Size of point	¼	5/16	⅜	½ in.
Weight	1⅞	1⅞	2	2 lbs.
Size of point	⅝	¾	⅞	1 in.
Weight	2½	2½	3¼	3½ lbs.

No. 220—Round Eye, all sizes .. per pound $0.40

Size of point	¼	5/16	⅜	½ in.
Weight	1⅞	1⅞	2	2 lbs.
Size of point	⅝	¾	⅞	1 in.
Weight	2½	2½	3¼	3½ lbs.

No. 221—Square Eye, all sizes .. per pound $0.40

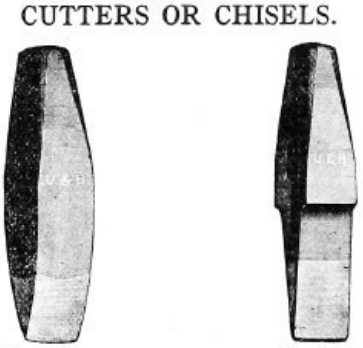
HARDIES.

Forged Steel, Oil Finished.

Size of shank	½	⅝	¾	⅞	1	1⅛	1¼ in.
Weight	½	¾	1	1½	1¾	2	2½ lbs.

No. 225—All sizes ..... per pound $0.40

CUTTERS OR CHISELS.



No. 226. No. 227.

Forged Steel, Oil Finished.

Size square steel	1	1⅛	1¼	1⅜	1½	1¾ in.
Weight	1¼	1½	1⅞	2¼	3	4 lbs.

No. 226—Cold, all sizes ..... per pound $0.40

No. 227—Hot, all sizes ..... .40

SET HAMMERS.

Forged Steel, Oil Finished.

Size square face	1	1¼	1½ in.
Weight	1⅛	2	2¼ lbs.
Size square face		1¾	2 in.
Weight		4	5¼ lbs.

No. 228—All sizes, per pound $0.40

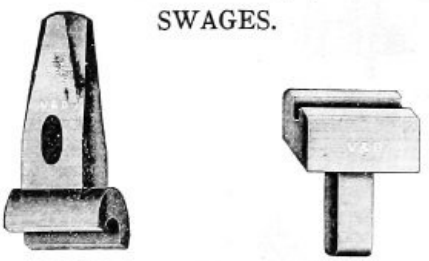
FLATTERS.

Forged Steel, Oil Finished.

Size square face	2	2¼	2⅝	2¾	3 in.
Weight	1½	1¾	3¾	4⅛	5¼ lbs.
Size square face		3¼	3½	3¾	4 in.
Weight		6¼	6½	6¾	8 lbs.

No. 229—All sizes ..... per pound $0.40

SWAGES.



No. 230. No. 231.

Forged Steel, Oil Finished.

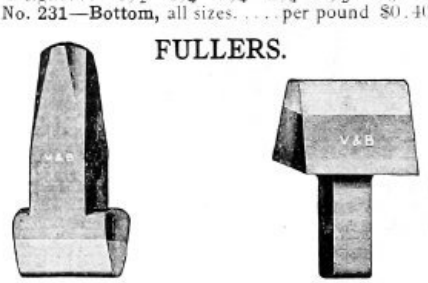
Sizes	¼	5/16	⅜	7/16	½	9/16 in.
Weight	1½	1½	2	2	2	2 lbs.
Sizes	⅝	¾	⅞	1	1⅛	1¼ in.
Weight	2	2¾	2¾	2⅞	2⅞	2⅞ lbs.
Sizes	1⅜	1½	1⅝	1¾	1⅞	2 in.
Weight	2⅞	3⅞	3⅞	4¼	4¼	4¼ lbs.
Sizes	2¼	2½	2⅝	2¾	2⅞	3 in.
Weight	5	6¼	6¼	6¼	7	7¼ lbs.

No. 230—Top, all sizes ..... per pound $0.40

Sizes	¼	5/16	⅜	7/16	½	9/16 in.
Weight	2¼	2¼	2⅜	2⅜	2½	2½ lbs.
Sizes	⅝	¾	⅞	1	1⅛	1¼ in.
Weight	2½	2¾	2¾	3	3⅛	3½ lbs.
Sizes	1⅜	1½	1⅝	1¾	1⅞	2 in.
Weight	3½	3¾	3¾	4	4	4¾ lbs.
Sizes	2¼	2½	2⅝	2¾	2⅞	3 in.
Weight	5½	6¼	6¼	6¼	6½	7⅛ lbs.

No. 231—Bottom, all sizes ..... per pound $0.40

FULLERS.



No. 232. No. 233.

Forged Steel, Oil Finished.

Sizes	¼	5/16	⅜	7/16	½	9/16 in.
Weight	2⅜	2⅜	2⅜	2½	2½	2½ lbs.
Sizes	⅝	¾	⅞	1	1⅛	1¼ in.
Weight	2½	3	3¼	3¼	3½	4¾ lbs.
Sizes	1⅜	1½	1⅝	1¾	1⅞	in.
Weight	4¾	5¼	5¼	5½	5½	lbs.
Sizes	2	2¼	2½	2¾	3	in.
Weight	5¾	6	7	7½	8	lbs.

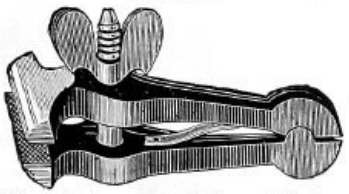
No. 232—Top, all sizes ..... per pound $0.40

Sizes	¼	5/16	⅜	7/16	½	9/16 in.
Weight	2¼	2¼	2½	2½	2½	2½ lbs.
Sizes	⅝	¾	⅞	1	1⅛	1¼ in.
Weight	2¾	2¾	3	3¼	3¼	3½ lbs.
Sizes	1⅜	1½	1⅝	1¾	1⅞	2 in.
Weight	3½	3¾	3¾	4	4	4¾ lbs.
Sizes	2¼	2½	2⅝	2¾	2⅞	3 in.
Weight	5	6¼	6¼	7	7½	7¾ lbs.

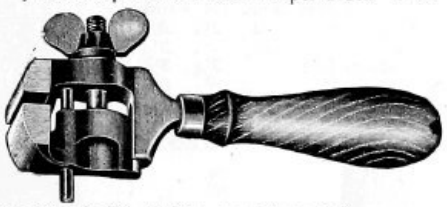
No. 233—Bottom, all sizes ..... per pound $0.40

VISES.

HAND.



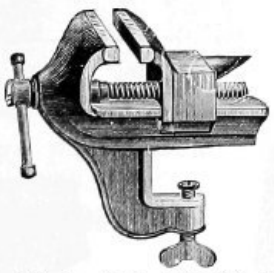
No. 144 —4 in., wrought iron, 1⅛ in. jaws, w't per doz. 5 lbs.....per dozen $5.00
No. 144½—4½ in., wrought iron, 1¼ in. jaws, w't per doz. 6 lbs.....per dozen 6.00



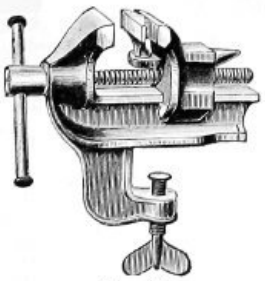
No. 95—Rallis, 1¼ in. steel jaws, 4 in. maple handle, w't per doz. 7 lbs., per dozen..... $12.00
HALF DOZEN IN A BOX.

BONNEY'S.

No. 1—1½ in. jaws, wrought iron screw, w't per doz. 15 lbs.. .....per dozen $3.75



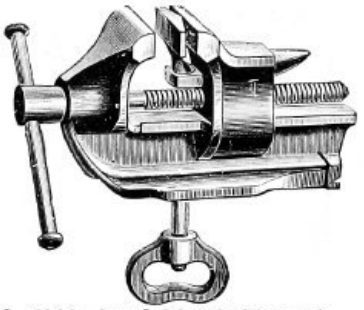
No. 1½—1¾ in. jaws, wrought iron screw, w't per doz. 18 lbs.. .per dozen $5.00
No. 02 —2 in. jaws, wrought iron screw, w't per doz. 24 lbs.. .....per dozen 6.50



No. 03.

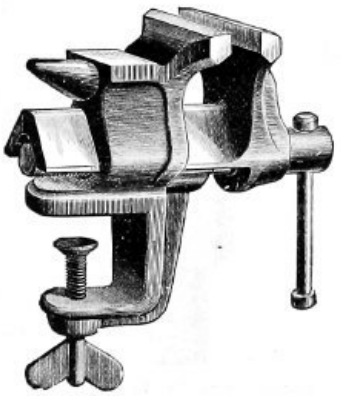
No. 03—2¼ in. jaws, with swivel attachment, wrought iron screw, w't per doz. 33 lbs.....per dozen $12.00
No. 04—2¾ in. jaws, wrought iron screw, w't per doz. 60 lbs...per dozen 16.50

BONNEY'S.



No. 9—2¾ in. jaws, with swivel jaw and bench attachment, wrought iron screw, w't per doz. 60 lbs...per dozen $22.50

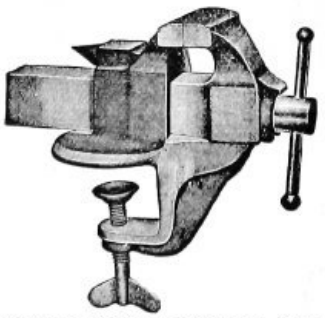
BONNEY'S CHAMPION.



Polished Jaws, Covered Wrought Iron Screw.

Nos	112	113	114
Jaws	1½	1¾	2 in.
Opens	1¼	1½	1¾ in.
W't per doz.	15	21	30 lbs.
Per dozen	$4.50	6.50	9.00
Nos	**118**		**121**
Jaws	2½		3 in.
Opens	2		2¾ in.
W't per doz.	45		90 lbs.
Per dozen	$18.00		24.00

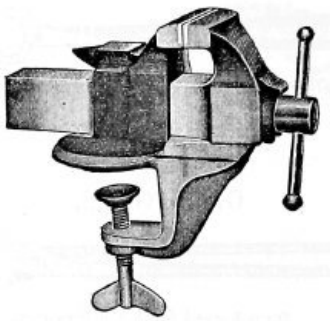
JERSEY.



All Clamp Bottom, Plain Iron Jaws.

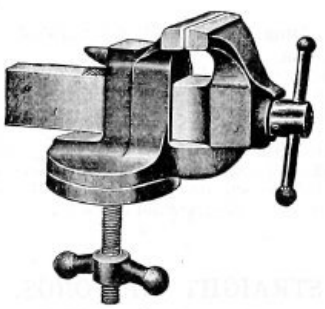
Nos	40½	42	44
Width of jaw	1½	1¾	2 in.
W't per doz.	36	39	42 lbs.
Per dozen	$9.00	11.00	13.50
Nos	**46**	**48**	**52**
Width of jaw	2¼	2½	3 in.
W't per doz.	48	60	105 lbs.
Per dozen	$18.00	21.00	28.50

JERSEY.



All Clamp Bottom, Steel Faced Jaws.

Nos	41	43	45½
Width of jaw	1½	1¾	2 in.
W't per doz.	36	39	42 lbs.
Per dozen	$12.00	15.00	18.00
Nos	**47**	**49**	**53**
Width of jaw	2¼	2½	3 in.
W't per doz.	48	60	105 lbs.
Per dozen	$21.00	25.00	34.50



Swivel Base, Steel Faced Jaws.

Nos	56	57	58
Width of jaws	1¾	2	2¼ in.
W't per doz.	36	42	54 lbs.
Per dozen	$15.00	18.00	22.50
Nos	**59**		**61**
Width of jaws	2½		3 in.
W't per doz.	66		114 lbs.
Per dozen	$28.00		37.50

No. 10 Assortment—Consisting of display stand and 18 Jersey Vises, w't 60 lbs.....per assortment $26.26
Consisting of the following:

3 No. 40½	**3 No. 44**	**1 No. 47**
2 No. 48	**1 No. 52**	**1 No. 58**
3 No. 42	**2 No. 46**	
1 No. 49	**1 No. 56**	

These are high grade amateur vises at moderate prices.

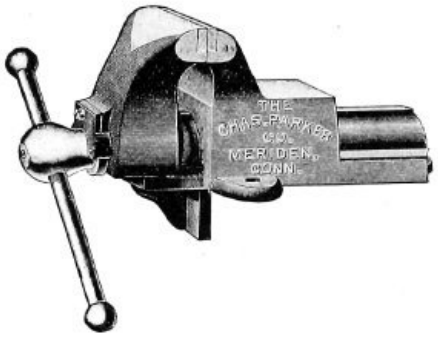
They are fitted with loose malleable iron nut and solid steel screw. Face of jaw is ground so that the jaws come up square. The screw works easy and smooth.

The body is finished with a brown baking japan, working parts are highly polished.

Good and substantial small vises, will work when wanted and give satisfaction while in use.

VISES.

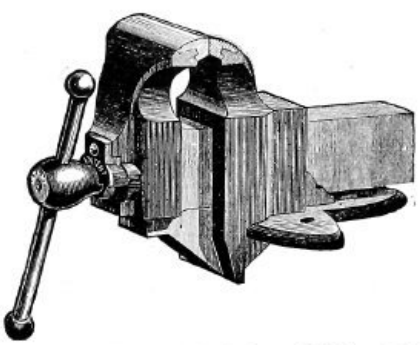
PARKER'S OVAL SLIDE.



Polished Jaws, Covered Wrought Iron Screw

Nos.	30	31	32	33	34	
Jaws	2⅝	3	3¼	3½	4	in.
Opens	3¾	4	4	4	4	in.
Weight	8½	13	19	22	27	lbs.
Each	$2.70	3.30	4.20	4.50	6.50	

PARKER'S PARALLEL.

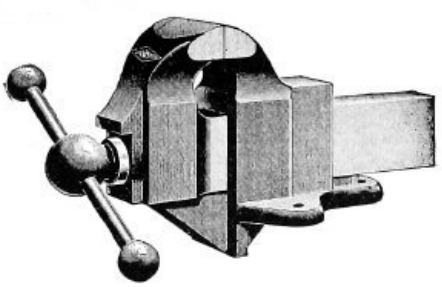


Painted Green, Polished Steel Jaws, Milled and Fitted.

Nos.	0000	100	200	300	
Jaws	3¼	3⅝	4⅛	4¾	in.
Opens	4	4¼	5½	5¾	in.
Weight	23	31½	41½	59½	lbs.
Each	$5.50	6.50	8.50	10.75	

No. 0000 is the same as Nos. 100, 200 and 300 but is without the wrought iron strengtheners or any of Parker's patented improvements.

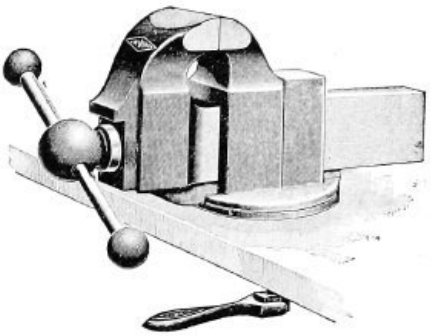
COLUMBIAN MACHINISTS'.



Stationary Base, Polished Steel Faces, Milled and Fitted.

Nos.	62	63	64	65	66	67	
Jaws	3¼	3⅝	4⅛	4⅝	5	6	in.
Open	4½	5	5⅝	6½	7¼	9½	in.
Weight	32	40	53	68	84	120	lbs.
Each	$6.00	7.00	8.50	10.00	13.00	25.00	

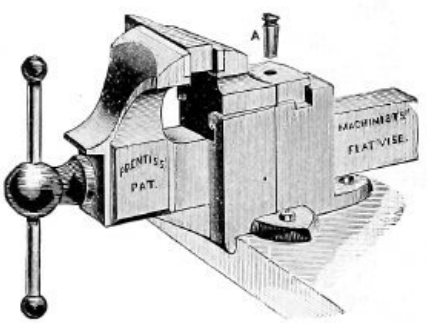
COLUMBIAN MACHINISTS'.



Swivel Base, Polished Steel Faces, Milled and Fitted.

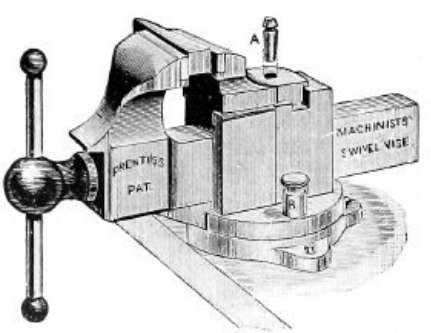
Nos.	71	72	73	74	75	
Jaws	2½	3¼	3⅝	4⅛	4⅝	in.
Open	4	4½	5	5⅝	6½	in.
Weight	26	36	43	56	72	lbs.
Each	$5.20	7.50	8.75	10.50	12.50	

PRENTISS MACHINISTS'.



Stationary Base, Self-Adjusting Back Jaw, Polished Faces, Milled and Fitted.

Nos.	2	2½	3	4	5	6	
Jaws	3½	4	4½	5¼	6	7	in.
Open	4¾	5¼	6	8	9	11	in.
Weight	28	41	54	96	146	184	lbs.
Each	$7.00	9.00	10.50	17.00	24.00	30.00	

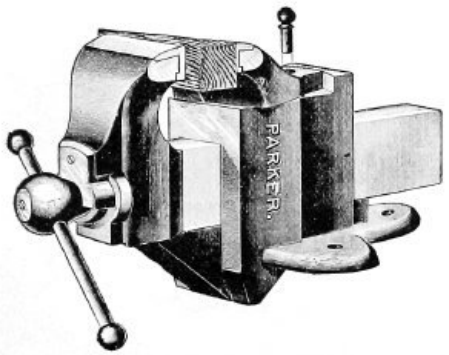


Swivel Base, Self-Adjusting Back Jaw, Polished Faces, Milled and Fitted.

Nos.	19	19½	20	21	22	23	
Jaws	3½	4	4½	5¼	6	7	in.
Open	4¾	5¼	6	8	9	11	in.
Weight	32	46	65	109	168	207	lbs.
Each	$8.50	10.50	12.50	19.00	27.00	35.00	

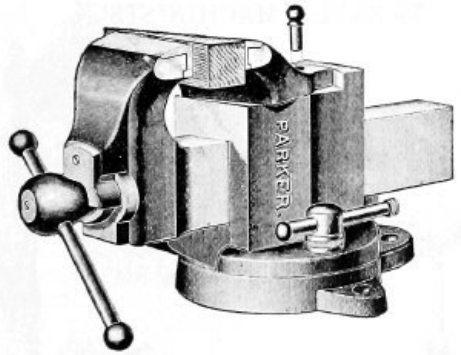
VISES.

PARKER'S VICTOR.



Stationary Base, Self-Adjusting Back Jaw, Polished Steel Faces, Milled and Fitted.

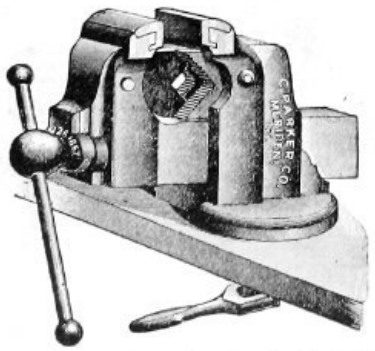
Nos.	370	371	372	373	375
Jaws	3¼	3⅝	4½	5	6¼ in.
Open	3½	5	6	7	9¾ in.
Weight	25	39	57	73	150 lbs.
Each	$6.50	7.00	10.00	14.00	24.00



Swivel Base, Self-Adjusting Back Jaw, Polished Steel Faces, Milled and Fitted.

Nos.	270	271	272	273	275
Jaws	3¼	3⅝	4½	5	6¼ in.
Open	3½	5	6	7	9¾ in.
Weight	30	42	60	78	165 lbs.
Each	$7.00	8.50	12.50	16.00	27.00

PARKER'S COMBINATION.



Swivel Base, Polished Steel Faces, Round and Piper's Jaws, Milled and Fitted.

No. 87—3⅝ in. jaws, adjustable for 2 in. pipe and under, opens 4¾ in., w't 41 lbs. ..... each $16.00

No. 88—4⅛ in. jaws, adjustable for 3 in. pipe and under, opens 6¼ in., w't 59 lbs. ..... each 20.00

COMBINATION.

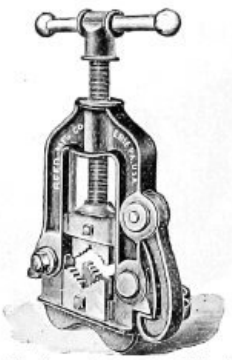
Swivel Base, Round and Piper's Jaws, Milled and Fitted.

No. 7—3⅝ in. jaws, opens 5 in., adjustable for 2 in. pipe and under, w't 39 lbs. ..... each $16.00

No. 8—4⅛ in. jaws, opens 6 in., adjustable for 2 in. pipe and under, w't 57 lbs. ..... each 20.00

The castings entering into the construction of these vises are of a high character and neat design, insuring strength where strength is most required.

PIPE.



No. 211—REED'S malleable iron frame, polished solid tool steel milled jaws, oil hardened, self locking, all parts interchangeable, for pipe ⅛ to 2½ in., w't 12 lbs. ..... each $3.00

The quality of material and finish are points which have received particular attention. The best malleable practice also has been followed in the design of this vise, and we unhesitatingly guarantee it to be strong and heavy.

The base has lugs on both uprights, in order that the latch may hang on either side. The change is made by taking the bolt out of the hinge, turning the yoke around, and then bolting the yoke to the other upright (both uprights have holes for this purpose).

DIAMOND MECHANICS'.

Adjusted for Large Work.

As a Pipe Vise.

No. 14—4 in. steel faced jaws, opens 12 in., one jaw adjustable, ¾ in. steel screw, chilled anvil face, size not including horn 3×7 in., painted green, face, jaws and head polished and lacquered, w't 38 lbs. ..... each $5.00

Well made and has been carefully planned to aid in a wide range of work. It is a first-class pipe vise, and the adjustable jaw enables it to be used for a variety of purposes. The drill attachment is packed separately and is not included with the vise.

Showing Drill Attached to Vise.

No. 15—Drill attachments, polished head, without drills or vise, w't 13 lbs. ..... each $2.70

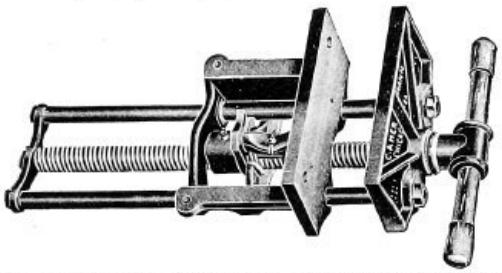
ONE IN A CASE.

VISES AND ANVILS AND VISES.

WOODWORKERS' VISES.

Herriman's, Rapid Acting, Rigid Jaws, Cold Rolled Steel Guides and Screw, Extra Large Nut of Bronze, Castings of Best Gray Iron.

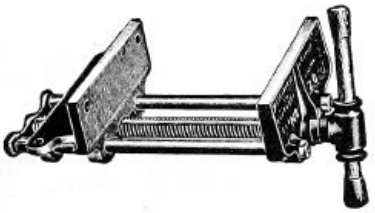
No. 17—4×7 in. jaws, opens 9 in., w't 27 lbs.....each $6.00



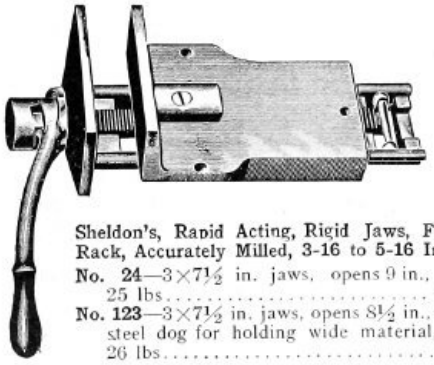
Rapid Acting, Rigid Jaws, Cold Rolled Steel Guides and Screw, Extra Large Nut of Bronze, Castings of Best Gray Iron.

No. 10—4×10 in. jaws, opens 12 in., w't 47 lbs.....each $8.00

By turning the handle one-quarter way to left the jaw can be moved forward or backward at will. One important advantage in this vise is that it gives the user continuous use of the entire length of screw if desired.



No. 220—TOLES', rapid acting, flush, 10×4 in. jaws, opens 12 in., 1¼ in. screw, w't 38 lbs.....each $7.50

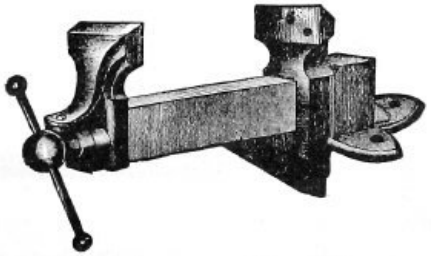


Sheldon's, Rapid Acting, Rigid Jaws, Forged Steel Rack, Accurately Milled, 3-16 to 5-16 Inch Thrust.

No. 24—3×7½ in. jaws, opens 9 in., w't 25 lbs.....each $4.90

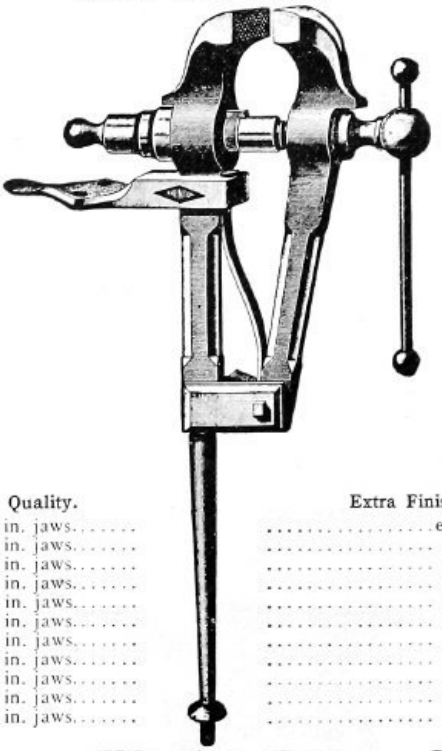
No. 123—3×7½ in. jaws, opens 8½ in., with steel dog for holding wide material, w't 26 lbs.....each 5.10

CABINET MAKERS' VISES.



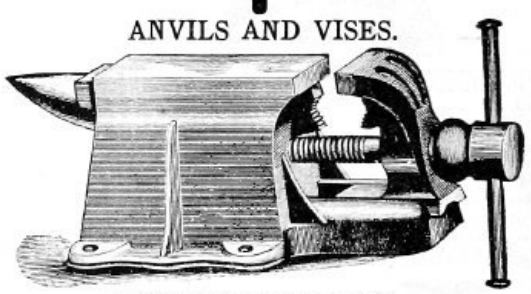
No. 4000—PARKER'S, 4 in. jaws, opens 8 in., ¾ in. screw, w't 38 lbs.....each $10.00

SOLID BOX VISES.



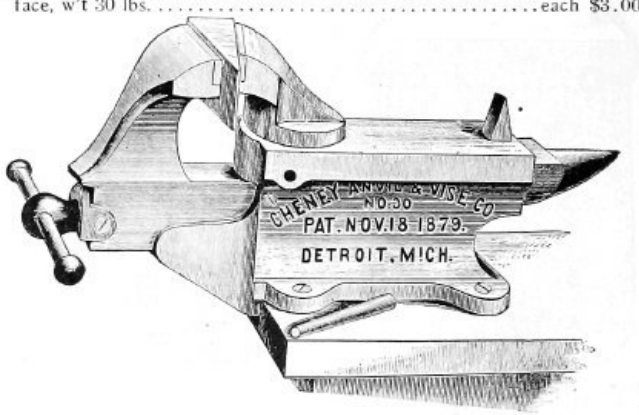
Extra Quality.		Extra Finish.	
35 lbs., 3¾ in. jaws.....		.....each	$10.00
40 lbs., 4 in. jaws.....		..... "	10.50
45 lbs., 4¼ in. jaws.....		..... "	11.00
50 lbs., 4½ in. jaws.....		..... "	11.50
55 lbs., 4½ in. jaws.....		..... "	12.00
60 lbs., 4¾ in. jaws.....		..... "	13.00
65 lbs., 5 in. jaws.....		..... "	14.00
70 lbs., 5¼ in. jaws.....		..... "	15.00
80 lbs., 5½ in. jaws.....		..... "	17.50
90 lbs., 5¾ in. jaws.....		..... "	20.00
100 lbs., 6 in. jaws.....		..... "	22.00

ANVILS AND VISES.



Austin's, Hardened Face and Jaws.

No. 03—3 in. jaws, 5 in. opening, piper's jaws, 7¼×3 in. anvil face, w't 30 lbs.....each $3.00



Cheney's, Self-Adjusting Back Jaw, Tempered Steel Faces, Chilled Steel Anvil, Smooth Face, Solid Steel Hardy or Cutting-Off Tool.

Nos.	120	130	140
Face	6½×3	8×3½	8½×4 in.
Jaws	3⅜	3¾	4⅛ in.
Opens	4	5	6 in.
Weight	33	42	56 lbs.
Each	$4.50	5.50	6.50

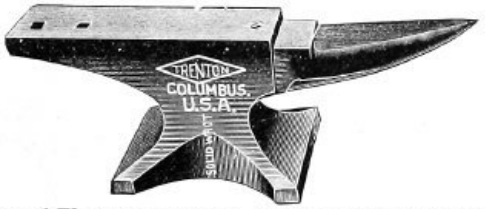
The back jaw of the vise is self-adjusting and in use conforms by automatic action to any angle; and makes firm the object held, whether it be straight, beveled or wedge shaped. ONE IN A CRATE.

ANVILS, BELLOWS, ETC.

TRENTON FORGED ANVILS.

Factory Shipments.

We carry sizes 80 to 150 lbs. in stock, but can furnish larger or smaller sizes from factory when desired, in which case prices will be F. O. B. factory.



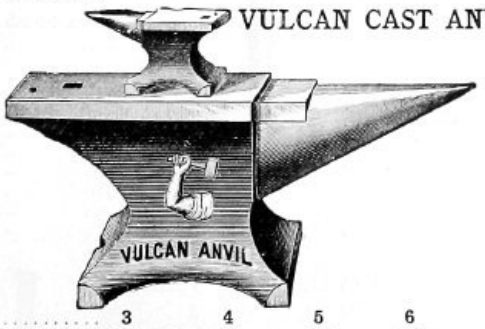
Forged in Two Pieces and Welded at the Waist, Face One Piece of Special Grade Finest Tool Steel, Tempered to Prevent Chipping.

Stock Sizes—80, 85, 90, 95, 100, 110, 115, 120, 125, 135, 140 and 150 lbs. ..... per pound $0.18

Long, perfectly shaped horn and long heel. Base has a long spread, thus preventing "tipping" when heavy work is being done on the point of heel or horn. Does not require "strapping down," will set firmly without shifting or rocking, and combines a most practical and graceful shape with the least amount of weight possible.

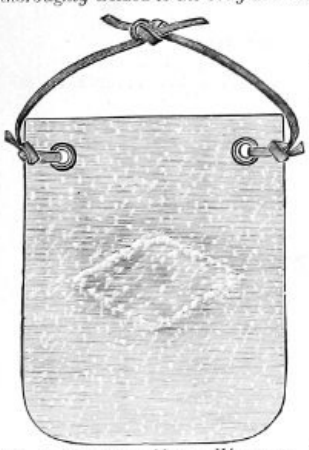
GUARANTY— Should this anvil break at the waist or its steel face become loose within a year from date of purchase, it will be replaced without charge. All claims will be referred to the manufacturers. These anvils are tempered in a manner to suit the majority of smiths. No claim for defective temper will be allowed.

VULCAN CAST ANVILS.



Nos.	3	4	5	6	7
Weight (about)	30	40	50	60	70 lbs.
Per pound	$0.15	.13	.12	.11	.10½
Nos.	**8**	**9**	**10**	**12**	**15**
Weight (about)	80	90	100	120	150 lbs.
Per pound	$0.10	.10	.10	.10	.10

The face is one solid piece of tool steel perfectly welded to the body by a patent process, and then accurately ground and tempered. The horn is covered with and at its extremity is made entirely of tough, untempered steel; body is made from a superior pig iron. The face and horn are warranted to be thoroughly welded to the body and not to separate.



BLACKSMITHS' APRONS.

Split Leather, Brass Eyelets, Leather Strings.

No. 33—26×33 in., w't per doz. 16 lbs ..... per dozen $17.00

No. 36—30×36 in., w't per doz. 22 lbs. ..... per dozen 21.00

WELDING COMPOUNDS.

No. 1—CHERRY HEAT WELDING COMPOUND, welds iron to iron, steel to steel and malleable iron to steel and is the highest grade of welding flux, 10 lbs. in a box ..... per pound $0.14

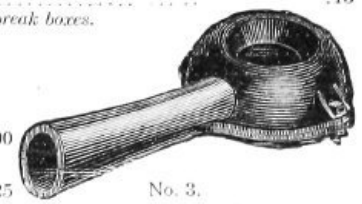
No. 1—In 5 lb. boxes, ... " .15

We do not break boxes.

TUYERE IRONS.

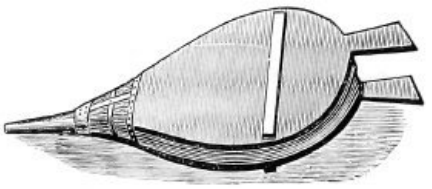
No. 3—Single duck nest, length 13 in., w't 9 lbs. ..... each $1.00

No. 4—Double duck nest, length 14 in., w't 11 lbs. ..... each 1.25



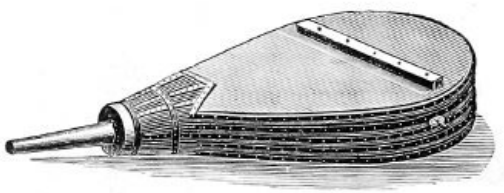
No. 3.

BELLOWS.



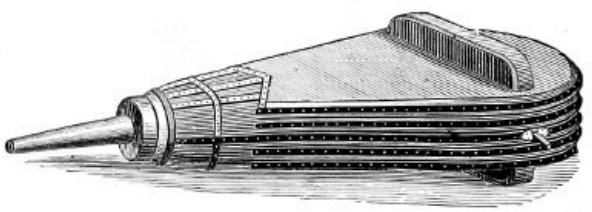
Hand.

No. 4—Inches.	7	8	9	10	12 (Moulders')
W't per doz.	15	18	27	36	42 lbs.
Per dozen	$8.00	11.00	14.50	16.50	18.00



Blacksmith's Standard, Split Leather.

No. 100—Inches.	24	26	28	30	32
Weight	30	35	40	45	50 lbs.
Each	$10.00	11.00	12.00	13.00	14.00
No. 100—Inches.	**34**	**36**	**38**	**40**	
Weight	60	65	78	100 lbs.	
Each	$16.00	18.00	20.00	23.00	



Blacksmith's Extra Long, Split Leather.

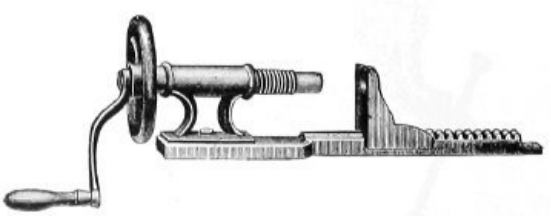
No. 200—Inches.	32	34	36	38	40
Weight	60	75	85	110	120 lbs.
Each	$17.00	19.00	21.00	24.00	28.00
No. 200—Inches.	**42**	**44**	**46**	**48**	**50**
Weight	135	145	220	235	250 lbs.
Each	$34.00	40.00	45.00	50.00	60.00

Blacksmith's Extra Long, Cowhide Leather.

No. 300—Inches.	32	34	36	38	40
Weight	60	75	85	110	120 lbs.
Each	$17.00	19.00	21.00	24.00	28.00
No. 300—Inches.	**42**	**44**	**46**	**48**	**50**
Weight	135	145	220	235	250 lbs.
Each	$34.00	40.00	45.00	50.00	60.00

The size given on the above is the width.

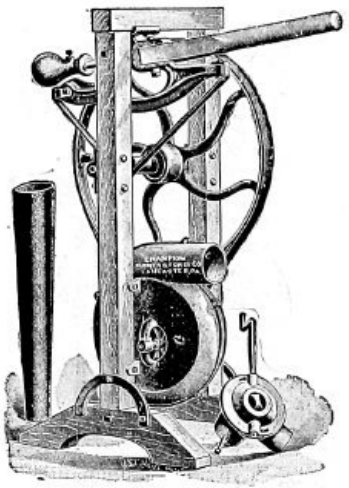
BLACKSMITHS' DRILLS.



No. 012—Japanned, length 30 in., 1½ in. screw, $\frac{5}{16}$ in. square hole in mandril, w't 27 lbs. ..... each $6.00

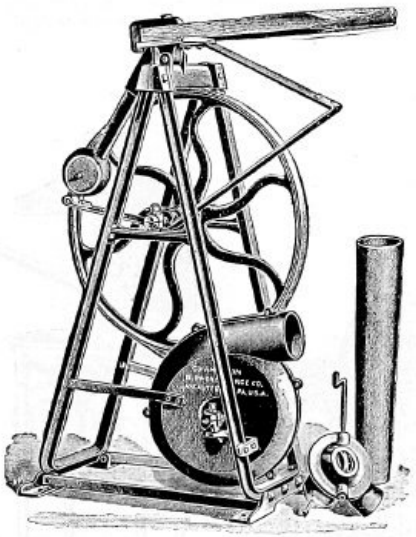
The mandril is fitted to take standard drills.

CHAMPION BLACKSMITHS' BLOWERS.



No. 1894—LEADER, hardwood frame, lever motion, 16 in. fan, 28 in. fly-wheel, capacity of a 50 in. bellows, with patent adjustable nozzle, tuyere iron and piping, w't 125 lbs.....each $12.00

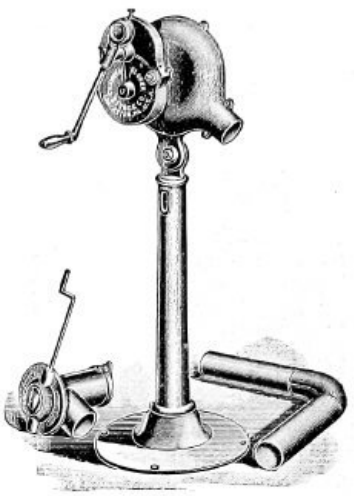
The mechanical self-acting and simple lever motion has nothing to get out of order and is absolutely perfect in construction, durable and light running, with a continuation of momentum between strokes, keeping the blast regular and powerful.



No. 1898—Angle steel frame, lever motion, 16 in. fan, 26½ in. fly wheel, with tuyere iron and piping, ball joint oscillating journal bearings, w't 175 lbs.....each $20.00

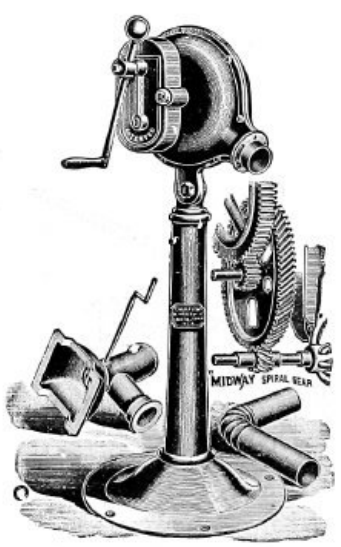
No. 1898½—With lever and crank motion combined, otherwise same as 1898, w't 190 lbs.★.....each 25.00

The lever motion is a very simple self-acting ratchet, no spring or anything to get out of order, having three self-acting pawls made from hardened tool steel and is practical and durable. The angle steel frame is stiff and rigid, the bent part of the steel being at the lower end where the fan is fastened and most stiffness is required. The four ends are brought together at the top, then clamped by bolts and fittings substantially. The Champion patented ball-joint oscillating journal bearings used on this blower require oiling but once in six months. Will produce a welding heat on 3½ to 4 in. iron in ten minutes.



No. 1—LANCASTER, geared, crank motion, 12 in. fan, adjustable nozzle tuyere iron and piping, w't 110 lbs., each..... $20.00

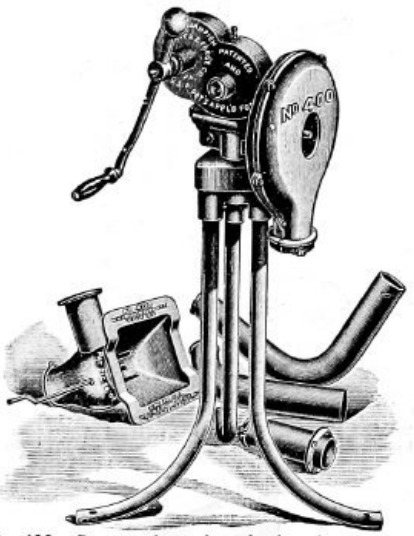
A well built, cheap, direct draft blower, smooth running, crank turns either way to make the blast



No. 70—"MIDWAY" spiral geared, crank motion, 12 in. fan, with 50 lb. center blast, heavy nest ball tuyere iron and piping, w't 175 lbs.....each $30.00

The Champion "Midway" or cross spiral gearing is simple in construction and without small gears or pinions. The gearing runs in oil in a dust-proof casing, the crank turns in either direction to make the blast.

★*FOR FACTORY SHIPMENT ONLY.*



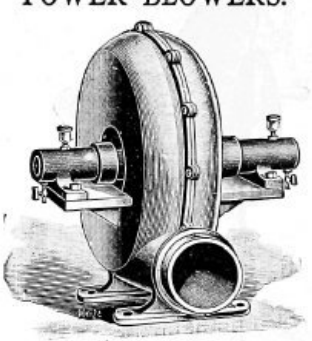
No. 400—Best tool steel and phosphor bronze working parts, highest grade tool steel adjustable ball bearings, lathe turned cups and cones hardened and ground to highest possible finish, 12 in. fan, with "Whirlwind" blast, anti-clinker heavy nest tuyere iron and piping, w't 160 lbs.....each $37.00

The No. 400 gearing is so constructed that it runs the blower at the extreme high speed necessary to produce a white heat blast without early destruction of the gearing. The spiral shaft and spiral gear are the same in size and diameter and have the same sized teeth as are used in shafts and gears running at 20,000 revolutions per minute and carrying a heavy load, while in this blower no load is carried and speed does not exceed 2,000 revolutions per minute, thus making durability a certainty.

Noise and lost motion are impossible as the spiral gear in riding the spiral shaft lengthwise has eight full teeth continuously meshing into eight full teeth of the shaft.

The "Whirlwind" blast anti-clinker heavy nest tuyere iron increases the output of the fire fully two hours per day, with a great saving in coal, by consuming all the heating elements in the coal. It does not blow the heat and hot air up the chimney.

POWER BLOWERS.



No. 0.

Champion.

No. 0—Will blow one fire, height 10 in., w't 15 lbs.....each $ 8.00

No. 00—Will blow two ordinary fires, height 14 in., w't 30 lbs.....each 10.00

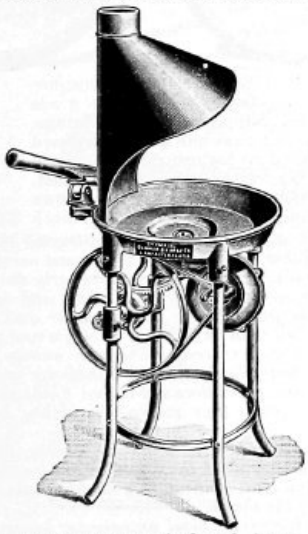
No. 000—Will blow three ordinary fires, height 16½ in., w't 50 lbs.....each 12.00

Arranged for exhaust purposes.....extra 2.00

This blower is intended for blowing fires in portable and small stationary boilers, also for forge fires and various purposes where a small current of air is desired.

PORTABLE FORGES.

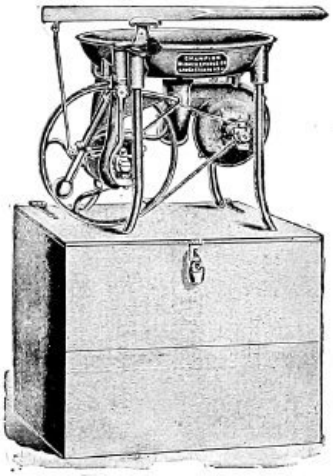
No. 150—CHAMPION, *agricultural*, lever, *with shield*, 18 in. hearth, 8 in. fan, height 30 in., w't 75 lbs.....each $14.00



No. 151—CHAMPION, *agricultural*, lever, *with half hood*, 18 in. hearth, 8 in. fan, height 30 in., w't 80 lbs.....each $16.00
Especially adapted for farmers or where light jobs are to be done.

No. 152.

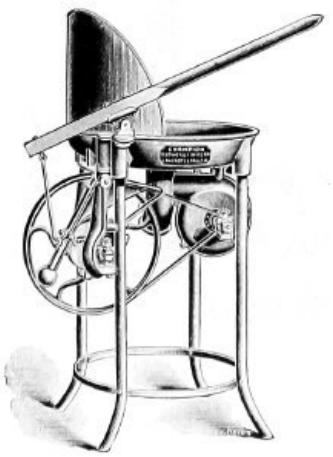
No. 152—CHAMPION, *agricultrual*, crank, *with shield*, 18 in. hearth, 4 in. deep, height 30 in., 8 in. fan, w't 70 lbs. each $14.00
No. 153—CHAMPION, with half hood otherwise same as No. 152, w't 70 lbs. each..... 16.00



No. 8 —CHAMPION, standard *miners' and prospectors'* lever, patented ball joint oscillating bearings, hearth 22 in., 10 in. fan, without case, w't 100 lbs.★ each..... $23.00

No. 8½—*With case*, otherwise same as No. 8, w't 160 lbs.★.....each 26.00

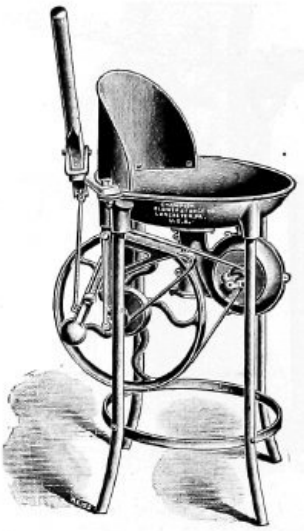
The capacity of this forge is such as to give miner and prospector entire satisfaction. It is made with short legs so that it can be placed in case, making it handy for transportation.



No. 5—CHAMPION STANDARD, lever *rivet, with shield*, patent ball joint oscillating bearings, 22 in. hearth, height 33 in., 10 in. fan, w't 110 lbs.★....each $24.00

Adapted for all kinds of light portable work.

★*FOR FACTORY SHIPMENT ONLY.*



No. 85—CHAMPION IMPERIAL, lever *rivet, with shield*, 22 in. hearth, height 33 in., 9½ in. fan, w't 100 lbs.....each $24.00

No. 87—*With full hood*, otherwise same as No. 85, w't 110 lbs.★.....each 30.00

These are adapted for tempering tools, for tank and bridge builders, miners, boiler repairing, etc. No. 87 is used where combustible material is kept.

No. 05 No. 06

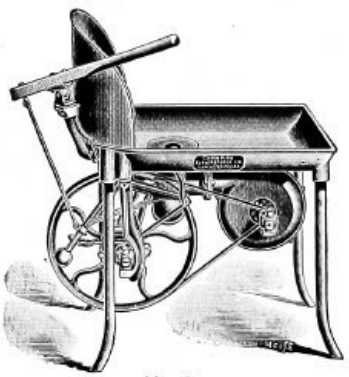
No. 05—AJAX, *rivet* lever, *with shield*, 22 in. hearth, height 33 in., 9½ in. fan, w't 100 lbs.....each $24.00

A strong and light forge adapted for all kinds of light portable work.

No. 06—AJAX, *toolmakers'* lever, *with half hood*, 22 in. hearth, height 33 in., 9½ in. fan, w't 105 lbs.....each $27.00

Adapted for tempering tools, for tank and bridge builders, miners and farmers.

PORTABLE FORGES.



No. 2.

No. 2—CHAMPION, standard *boilermakers'* lever, *with shield*, ball-joint oscillating bearings, full tuyere iron, hearth 23×35 in., height 30 in., 12½ in. fan, w't 200 lbs.....each $36.00

No. 3—*Machinists', with half hood*, otherwise same as No. 2, w't 210 lbs. ★ each 40.00

No. 4—*Machinists', with full hood*, having two doors, one in front and one in rear, preventing escape of fumes, sparks and smoke, otherwise same as No. 2, w't 220 lbs.★.....each 42.00

These forges will produce a welding heat on 3 in. iron in five minutes.

Nos. 2 and 3 are adapted for boilermakers, tank makers, iron bridge and ship builders, plumbers, millers, manufacturers, etc., while No. 4 with full hood is used in furniture factories, saw and planing mills, oil refineries, varnish works or any place where escape of sparks, fumes, or smoke might do damage.

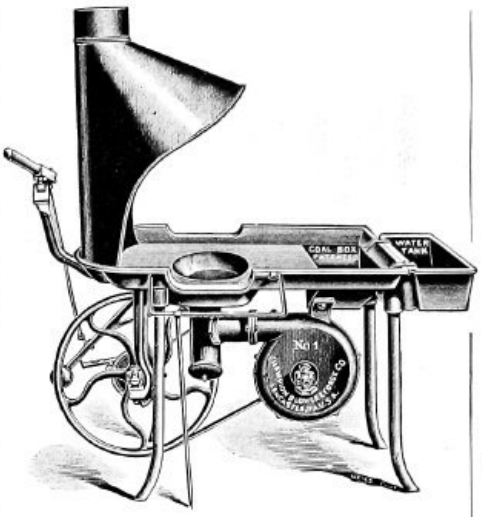
No. 83.

No. 82—CHAMPION IMPERIAL, *boilermakers'* lever, *with shield*, hearth 23×35in., height 30 in., 12½ in. fan, w't 160 lbs.★ each..... $36.00

No. 83—CHAMPION IMPERIAL, *machinists'* lever, *with half hood*, otherwise same as No. 82, w't 170 lbs.....each 40.00

The Imperial Lever Motion is a very simple device. It is a self-acting ratchet. The three ratchet dogs are made of hardened tool steel and will stand years of hard work.

No. 82 is used by boilermakers, iron bridge and ship builders, railroad contractors, etc., and No. 83 by machinists, plumbers, millers, locksmiths, planters, and in railroad repair shops.

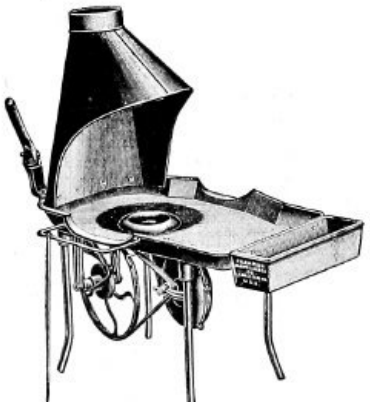


No. 1.

No. 1 —CHAMPION, new standard, improved, *blacksmiths'* lever, *with half hood*, patented ball joint oscillating journal bearings, slope bottom coal box, hearth 32×45 in., height 30 in., 16 in. fan, without water tank, w't 360 lbs.★.....each $50.00

No. 1½—*With water tank*, otherwise same as No. 1, w't 375 lbs.★.....each 55.00

The oil chambers hold oil for lubricating the bearings automatically six months. The sloped bottom coal box enables operator to keep the coal in a vroper degree of dampness to suit all work.

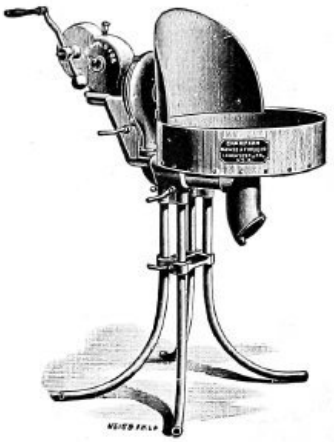


No. 81.

No. 81 —CHAMPION IMPERIAL, *blacksmiths'* lever, with *half hood*, hardened tool steel self-acting pawls, oil caps in all bearings, hearth 32×45 in., height 30 in., 14½ in. fan, without water tank, w't 250 lbs.....each $50.00

No. 81½—*With water tank*, otherwise same as No. 81, w't 275 lbs.★....each 55.00

The fan has a direct blast into the fire and will produce a large and steady blast for heavy and all kinds of blacksmith work.



No. 401—CHAMPION, steel, *rivet, with shield*, made of structural steel, adjustable ball bearings, patented high speed spiral gearings, 18 in. hearth, height 30 in., 9 in. fan, w't 115 lbs., each..... $35.00

Used by railroads, bridge builders, boiler and structural iron workers.

A strong, positive blast is produced by practically one-fourth the work required to produce less blast in other forges. The crank turns either way to produce blast.

Can be taken apart for transportation and set up in a few minutes.

No. 408.

No. 408—CHAMPION, steel *horseshoers, with half hood*, heavy structural steel, working parts of highest grade tool steel and phosphor bronze, hearth 30×36×6 in., 12 in. fan, adjustable ball bearings, with "Whirlwind" blast anti-clinker heavy nest tuyere iron, w't 295 lbs., without water tank★.....each $65.00

No. 408½—*With water tank*, otherwise same as No. 408, w't 325 lbs.★...each 70.00

No. 409 —*Hearth 30×40×6 in.*, otherwise same as No. 408, w't 300 lbs.★ each..... 70.00

No. 409½—*Hearth 30×40×6 in., with water tank*, otherwise same as No. 408, w't 350 lbs.★.....each 75.00

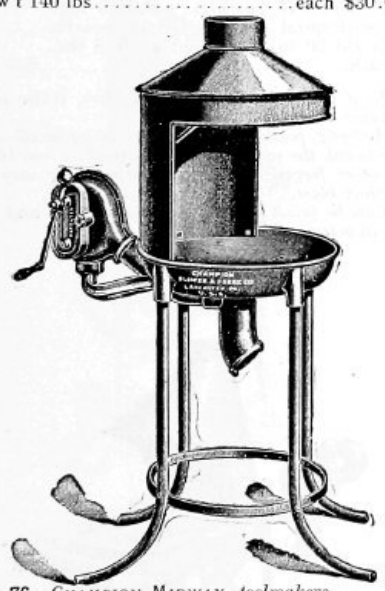
This is virtually the No. 400 Blower converted into a forge. It will make a white heat blast equal to the best power blower blast. Crank turns in either direction; it runs noiseless, smooth, easy and pleasant to the hand. It is adapted for carriage and heavy wagon work, railroad shops as well as general blacksmithing.

★*FOR FACTORY SHIPMENT ONLY.*

PORTABLE FORGES, TIRE BENDERS AND SHRINKERS.

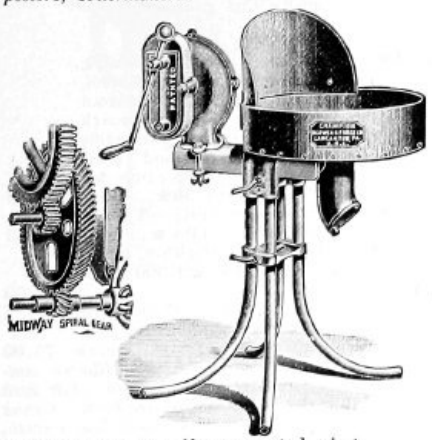
PORTABLE FORGES.

No. 75—CHAMPION MIDWAY, *rivet, with shield,* cross spiral geared, 22 in. cast iron hearth, height 33 in., 10 in. fan, w't 140 lbs.....each $30.00



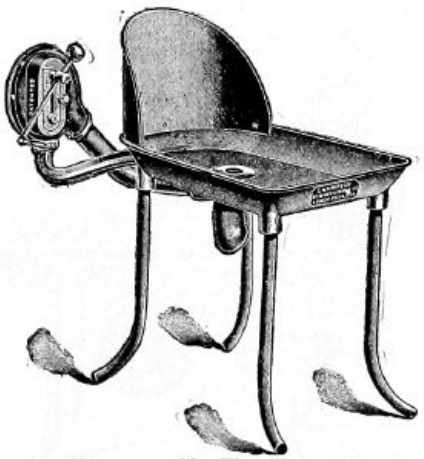
o. 76—CHAMPION MIDWAY, *toolmakers, with half hood,* cross spiral geared, 22 in. cast iron hearth, height 33 in., 10 in. fan, w't 145 lbs.....each $33.00

A strong and durable forge, adapted for jewelers, bicycle repairers, tempering tools, miners, prospectors, boilermakers.



No. 78—CHAMPION MIDWAY, *steel rivet, with shield,* cross-spiral geared, 18 in. hearth, height 30 in., 10 in. fan, w't 135 lbs.....each $30.00

PORTABLE FORGES.

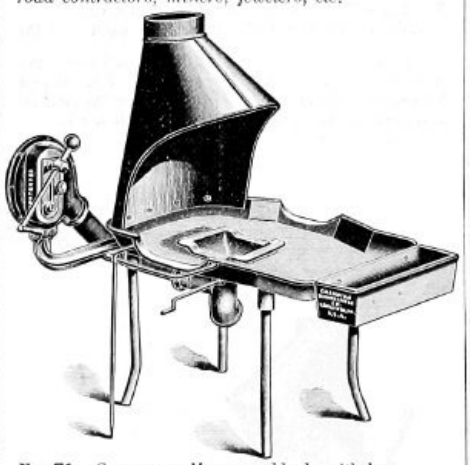


No. 72.

No. 72—CHAMPION MIDWAY, *boilermakers', with shield,* cross spiral gearing in dust proof casing, cast iron hearth 23×35 in., height 30 in., 10 in. fan, w't 185 lbs.....each $36.00

No. 73—*Machinists', with half hood,* otherwise same as No. 72, w't 190 lbs., each..... 40.00

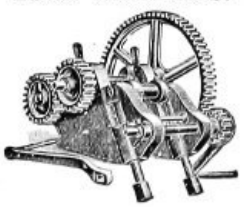
Suitable for boilermakers, bridge builders, railroad contractors, miners, jewelers, etc.



No. 71—CHAMPION MIDWAY, *blacksmiths', with half hood,* cross spiral gearing in dust proof casing, cast iron hearth 32×45 in., and heavy nest tuyere, iron, height 30 in., 12 in. fan, w't 300 lbs.....each $50.00

The gearing used for producing the blast is simple in construction and without small gears or pinions. The cranks turn either direction to make blast.

TIRE BENDERS.



No. 1—NEW STYLE EUREKA, bends 4×1 in. tire, w't 190 lbs.....each $18.00

A strong and powerful tool, built with all the latest improvements. It is double back geared and worked with two cranks which are furnished with each bender; also two speeds, one for light and fast work and the other for heavy work.

★*FOR FACTORY SHIPMENT ONLY.*

BENCH FORGES.

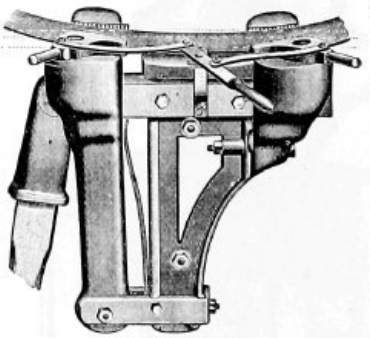
Champion, Crank, 14×17 Inch Hearth, 7 Inch Fan.

	EACH
No. 21—*With shield,* w't 45 lbs.....	$16.00
No. 22—*With half hood,* w't 55 lbs.★..	18.00
No. 23—*With full hood,* w't 65 lbs.★....	20.00

These are especially intended for light work, being very compact and easily moved, having short legs, so when used should be set on a box or bench. Will produce a welding heat on 1 in. iron in ten minutes. It is a very convenient forge for prospectors.

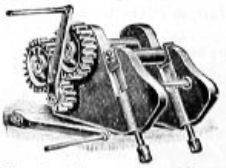
TIRE SHRINKERS.

No. 11—CHAMPION, floor space 18×10 in., shrinks tires 4×1 in., w't 140 lbs.....each $12.00



No. 12—LANCASTER, jaws and cams drop forged from solid tool steel, hardened and tempered, will shrink all size tires up to a full 4×1 in., and axle up to 1½ in., w't 200 lbs....each $20.00

Constructed in the most mechanical manner and from the highest grade material. It is set on a post, making it as solid and strong as an anvil for hammering down kinks in the tire, and taking up but little space.



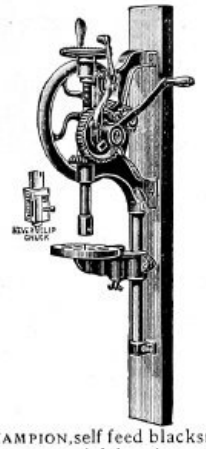
TIRE BENDERS.

No. 2—CHAMPION NEW STYLE, bends any size tire up to 3×¾ in., w't 115 lbs.....each $11.00

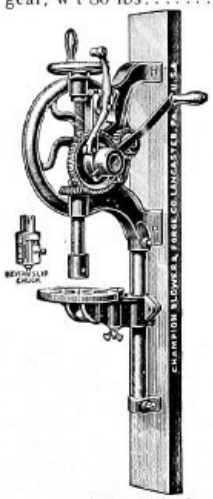
The frame is cast strong and substantial, with double back gear, and worked with two cranks and two speeds.

POST DRILLS.

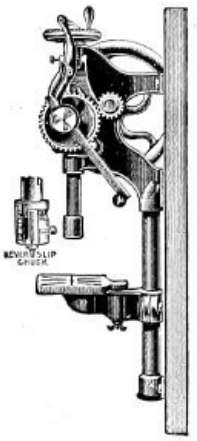
No. 92—CHAMPION, hand feed, made of best material, bearings ground out of solid metal, ⅞ in. steel spindle bored like "Never-Slip" chuck, for ½ in. straight shank drills, 3 in. up-and-down run, drills to center of 12 in. circle, holes from $\frac{1}{64}$ to ¾ in., w't 65 lbs.. ....each $6.00



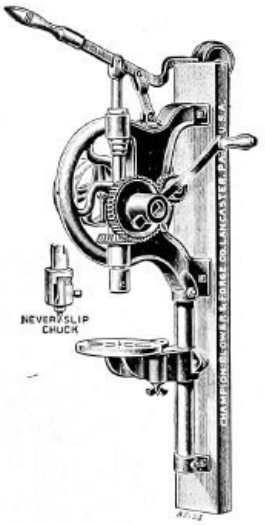
No. 101—CHAMPION, self feed blacksmiths' made of best material, bearings ground from solid metal, ⅞ in. steel spindle bored like "Never-Slip" chuck, for ½ in. straight shank drills, 3 in. up-and-down run, drills to center of 12 in. circle, holes from $\frac{1}{64}$ to ¾ in., single speed, with back gear, w't 80 lbs.....each $7.00



No. 98—CHAMPION, self feed blacksmiths', made of best material, bearings ground from solid metal, 1 in. steel spindle bored like "Never-Slip" chuck, for ½ in. straight shank drills, 3 in. up-and-down run, drills to center of 14 in. circle, holes from $\frac{1}{64}$ to 1 in., single speed, with back gear, w't 95 lbs.. .....each $8.00
Extra, for power★..... " 3.00



No. 93½—CHAMPION, self feed blacksmiths', made of best material, bearings ground out of solid metal, 1⅛ in. steel spindle bored like "Never-Slip" chuck, for ½ in. straight shank drills, 3 in. up-and-down run, drills to center of 15 in. circle, holes from $\frac{1}{64}$ to 1¼ in., 2 speeds, full back gear, w't 115 lbs., ...each $9.50
Extra, for power★..... " 3.00

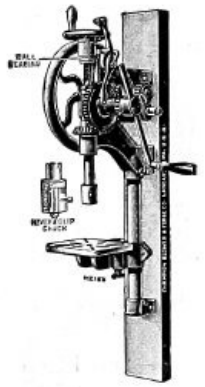


No. 100—CHAMPION, lever feed blacksmiths', made of best material, bearings ground out of solid metal, steel spindle bored like "Never-Slip" chuck, for ½ in. straight shank drills, 5½ in. up-and-down run, drills to center of 14 in. circle, holes from 0 to ¾ in., with back gear, w't 100 lbs.★.....each $10.00
Extra, for power★..... " 3.00

This tool is designed for light and quick work, where tire drilling and counter-sinking is an object.

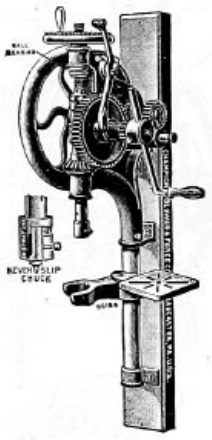
Our stock on above drills have spindles bored to take ½ in. straight shank drill bits. If specially ordered from factory, will be bored to take ⅝ or $\frac{43}{64}$ in.

★*FOR FACTORY SHIPMENT ONLY*



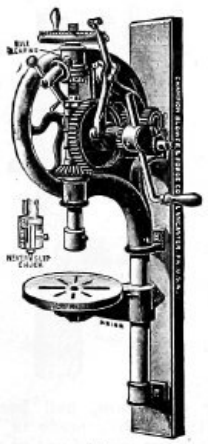
No. 95—NEW CHAMPION, ball bearing self feed blacksmiths', made of best material, bearings ground out of solid metal, tempered die steel cup and cone, 1¼ in. steel spindle bored like "Never-Slip" chuck, for ½ in. straight shank drills, 3½ in. up-and-down run, drills to center of 16 in. circle, holes from $\frac{1}{64}$ to 1¼ in., back geared, w't 130 lbs., each..... $12.50
Extra, for power★.....each 3.00

The running of the drill is greatly improved with the ball bearing. It is back geared, with the improved third gear principle, which gives the second speed the same crank motion as on the first speed. The third gear being part of the handle hub, it is therefore disengaged when using first speed, saving the continuous labor of pulling along an intermediate gear while using the first speed; has double journal bearings to all working parts.



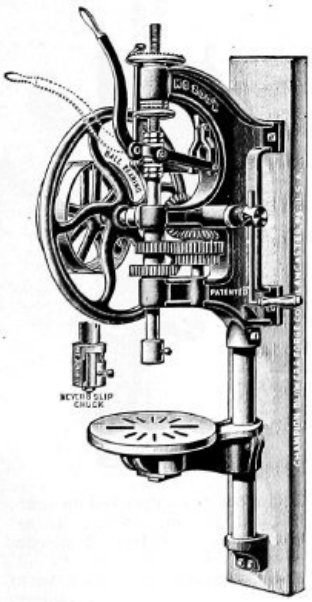
No. 4—CHAMPION, new improved upright blacksmiths', 18 in. swing, three geared, automatic self feed, 2 speeds with double journal bearings to all working parts, full back geared, with improved third gear principle (which gives the second speed the same crank motion as on the first speed), bearings all ground and polished out of solid metal, 1¼ in. steel spindle bored like "Never-Slip" chuck for ½ in. straight shank drill bits, 5 in. up-and-down run, drills to center of 18 in. circle, holes from $\frac{1}{64}$ to 1½ in., without ball bearings, w't 200 lbs..... ...each $17.50
No. 4—CHAMPION, *ball bearing*, otherwise same as No. 4★.....each 20.00
Extra, for power★..... ..... " 3.00

POST DRILLS.

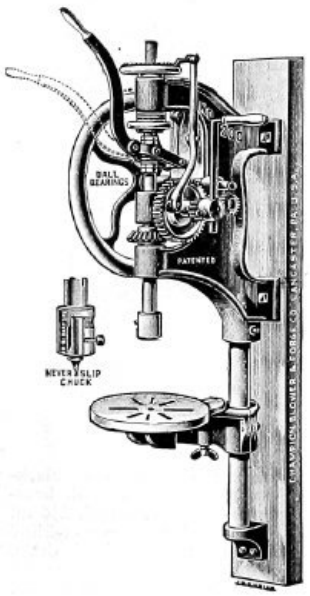


No. 5—CHAMPION, upright blacksmiths', 20 in. swing, three geared, ball bearing, automatic self feed, quick return and hand-feed handle, 2 speeds with double journal bearings to all working parts, full back geared, with improved third gear principle, bearings all ground and polished out of solid metal, 1¼ in. steel spindle bored like "Never-Slip" chuck for ½ in. straight shank drill bit, 5 in. up-and-down run, drills to center of 20 in. circle, holes from $\frac{3}{64}$ to 1½ in., w't 240 lbs.★.....each $25.00
Extra, for power★ ..... „ 4.00

The Champion No. 5 has a quick-return handle, enables the mechanic to get the bit out of the work quicker and far more easily than by the use of the top or ratchet wheel. It is also very useful to feed by hand for holes up to ½ in., especially if the drill is run by power.

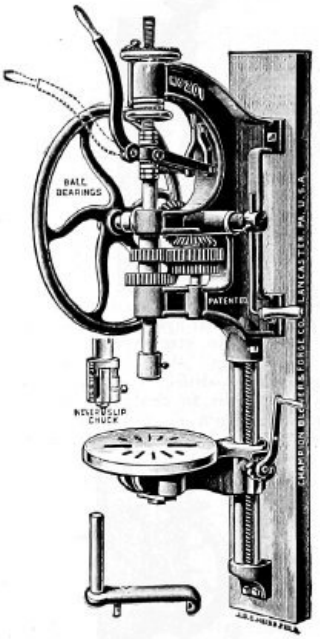


No. 200½—CHAMPION, combination automatic self and lever feed, for light and medium work, hand power, ball bearings, 1¼ in. steel spindle, bored like "Never-Slip" chuck for ½ in. straight shank drill bit, 4 in. up-and-down run, double back gear, drills from 0 to 1½ in. holes, drills to center of 18 in. circle, w't 225 lbs.★ ....each $30.00
Tight and Loose Pulleys, for No. 200½ can be furnished, entire shipment from factory, extra★.....each 4.00



No. 200—CHAMPION, combination automatic self and lever feed, hand power, ball bearings, 1¼ in. steel spindle, bored like "Never-Slip" chuck for ½ in. straight shank drill bit, 4 in. up-and-down run, drills to center of 16 in. circle, two speeds, drills from 0 to 1¼ in. holes, w't 160 lbs.★ .....each $25.00

Tight and Loose Pulleys, for No. 200, can be furnished, entire shipment from factory, extra★.....each 3.00

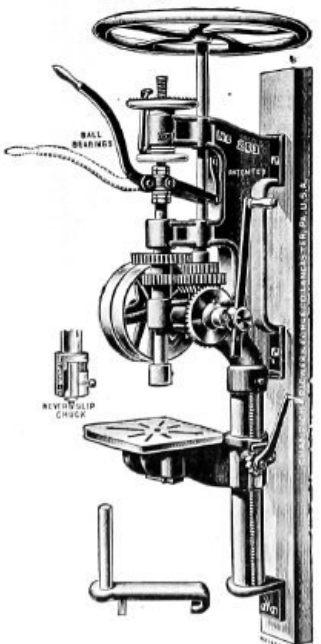


No. 201—CHAMPION combination automatic self and lever feed, for light and heavy work, hand power, ball bearings, 1¼ in. steel spindle, bored like "Never-Slip" chuck for ½ in. straight shank drill bit, 5½ in. up-and-down run, double back, cut geared, drills to center of 21 in. circle, adjustable table rack, two speeds, drills from 0 to 1½ in. holes, w't 325 lbs.★ .....each $40.00
Tight and Loose Pulleys, for No. 201, can be furnished, entire shipment from factory, extra★ .....each 4.00

Nos. 200 to 201 are high grade drills, particularly adapted for machine, blacksmith and carriage shops. The special feature of these drills is that they have the combination automatic self and lever feed. They are independent of each other and can be changed from one to the other in a fraction of a second. This improvement means a saving of time and labor at least 95 per cent by the quick return of the drill out of the work and replacing for drilling the next hole, as it obviates the necessity of turning feed screw back to get bit out of the work.

They have been especially designed to meet every requirement of strictly first-class up-to-date power and hand drill. The two powers are combined and either power is always ready for operation without interfering with the other and without the slightest change of the drill. The lever feed makes them a capital wood boring machine.

Our stock on above drills have spindles bored to take ½ in. straight shank drill bits. If specially ordered from factory, will be bored to take ⅝ or $\frac{11}{64}$ in.



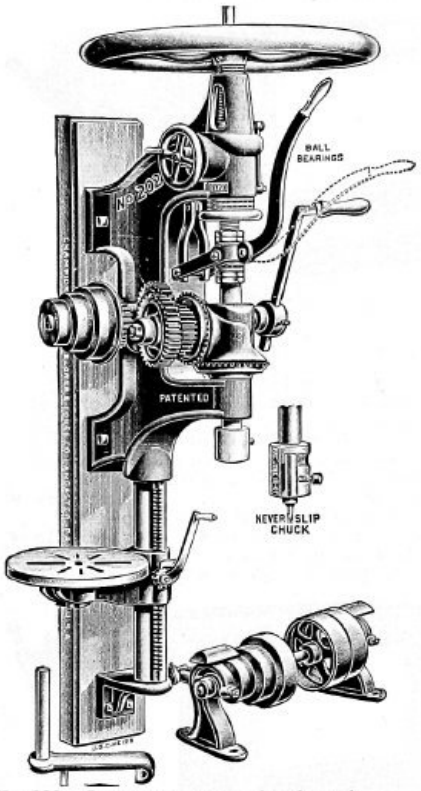
No. 203

No. 203—CHAMPION, post, hand and power, combination, automatic self and lever feed, for light or heavy work, cut gears, ball bearings, 1¼ in. steel spindle, bored like "Never-Slip" chuck for $\frac{11}{64}$ in. straight shank drill bit, 5½ in. up-and-down run, double back gear, drills to center of 21 in. circle, adjustable table rack, two speeds, drills from 0 to 1½ in. holes, with 10×2½ in. tight and loose pulleys for power and hand combined, w't 340 lbs.★ .....each $54 00

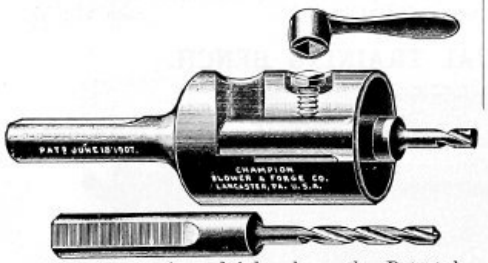
Cone Pulley and Counter Shaft, for No. 203, three speeds, can be furnished entire shipment from factory, extra★ each 11.00

★*FOR FACTORY SHIPMENT ONLY.*

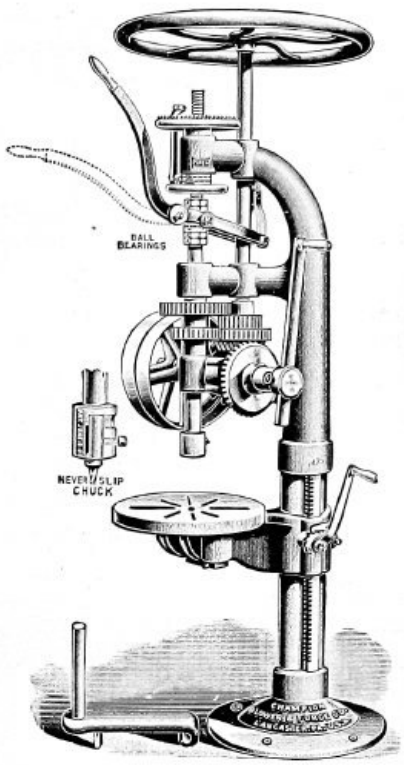
POST DRILLS.



No. 202—CHAMPION, post, hand and power, combination automatic self and lever feed, for lightest and heaviest work, cut gears, ball bearings, 1¼ in. steel spindle, bored like" Never-Slip" chuck for 4/4 in. straight shank drill bit, 6 in. up-and-down run, double back gear, drills to center of 22 in. circle, adjustable table rack, three speeds, drills from 0 to 1½ in. holes, with cone pulley and counter shaft, w't 440 lbs.★.....each $75.00



This illustration plainly shows the Patented Champion Never Slip Drill Chuck now furnished on all Champion drills without additional charge. The invention is a square shoulder in the chuck which permanently meets the flat side milled on drill bits now regularly manufactured by drill bit manufacturers. This square shoulder takes all the strain from the set screw, as the square shoulder in the chuck in connection with the flat side of the drill bit holds the bit as firm as the combined strength of the solid metal of both the bit and chuck, and always continues to do so; in fact, makes the holding of the drill bit the strongest part of the entire drill.

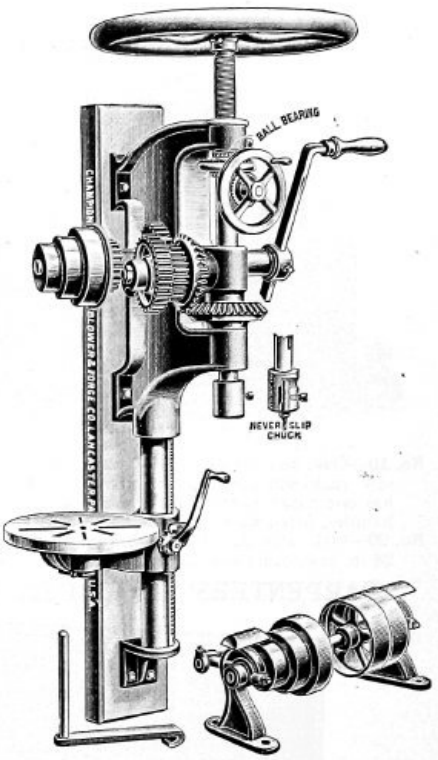


No. 203½—CHAMPION, hand and power, upright, combination automatic self and lever feed, for light and heavy work, cut gears, ball bearings, 1¼ in. steel spindle, bored like "Neve"-Slip" chuck for 4/4 in. straight shank drill bit, 5½ in. up-and-down run, double back gears, drills to the center of 21 in. circle, adjustable table rack, two speeds, drills from 0 to 1½ in. holes, tight and loose pulleys for power and hand combined, w't 550 lbs.★ ... each $85.00

Cone Pulley and Counter Shaft, for No. 203½, three speeds, can be furnished, entire shipment from factory, extra★ each..... 15.00

The CHAMPION "Patented" Never-Slip Drill Chuck, as well as the chucks on all CHAMPION Drill Spindles, comply with all the liability laws, as their is no protrusion on the outside of the Chuck to injure the operator. This has been overcome by counter-sinking the head of the set screw which is only required to keep the drill bit from dropping or pulling out while drawing the bit out of the bored hole. The set screw has absolutely nothing to do except to keep the bit from dropping or pulling out.

The Never Slip Chuck enables the drill to do truer work, it gives practically double life to the drill bit, it entirely eliminates the universal trouble known to all users of drills in holding the drill bit, and as this great invention has been placed an all Champion drills free of charge, it is worth the attention of every man who is interested in blacksmith drills.



No. 25—CHAMPION, new back-geared and cut-geared, automatic self feed, ball bearing, drills to center of 22 in. circle, with three-step cone pulley and countershaft, complete for power and hand, spindle bored like "Never-Slip" chuck for 4/4 in. straight shank drill bits, 6¼ in. up-and-down run, w't 440 lbs.★ each..... $55.00

No. 25—CHAMPION, with tight and loose pulleys, complete for power and hand, w't 350 lbs.★.....each 44.00

No. 25—CHAMPION, for hand only, w't 325 lbs.★.....each 40.00

The independent countershaft, with three-step cone pulley to give the drill different speeds, is a feature of great importance and advantage for a power drill. It is made with cut gears and with ball bearings only. The rack for raising or lowering the table is very convenient, very quick in action and very easy to work. The table always remains where it is stopped. It will not stick and throw the drill and table out of line. The table can be turned from under the drill spindle and out o the road precisely the same as if no rack was there. It has a large, round lathe-turned and slotted table making it very convenient for bolting the work on.

The Champion No. 25 new back-geared automatic self-feed post drill is a perfect single or double-back-geared drill, which can be changed from one to the other in an instant by the slightest movement of the hand. The back-geared principle on this drill is very powerful. The gears turn or revolve in the same direction that the crank is turned. The transmission of the power by the bevel gears direct to the drill spindle is as close to the drill as it can be built, which is a great feature in a drill to make it run light and give power, as transmitting the power too far from the drill bit acts precisely like hitching a horse too far from the buggy.

These are high grade drills, particularly adapted for blacksmith, carriage and machine shops. The special feature of these drills is that they have the combination automatic self and lever feed. They are independent of each other, and can be changed from one to the other in a fraction of a second. This improvement means a saving of time and labor at least 95 per cent, by the quick return of the drill out of the work and replacing for drilling the next hole, as it obviates the necessity of turning feed screw back to get the drill bit out of the work.

They have been especially designed to meet every requirement of strictly first-class up-to-date power and hand drill. The two powers are combined and either power is always ready for operation without interfering with the other, and without the slightest change of the drill. The lever feed makes them a capital wood-boring machine,.

Our stock on above drills have spindles bored to take 4/4 in. straight shank drill bits. If specially ordered from factory will be bored to take ½ in. and ⅝ in.

★ *FOR FACTORY SHIPMENT ONLY.*

TOOL CHESTS AND WORK BENCHES.

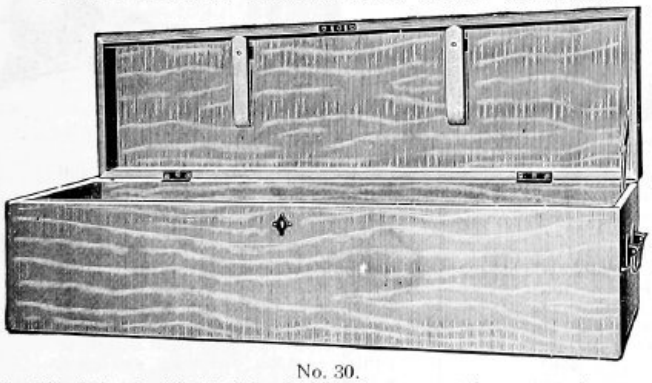
CARPENTERS' TOOL CHESTS.

No. 10.

No. 10—Oak, size 26×13×12 in. inside measurement, has 2 trays, saw rack will take 22 in. panel saw, nicely finished, cover has one panel, corners are grooved, glued and nailed, with iron handles, fitted with brass lock and key, w't 50 lbs.....each $8.00

No. 20—Oak, size 32×18×16 in. inside measurement, will take 28 in. saw, otherwise same as No. 20, w't 90 lbs.....each 10.00

CARPENTERS' SHOULDER TOOL CHESTS.



No. 30.

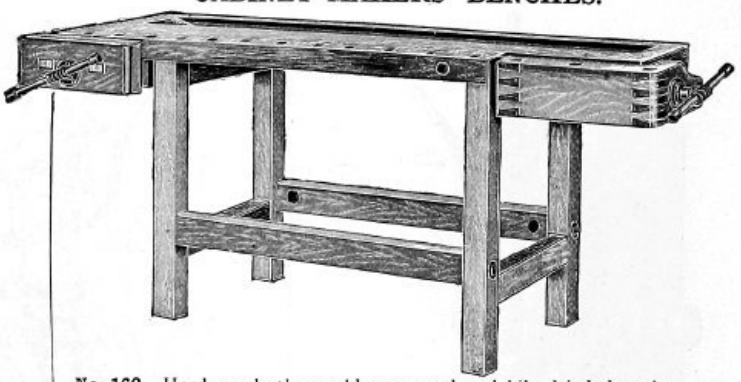
No. 30—Oak, size 25×8×8 in. inside measurement, has saw rack, will take 20 in. panel saw, nicely finished, with iron handles, fitted with brass lock and key, w't 11 lbs.....each $4.00

No. 40—Oak, size 32×8×8 in. inside measurement, has saw rack which will take 28 in. saw, otherwise same as No. 40, w't 14 lbs., each..... 5.00

MANUAL TRAINING BENCHES.

No. 166—Hard maple thoroughly seasoned and kiln-dried, length 4 ft. (exclusive of vises), width 20 in., height 32 in., glued up maple top 13 in. wide and 1¾ in. thick, 7 in. recess for tools at back, backboard for holding tools, size of legs 1¾×3 in., furnished with front and tail vises both fitted with 1 in. iron bench screws, also furnished with three spring wood stops, w't 130 lbs..★.....each $10.60

CABINET MAKERS' BENCHES.



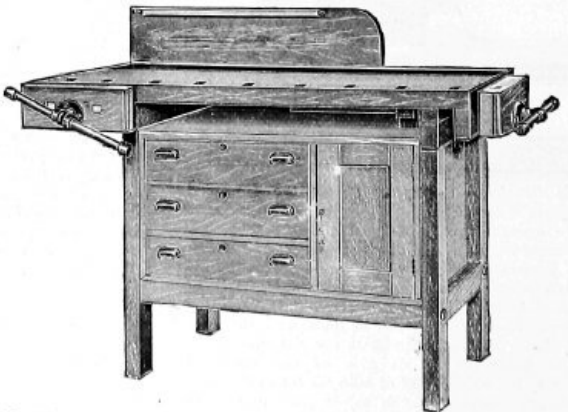
No. 160—Hard maple thoroughly seasoned and kiln-dried, length 6½ ft., width 25 in., height 34 in., glued up maple top, 14 in. wide and 2⅝ in. thick, 10 in. recess for tools at back, maple legs 2¾×3½ in., furnished with front and tail vises fitted with 1⅛ in. iron bench screws, under side of front piece of the top and upper edge of front girt are grooved to receive slides when wanted, w't 235 lbs..★.....each $14.40

No. 161—Length 6½ ft., width 30 in., height 34 in., width of top 16 in., otherwise same as No. 160, w't 270 lbs.★.....each 15.60

No. 162—Length 7 ft., width 30 in., height 34 in., width of top 16 in., otherwise same as No. 160, w't 285 lbs.★.....each 16.80

No. 164—Hard maple thoroughly seasoned and kiln-dried, length 5 ft., width 22 in., height 34 in., glued up maple top 13 in. wide and 2⅜ in. thick, recess at back for holding tools, maple legs 2¾×3½ in., furnished with front and tail vises both fitted with 1⅛ in. iron bench screws, w't 190 lbs.★.....each $12.50

MANUAL TRAINING BENCH.

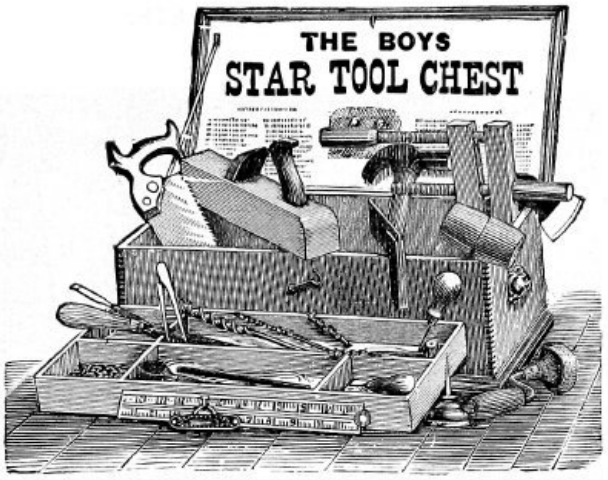


No. 167—Hard maple thoroughly seasoned and kiln-dried, with cabinet, length 4 ft. (exclusive of vises), width 20 in., height 32 in., glued up maple top 13 in. wide and 1⅜ in. thick, 7 in. recess for tools at back, backboard for holding tools, cabinet contains three drawers and cupboard all fitted with locks and keys, drawers are 19 in. long, 18 in. wide, 4 in. deep, cupboard is 10×14× 18½ in., size of legs 1¾×3 in., furnished with front and tail vises both fitted with 1 in. iron bench screws, also furnished with three spring wood stops, w't 200 lbs.★..each $17.40

The Leading Makes of Rapid Acting Vises can be Furnished at a Slightly Advanced Price.

★*FOR FACTORY SHIPMENT ONLY.*

TOOL CHESTS.



No. 45B—Chestnut box, size 9½×4¼×2½ in., hinged cover, locked corners, well finished, with brown mouldings, containing about 8 tools, w't per doz. 17½ lbs.....per dozen $ 4.50

No. 60B—Chestnut box with till, size 11×5×3⅝ in., hinged cover, with heavy brown mouldings, containing about 11 tools, w't per doz. 40 lbs.....per dozen 9.75

No. 90B—Chestnut box with tray, size 12¾×6×4¼ in., locked corners, with heavy brown mouldings, containing about 13 tools, w't per doz. 62½ lbs.....per dozen 12.75

No. 600B—Chestnut box with tray, size 14⅛×6¾×4¾ in., with heavy brown mouldings, containing about 16 tools, w't per doz. 90 lbs.....per dozen 15.00

No. 700B—Chestnut box with tray, size 15½×7½×5⅜ in., with heavy brown mouldings, containing about 16 tools, w't per doz. 105 lbs .....per dozen 18.75

No. 725B—Size 16¼×7¾×6 in., polished hammer, large level, brace and bit, w't per doz. 110 lbs., otherwise same as No. 700B,.....per dozen 21.75

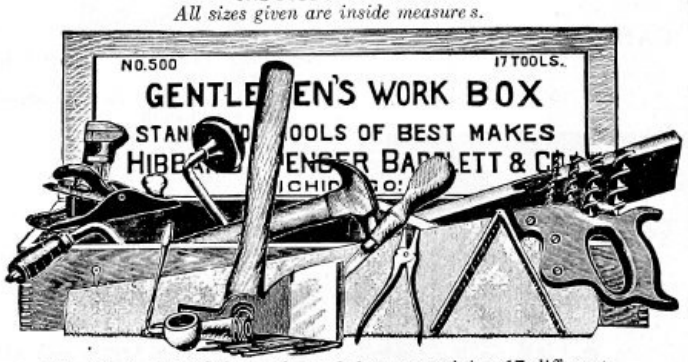
No. 750B—Chestnut box with tray, size 17×8×6 in., with heavy brown mouldings and bronze handles, containing about 24 tools, w't per doz. 125 lbs.....per dozen 27.00

No. 800B—Chestnut box with tray, size 18×8½×6¾ in., with heavy brown mouldings and bronze handles, containing about 28 tools, w't per doz. 140 lbs.....per dozen 36.00

No. 220—Chestnut box with tray, size 18×8½×6 in., with dovetailed corners, heavy black walnut mouldings, polished and finished with best grade of varnish, bronze handles, fitted with good locks and keys, containing about 20 tools, w't 14 lbs., per dozen..... 81.00

NO. 45B, SIX DOZEN; NO. 60B, THREE DOZEN; NO. 90B, TWO DOZEN; BALANCE, ONE DOZEN IN A CRATE.

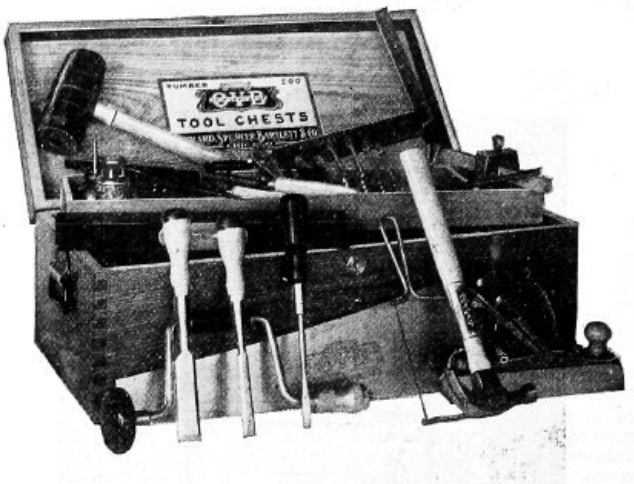
All sizes given are inside measures.



No. 500—H. S. B. & Co's men's work box, containing 17 different tools as enumerated above, made by the best makers and taken direct from stock, the assortment includes just such tools as every man needs about the house, dovetailed box, length 2 ft. 3¼ in., width 8¼ in., height 4⅛ in., w't 19 lbs.....each $8.00

Contents.

1 No. 102 Level.
1 No. 40 Tool Handle.
1 Pair 6-in. Button Pliers.
1 No. 1 5-in. Screw Driver.
1 No. 61 Rule.
1 8-in. Agricultural Wrench.
1 ¼-in. Cast Steel Auger Bit.
1 ½-in. Cast Steel Auger Bit.
1 ¾-in. Cast Steel Auger Bit.
1 1-in. Cast Steel Auger Bit.
1 No. 35 7/32-in. German Gimlet Bit.
1 No. 2 Maricopa Half Hatchet.
1 No. 110 Rev-o-noc Block Plane.
1 8-in. Washita Oil Stone, 1 lb.
1 Calumet Bell-Face Nail Hammer.
1 No. 80, 22-in. Panel Saw.
1 10-in. Barker's Brace.



No. 200 O.V.B.—Hardwood box with tray size 25½×11½×9 in. dovetailed box, nicely finished, fitted with lock and key and chest handles on ends, contains 25 high grade tools, w't 30 lbs., each..... $15.00

Contents.

1 No. 2 O. V. B. A. E. Nail Hammer.
1 ½-in. O. V. B. Socket Butt Chisel.
1 1-in. O. V. B. Socket Butt Chisel.
1 20-in. O. V. B. Panel Saw.
1 No. 100 Coping Saw.
1 6-in. O. V. B. Wing Divider.
1 10-in. O. V. B. Steel Square.
1 O. V. B. Scratch Awl.
1 No. 62 Marking Gauge.
1 No. R 24 Plane.
1 No. 22½ Mallet.
1 No. 102 Level.
1 No. 03 Zigzag Rule.
1 6-in. O. V. B. Flat Bastard File and handle.
1 6-in. O. V. B. Flat Slim Taper and handle.
4 O. V. B. Auger Bits ¼, ⅜, ½ and ¾ in.
1 O. V. B. Gimlet
1 8-in. O. V. B. Plain Brace.
1 5-in. O. V. B. Screw Driver.
1 35½ O. V. B. Nail Set.
1 322 Rev-o-noc Pliers.
1 O. V. B. Alligator Wrench.
1 No. 31 Oiler.
2 oz. of Glue.
1 No. 111 Carpenter's Pencil.

No. 300—Hardwood box with tray, size 25½×11½×9 in., dovetailed box, nicely finished, fitted with lock and key and chest handles on ends, contains 25 tools, w't 30 lbs.....each $12.00

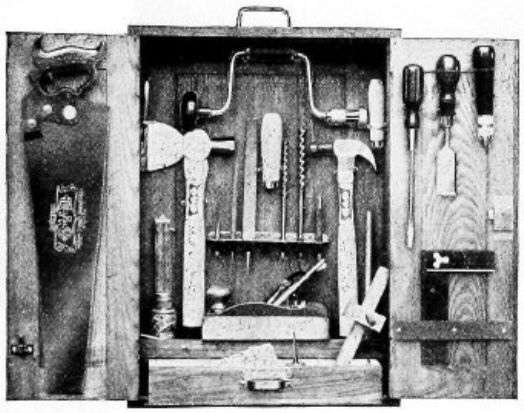
Contents.

1 No. 2 Nail Hammer.
1 ½-in. Socket Butt Chisel.
1 1-in. Socket Butt Chisel.
1 20-in. "I Will" Panel Saw.
1 No. 100 Coping Saw.
1 No. 3 6-in. Divider.
1 No. 10 Steel Square.
1 No. 61 Marking Gauge.
1 No. 100 Scratch Awl.
1 No. 155 Plumb and Level.
1 No. R 23 Plane.
1 No. 20 Mallet.
1 6-in. American Flat Bastard File and Handle.
1 6-in. American Slim Taper File and Handle.
1 No. 803 Zigzag Rule.
4 No. 62 Auger Bits.
1 No. 200 Gimlet.
1 8-in. Brace.
1 5-in. Screw Driver.
1 Nail Set.
1 No. 3120 Pliers.
1 No. 01 Alligator Wrench.
1 No. 0 Oiler.
1 2 oz. Bottle of Glue.
1 No. 111 Carpenter's Pencil.

Nos. 200 and 300 contain tools well adapted for home use. They are also suited for boys desiring an assortment of high grade and serviceable tools.

TOOL CABINETS.

O. V. B. TOOL CABINETS.

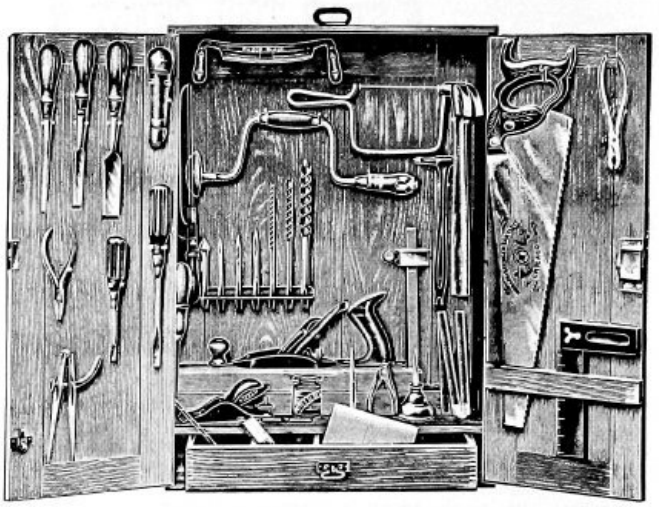


No. 25 O. V. B.—Hardwood, nicely varnished, dovetailed, with two paneled doors, outside measurement 24×17×6 in., inside measurement 22¾×15¾×5½ in., inside drawer 13¼×3×2 in., brass hinges, lock with key and heavy brass bolt with 21 best grade tools, w't 45 lbs. ..... each $25.00

Contents.

No. 24 Rev-o-noc Plane.
18 in. O. V. B. Panel Saw.
No. 2 O. V. B. Bell Face Nail Hammer.
No. 1 O. V. B. Shingling Hatchet.
8 in. O. V. B. Plain Brace.
1 each—⅜ and ½ in. O. V. B. Auger Bits.
No. 30—4-32nds. O. V. B. Gimlet Bit.
No. 213—1¼ in. Butt Chisel.
No. 70—6 in. Oil Stone.
No. 20—6 in. Try Square.
6 in. O. V. B. Screw Driver.
8 in. O. V. B. Mill File, with handle.
5½ in. O. V. B. Slim Taper File, with handle.
No. 1 O. V. B. Tool Handle.
No. 35½ Nail Set.
No. 322 Rev-o-noc Plier.
No. 1 Cabinet Scraper.
No. 111 Carpenter's Pencil.
No. 61 Rule.
No. 62 Marking Gauge.
No. 31 Copper Plated Oiler.
2 ounces LePage's Glue.

MENS' TOOL CABINETS.



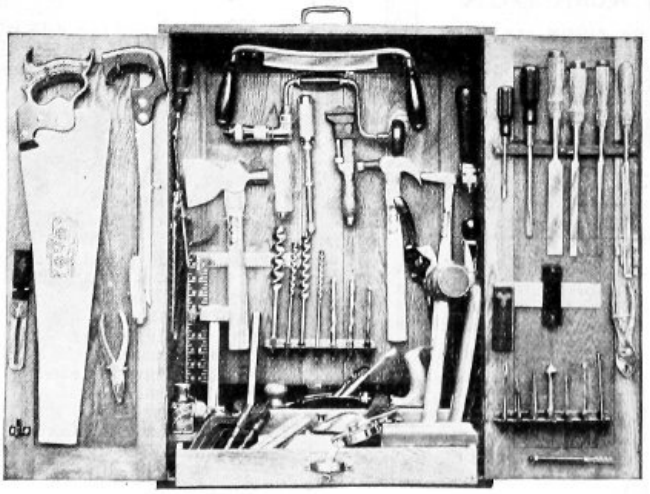
No. 101—Chestnut, paneled and nicely finished, outside dimensions 26⅜×19⅜×8 3/16 in., contains 35 first quality tools, as enumerated below, w't 55 lbs. ..... each $30.00

ONE IN A CASE.

Contents.

1 18 in Saw.
1 Brace.
3 Gimlet Bits.
3 Auger Bits.
3 Chisels.
2 Screw Drivers.
1 Hack Saw.
1 Hexagon Level
1 Countersink.
1 Cabinet Scraper.
1 Steel Nail Hammer.
1 Tack Hammer.
1 Tool Holder, with 10 Tools
1 Drawing Knife.
2 Planes.
1 Rule.
1 Try Square.
1 Marking Gauge.
1 Knurled Nail Set.
1 Pair Wing Dividers.
1 Pair Gas Pliers.
1 Pair Flat Nose Pliers.
1 Pair Cutting Nippers.
1 Saw File.
1 Oil Whetstone.
1 Oiler.
1 Glue Pot.
1 Coping Saw.

O. V. B. TOOL CABINETS.



Contents.

No. 26 Rev-o-noc Jack Plane.
No. 9½ Rev-o-noc Block Plane.
22 in. O. V. B. Panel Saw.
12 in. O. V. B. Compass Saw.
No. 1 Crown Hack Saw Frame.
No. 100 Coping Saw.
No. 2 O. V. B. Bell Face Nail Hammer.
No. 1 O. V. B. Riveting Hammer.
No. 1 O. V. B. Shingling Hatchet.
No. B-10 Blued Steel Square.
No. 20—6 in. Try Square.
No. 25—8 in. Sliding T Bevel.
8 in. O. V. B. Drawing Knife.
No. 33—8 in. O. V. B. Ratchet Brace.
⅜, ½, ¾ and 1 in. O. V. B. Auger Bits.
No. 30—4 and 8-32nds. O. V. B. Gimlet Bits.
No. 18—Countersink Bit.
No. 1-½ in. O. V. B. Reamer Bit.
No. 7 Screw Driver Bit. O. V. B.
¼, ½ and 1 in. O. V. B. Socket Firmer Beveled Chisels.
No. 60—½ in. O. V. B. Socket Firmer Gouge.
No. 60—½ in. O. V. B. Socket Firmer Gouge.
8 in. O. V. B. Mill File, with handle.
No. 2 Spoke Shave.
1 each—No. 108—⅛, 3/16, ¼, 5/16 and ⅜ in. Drill Bits.
No. 041 Yankee Hand Drill.
5½ in. O. V. B. Slim Taper File, with handle.
10 in. O. V. B. Half Round Cabinet File, with handle.
No. 716 Mounted Oil Stone.
No. 2 O. V. B. Tool Handle.
3 in. O. V. B. Screw Driver.
6 in. O. V. B. Screw Driver.
8 in. O. V. B. Wing Divider.
O. V. B. Scratch Awl.
O. V. B. Brad Awl.
No. 35½ O. V. B. Nail Set.
No. 322 Combination Plier.
No. 5 Glass Cutter.
No. 1 Cabinet Scraper.
No. 33 Measuring Tape.
No. 781 Carpenter's Pencil.
No. 62 Marking Gauge.
No. 00 Level.
8 in. Agricultural Wrench.
No. 12 Mallet.
No. 2 Carriage Maker's Clamp.
No. 31 Oiler.
2 ounces LePage's Glue.
No. 226 Flat Nose Plier.
O. V. B. Tack Claw.
1 dozen No. 1—9 in. O. V. B. Hack Saw Blades.
No. 61 Rule.

No. 50 O. V. B.—Hardwood, nicely varnished, with two paneled doors, brass hinges, lock with key and heavy brass bolt, outside measurement 31×22½×7¾ in., inside measurement 29¼×21×7¼ in., inside drawer 19½×5×2 in., with 60 best grade tools, w't 85 lbs. ..... each $50.00

WOOD-WORKING MACHINERY.

SCROLL SAWS.

No. 1—NEW ROGERS, japanned iron frame, striped in red and gold, japanned tilting-table, selected ash arms and pitman, steel arbors, carefully fitted to bearings, 4½ in. iron balance wheel, with drilling attachment, improved saw clamps, height of table 32 in. The swing around the table under the arm is 34 in., complete with 1 dozen saw blades, wrench, sheet of designs and drill points, w't 25 lbs., boxed for shipment 42 lbs.....each $5.00

ONE IN A BOX. SHIPPED KNOCKED DOWN.

No. 7—Cast iron frame, hard maple table and arms, balance wheel runs on steel arbor, 7 in. blade, complete with 1 dozen saw blades, w't 55 lbs.; boxed for shipment, 80 lbs★.....each $15.00

For carpenters and builders, cabinet makers and other wood-workers. Will saw pine 2 in. thick, 1 ft. per minute; 1 in. thick, 4 ft. per minute. Ordinary rate of speed when sawing, from 800 to 1,200 strokes per minute. Leaves the work as smooth as is possible for any saw to do, and can be taken out and replaced in an instant for inside work. The swing around the blade under the arm is 24 in.

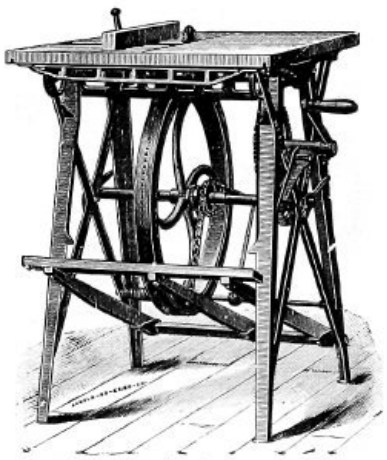
VELOCIPEDE SCROLL SAWS.

No. 2 —Cast iron frame, hard maple table and arms, balance and drive wheels run on steel arbors, 7 in. blade, with 1 dozen blades (without attachment) w't 90 lbs., boxed for shipment, 130 lbs★.....each $18.00

No. 2B—With boring attachment, including one $\frac{3}{16}$ in. bit.★.....each 20.00

The swing around the blade under the arm is 24 in. The boring attachment can be furnished at any future time, if not desired when ordering the machine. We can furnish extra bits at the following prices, each: $\frac{1}{16}$, 15c; $\frac{3}{32}$, 15c; $\frac{1}{8}$, 20c; $\frac{5}{32}$, 20c; $\frac{3}{16}$, 25c; $\frac{7}{32}$, 30c; $\frac{1}{4}$, 35c.

COMBINED CIRCULAR AND SCROLL SAWS.



Showing circular saw only.

No. 25—Circular saw only (with two 6 in. saws), without attachments★....each $35.00

No. 26—Scroll saw attachment (1 dozen saws),★ extra.....each 5.00

No. 27—Boring attachment, with drill chuck,★ extra.....each 10.00

No. 28—Combined machine, complete with attachments★.....each 50.00

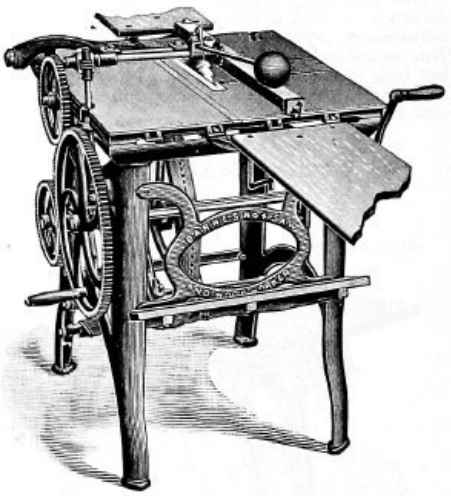
Neither the circular nor the scroll saw interferes in the slightest degree with the successful operation of the other. The capacity of the scroll saw is the same as that of No. 7. The table can be handily adjusted up or down by a cam, to allow any desired depth of cut being made by the saws or cutter tools. The circular saws are 6 in. in diameter, and reach 1⅝ in. above the table. Weight boxed for shipment, 350 lbs.

HAND CIRCULAR RIP SAWS.

No. 14—Cast iron frame, w't 190 lbs., boxed 200 lbs., complete with two 10 in. saws★.....each $40.00

Will rip boards or planks of either soft or hard wood, of any thickness up to 3¾ in., and of any width up to 19 in. The rollers are self-adjusting to thick, thin, or uneven lumber. The saw can be instantly set to or from the gauge to any width desired. Rabbets, bevels, tenons, etc., can be cut to advantage, and by using two saws side by side, grooving for windows and door steps, etc., can be done. (An extra saw is furnished for this purpose.)

CIRCULAR SAWS.



No. 4—Iron and steel frame, 30×30 in. iron table, complete with self-feed, two 10 in. circular saws (1 each rip and cross-cut), w't 400 lbs., crated 480 lbs.★ each.....each $60.00

No. 5—With countershafts, for steam instead of foot power, otherwise same as No. 4★.....each 65.00

No. 6—Boring attachments★..... " 10.00

No. 7—Countershaft and belt pulleys★ each..... 10.00

No. 8—Universal mitre gauges★....each 10.00

Hand and foot power for hard or soft, thick or thin lumber. Can be used as a cross-cut saw. Self-feed mechanism can be instantly thrown back to rear of machine, also rip gauge, leaving table perfectly clear for cut-off work. Can be used for rabbeting and grooving. The self-feed can be used for grooving and rabbeting as well as when the machine is used for ripping. Cutter heads are also used for gaining and dadoing, and with knives of suitable width for joining. Can be provided with boring attachment, which is the same as used on the combined machine.

★*FOR FACTORY SHIPMENT ONLY.*

WOOD-WORKING MACHINERY.

FOOT POWER MORTISERS.

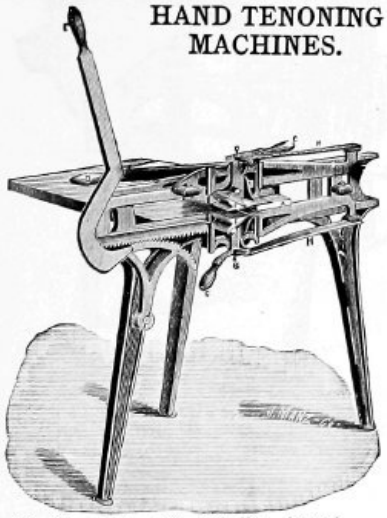
No. 9—Foot power mortisers, without chisels, w't 135 lbs, boxed 170 lbs.★ each.. $20.00

No. 10—Self-cleaning mortising chisels, sizes 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8 and 1 in.★.....each 1.00

No. 11—Blind slat chisels, with 3 set bits★.....each 5.00

Has great range for work, power on the chisel, accuracy in its action, and has all the required adjustments, which are easily and quickly made. Has abundant strength, is durable, and occupies but little space. Except the supplementary table and treadle, the machine is made entirely of iron and steel.

HAND TENONING MACHINES.



No. 16—Complete, w't 100 lbs., boxed 140 lbs.★.....each $25.00

Will cut tenons of any length up to 3 in. By repeating the cut any desired length can be made. Will work on stuff of any size up to 2×12 in., and can be adjusted to gauge the length, thickness and shoulders of a tenon. Will not cope a shoulder, but will cut one shoulder further back than the other to accommodate stuff having a rabbeted edge, and will cut one shoulder deeper than the other, or both alike, as desired. Both sides of the tenon are cut at once, or one side only can be cut. Each thrust of the lever cuts a shaving similar to that of a rabbet plane; the rapidity of the thrusts and set of knives (as with a plane) govern the speed of the work. The machine cuts true, smooth, square shoulders, and can be set to cut tenons of uniform thickness or distance between the shoulders.

FORMERS.

Barnes.

No. 21—Foot power formers, without knives, w't 80 lbs., boxed 110 lbs.★ each.. $20.00

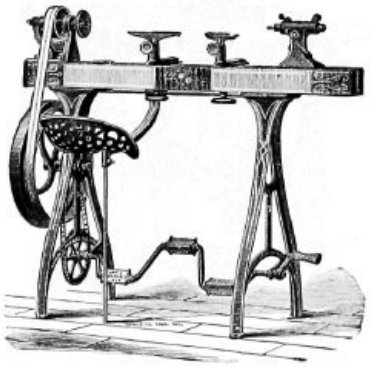
No. 22—Former knives, Nos. 1 to 20★ each.. 1.00

No. 23—Former knives, A to M★..each .50

No. 24—Fluting attachments★ extra, each.. 3.00

For moulding edges of brackets, scroll work, panel work, regular and irregular mouldings of all styles up to 7/8 in. The speed of the knives is from 2,000 to 2,500 revolutions per minute, insuring rapid and smooth work. The knives can be instantly made to rotate in either direction that the grain of the wood may require. The spindle and its bearings are of steel, with adjustments to take up the wear. The parts to set the machine for the use of different knives and work are convenient, and all substantial and durable. The table can be lowered 2 1/4 in. below the lower cutting edge of the knife.

LATHES.



Barnes, Foot Power.

No. 3C—Complete, with 3 centers (1 a spur), 2 tool rests and sockets, and 1 turned face plate, w't 230 lbs., boxed 320 lbs.★.....each $40.00

No. 3W—Without lower portion, but with short bench legs★.....each 25.00

Designed for wood turning. Will take wood 12 in. in diameter and 3 ft. long. Has velocipede foot power and improved seat. Speed can be varied from 1,000 to 2,000 revolutions per minute, and the motion can be started, stopped or reversed instantly. Adjustable sliding seat can be readily moved along to any part of the bed that the work requires. This lathe is made entirely of iron and steel, except the bed, which is of wood. The spindle is of steel, fitted up in the best manner. All the bearings are of steel, making them strong, durable and light-running. The centers are accurately fitted to taper holes. No wrench is required to adjust tail-stock or tool rests and sockets, hand wheels being used instead.

★*FOR FACTORY SHIPMENT ONLY.*

LATHES.

No. 4—BARNES, all iron and steel, velocipede foot power, complete as described below, w't 210 lbs., boxed 265 lbs.★ each.. $50.00

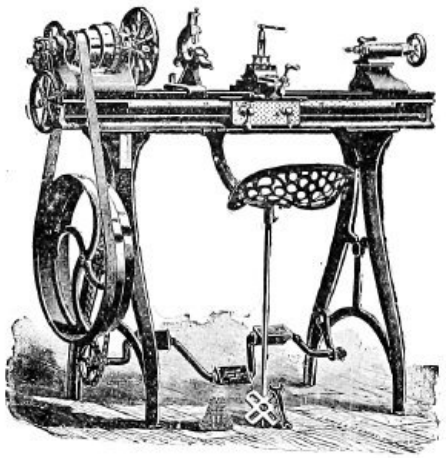
For turning both wood and iron, and for boring, drilling, polishing, etc. Swings 7 in. and takes 20 in. between centers. Speed can be varied from 1,000 to 2,000 revolutions per minute. Solid bed with V-shaped projections, over which the head, tail-stocks and hand and slide rests are fitted. Lead screw for the carriage is operated by hand; carriage can be traveled 20 in., the entire distance between the centers, and can be engaged or disengaged instantly from the lead screw. The upper or cross-feed way on which the tool post moves can be set at any desired angle, and tapers can be turned and taper holes can be bored to the extent of its travel. Tail-stock can be moved and set at any point desired, by the simple turning of a hand wheel, or taken off entirely, leaving bed free for face plate or chuck work. Head-stock spindle has taper bearings, and is capable of very nice adjustment. Tail-stock center is self-discharging. The lathe includes face plate, two pointed centers and one spur center, hand rest, wrenches and necessary belting.

No. 4 1/2—BARNES, all iron and steel, velocipede foot power, complete as described below, w't 270 lbs., boxed 340 lbs.★.....each $75.00

It is a back-geared screw-cutting lathe. Feeds right or left, and cuts screws right or left without change of gearing. Adjustable carriage for taper boring. Thoroughly gibbed for taking up wear. Tail-stock has side movement to adjust centers for turning tapers. Head-stock has hollow spindle for rods up to 3/8 in. It swings 9 in. on the face plate and 4 3/4 in. over tool carriage, and takes 25 in. between centers, has three speeds, and is suitably arranged for heavy or light work in turning or polishing. With face plate, two pointed centers and one spur center, wrenches and necessary belting.

LATHES AND EMERY GRINDERS.

LATHES.



Cut showing portion of Nos. 5 and 5½ Screw Cutting Engine Lathes.

Barnes all Iron and Steel, Velocipede Foot Power.

No. 5—Lathe, complete as described★ each..... $100.00

No. 5—With extra long bed, 40 in. between centers★.....each 105.00

Swings 11 in. on the face plate, 6½ in. over the tool carriage, and is 34 in. between centers. Back-gearing and cone pulleys give great range of speed. Head stock has a steel spindle with ½ in. hole through its entire length. Tail stock can be readily set at any desired point, and can be taken off altogether, leaving it free for face plate or chuck work. It can also be set over for turning tapers. Spindles of both head and tail stocks are of steel, with positively true taper holes for the reception of the centers. Tail stock center is self-discharging. Tool carriage is gibbed to the bed. The tool can be set to the work at any position or angle desired; also to bore a taper hole. All the works are securely protected from chips and dirt. As a right or left screw cutting lathe it is simply perfect. All the gearing is cut from solid metal in the best machinery known for gear cutting, and is as true and noiseless as it is possible for metal gearing to be. Weight 385 lbs.; boxed ready for shipment 500 lbs.

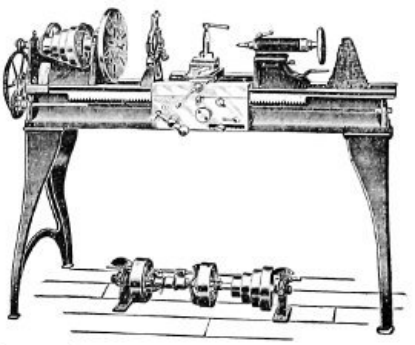
Barnes All Iron and Steel, Velocipede Foot Power.

	LGTH. OF BED, FEET.	BETWEEN CENT., INCH.	W'T OF LATHE, LBS.	W'T BOXED, LBS.	EACH.
No. 5½	5	33	640	775	★$135.00
No. 5½	6	45	690	830	★ 145.00
No. 5½	7	57	740	890	★ 155.00
No. 5½	8	69	790	950	★ 165.00
No. 5½	10	93	950	1150	★ 185.00

If countershaft is taken instead of foot power. advance list $5.00.

Designed to do as heavy work as is practical by the use of foot power. It is a strong, thoroughly well made tool in every particular. No. 5½ has patent twin screw feed and screw cutting combination, which makes change of feed in the tool carriage instead of in the head stock. This greatly simplifies and reduces the number of parts commonly used for these purposes. Tail stock has side movement to adjust centers for turning tapers. Head stock has hollow spindle for rods up to ½ in. All the gearing is cut from solid metal. The boxes are accurately fitted to the spindle, with provision to keep them true and take up wear. Steel spindles for both head and tail stocks. Tail stocks can readily be set at any desired point, or be taken off altogether. Swings on face plate, 13 in.; over tool carriage, 8 in. All the works are securely protected from chips and dirt, insuring long wear and durability to the most costly and vital parts of the lathe.

LATHES.



Barnes Automatic Cross-Feed and Compound Rest.

	DISTANCE LGTH. OF BED, FEET.	BETWEEN CENT. INCH.	W'T OF LATHE LBS.	W'T BOXED, LBS.	EACH.
No. 13	5	33	640	775	★$162.00
No. 13	6	45	690	850	★ 172.00
No. 13	7	57	740	890	★ 182.00
No. 13	8	69	790	950	★ 192.00
No. 13	10	93	850	1050	★212.00

If countershaft is taken instead of foot power, advance list $5.00.

With the patent velocipede foot power, motion can be started, stopped or reversed instantly, and greater power can be applied on the work than with any old-style foot power, and with greater ease. Head stock has a hollow steel spindle that will take a ½ in. rod through its entire length. Boxes are accurately fitted to the spindle, with provisions to keep them true and take up wear. Tail stock can be readily set at any desired point, or taken altogether from the lathe bed, without removing nuts or bolts. It can also be set over for turning tapers. Spindles for both head and tail stocks are of steel, with positively true taper holes for the reception of the centers. Tail stock center is self-discharging. Tool carriage is gibbed to the bed. All the works are securely protected from chips and dirt, insuring long wear and durability to the most costly and vital parts of the lathe. It is indexed for threads 4 to 32 and the change gears furnished can be combined for many other threads. Swings 13 in. on face plate; over tool carriage, 8 in. Has a splined screw, giving rod feed for turning, reserving the screw for thread cutting only. By a lever in the apron of the tool carriage, the feed can be graduated instantly from coarse to fine, and vice versa.

GRINDING AND POLISHING MACHINES.

Designed for light work, carrying emery and buffing wheels up to 6 in. diameter by 1 in. face.

Used by jewelers, dentists, glass workers and for light grinding on razors, skates, cutlery, etc.

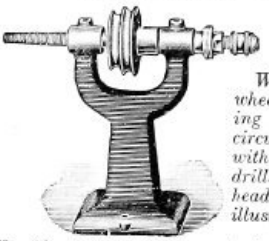
The head has a cone screw on one side, and a nut and collar on the other side for emery wheels etc.

Weight 85 lbs.; boxed for shipment, 115 lbs.

No. 100—Complete, without emery wheel or buffer,★..... each$18.00

★*FOR FACTORY SHIPMENT ONLY.*

POLISHING HEADS.



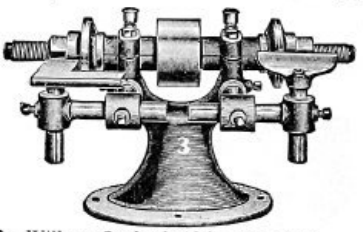
Will run emery wheels, buffers, polishing wheels and small circular saws, also fitted with chuck for holding drills. We furnish head only as shown in illustration.

No. 10—6 in. high, for wheels not larger than 6×½ in., 9 in. spindle, ⅜ in. diameter between flanges, one end 2 in. taper screw, other end fitted to hold emery wheels, etc., 2 speed pulleys for ¼ in. round belting, w't 3½ lbs., each..... $2.00

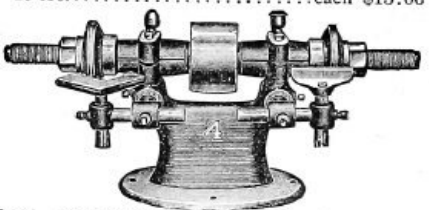
EMERY GRINDERS.

No. 1—For jewelers, dentists, etc., will run 2 wheels 6 in. diameter and 1 in. thick, ⅝ in. steel spindle, ½ in. diameter between flanges, 10 in. long, pulley 2 in. diameter, 1½ in. face, w't complete, 9 lbs. .....each $5.00

No. 2—Will run 2 wheels 10 in. diameter, 1½ in. thick, 13 in. steel spindles ⅞ in. diameter in bearings, ¾ in. diam. between flanges, bearings adjustable, 2 in. long, with brass oil cups, pulley 2⅜ in. diameter, 1⅞ in. face, w't complete, 20 lbs.....each $10.00



No. 3—Will run 2 wheels 12 in. diameter, 2 in. thick, 18 in. steel spindle 1⅛ in. diameter in bearings, 1 in. diam. between flanges, babbitted bearings 2⅞ in. long, same style as engine lathe bearings, self oiling, pulley 3½ in. diameter, 2¼ in. face, w't complete, 40 lbs.....each $15.00



No. 4—Will run 2 wheels 16 in. diameter, 2½ in. thick, 26 in. steel spindle 1⅛ in. diameter in bearings, 1¼ in. between flanges, babbitted bearings 4¾ in. long, same style as engine lathe bearings, self oiling, pulley 5 in. diameter, 4 in. face, w't complete, 65 lbs.. .....each $20.00

CORUNDUM AND EMERY WHEELS, EMERY FLOUR, ETC.

EAGLE CORUNDUM AND EMERY WHEELS.

Eagle Corundum Wheels are made from best quality Canadian Corundum from the Craig Mine.

Eagle Emery Wheels are made from high grade Turkish Emery.

The same lists apply to both Corundum and Emery Wheels.

DIAMETER, IN INCHES.	REVOLUTIONS PER MINUTE MAXIMUM.	THICKNESS IN INCHES. PRICE EACH.													DIAMETER IN INCHES.
		¼	⅜	½	⅝	¾	1	1¼	1½	1¾	2	2½	3	3½	4	
3	7,000	$0.50	$0.65	$0.80	$0.90	$0.95	$1.10	$1.25	$1.40	$1.55	$ 1.70	$ 2.00	$ 2.30	$ 2.60	$ 2.90	3
4	5,300	.75	.95	1.10	1.25	1.35	1.60	1.85	2.10	2.35	2.60	3.10	3.60	4.10	4.60	4
5	4,200	1.00	1.20	1.40	1.60	1.80	2.20	2.60	3.00	3.40	3.80	4.60	5.40	6.20	7.00	5
6	3,500	1.40	1.60	1.75	2.10	2.40	3.05	3.70	4.35	5.00	5.65	6.95	8.25	9.55	10.85	6
7	3,000	1.85	2.00	2.15	2.60	3.00	3.85	4.70	5.55	6.40	7.25	8.95	10.65	12.35	14.05	7
8	2,600	2.10	2.35	2.60	3.10	3.60	4.60	5.60	6.60	7.60	8.60	10.60	12.60	14.60	16.60	8
9	2,300	2.50	2.80	3.10	3.70	4.25	5.40	6.55	7.70	8.85	10.00	12.30	14.60	16.90	19.20	9
10	2,100	3.00	3.35	3.65	4.35	5.00	6.35	7.70	9.05	10.40	11.75	14.45	17.15	19.85	22.55	10
12	1,750	3.60	3.80	4.00	5.00	6.00	7.40	9.00	10.70	12.75	14.00	17.40	20.75	24.25	27.50	12
14	1,500	4.05	5.15	6.25	7.35	8.45	10.60	12.85	15.05	17.25	19.45	23.85	28.25	32.62	37.05	14
16	1,300					10.85	13.70	16.55	19.40	22.28	25.00	30.80	36.50	42.20	47.90	16
18	1,150					13.25	17.00	20.75	24.50	28.25	32.00	39.50	47.00	54.50	62.00	18
20	1,050						20.25	24.75	29.25	33.75	38.25	47.25	56.25	65.25	74.25	20
22	950						25.00	31.00	37.00	43.00	49.00	61.00	73.00	85.00	97.00	22
24	850						29.00	36.00	43.00	50.00	57.00	71.00	85.00	99.00	113.00	24
26	775							43.00	51.00	59.00	67.00	83.00	99.00	115.00	131.00	26
30	705								61.00	72.00	83.00	105.00	127.00	149.00	171.00	30
36	520								95.00	110.50	126.00	157.00	188.00	219.00	250.00	36

Made for dry grinding only, unless ordered specially. In ordering emery wheels, please give the diameter, thickness, size of mandrel, state whether square, bevel or round face, and purpose for which to be used.

GRAIN EMERY.

Pure Turkish Emery.

Kegs, about 300 lbs., sizes Nos. 60, 80, 90, 100, 120 and 150....per pound $0.12½

Half Kegs, about 150 lbs., sizes Nos. 60, 80, 90, 100, 120 and 150, per pound..... .13

5 lb. Packages, sizes Nos. 60, 80, 90, 100, 120 and 150.....per pound .16

WE DO NOT BREAK PACKAGES.

EMERY FLOUR.

Pure Turkish Emery.

Kegs, about 300 lbs.....per pound $0.07½

Half Kegs, about 150 lbs. .. " .08

5 lb. Packages..... " .14

WE DO NOT BREAK PACKAGES.

EMERY WHEEL DRESSERS.

Huntington, for truing, shaping and removing glaze from solid emery wheels while running at full speed, w't per doz. 22 lbs.....per dozen $12.00

Extra Cutters, w't per doz. sets 1 lb., per set..... .25

PIKE'S OIL STONES AND SLIPS.

OIL STONES.

No. 90—ARKANSAS, hard, assorted from 5½ to 8 in. long×1¾ to 2 in. wide × ¾ to 1 in. thick, w't 1½ to 1½ lbs., per pound..... $3.50

No. 91—ARKANSAS, hard, assorted from 3 to 5½ in. long×1¾ to 2 in. wide × ½ to 1 in. thick, w't ¾ to 1¼ lbs., per pound..... 2.80

No. 92—ARKANSAS, soft, assorted from 3 to 5½ in. long×1¾ to 2 in. wide × ¾ to 1 in. thick, w't ¾ to 1¼ lbs., per pound..... 1.50

No. 96—ARKANSAS, soft, assorted from 6½ to 7½ in. long×1¾ to 2 in. wide × ¾ to 1 in. thick, w't ½ to 1¾ lbs., per pound..... 1.70

No. 97—No. 2 quality, otherwise same as No. 96, w't 1 to 1¼ lbs..per pound .70

No. 81—LILY WHITE, assorted from 6 to 8 in. long×1¾ to 2 in. wide × ¾ to 1¼ in. thick, w't 1 to 1¾ lbs., per pound..... .60

No. 70 OVB—OUACHITA, assorted from 6 to 8 in. long×1¾ to 2 in. wide × ¾ to 1¼ in. thick, w't 1 to 1¾ lbs., per pound..... .50

No. 71—WASHITA, assorted from 6 to 8 in. long. ×1¾ to 2 in. wide × ¾ to 1¼ in. thick, w't ¾ to 1½ lbs.,per pound .40

No. 200—Assortment consisting of 12 No. 1 grade Washita oil stones, per assortment..... 4.00

Consisting of the following:

6 stones from 6 to 6½ in. long, retail value .35
3 stones from 5 to 6 in. long, retail value .25
3 stones from 4 to 5 in. long, retail value .15

Hindostan, although usually called an oil stone, can be used with water with equally good results. It is a very fine grained sand stone and is undoubtedly the best low priced sharpening stone for mechanics' tools.

The Arkansas oil stone is found in two grades, known as hard and soft. The hard grade is especially adapted to sharpening highly tempered tools, requiring very keen, smooth edges, also pointed tools, such as are used by engravers, watchmakers, diesinkers, wood and ivory carvers, surgeons, etc. The soft Arkansas is better adapted for carpenters, machinists, cutters and others who require a stone for putting on a fine finishing edge.

The Washita stone is more generally used by carpenters and joiners than any other. This stone is obtained in several grades, of which the Lily White brand is conceded to be the best general purpose stone yet discovered, it being capable of cutting away very rapidly and leaving a fine, smooth, lasting edge. Other grades of the Washita stone do very fair work but are not generally as satisfactory as the Lily White.

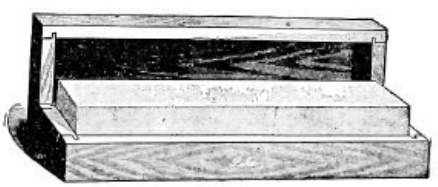
OIL STONES.

No. 61—QUEER CREEK, assorted from 4 to 8 in. long×1¾ to 2 in. wide × ¾ to 1¼ in. thick, w't 1¼ to 1½ lbs., per pound.. $0.20

No. 51—HINDOSTAN, small, assorted, 7×2×⅝ to 1 in., w't 1 lb..per pound .12

No. 52—HINDOSTAN, regular, assorted, about 8 in. long, w't from ¾ to 1½ lbs., per pound.. .10

MOUNTED OIL STONES.



No. 906—ARKANSAS, hard, 6×1⅞ in., mahogany box, w't per doz. 14 lbs., per dozen..... $30.00

No. 907—ARKANSAS, soft, 7×1⅞ in., mahogany box, w't per doz. 17 lbs., per dozen..... 20.00

No. 716—WASHITA, 6×1⅞ in., polished hardwood box, w't per doz. 14 lbs., per dozen..... 10.00

No. 717—WASHITA, 7×1⅞ in., polished hardwood box, w't per doz. 17 lbs., per dozen..... 11.00

No. 726—QUEER CREEK, 5×1⅞ in., polished hardwood box, w't per doz. 13 lbs.....per dozen 5.50

No. 727—QUEER CREEK, 7×1⅞ in., polished hardwood box, w't per doz. 18 lbs.....per dozen 7.00

No. 905—OHIO, 5×1¾×1 in., polished hardwood box, especially adapted for the household, w't per doz. 12 lbs., per dozen..... 4.00

BEVELED OIL SLIPS.

No. 93—ARKANSAS, hard, assorted 3 to 5 in. long×1¾ to 2 in. wide, w't ⅛ to ¼ lb.....per pound $4.00

No. 94—ARKANSAS, soft, assorted 3 to 5 in. long×1¾ to 2 in. wide, w't ⅛ to ¼ lb.....per pound 2.50

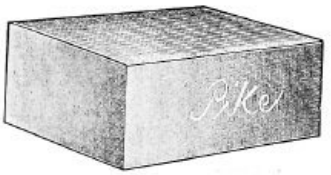
No. 83—LILY WHITE, assorted 3 to 5 in. long×1¾ to 2 in. wide, w't ⅛ to ⅜ lb., per pound..... .90

No. 73—OUACHITA, assorted 3 to 5 in. long×1¾ to 2 in. wide, w't ⅛ to ⅜ lb., per pound..... .80

No. 74—WASHITA, assorted 3 to 5 in. long×1¾ to 2 in. wide, w't ⅛ to ⅜ lb. per pound..... .70

No. 53—HINDOSTAN, assorted 3 to 5 in. long×1¾ to 2 in. wide, w't ⅛ to ⅝ lb., per pound..... .20

AXE STONES.



No. 76—WASHITA, 2×2×¾ to 1⅛ in., w't ¼ to ½ lb.....per pound $0.24

No. 55—HINDOSTAN, small, assorted 3×2×½ to 1 in., w't ¼ to ½ lb., per pound..... .10

No. 56—HINDOSTAN, large, assorted 4×2×¾ to 1¼ in., w't ½ to ⅞ lb., per pound..... .08

No. 45—MORE GRIT, 3¼×1¼×⅝ in., 5 to the pound.....per pound .15

No. 8—RUBY, 3×2×⅝ in., w't per doz. 5¼ lbs.....per dozen 4.00

SAND STONES.

No. 31—Shoemakers', about 8×1½×1½ in., w't about 1½ lbs...per pound $0.06

No. 32—Kitchen, 8×1½×1½ in., neat wood box, w't per doz. 30 lbs.per dozen $1.50

OIL STONES AND SLIPS AND FAMILY GRINDSTONES.

RUBY OIL STONES.

"OUR VERY BEST."

Finest Ruby Corundum, One Coarse Side and One Fine Side.

No. 3½ GVB—4×1½×½ in., w't per doz. 5½ lbs ..... per dozen $ 4.00

No. 3 GVB—6×2×¾ in., w't per doz. 15 lbs..... per dozen 7.00

No. 02 GVB—7×2×1 in., w't per doz. 16 lbs ..... per dozen 9.00

No. 22 GVB—7×2½×¾ in., w't per doz. 20 lbs..... per dozen 10.00

No. 21 GVB—8×2×1 in., w't per doz. 19 lbs ..... per dozen 10.00

Made of ground corundum, held together by special bond. One side is coarse for quick cutting on a very dull tool, and the opposite side is very fine for finishing. Not affected by moisture. The bond is of such a peculiarly tough nature that the stone is not easily broken. It may be dropped from quite a height without damage. This does away with the necessity of having each mounted in a wooden case.

IN HANDSOME PASTEBOARD CASE. HALF DOZEN IN A BOX.

RUBY OIL SLIPS.

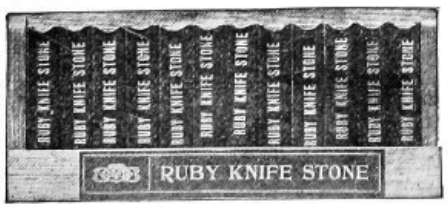
"OUR VERY BEST".

Finest Ruby Corundum.

No. 7 GVB—4×2¼×½ in., coarse, w't per doz. 2 lbs..... per dozen $4.00

No. 7½ GVB—4×2¼×½ in., fine, w't per doz. 2¾ lbs..... per dozen 4.00

HALF DOZEN IN A BOX.



"OUR VERY BEST."

Pocket, Finest Ruby Corundum.

No. 04 GVB—3½×¾×⅜ in., in leatherette case, w't per doz. 1⅜ lbs per dozen..... $3.00

ONE DOZEN IN A WOOD DISPLAY CASE.

INDIA OIL STONES.

Superior Composition, Color Light Brown.

No. 102—6×1⅝×¾ in., medium, w't per doze. 9 lbs..... per dozen $6.00
No. 103—6×1⅝×¾ in., coarse, w't per doz. 8½ lbs..... per dozen 6.00
No. 129—6×2×1 in., medium, w't per doz. 13 lbs..... per dozen 7.20
No. 130—6×2×1 in., coarse, w't per doz. 13½ lbs..... per dozen 7.20
No. 100—7×2×1 in., medium, w't per doz. 13 lbs..... per dozen 9.00
No. 101—7×2×1 in., coarse, w't per doz. 14 lbs..... per dozen 9.00
No. 108—8×2×1 in., coarse, w't per doz. 9 lbs..... per dozen 12.00
No. 109—8×2×1 in., medium, w't per doz. 18 lbs..... per dozen 12.00
No. 104—Penknife slip, 4×1×½ in., w't per doz. 2 lbs.. ..... per dozen 3.60
No. 105—Machinists' pocket stone, 4½×1½×⅝ in., w't per doz. 3 lbs., per dozen..... 4.80
No. 124—Slip, 4½×1¾×½×$\frac{3}{16}$ in., w't per doz. 2¾ lbs..... per dozen 4.20
No. 125—Slip, 4½×1¾×⅜×⅛ in., w't per doz. 2⅛ lbs..... per dozen 4.20

ONE IN A BOX.

Combination, One Coarse Side and One Fine Side.

No. 115—6×1⅝×¾ in., w't per doz. 9½ lbs..... per dozen $7.20
No. 116—6×2×1 in., w't per doz. 12 lbs..... per dozen 9.00
No. 117—7×2×1 in., w't per doz. 18 lbs..... per dozen 12.00
No. 118—8×2×1 in., w't per doz. 21 lbs..... per dozen 15.00

India oil stone has been on the market but a few years, yet its reputation has become world-wide. For rapid cutting it has no equal, and it leaves a remarkably smooth, lasting edge on the tool. It is made in coarse and medium grits. The coarse grit is used only where very rapid work is desired; The medium grit being used mostly by carpenters, joiners and others wanting a stone for general use.

The India is also made with the coarse grit on one side and medium on the other. This stone is very popular, as it saves many the necessity of buying two stones.

ONE IN A BOX.

EMERY OIL STONES.

No. 30—7×2×1 in., "Black-garnet" single grit, coarse, w't per doz. 11 lbs., per dozen..... $9.00

This is a coarse stone and is intended for tools that are very thick and dull.

HALF DOZEN IN A BOX.

EMERY OIL STONES.

Carpenters', One Side Coarse, the Other Side Fine.

No. 2—6×2 ×¾ in., w't per doz. 15 lbs..... per dozen $ 7.00
No. 1—7×2 ×1 in., w't per doz. 11 lbs..... per dozen 9.00
No. 01—8×2 ×1 in., w't per doz. 12 lbs..... per dozen 10.00
No. 001—8×2¼×1 in., w't per doz. 14 lbs..... per dozen 12.00

Made of emery and silicates, for use with oil only.

HALF DOZEN IN A BOX.

HIB-SPE-BAR OIL STONES.

No. 84—8×2×¾ in., fine, w' per doz. 12 lbs..... per dozen $8.00

This stone is made by a scientific process and is guaranteed to give a fine and durable edge.

EMERY OIL SLIPS.

No. 4.

No. 4—Oil Slip, 5×2×½ to ⅛ in., w't per doz. 10 lbs..... per dozen $4.00
No. 07—Pocket, 3½×¾×⅜ in., with sheath, w't per doz. 1⅝ lbs.. per dozen 4.00

Made of emery and silicates, for use with oil only.

ONE DOZEN IN A BOX.

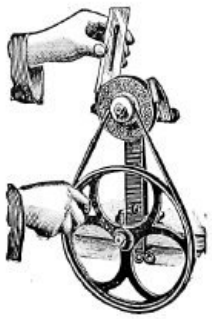
FAMILY GRINDSTONES.

Stained Wood Base, Japanned Iron Frame, Handle and Clamp.

Diameter of Stone..	7	8	9 in.
W't per doz.	96	120	138 lbs.
Per dozen	$12.00	14.00	16.00

TOOL GRINDERS AND ATTACHMENTS.

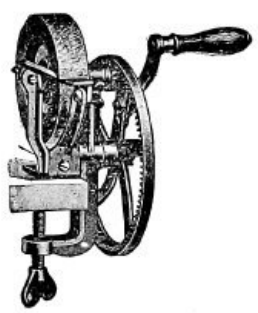
TOOL GRINDERS.



No. 14—ACME, cast iron frame, height 10 in., 10½ in. drive wheel, 4×¾ in. emery wheel, round leather belt, malleable screw bench clamp, speed 1,200 revolutions, w't 8 lbs.....each $2.50

This grinder is especially adapted for sharpening knives and small tools.

ONE IN A CASE.

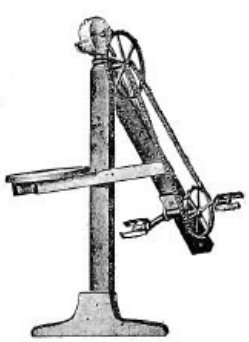


No. 11—PERFECTION, 4½ in. bylundum wheel, adjustable gauges, clamp, cog and handle, w't 4 lbs.....each $2.50

No. 12—PERFECTION, 5 in. bylundum wheel, otherwise same as No. 11, w't 4½ lbs.....each 3.00

This handy wheel is just the article for mechanics, butchers, farmers and household purposes. The gauge can be made to fit the angle of any tool and it is the only wheel that can be run with low speed and not glaze.

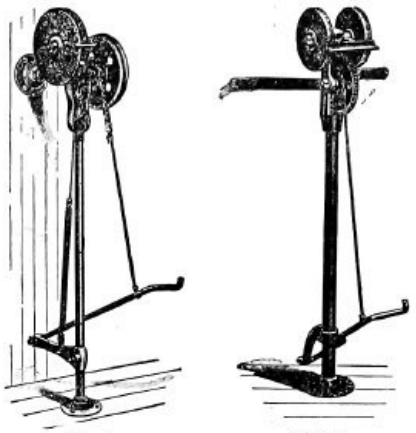
ONE IN A NICELY STENCILED BOX.



No. 7—GEM, bi-pedal tool, selected maple frame, strongly braced, babbitted box, adjustable seat, 1 coarse and 1 fine emery wheel 5×1½ in., 1 detachable buffing wheel, speed 4,000 revolutions, w't 40 lbs.....each $9.00

ONE IN A CRATE.

TOOL GRINDERS.



No. 6. No. 16.

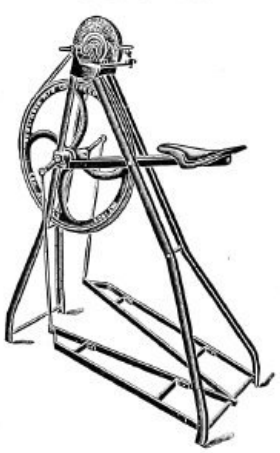
No. 6—Iron frame with floor and wall supports, adjustable foot lever, 6×¾ in. emery wheel, ⅝ in. steel shaft, new positive ball clutch, cone bearings, height 42 in., w't 25 lbs.....each $8.00

The No. 6 is designed for bicycle and repair shops, hardware, stove, plumbing, carpenter shops, etc., where light grinding is required. Buffing can also be done, as a speed of 2,000 revolutions and upwards is attained.

No. 16—UNION, iron frame, with floor and wall supports, adjustable foot lever, machine cut gears, driving parts inside shaft, height 42 in., complete with two 6×¾ in. emery wheels, and skate attachment, w't 30 lbs....each $11.00

Runs like a watch and requires only a few inches of floor space.

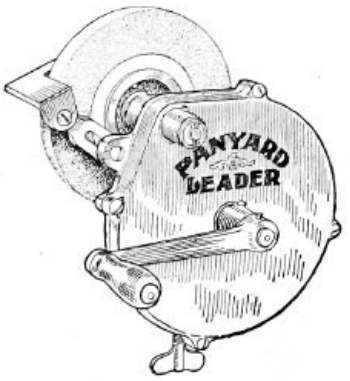
ONE IN A CASE.



No. 36—SCHOFIELD'S "NEW CLIMAX," bi-treadle, rigid angle steel frame, strongly braced, height 3½ ft., 19 in. drive wheel, 8×¾ in. emery wheel, adjustable seat, speed 1,800 revolutions, complete with tool and skate grinding rests, w't 50 lbs.....each $12.50

The legs are connected and held solid by shouldered cross rods which are riveted in. The pedals are braced by two angle irons of machine steel. The spindle at the head is a machine turned piece of machine steel. This spindle is threaded at one side for the emery wheel and threaded on the opposite side for a polisher. The polisher is not regular equipment, but will be furnished when ordered. The bearings are babbitted, which gives the grinder that nice, easy running quality. It folds up like a jack-knife, thereby allowing one quickly to set it back in a small corner when not in use.

TOOL GRINDERS.



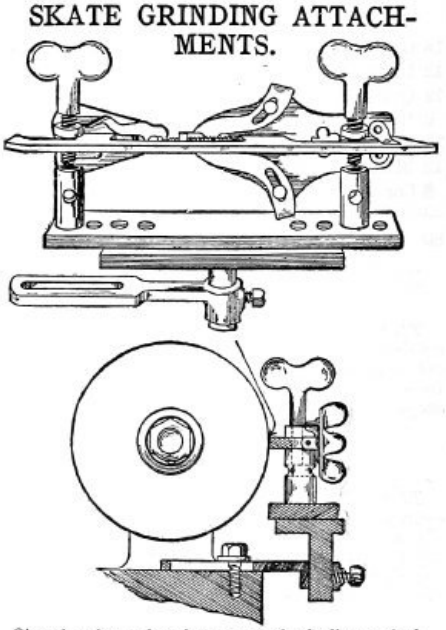
No. 18—PANYARD I-AM-IT, 5×1 in., pure corundum wheel, height 9 in., frame of gray iron, w't 6¾ lbs...each $ 6.00

No. 30—PANYARD LEADER, 7×1 in. pure corundum wheel, height 11 in., frame of gray iron, w't 18 lbs.....each 10.00

Made entirely by mechanics, wheel of pure corundum, working parts protected. By using cut spur gears a high cutting speed for the grinding wheel is obtained and the power applied to the handle is transmitted to the grinding wheel with the least possible amount of friction. The spindle and pinion are one piece of steel, turned and milled, and runs in renewable bronze bearings. The large gear is also turned and milled to give the best results. The case has ground joints, so that it can be partly filled with oil or grease for lubrication. The grinding wheel is cupped on one side, and it is held by a flange and three screws, so that it can be run in either direction without danger of coming off. The iron center is also cupped, to protect the spindle bearing from the dust, and to keep the weight of the grinding wheel over the bearing. The tool rest is strong, simple and practical and can be adjusted to any desired position or angle.

ONE IN A BOX; ONE DOZEN IN A CASE.

SKATE GRINDING ATTACHMENTS.



Showing how the skate gets the hollow grind.

No. 5—Attachment for sharpening skates can be used on any foot or power grinder that has an adjustable tool rest...each $3.00

Adjustable for different size skates. Is practical and is designed especially for the repair man who sharpens skates.

SCYTHE STONES AND SICKLE GRINDERS.

SCYTHE STONE ASSORTMENTS.

"OUR VERY BEST."

No. A GVB Assortment—Consisting of 80 scythe stones as below, put up in a finished 12×11½×10½ in. case, w't complete for shipment 80 lbs., per assortment..... $4.75

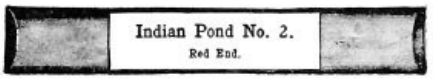
18 Green Mountain.....	each	$0.05	$0.90
12 Indian Pond, No. 1. ..	"	.10	1.20
12 Quickcut.....	"	.10	1.20
6 Mowing Machine.....	"	.10	.60
12 White Mountain.....	"	.15	1.80
12 Black Diamond.....	"	.15	1.80
8 Corundum.....	"	.15	1.20
80	Total.....		$8.70

THE OLD WAY:—Scythe Stones kept in original rough boxes, behind the counter or in some out-of-the-way place where they could not possibly induce sales from their display, or be in attractive shape to offer to a customer for his selection.

THE NEW WAY:—Scythe Stone Assortmen—an assortment of scythe stones attractively displayed in a tasteful box, that looks well on a counter; with a quantity of scythe stone circulars for free distribution giving the merits of the various kinds of stone, and with each kind of stone plainly marked with the selling price.

Each case contains seven varieties of our best selling brands, thus enabling the merchant to offer to his customer, in a well displayed compact form, a large assortment. Every stone is labeled with the retailing price as per list above.

SCYTHE STONES.

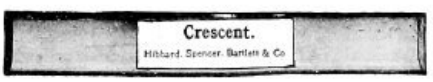


No. 60—INDIAN POND, No. 2, red end, clear grit, length 10 in., w't per gro. 104 lbs.....per gross $5.00

No. 66—PIKE'S GENUINE INDIAN POND, No. 1, oval, red end, very sharp grit, length 10 in., w't per gro. 108 lbs., per gross..... $7.50

These stones will not glaze and they require no water. No. 66 is a nicely finished stone while No. 60 is of same stone but not so well finished.

ONE-QUARTER GROSS IN A BOX.



No. 62—CRESCENT, oval, coarse, grindstone grit, length 10 in., w't per gro. 96 lbs.....per gross $7.00

This stone gives a quick, coarse edge.

No. 64—GREEN MOUNTAIN, flat oval, Vermont grit, sharp, length 10 in., w't per gro. 112 lbs.....per gross $7.00

No. 76—LAMOILLE, round oval, extra quality Vermont grit, very sharp, length 10 in., w't per gro. 124 lbs., per gross..... $11.00

The Green Mountain and Lamoille are taken from the same quarry. The Lamoille is better finished and gives a finer edge.

No. 68—WILLOUGHBY LAKE, round oval, bluish gray, fine sharp grit, length 10 in., w't per gro. 112 lbs....per gross $9.00

From the Willoughby Lake quarry. A sharp gritted stone which gives a fine edge.

No. 72—WHITE MOUNTAIN, oval, square edges, best New Hampshire grit, medium fine, length 10 in., w't per gro. 148 lbs.....per gross $9.50

A nicely finished stone, especially selected from the choicest New Hampshire grit.

SCYTHE STONES.

No. 78—BLACK DIAMOND, flat octagon, best Vermont grit, very fine, length 10 in., w't per gro. 116 lbs...per gross $12.00

A fine gritted stone and at the same time very sharp and fast cutting. It gives a fine lasting edge.

No. 95 REVONOC—Oval, terra cotta, corundum, medium grit, length 10 in., w't per gro. 96 lbs.....per gross $24.00

Made entirely of pure ground corundum, with a steel rod extending the entire length through the center to prevent breaking. With proper use will not glaze and will preserve cutting qualities until worn out.

"OUR VERY BEST."

GVB—Oval, terra cotta, corundum, length 10 in., fine, w't per gro. 95 lbs., per gross..... $30.00

Made of pure corundum, that is, they represent between 95 and 100 per cent of pure cutting material; therefore are the fastest cutting stone on the market.

After the stones are moulded, they are cleansed from all obstructive material, through the "vitrifying" process. In other words, they are passed through a very high heat, burning out all the impurities and leaving them porous, thus insuring free and rapid cutting without glazing.

ONE-QUARTER GROSS IN A BOX.

SICKLE GRINDERS.

"REV-O-NOC."

No. 8 REVONOC—Extra heavy cast frame, height 10 in., length 15 in., width 10 in., oscillating or stationary grinder, adjustable knife holder, 2 emery wheels, 3½×3 in. beveled face for mower knives, and 4×2 in. for tools, w't 19 lbs.....each $5.00
Extra tool and barrel-shaped wheels " 1.00

Can be shifted from the oscillating movement to the stationary, or vice versa, instantly, by merely lowering or raising a lever; geared so that one revolution of the hand wheel gives twenty-two revolutions of the emery wheel; preserves original bevel of mower knives, giving a sharp, perfectly true edge from heel to toe. Emery wheel is of highest quality and can be changed to either sickle or tool grinding in thirty seconds. Will grind a set of mower knives in ten minutes.

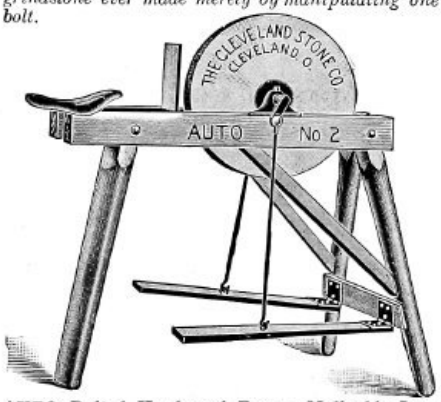
GRINDSTONES AND FIXTURES.

MOUNTED GRINDSTONES.

"REV-O-NOC".

REVONOC—Tubular steel frame, with seat, painted blue, water guard, drip cup, ball-bearing, high grade Huron stone, stone 19 to 22 in. in diameter and 1¾ to 2¼ in. thick, w't complete 90 lbs.....each $6.00

The frame being made of heavy steel tubing, it is the most rigid stone on the market. Can be set up in less time and with less labor than any other grindstone ever made merely by manipulating one bolt.



AUTO, Bolted Hardwood Frame, Malleable Iron Fixtures, Ball Bearings, Painted, Length 44 Inches.

Nos	13	12	11	
W't stone.	40 to 50	70 to 80	100 to 110	lbs.
W't complete	75 to 85	114 to 124	142 to 152	lbs.
Each.....	$5.00	5.50	6.00	

SHIPPED KNOCKED DOWN.

EXTRA PARTS FOR MOUNTED GRINDSTONES.

Shafts and nuts for Nos. 11, 12 and 13 Auto, and 21 Gem.....	each	$0.60
Cranks for Nos 11, 12 and 13 Auto, 21 and 26 Gem.....	each	.20
Pitman bearings, for Nos. 11, 12 and 13 Auto.....	each	.20
Balls for Nos. 11, 12 and 13 Auto and 21 Gem, in sets of nine.....	per set	.20
Shafts for No. 5 Schofield's.....	each	.50
Cranks for No. 5 Schofield's.....	"	.20
Shafts for No. 05 Schofield's.....	"	.50
Cranks for No. 05 Schofield's.....	"	.20
Shafts and nuts for Nos. 3, 2 and 1 Ohio, each.....		.50
Shafts and nuts for No. 26 Gem....	each	.60
Bearings for No. 21 Gem	"	.60
Bearings for No. 26 Gem.....	"	.40

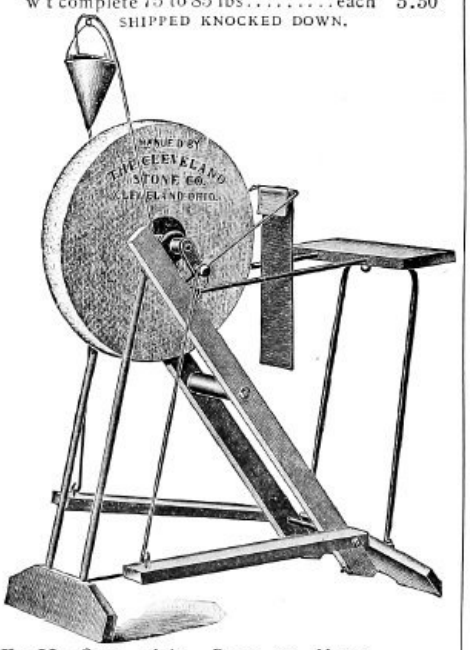
MOUNTED GRINDSTONES.

Malleable Iron Fixtures.

No. 5—SCHOFIELD'S, wrought steel frame and seat, double treadle, front shield, length 30 in., w't of stone 50 to 60 lbs., w't complete 77 to 87 lbs.....each $5.00

No. 05—SCHOFIELD'S, steel frame, ball bearing, double treadle, front shield, length 30 in., w't of stone 50 to 60 lbs., w't complete 75 to 85 lbs.....each 5.50

SHIPPED KNOCKED DOWN.



No. 26—GEM, plain, Berea or Huron stone, malleable iron fixtures, 40 to 50 lb. stone, w't complete 65 to 75 lbs ...each $3.80

No. 23—GEM, size 2, otherwise same as No. 26, w't complete 85 lbs.....each 4.20

No. 24—GEM, size 1, otherwise same as No. 26, w't complete 100 lbs....each 4.60

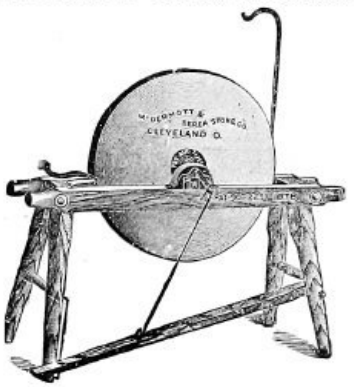
No. 21—GEM, ball bearings, Berea or Huron stone, malleable iron fixtures, 40 to 50 lb. stone, w't complete 65 to 75 lbs.....each 4.20

No. 25—GEM, size 2, otherwise same as No. 21, w't complete 85 lbs.....each 4.60

No. 19—GEM, size 1, otherwise same as No. 21, w't complete 100 lbs.....each 5.00

The power applied with the legs, by means of the duplex treadles, is nearly double that obtained with a crank, enabling the operator to run the stone at much greater speed, and perform faster and better work than the ordinary grindstone.

MOUNTED GRINDSTONES.

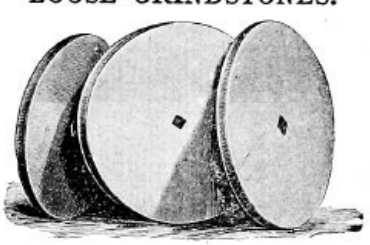


OHIO, Bolted Hardwood Frame, Malleable Iron Fixtures, Painted, Length 42 Inches.

Nos.....	3	2	1	
W't stone..	40 to 50	70 to 80	100 to 110	lbs.
W't complete.....	66 to 76	98 to 108	130 to 140	lbs.
Each.....	$4.70	4.90	5.10	

SHIPPED KNOCKED DOWN.

LOOSE GRINDSTONES.



40 to 200 lbs., selected stones....	per ton	$25.00
Under 40 lbs., selected stones...	"	26.00
Over 200 lbs., selected stones....	"	40.00

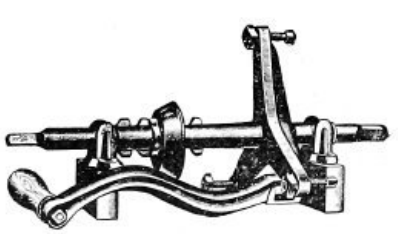
GRINDSTONE FIXTURES.

Cast Iron, Japanned, Double Wheel Anti-Friction Covered Bearings, Two Iron Washers and Adjustble Nut.

Axle.....	15	17	19	21	24 in.
W't per doz	73	78	88	110	120 lbs.
Per dozen..	$5.50	6.00	6.75	7.50	9.00

Extra Cranks.....	per dozen	$1.75
Extra Shafts with Nuts, 17 in....	"	2.50
Extra Flanges or Washers.....	"	1.00

FIXTURES HALF DOZEN IN A CASE.



No. 2—GIANT, cast iron, japanned, extra heavy, 17 in. axle, w't per doz. 102 lbs. per dozen..... $15.00

Will hang a stone true and fast to its shaft by means of set screws. No blocking, wedging or cementing is necessary.

HALF DOZEN IN A CASE.

FLINT AND EMERY PAPER AND CLOTH.

"REV-O-NOC" FLINT PAPER.

Sheets 9×11 in.

Nos	4/0	3/0	00	0
W't per ream	15	16	19	22 lbs.
Per ream	$6.25	6.25	6.25	6.25

Nos	½	1	1½	2
W't per ream	23	32	35	41 lbs.
Per ream	$6.25	6.75	7.25	7.75

Nos	2½	3	3½
W't per ream	47	53	63 lbs.
Per ream	$8.25	9.50	10.75

Assorted, w't per ream 33 lbs.... per ream $7.25

HALF REAM IN A PACKAGE.

"REV-O-NOC" GARNET PAPER.

Sheets 9×11 in.

Nos	4/0	3/0	00	0
W't per ream	24	25	30	34 lbs.
Per ream	$6.50	6.50	6.50	6.50

Nos	½	1	1½	2
W't per ream	39	50	60	88 lbs.
Per ream	$6.50	7.00	7.50	8.00

Nos	2½	3	3½
W't per ream	95	113	123 lbs.
Per ream	$8.50	9.75	11.00

Assorted w't per ream 63 lbs... per ream $7.50

HALF REAM IN A PACKAGE.

Rev-o-noc Flint and Garnet Paper is made of pure rope manila paper, that is very strong and will not crack by folding. The glue is made with great care and is a perfect bond between sand and paper. The sand is graded with exactness and is uniform in grade. Rev-o-noc sand paper will prove satisfactory wherever use

"REV-O-NOC" EMERY PAPER.

Sheets 9×11 in.

Nos	3/0	00	0	½
Grade emery	180	150	120	90
W't per ream	14	19	24	34 lbs.
Per ream	$10.25	10.25	10.25	10.25

Nos	1	1½	2	2½
Grade emery	80	70	60	54
W't per ream	40	44	46	60 lbs.
Per ream	$12.00	12.75	13.50	15.50

Nos	3	3½
Grade emery	46	36
W't per ream	63	68 lbs.
Per ream	$18.25	21.25

Assorted, w't per ream 41 lbs.. per ream $11.50

HALF REAM IN A PACKAGE.

"REV-ONOC" EMERY CLOTH.

Sheets 9×11 in.

Nos	FF	F	00	0
Grade emery	FF	F	150	120
W't per ream	29	30	31	34 lbs.
Per ream	$26.50	26.50	26.50	26.50

Nos	½	1	1½	2
Grade emery	90	80	70	60
W't per ream	41	45	49	53 lbs.
Per ream	$26.50	28.50	29.75	30.75

Nos	2½	3
Grade emery	54	46
W't per ream	56	64 lbs.
Per ream	$33.00	35.25

Assorted, w't per ream 47 lbs... per ream $28.50

QUARTER REAM IN A PACKAGE.

"REV-O-NOC" CROCUS CLOTH.

Sheets 9×11 in.

W't per ream 24 lbs..... per ream $26.50

QUARTER REAM IN PACKAGE.

Rev-o-noc Emery Paper and Emery and Crocus Cloth are manufactured with extreme care, and are dependable and uniform. All of the materials are selected to maintain the high standard established for goods sold under this brand.

MARICOPA FLINT PAPER.

Sheets 8¾×10½ in.

Nos	00	0	½	1
W't per ream	16	17	19	21 lbs.
Per ream	$6.25	6.25	6.25	6.75

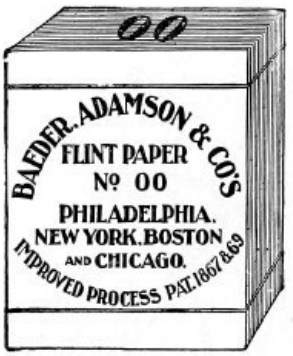
Nos	1½	2	2½	3
W't per ream	27	31	40	44 lbs.
Per ream	$7.25	7.75	8.25	9.50

Assorted, w't per ream 27 lbs.. per ream $7.25

HALF REAM IN A PACKAGE. WE DO NOT BREAK PACKAGES.

24 SHEETS IN A QUIRE; 20 QUIRES IN A REAM.

B. & A. FLINT PAPER.



Sheets 9×11 in.

Nos	00	0	½	1
W't per ream	16	18	20	24 lbs.
Per ream	$6.25	6.25	6.25	6.75

Nos	1½	2	2½	3
W't per ream	30	34	42	63 lbs.
Per ream	$7.25	7.75	8.25	9.50

Assorted, w't per ream 30 lbs... per ream $7.25

HALF REAM IN A PACKAGE.

B. & A. GARNET PAPER.

Sheets 9×11 in.

Nos	00	0	½	1
W't per ream	24	28	32	39 lbs.
Per ream	$6.50	6.50	6.50	7.00

Nos	1½	2	2½	3
W't per ream	52	66	69	86 lbs.
Per ream	$7.50	8.00	8.50	9.75

HALF REAM IN A PACKAGE.

B. & A. EMERY PAPER.

Sheets 9×11 in.

Nos	00	0	½	1
W't per ream	20	25	31	33 lbs.
Per ream	$10.25	10.25	10.25	12.00

Nos	1½	2	2½	3
W't per ream	36	41	48	50 lbs.
Per ream	$12.75	13.50	15.50	18.25

HALF REAM IN A PACKAGE.

B. & A. EMERY CLOTH.

Sheets 9×11 in.

Nos	00	0	½	1
W't per ream	28	33	40	42 lbs.
Per ream	$26.50	26.50	26.50	28.50

Nos	1½	2	2½	3
W't per ream	53	55	58	68 lbs.
Per ream	$29.75	30.75	33.00	35.25

QUARTER REAM IN A PACKAGE.

B. & A. CROCUS CLOTH.

Sheets 9×11 in.

W't per ream 27 lbs..... per ream $26.50

QUARTER REAM IN PACKAGE.

FLINT AND EMERY PAPER AND CLOTH.

"REV-O-NOC" FLINT PAPER.

In rolls, 50 yards long.

Nos.		000 to ½	1	1½	2	2½	3
2⅜ in.	per roll,	$1.10	1.15	1.20	1.25	1.30	1.45
3⅜ in.	"	1.30	1.40	1.45	1.50	1.60	1.75
4 in.	"	1.45	1.55	1.60	1.70	1.80	2.00
6 in.	"	2.05	2.15	2.30	2.50	2.65	2.90
8 in.	"	2.60	2.75	3.00	3.15	3.30	3.70
9 in.	"	3.15	3.25	3.40	3.50	3.65	4.00
10 in.	"	3.30	3.50	3.65	3.80	4.10	4.40
12 in.	"	3.75	4.05	4.30	4.55	4.85	5.40
15 in.	"	4.85	5.10	5.40	5.65	5.95	6.50
18 in.	"	5.95	6.20	6.50	6.80	7.05	7.60
20 in.	"	6.35	6.75	7.15	7.65	8.15	8.95
24 in.	"	6.75	7.25	7.75	8.50	9.25	10.25
30 in.	"	9.00	9.50	10.00	10.50	11.00	12.00
36 in.	"	11.00	11.50	12.00	12.50	13.25	14.25
40 in.	"	13.25	13.75	14.25	14.75	15.50	16.75
42 in.	"	14.25	14.75	15.25	15.75	16.50	18.00
48 in.	"	16.50	18.00	18.50	19.25	20.00	22.00

"REV-O-NOC" FLINT CLOTH.

In rolls, 50 yards long.

Nos.		000 to ½	1	1½	2	2½	3
2⅜ in.	per roll,	$2.55	2.75	2.85	2.95	3.15	3.35
3⅜ in.	"	3.35	3.65	3.80	3.90	4.20	4.45
4 in.	"	3.85	4.20	4.35	4.50	4.85	5.20
5 in.	"	5.20	5.60	5.80	6.05	6.50	6.90
6 in.	"	5.60	6.10	6.35	6.60	7.10	7.55
7 in.	"	6.60	7.20	7.50	7.80	8.35	8.90
8 in.	"	7.40	8.00	8.35	8.70	9.30	9.95
9 in.	"	8.40	9.10	9.50	9.90	10.60	11.35
10 in.	"	9.35	10.10	10.50	10.90	11.70	12.35
12 in.	"	11.20	12.20	12.70	13.20	14.20	15.10
14 in.	"	12.00	13.00	13.75	14.50	15.50	16.50
16 in.	"	14.80	16.00	16.70	17.40	18.60	19.90
18 in.	"	16.80	18.20	19.00	19.80	21.20	22.70
20 in.	"	18.70	20.20	21.00	21.80	23.40	24.70
24 in.	"	21.85	23.65	24.80	26.00	27.85	29.60
28 in.	"	24.00	26.00	27.50	29.00	31.00	33.00

"REV-O-NOC" EMERY PAPER.

In rolls, 24 in. wide, 50 yards long.

Nos.	000	00	0	½	1
Grade emery	180	150	120	90	80
Per roll	$11.00	11.00	11.00	11.00	12.75
Nos.	**1½**	**2**	**2½**	**3**	**3½**
Grade emery	70	60	54	46	36
Per roll	$13.25	13.75	15.75	19.25	22.00

"REV-O-NOC" GARNET PAPER.

In rolls, 50 yards long.

Nos.		000 to ½	1	1½	2	2½	3
2⅜ in.	per roll,	$1.15	1.20	1.25	1.30	1.35	1.40
3⅜ in.	"	1.30	1.35	1.40	1.45	1.50	1.70
4 in.	"	1.50	1.55	1.60	1.70	1.80	1.95
6 in.	"	2.10	2.15	2.25	2.35	2.50	2.80
8 in.	"	2.75	2.85	2.95	3.15	3.30	3.70
9 in.	"	3.20	3.35	3.45	3.60	3.75	4.00
10 in.	"	3.50	3.65	3.80	4.00	4.20	4.55
12 in.	"	4.05	4.20	4.30	4.60	4.90	5.40
15 in.	"	5.20	5.45	5.75	6.05	6.25	6.80
18 in.	"	6.20	6.50	6.75	7.00	7.30	7.80
20 in.	"	7.30	7.60	7.90	8.10	8.40	8.90
24 in.	"	7.50	7.75	8.00	8.50	9.25	10.25
30 in.	"	9.75	10.25	10.75	11.25	12.00	13.00
36 in.	"	12.00	12.50	13.00	13.50	14.00	15.25
40 in.	"	14.00	14.50	15.25	15.75	16.25	17.25
42 in.	"	16.25	16.75	17.25	17.75	18.25	20.00
48 in.	"	20.00	21.00	21.50	22.00	23.75	27.00

"REV-O-NOC" GARNET CLOTH.

In rolls, 50 yards long.

Nos.		000 to ½	1	1½	2	2½	3
2⅜ in.	per roll,	$2.90	3.10	3.20	3.25	3.35	3.45
3⅜ in.	"	3.80	4.00	4.10	4.25	4.40	4.55
4 in.	"	4.20	4.55	4.70	4.90	5.00	5.15
5 in.	"	5.80	6.25	6.50	6.70	6.90	7.15
6 in.	"	6.45	7.25	7.70	7.95	8.30	8.55
7 in.	"	7.25	7.80	8.05	8.30	8.60	8.85
8 in.	"	8.40	9.00	9.35	9.60	9.95	10.25
9 in.	"	9.35	10.00	10.35	10.75	11.00	11.50
10 in.	"	11.60	12.50	13.00	13.40	13.80	14.30
12 in.	"	12.75	13.65	14.20	14.55	15.10	15.50
14 in.	"	14.00	15.00	15.50	16.00	16.50	17.00
16 in.	"	16.80	18.00	18.70	19.20	19.90	20.50
18 in.	"	18.20	19.55	20.20	20.90	21.50	22.15
20 in.	"	20.00	21.00	21.50	22.00	22.50	23.00
24 in.	"	25.20	27.00	28.05	28.80	29.85	30.75
28 in.	"	28.00	30.00	31.00	32.00	33.00	34.00

"REV-O-NOC" EMERY CLOTH.

In rolls, 50 yards long.

	9 IN.	18 IN.	27 IN.
Crocus	$ 9.25	18.50	27.75
No. FF	9.25	18.50	27.75
No. F	9.25	18.50	27.75
No. 00	9.25	18.50	27.75
No. 0	9.25	18.50	27.75
No. 100	9.25	18.50	27.75
No. ½	9.25	18.50	27.75
No. 1	10.50	21.00	31.50
No. 1½	11.00	22.00	33.00
No. 2	11.50	23.00	34.50
No. 2½	12.00	24.00	36.00
No. 3	13.25	26.50	39.75
No. 3½	14.25	28.50	42.75

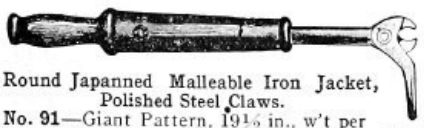
TABLE OF WEIGHTS OF FLINT PAPER IN ROLLS.

Width		2⅜ in.	3⅜ in.	4 in.	6 in.	8 in.	9 in.	10 in.	12 in.	15 in.	18 in.	20 in.	24 in.	30 in.	36 in.	40 in.	42 in.	48 in.
No. 000	w't per roll,	2	3	3	5	7	8	9	11	13	17	18	21	26	33	36	38	
No. 00	" "	2	3	4	6	8	9	10	12	15	18	20	24	30	36	40	42	48
No. 0	" "	2	3	5	7	10	10	12	14	17	20	23	28	34	40	45	48	56
No. ½	" "	3	4	5	8	10	11	13	16	19	22	26	31	38	45	52	55	62
No. 1	" "	3	5	6	9	12	13	15	18	23	27	30	36	45	54	60	63	72
No. 1½	" "	4	6	7	11	14	16	19	21	29	33	38	43	58	65	75	77	86
No. 2	" "	5	7	8	12	17	18	21	25	31	37	42	50	62	74	84	88	96
No. 2½	" "	6	9	10	15	20	23	25	30	37	45	52	60	75	90	103	112	120
No. 3	" "	7	11	12	18	24	27	30	36	45	54	60	72	90	108	120	130	144

Garnet paper weighs considerably more than flint, running from 26 to 120 lbs. on 24 in., as compared with 23 to 78 lbs. for the sizes 3-0 to 3. Garnet and flint cloth weigh approximately the same as paper. Emery paper and cloth weigh about the same as flint paper and cloth.

NAIL PULLERS, BOX SCRAPERS, BUNG BORERS, ETC.

NAIL PULLERS.

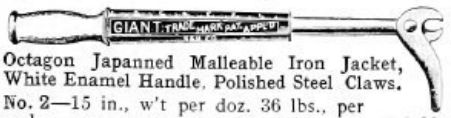


Round Japanned Malleable Iron Jacket, Polished Steel Claws.

No. 91—Giant Pattern, 19½ in., w't per doz. 60 lbs.....per dozen $16.00

The size given is the length closed.

THREE DOZEN IN A BOX.



Octagon Japanned Malleable Iron Jacket, White Enamel Handle, Polished Steel Claws.

No. 2—15 in., w't per doz. 36 lbs., per dozen..... $19.00

No. 1½—17 in., w't per doz. 42 lbs., per dozen..... 21.00

No. 1—18 in., w't per doz. 60 lbs., per dozen..... 22.00

The size given is the length closed.

THREE DOZEN IN A BOX.

BOX CHISELS.

Round, Cast Steel Faced, Japanned.

No. 1—Inches....	10	12	14
W't per doz.....	16	18	24 lbs.
Per dozen.....	$3.90	4.20	5.10

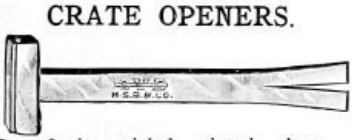
HALF DOZEN IN A PACKAGE.

Flat, Solid Cast Steel, Polished, Flat Head.

No. 2—Inches,....	10	12	14
W't per doz.....	7	11¾	17 lbs.
Per dozen.....	$5.00	6.50	7.50

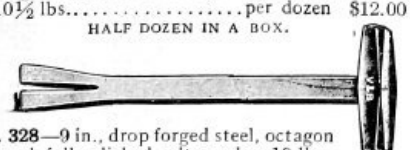
HALF DOZEN IN A PACKAGE.

CRATE OPENERS.



EVB — 9 in. nickel plated, drop forged tool steel handle, w't per doz. 10½ lbs.....per dozen $12.00

HALF DOZEN IN A BOX.



No. 328—9 in., drop forged steel, octagon head, full polished, w't per doz. 10 lbs., per dozen..... $10.00

ONE DOZEN IN A BOX.

BARREL HEADERS.

No. 10—1 in. iron screw, with attached swivel follower, steel side clamps, w't per doz. 172 lbs.....per dozen $30.00

The screw press has the follower attached to the screw and is taken up with the screw after the barrel is headed.

THREE IN A BUNDLE.

BOX SCRAPERS.

No. 60—Triangular, solid steel, wood handle, 2½ in. cutter, length 11 in., w't per doz. 7½ lbs.....per dozen $4.00

HALF DOZEN IN A BOX.

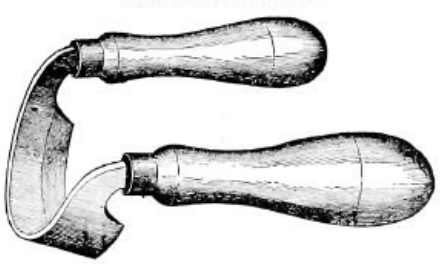
No. 50—Solid steel, wood handle, 2½ in. cutter, length 11½ in., w't per doz. 8 lbs.....per dozen $8.00

HALF DOZEN IN A BOX.

No. 70—Malleable iron, adjustable steel blade, 2 in. cutter, wood handle, length 12 in., w't per doz. 12 lbs.....per dozen $7.50

Extra blades, for No. 70..... " 2.00

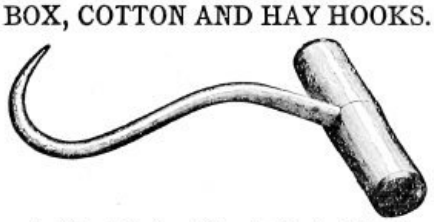
HALF DOZEN IN A BOX.



No. 180—Double handle, solid steel blade, 5½ in. cutter, w't per doz. 9 lbs., per dozen..... $6.50

HALF DOZEN IN A BOX.

BOX, COTTON AND HAY HOOKS.



Cast Steel, Flattened Shank, Ebonized Handle.

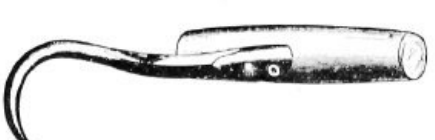
No. 1— 6×⅜ in., w't per doz. 6 lbs., per dozen..... $2.10

No. 3— 8×⅜ in., w't per doz. 7½ lbs., per dozen..... 2.70

No. 5— 10×⅜ in., w't per doz. 9 lbs., per dozen..... 3.00

No. 7— 12×½ in., w't per doz. 14 lbs., per dozen..... 4.00

NO. 7, HALF DOZEN ; BALANCE, ONE DOZEN IN A BOX.



No. 4—HUMASON & BECKLEY'S, 6x⅜ in., extra quality, cast steel, diamond pattern, maple handle, w't per doz. 6½ lbs.....per dozen $5.00

ONE DOZEN IN A BOX.

NAIL CLAWS.

No. 5—Wrought steel, japanned, 5 prongs, length 12 in., w't per doz. 15 lbs., per dozen..... $7.00

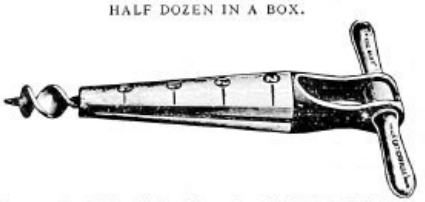
HALF DOZEN IN A BOX.

BUNG BORERS.

Cast Steel, Polished Blade, Half Round, Hickory Handle.

No. 12—Inches....	1½	1¾	2
W't per doz.....	12	14	16 lbs.
Per dozen.....	$7.50	8.50	10.00

HALF DOZEN IN A BOX.



Enterprise Mfg. Co's, Cast Steel, Polished Blade with Auger Point, Hickory Handle.

No. 1—Bores from ⅝ to 1½ in., w't per doz. 12 lbs.....per dozen $18.00

No. 2—Bores from 1⅛ to 2 in., w't per doz. 26 lbs.....per dozen 24.00

HALF DOZEN IN A BOX.

CARPENTERS' APRONS.

No. 1. Nos. 2 and 3.

No. 1—Short pattern, good quality heavy white duck, web neck and waist bands, two nail pockets and one combination rule and nail pocket, double stitched, well made and finished 21 in. long, 30 in. wide, w't per doz. 3¾ lbs., per dozen..... $4.50

No. 3—Long pattern to reach below knees, fine quality heavy tan duck, divided so as not to interfere with walking, two nail or tool pockets, one combination rule and pencil pocket, adjustable web neck band, web waist and leg bands riveted at all points of strain, well sewed and finished, 36 in. long, 30 in. wide, w't per doz. 5¼ lbs., per dozen..... 6.00

No. 2—Long pattern to reach below knees, fine quality *white* duck, otherwise the same as No. 3, w't per doz. 7⅛ lbs., per dozen..... 8.50

We can furnish No. 1 aprons stenciled with customer's advertisement.

CEMENT TOOLS.

TUCK POINTERS.

Polished Steel, Wood Handles.

Nos	1	2	3
Size	¼×5	⅜×5	½×5 in.
W't per doz.	9	12	15 lbs.
Per dozen	$10.80	12.00	13.20

These tools are of steel; grooves accurately milled, extending across the ends, a feature essential to a good cement tool.

SIDEWALK JOINTERS.

Bronzed, with Tool Steel Adjustable Blade, Convex Face.

No. 125—Size 2½×3 in., w't per doz. 7½ lbs. ..... per dozen $21.00

GROOVERS.

No. 10—Sidewalk, 5½×2¾ in., steel, nickel plated and polished, w't per doz. 15 lbs. ..... per dozen $ 9.60

No. 13—Carriageway, 5½×2¾ in., steel, nickel plated and polished, curved at both ends, w't per doz. 12 lbs. ..... per dozen 12.00

No. 130—Carriageway, 5½×2¾ in., bronze, curved ends, w't per doz. 12 lbs. ..... per dozen 21.00

No. 110—Sidewalk, 5½×2¾ in., bronze, w't per doz. 15 lbs. ..... per dozen 18.00

No. 17—Driveway, 6½×3¼ in., steel, nickel plated and polished, curved ends, w't per doz. 24 lbs. ... per dozen 15.00

No. 170—Driveway, 6½×3¼ in., bronze, curved ends, w't per doz. 24 lbs., per dozen 24.00

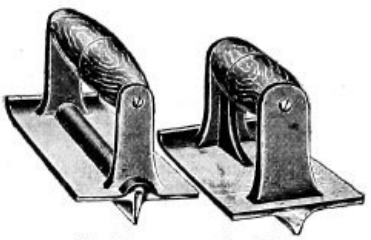
The end curves are sufficiently short to carry groove into rounded edge and still be drawn both ways in the process of making the groove.

No. 12—Sidewalk, 5½×2¾ in., steel, nickel plated and polished, w't per doz. 12 lbs. ..... per dozen $ 9.60

No. 120—Sidewalk, 5½×2¾ in., bronze, w't per doz. 12 lbs. ..... per dozen 18.00

These groovers are square at one end; desirable where groove is to be carried into sharp corners.

GROOVERS.



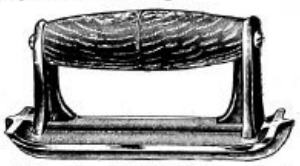
No. 16. No. 14.

No. 16—Sidewalk, 5½×2¾ in., steel, nickel plated and polished, w't per doz. 15 lbs. ..... per dozen $15.00

This groover is square at one end and has inserted steel cutting center.

No. 14—Carriageway, 5¼×2¾ in., steel, nickel plated, polished, curved at one end, w't per doz. 12 lbs. ..... per dozen $12.00

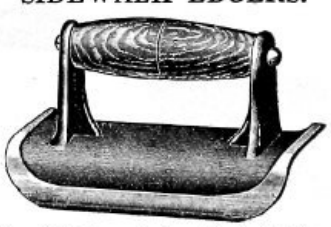
This groover makes wide, rounded grooves that offer a perfect hold for horse shoes and still do not clip or become rough.



No. 15—Sidewalk, 5½×2¾ in., steel, nickel plated and polished, w't per doz. 15 lbs. ..... per dozen $15.00

Most perfect groover offered to the trade; cutting edge composed of steel, accurately cast into the face of tool; carefully shaped and curved at both ends.

SIDEWALK EDGERS.



No. 01—6×3 in., steel, nickel plated and polished, curve of ⅜ in. radius, w't per doz. 12 lbs. ..... per dozen $ 9.60

No. 02—6×3 in., nickel plated and polished, curve of ¾ in. radius, w't per doz. 15 lbs. ..... per dozen 10.80

No. 010—6×3 in., bronze, curve of ⅜ in. radius, w't per doz. 12 lbs. . per dozen 18.00

No. 020—6×3 in., bronze, curve of ¾ in. radius, w't per doz. 15 lbs. . per dozen 21.00

These edgers are carefully ground to produce a perfectly rounded corner, carrying curve to extreme edge.

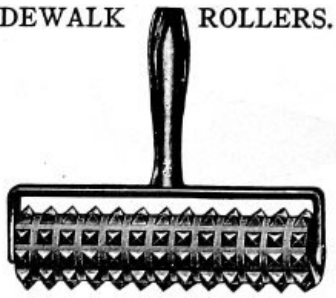
BEADING TOOLS.

Nos	11	12
Size	⅜ & ½	5/16 & ⅜ in.
W't per doz.	4½	3 lbs.
Per dozen	$12.00	11.50
Nos	13	14
Size	¼ & 5/16	3/16 & ¼ in.
W't per doz.	2⅝	2¼ lbs.
Per dozen	$11.00	10.50

Made from cold drawn steel, milled true to gauge. Each tool makes two sizes of beads.

ONE DOZEN IN A BOX.

SIDEWALK ROLLERS.

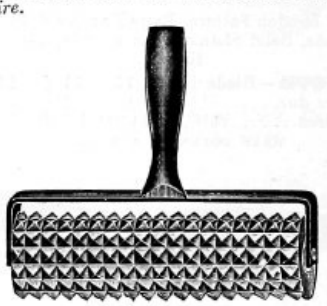


No. 6—Cast bronze roller, japanned iron handle, steel bearings, accurately machined and highly polished, diameter 3½ in., length 6 in., w't per doz. 96 lbs. ..... per dozen $144.00

No. 7—Length 9 in., w't per doz. 120 lbs., otherwise same as No. 6, per dozen. 160.00

No. 27 *Iron roller, japanned iron handles,* diameter 3½ in., length 9 in., w't per doz. 110 lbs. ..... per dozen 72.00

All of our Sidewalk Rollers have a hollow handle so that an extension handle may be inserted if desire.



No. 107—9 in., solid imprint cast bronze roller, diameter 3½ in., japanned iron handle, w't per doz. 132 lbs., per dozen.. ..... $168.00

CEMENT TAMPERS.

No. 30—6×6 in., cast iron, one piece, 3 ft. 7 in. hardwood handle attached, w't per doz. 96 lbs. ..... per dozen $ 9.00

No. 40—8×8 in., w't per doz. 168 lbs., otherwise same as No. 30 . . . per dozen 12.00

No. 4—8×8 in., steel plate, malleable iron flange, 3 ft. 7 in. oiled hardwood handle, w't per doz. 168 lbs. per dozen 15.00

No. 5—10×10 in., steel plate, w't per doz. 216 lbs., otherwise same as No. 4, per dozen. 18.00

BRICK SETS.

No. 55—4 in., hand forged brick sets, w't per doz. 16 lbs. ..... per dozen $10.80

No. 65—4½ in., otherwise same as No. 55. ..... per dozen 12.00

ONE DOZEN IN A BOX.

TROWELS.

BRICK.

GVB Extra Broad Special Trowel, High Grade Cast Steel Blade, Blued Shank, Polished Steel Ferrule, Leather Wrapped Maple Handle.

No. 30 GVB—Blade	10	10½	11	11½ in.
W't per doz.	14½	15	15¾	16½ lbs.
Per dozen	$15.25	15.75	16.25	17.00

The 11-in. size is about 6 in. across, others in proportion.

HALF DOZEN IN A BOX.

GVB London Pattern, Extra Cast Steel, Polished Blade, Solid Shank, Steel Ferrule, Cherry Handle.

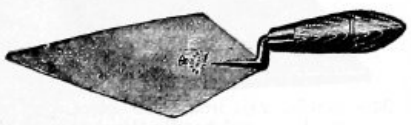
No. 31 GVB—Blade	10	11	11½	12 in.
W't per doz.	11½	12	12½	13 lbs.
Per dozen	$10.00	11.00	11.50	12.00

HALF DOZEN IN A BOX.

ROSE'S, Philadelphia Pattern, Extra Cast Steel Polished Blade, Solid Shank, Long Steel Ferrule, Maple Handle.

Blade	10	10½	11 in.
W't per doz.	12	13	13½ lbs.
Per dozen	$13.25	13.75	14.25
Blade	**11½**	**12**	**13 in.**
W't per doz.	14	15	16½ lbs.
Per dozen	$14.75	15.25	16.25

HALF DOZEN IN A BOX.



BRADES', London Pattern, Extra Cast Steel Polished Blade, Solid Steel Shank, Steel Ferrule, Ash Handle.

Blade	10	11	11½	12 in.
W't per doz.	8½	9½	10½	11 lbs.
Per dozen	$11.00	12.00	12.50	13.00

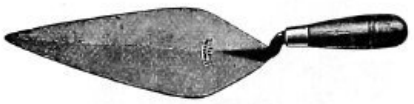
HALF DOZEN IN A PACKAGE.

DISSTON'S, London Pattern, Extra Cast Steel Polished Blade, Solid Shank, Steel Ferrule, Maple Handle.

Blade	10	11	11½	12	13 in.
W't p'r d'z.	11	12	12½	13½	14 lbs.
Per dozen	$10.00	11.00	11.50	12.00	13.50

HALF DOZEN IN A BOX.

BRICK.



AMERICAN, London Pattern, Cast Steel Polished Blade, Solid Shank, Steel Ferrule, Maple Handle.

Blade	9	10	11 in.
W't per doz.	8	10	10½ lbs.
Per dozen	$6.75	7.25	7.75
Blade	**11½**	**12**	**13 in.**
W't per doz.	11½	12	14 lbs.
Per dozen	$8.00	8.25	8.75

HALF DOZEN IN A BOX.

FARMERS', 10 in. polished cast steel blade, riveted shank, maple handle, w't per doz. 8 lbs. ..... per dozen $3.00

ONE DOZEN IN A BOX.

POINTING.

GVB High Grade Cast Steel Blade, Blued Shank, Nickel Plated Ferrule, Cherry Stained Handle.

No. 42 GVB—Blade	4¼	5	5½	6 in.
W't per doz.	2½	2⅝	3¼	3¾ lbs.
Per dozen	$3.75	4.00	4.25	4.50

HALF DOZEN IN A BOX.

AMERICAN, Cast Steel, Polished, Solid Shank, Steel Ferrule, Beech Handle.

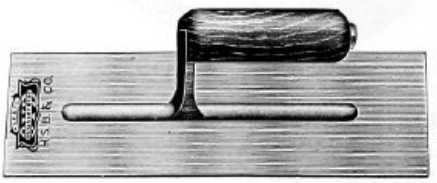
Blade	4	4½	5	6 in.
W't per doz.	2¼	2½	2¾	3 lbs.
Per dozen	$2.95	3.00	3.10	3.40

HALF DOZEN IN A BOX.

No. 21—5½ in. polished blade, malleable shank, hardwood handle, brass ferrule, w't per doz. 3½ lbs. ..... per dozen $1.50

ONE DOZEN IN A BOX.

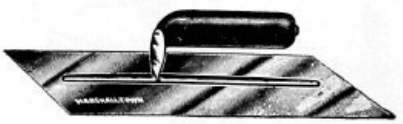
PLASTERING.



GVB Cincinnati Pattern, Stained Handle, Polished Mounting.

GVB—Length	10½	11	11½	12 in.
Width	4¾	4¾	4¾	4¾ in.
W't per doz.	13	13	13½	14¼ lbs.
Per dozen	$13.25	13.75	14.50	15.00

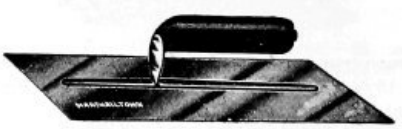
HALF DOZEN IN A BOX.



MARSHALLTOWN FINISHING, 24 Gauge Outside, 22 Gauge Center, Cast Steel Blade, Bolted Shank.

No. 4—Sizes	4½×11½	4¾×11	4¾×11½ in.
W't per doz.	13	13½	14 lbs.
Per dozen	$30.00	30.00	30.00
No. 4—Sizes	**4¾×12**	**5×11½**	**5×12 in.**
W't per doz.	14½	14½	15 lbs.
Per dozen	$30.00	30.00	30.00

ONE-THIRD DOZEN IN A BOX.

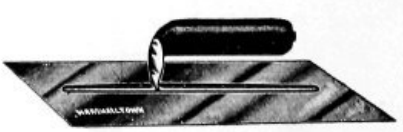


MARSHALLTOWN BROWNING, 22 Gauge, Cast Steel Blade, Bolted Shank.

No. 5—Sizes	4¾×11	4¾×11½	4¾×12 in.
W't per doz.	14	14¼	14½ lbs.
Per dozen	$30.00	30.00	30.00
No. 5—Sizes		**5×11½**	**5×12 in.**
W't per doz.		15	15½ lbs.
Per dozen		$30.00	30.00

Similar to the finishing trowel, excepting that the mounting extends to within ¼ inch of the end of the blade and rivets.

ONE-THIRD DOZEN IN A BOX.



MARSHALLTOWN, Cast Steel Blade, 24 Gauge Outside, 22 Gauge Center, With Aluminum Mounting Running Close to End of Blade, Bolted Shank, for Finishing Purposes, not Warranted.

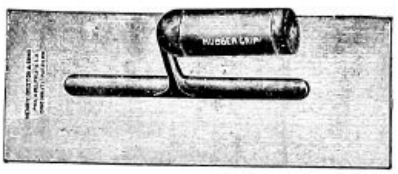
No. 14—4¾×11½ in., w't per doz. 14 lbs. ..... per dozen $36.00

No. 14—4¾×12 in., w't per doz. 14½ lbs. per dozen 36.00

ONE-THIRD DOZEN IN A BOX.

TROWELS, HAWKS, DARBIES, ETC.

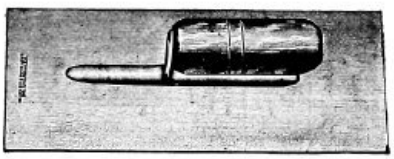
PLASTERING TROWELS.



DISSTON'S, "Sure Grip," Cast Steel Polished Blade, High Mounted, Drive Shank, Basswood Handle with Rubber Grip.

No. 3—Inches.	10½	11	11½	12
Width	4½	4⅝	4¾	5 in.
W't per doz.	14	14½	15¾	16½ lbs.
Per dozen	$14.50	15.00	15.50	16.00

HALF DOZEN IN A BOX.



DISSTON'S, Extra Cast Steel, Polished Blade, Improved Screw Shank, with Shoulder, Maple Handle.

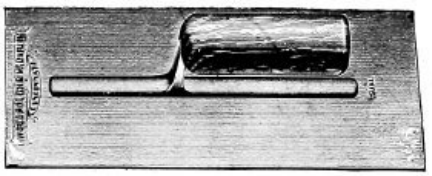
No. 1—Inches.	10	11	11½	12
Width	4⅝	4⅝	4¾	5 in.
W't per doz.	12	12½	14½	15 lbs.
Per dozen	$13.75	15.25	16.75	18.50

HALF DOZEN IN A BOX.

DISSTON'S, Extra Cast Steel Blade, Drive Shank.

No. 2—Inches.	10	11	11½	12
Width	4½	4⅝	4¾	4⅞ in.
W't per doz.	11½	12	13	14 lbs.
Per dozen	$12.25	13.50	14.50	15.75

HALF DOZEN IN A BOX.

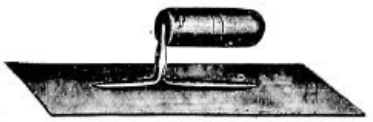


WOODROUGH & McPARLIN'S Cincinnati, Cast Steel, Polished, High Mounted, Drive Shank, Maple Handle.

Length	10½	11	11½	12 in.
Width	4½	4¾	4¾	5 in.
W't per doz.	12½	13	13½	14 lbs.
Per dozen	$12.50	13.00	13.50	14.00

ONE-THIRD DOZEN IN A BOX.

PLASTERING TROWELS.



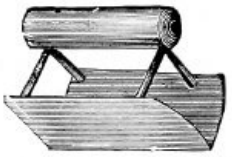
AMERICAN, Cast Steel, Polished, Drive Shank, Maple Handle.

Length	10	11	11½	12 in.
Width	4½	4½	4½	4½ in.
W't per doz.	11	12	13	14 lbs.
Per dozen	$6.50	7.50	8.00	9.00

HALF DOZEN IN A BOX.

No. 07—FARMERS', 11×4½ in., polished steel, riveted shank, maple handle, w't per doz. 13 lbs. ..... per dozen $5.50

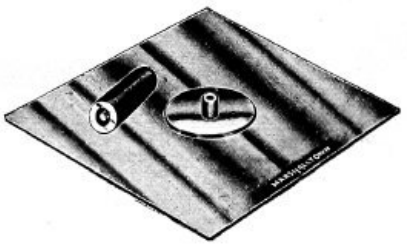
CORNER TROWELS.



6 in.—AMERICAN, cast steel, polished, riveted, maple handle, w't per doz. 8¾ lbs. ..... per dozen $7.50

HALF DOZEN IN A BOX.

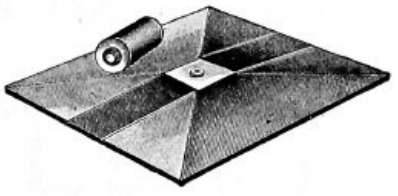
HAWKS.



Hard Rolled Aluminum.

Nos.	1	2	3
Sizes	13×13	13½×13½	14×14 in.
W't per doz.	20	22	24 lbs.
Per dozen	$33.00	34.00	35.00

ONE-QUARTER DOZEN IN A BOX.



No. 11—MARSHALLTOWN, first quality pine, 13½×13½ in., w't per doz. 25 lbs. ..... per dozen $15.00

These hawks are made of the best quality clear white pine, dipped in linseed oil, cross-piece is dove-tailed to prevent warping.

The nut is inserted between the cross-piece and upper running board which makes it possible to have a detachable handle.

ONE-QUARTER DOZEN IN A BOX.

DARBIES.

No. 2 — MARSHALLTOWN, aluminum, 3½×44 in., with one handle, 18 in. rib, w't per doz. 30 lbs. ..... per dozen $36.00

PLASTERERS' FLOATING CORKS.

Made From One Thickness of Cork, Carefully Smoothed on Both Sides.

No. 5—12×5×1¼ in., w't per doz. 6 lbs., per dozen $10.20

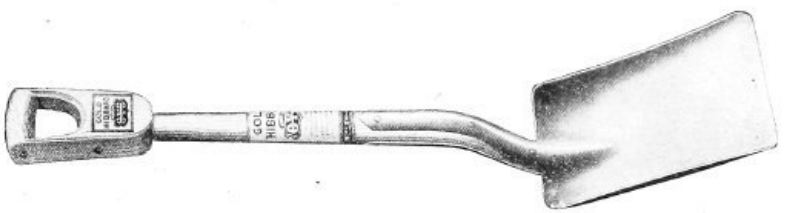
No. 6—12×6×1¼ in., w't per doz. 7 lbs., per dozen 12.00

TOOL BAGS.

Inches	18	20	22	24
W't per doz.	31	36	42	44 lbs.
Per dozen	$33.00	36.00	40.00	44.00

For masons or plasterers, made of 18 oz. duck, sewed with heavy carpet twine (on lock switch machine), steel frame with lock and key, leather handles, billets and buckle pieces copper riveted to frame, large inside pocket.

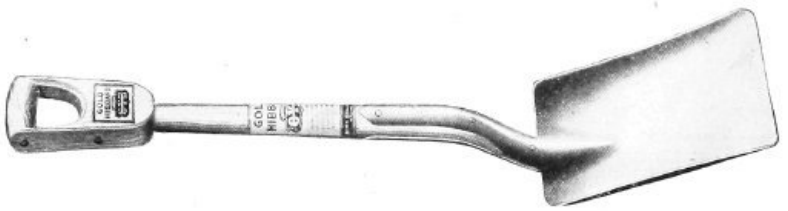
AGRICULTURAL AND CONSTRUCTION TOOLS



HIBBARD, SPENCER, BARTLETT & CO.

CHICAGO

GOLD HIBBARD "O. V. B." SHOVELS AND SPADES.



Gold Hibbard "O. V. B." Shovels and Spades are made of the finest steel put into a shovel. The thickness of the blade is graduated so as to secure the greatest efficiency. They are well balanced and perfect in detail. The handles are thoroughly seasoned, well finished, and securely riveted. Gold Hibbard "O. V. B." Shovels and Spades are largely used by railroads and contractors and give the best of satisfaction. We unhesitatingly recommend them to all those who desire the most efficient tools.

GOLD HIBBARD "OUR VERY BEST" SHOVELS.

Crucible Steel, D Handle, Square Point, Socket Strap.

No. 11½—(Size 2) Gold Hibbard "O. V. B.," 9½×11¾ in., *black*, w't per doz. 70 lbs. ..... per dozen $14.50

No. 12 —(Size 2) Gold Hibbard "O. V. B.," 9½×11¾ in., polished, w't per doz. 62 lbs. ..... per dozen 15.00

No. 11¾—(Size 2) Gold Hibbard "O. V. B.," crucible steel, D handle, square point, socket strap, 9½×11¾ in., *black*, with tamping head, w't per doz. 75 lbs. ... per dozen $16.50

No. 29—(Size 2) Gold Hibbard "O. V. B.," crucible steel, D handle, round point, socket strap, polished, 9¼×12¾ in., w't per doz. 60 lbs., per dozen $15.00

No. 42—(Size 2) Gold Hibbard "O. V. B.," crucible steel, long handle, square point, socket strap, polished, 9½×11¾ in., w't per doz. 64 lbs. ..... per dozen $15.00

HALF DOZEN IN A BUNDLE.

GOLD HIBBARD "OUR VERY BEST" SHOVELS.

No. 51—(Size 2) Gold Hibbard "O. V. B.," crucible steel, long handle, round point, socket strap, polished, 9¼×12¾ in., w't per doz. 60 lbs. ..... per dozen $15.00

No. 19—(Size 2) Gold Hibbard "O. V. B.," solid crucible steel, D handle, *brick or sewer* shovels, socket strap, long corners, black, 11¾×9½ in., w't per doz. 65 lbs. ..... per dozen $14.50

HALF DOZEN IN A BUNDLE.

No. 38—(Size 2) Gold Hibbard "O. V. B.," *moulders'*, solid crucible steel, D handle, square spring point, socket strap, polished, 11¾×9½ in., w't per doz. 60 lbs. ..... per dozen $15.00

HALF DOZEN IN A BUNDLE.

GOLD HIBBARD "OUR VERY BEST" SPADES.

No. 78—(Size 2) Gold Hibbard "O. V. B.," solid crucible steel, D handle, socket strap, plain back, polished, 12½×6½ in., w't per doz. 60 lbs. ..... per dozen $16.00

HALF DOZEN IN A BUNDLE.

GOLD HIBBARD "OUR VERY BEST" SPADES.

No. 112—(Size 2) Gold Hibbard "O. V. B.," solid crucible steel, D handle, socket strap, polished, 12×7⅛×7½ in., w't per doz. 64 lbs., per dozen $15.00

No. 142—(Size 2) Gold Hibbard "O. V. B.," solid crucible steel, long handle, socket strap, polished, 12×7⅛×7½ in., w't per doz. 65 lbs., per dozen $15.00

No. 107—(Size 2) Gold Hibbard "O. V. P.," *hedge*, solid crucible steel, D handle, plain back, polished, 12¼×7½×7½ in., w't per doz. 60 lbs. ..... per dozen $15.00

No. 77.

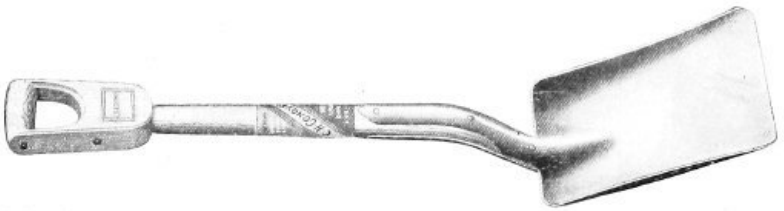
Vaterland, Solid Crucible Steel, Plain Back, Polished, Socket Strap.

No. 77 —(Size 2) Gold Hibbard "O. V. B.," 12×7×7¼ in., *T handle*, w't per doz. 64 lbs. ..... per dozen $16.00

No. 77½—(Size 2) Gold Hibbard "O. V. B.," 12×7×7¼ in., *D handle*, w't per doz. 70 lbs. ..... per dozen 16.00

HALF DOZEN IN A BUNDLE.

SHOVELS AND SPADES.



C. H. Conover's Shovels and Spades are familiar to every locality. They have acquired a reputation for quality by long years of service. As good "as a Conover" has become the greatest praise for imitations. They are well made, carefully finished and the handles are extra quality. Every C. H. Conover Shovel and Spade is ready for the severest test of actual service.

C. H. CONOVER'S SHOVELS.

Solid Steel, D Handle, Square Point, Socket Strap.

No. 13 —(Size 2) C. H. Conover's, polished, 9½×11¾ in., w't per doz. 60 lbs.....per dozen $12.50

No. 13¾—(Size 2) C. H. Conover's, *black*, railroad, 9½×11¾ in., w't per doz. 68 lbs.....per dozen 12.00

No. 13½—(Size 2) C. H. Conover's, *black*, 9½×11¾ in., with *tamping head*, w't per doz. 75 lbs....per dozen 14.00

No. 3 —(Size 3) C. H. Conover's, *black*, 9¾×12¼ in., w't per doz. 65 lbs.....per dozen 12.50

No. 3½—(Size 3) C. H. Conover's, polished, 9¾×12¼ in., w't per doz. 66 lbs.....per dozen 13.00

No. 4 —(Size 4) C. H. Conover's, polished, 10½×12½ in., w't per doz. 68 lbs.....per dozen 13.50

Solid Steel, D Handle, Round Point, Socket Strap.

No. 30 —(Size 2) C. H. Conover's, polished, 9¼×12¾ in., w't per doz. 60 lbs.....per dozen $12.50

No. 32 —(Size 2) C. H. Conover's, *black*, 9¼×12¾ in., w't per doz. 64 lbs.....per dozen 12.00

No. 33½—(Size 3) C. H. Conover's, *black*, 9½×13¾ in., w't per doz. 65 lbs.....per dozen 12.50

No. 43—(Size 2) C. H. Conover's, solid steel, long handle, square point, socket strap, polished, 9¼×11¾ in., w't per doz. 62 lbs.....per dozen $12.50

No. 57—(Size 2) C. H. Conover's, solid steel, long handle, round point, socket strap, polished, *riveted cast step*, 9¼×12¾ in., w't per doz. 62 lbs., per dozen..... $14.50

HALF DOZEN IN A BUNDLE.

C. H. CONOVER'S SHOVELS.

No. 52—(Size 2) C. H. Conover's, solid steel, long handle, round point, socket strap, polished, 9¼×12¾ in., w't per doz. 58 lbs.....per dozen $12.50

C. H. CONOVER'S SPADES.

No. 113—(Size 2) C. H. Conover's, solid steel, D handle, socket strap, polished, 7½×12 in., w't per doz. 60 lbs., per dozen..... $12.50

No. 143—(Size 2) C. H. Conover's, solid steel, long handle, socket strap, polished, 7½×12 in., w't per doz. 64 lbs., per dozen..... $12.50

HALF DOZEN IN A BUNDLE.

HICKORY SHOVELS.

Solid Steel, D Handle, Square Point, Socket Strap.

No. 17 —(Size 2) Hickory, polished, 9½×11¾ in., w't per doz. 58 lbs., per dozen..... $11.00

No. 17½—(Size 2) Hickory, *railroad*, black, 9½×11¾ in., w't per doz. 64 lbs.....per dozen 10.50

No. 17¾—(Size 2) Hickory, *brick*, polished, 9½×11¾ in., long corners, w't per doz. 60 lbs.....per dozen 10.50

No. 27—(Size 2) Hickory, solid steel, D handle, round point, socket strap, polished, 9¼×12¾ in., w't per doz. 56 lbs.....per dozen $11.00

HALF DOZEN IN A BUNDLE.

HICKORY SHOVELS.

No. 47—(Size 2) Hickory, solid steel, long handle, square point, socket strap, polished, 9½×11¾ in., w't per doz. 58 lbs.....per dozen $11.00

No. 58—(Size 2) Hickory, solid steel, long handle, round point, socket strap, polished, 9¼×12¾ in., w't per doz. 57 lbs.....per dozen $11.00

No. 48—(Size 2) Hickory, *moulder's*, solid steel, D handle, square spring point, socket strap, polished, 11¾×9½ in., w't per doz. 55 lbs...per dozen $11.00

HALF DOZEN IN A BUNDLE.

HICKORY SPADES.

No. 116—(Size 2) Hickory, solid steel, D handle, socket strap, polished, 7½×12 in., w't per doz. 58 lbs., per dozen..... $11.00

No. 146—(Size 2) Hickory, solid steel, long handle, socket strap, polished, 7½×12 in., w't per doz. 62 lbs., per dozen..... $11.00

HALF DOZEN IN A BUNDLE.

SHOVELS AND SPADES.

GREENLEAF SHOVELS.

Solid Steel, D Handle, Square Point, Plain Back, Polished.

No. 14—(Size 2) Greenleaf, $9\frac{1}{2}\times11\frac{3}{4}$ in., w't per doz. 55 lbs.....per dozen $ 9.50
No. 214—(Size 3) Greenleaf, $10\times12\frac{1}{2}$ in., w't per doz. 60 lbs.....per dozen 10.00
No. 314—(Size 4) Greenleaf, $10\frac{1}{2}\times13$ in., w't per doz. 62 lbs.....per dozen 10.50

Solid Steel, D Handle, Round Point, Plain Back, Polished.

No. 31—(Size 2) Greenleaf, $9\frac{1}{4}\times12\frac{3}{4}$ in., w't per doz. 55 lbs.....per dozen $ 9.50
No. 231—(Size 3) Greenleaf, $10\times13\frac{3}{4}$ in., w't per doz. 58 lbs.....per dozen 10.00
No. 331—(Size 4) Greenleaf, $10\frac{1}{2}\times13\frac{3}{4}$ in., w't per doz. 60 lbs.....per dozen 10.50

No. 44—(Size 2) Greenleaf, solid steel, long handle, square point, plain back, polished, $9\frac{1}{4}\times11\frac{3}{4}$ in., w't per doz. 57 lbs.....per dozen $9.50

No. 44½—(Size 2) Greenleaf, *lime*, solid steel, plain back, socket strap, $8\frac{3}{4}\times12$ in., round corners, polished, w't per doz. 60 lbs.....per dozen $9.50

Solid Steel, Long Handle, Round Point, Plain Back, Polished.

No. 53—(Size 2) Greenleaf, $9\frac{1}{4}\times12\frac{3}{4}$ in., w't per doz. 55 lbs.....per dozen $ 9.50
No. 333—(Size 4) Greenleaf, $10\frac{1}{2}\times13$ in., w't per doz. 62 lbs.....per dozen 10.50

No. 53½—(Size 2) Greenleaf, solid steel, long handle, round point, polished, $9\frac{1}{4}\times12\frac{3}{4}$ in., *riveted cast step*, w't per doz. 60 lbs.....per dozen $12.00

HALF DOZEN IN A BUNDLE.

GREENLEAF SPADES.

No. 114—(Size 2) Greenleaf, solid steel, D handle, plain back, polished, $7\frac{1}{2}\times12$ in., w't per doz. 58 lbs.....per dozen $9.50

No. 144—(Size 2) Greenleaf, solid steel, long handle, plain back, polished, $7\frac{1}{2}\times12$ in., w't per doz. 60 lbs., per dozen $9.50

HALF DOZEN IN A BUNDLE.

AMES' SHOVELS.

D Handle, Square Point, Plain Back.

No. 15—(Size 2) Ames', steel edge, black, $9\frac{1}{2}\times11\frac{3}{4}$ in., w't per doz. 64 lbs.....per dozen $12.00
No. 16—(Size 2) Ames', steel edge, polished, $9\frac{1}{2}\times11\frac{3}{4}$ in., w't per doz. 64 lbs.....per dozen 12.75
No. 10—(Size 2) Ames', patent, solid steel, black, $9\frac{1}{2}\times11\frac{3}{4}$ in., w't per doz. 64 lbs.....per dozen 12.00
No. 11—(Size 2) Ames', patent, solid steel, polished, $9\frac{1}{2}\times11\frac{3}{4}$ in., w't per doz. 64 lbs.....per dozen 12.75

No. 26—(Size 2) Ames', D handle, round point, patent, solid steel, plain back, polished, $9\frac{1}{4}\times11\frac{3}{4}$ in., w't per doz. 62 lbs.....per dozen $13.25

No. 41—(Size 2) Ames', long handle, square point, patent, solid steel, plain back, polished, $9\frac{1}{2}\times11\frac{3}{4}$ in., w't per doz. 69 lbs.....per dozen $12.75

No. 50—(Size 2) Ames', long handle, round point, patent, solid steel, plain back, polished, $9\frac{1}{4}\times12\frac{3}{4}$ in., w't per doz. 65 lbs .....per dozen $12.75

HALF DOZEN IN A BUNDLE.

AMES' SHOVELS.

Cast Steel, Long Handle, Back Strap, Polished

No. 59—(Size 2) Ames', *mining*, stiff spring, $9\frac{3}{4}\times12$ in., w't per doz. 68 lbs.....per dozen $11.25
No. 60—(Size 2) Ames', *mining*, full spring, $9\frac{3}{4}\times12$ in., w't per doz. 68 lbs.....per dozen 11.25

No. 343—(Size 2) Ames', *moulders'*, patent, solid steel, polished, $9\frac{3}{4}\times11\frac{3}{4}$ in., w't per doz. 58 lbs., per dozen..... $12.75

No. 18—(Size 2) Ames', *brick* or *sewer*, D handle, steel edge, long corners, black, $9\frac{1}{2}\times10\frac{3}{4}$ in., w't per doz. 64 lbs.....per dozen $12.00

HALF DOZEN IN A BUNDLE.

AMES' SPADES.

No. 111—(Size 2) Ames', D handle, patent, solid steel, plain back, polished, $11\frac{1}{2}\times7\frac{1}{2}$ in., w't per doz. 64 lbs.....per dozen $12.75

No. 141—(Size 2) Ames', long handle, patent, solid steel, plain back, polished, $11\frac{1}{2}\times7\frac{1}{2}$ in., w't per doz. 68 lbs.....per dozen $12.75

No. 87—(Size 2) Ames', *nursery*, steel edge, D handle, plain back, polished, $12\frac{1}{2}\times7\frac{1}{2}$ in., *double strapped full length*, w't per doz. 120 lbs., per dozen..... $16.75

HALF DOZEN IN A BUNDLE.

SHOVELS AND SPADES.

The lightest shovel ever made of this pattern. After years of experimenting our factory has succeeded in making Emperor Shovels and Spades of *high carbon* steel, enabling them to considerably reduce the weight without loss in strength. These goods are finely finished and very attractive in appearance.

CHISHOLM PATTERN SHOVELS.

Solid Steel, D Handle, Square Point.

No. 80—(Size 2) Ajax, *special railroad*, black, 10×12 in., w't per doz. 70 lbs., per dozen $12.00

No. 281—(Size 2) Columbus, polished, 9½×11¾ in., w't per doz. 55 lbs., per dozen 9.00

No. 381—(Size 3) Columbus, polished, 9¾×12 in., w't per doz. 58 lbs., per dozen 9.50

No. 481—(Size 4) Columbus, polished, 10½×13 in., w't per doz. 60 lbs., per dozen 10.00

Solid Steel, D Handle, Round Point.

No. 670—(Size 2) Ajax, black, 9¼×12¾ in., w't per doz. 70 lbs. ..... per dozen $12.00

No. 282—(Size 2) Columbus, polished, 9¼×12¾ in., w't per doz. 54 lbs., per dozen 9.00

No. 382—(Size 3) Columbus, polished, 9⅜×13 in., w't per doz. 58 lbs., per dozen 9.50

Solid Steel, Long Handle, Square Point, Polished.

No. 284—(Size 2) Columbus, 9½×11¾ in., w't per doz. 60 lbs. ..... per dozen $ 9.00

No. 484—(Size 4) Columbus, 10½×13 in., w't per doz. 62 lbs. ..... per dozen 10.00

No. 283—(Size 2) Columbus, solid steel, long handle, round point, polished, 9¼×12¾ in., w't per doz. 55 lbs., per dozen $9.00

HALF DOZEN IN A BUNDLE.

CHISHOLM PATTERN SPADES.

No. 285—(Size 2) Columbus, solid steel, D handle, polished, 7½×7½×12 in., w't per doz. 55 lbs. ..... per dozen $9.00

No. 286—(Size 2) Columbus, solid steel, long handle, polished, 7½×7½×12 in., w't per doz. 60 lbs. ..... per dozen $9.00

HALF DOZEN IN A BUNDLE.

EMPEROR SHOVELS.

No. 291—(Size 2) Emperor, all steel, D handle, square point, solid socket, polished, 11¾×9½ in., w't per doz. 64 lbs. ..... per dozen $18.00

No. 292—(Size 2) Emperor, all steel, D handle, round point, solid socket, polished, 11¾×9½ in., w't per doz. 64 lbs. ..... per dozen $18.00

No. 294—(Size 2) Emperor, all steel, long handle, square point, solid socket, polished, 11¾×9½ in., w't per doz. 68 lbs. ..... per dozen $18.00

No. 293—(Size 2) Emperor, all steel, long handle, round point, solid socket, polished, 11¾×9½ in., w't per doz. 64 lbs. ..... per dozen $18.00

No. 293½—(Size 2) Emperor, *irrigating*, all steel, long handle, round point, solid socket, polished, 11¾×9 in., w't per doz. 64 lbs. ..... per dozen 18.00

HALF DOZEN IN A BUNDLE.

EMPEROR SPADES.

No. 295—(Size 2) Emperor, all steel, D handle, solid socket, polished, 12×7¾×7 in., w't per doz. 66 lbs., per dozen $18.00

No. 296—(Size 2) Emperor, all steel, long handle, solid socket, polished, 12×7⅜×7 in., w't per doz. 68 lbs., per dozen $18.00

HALF DOZEN IN A BUNDLE.

PINKNEY'S MINING SHOVELS.

Cast Steel, Long Handle, Round Point, Back Strap, Polished.

No. 68 —(Size 2) Pinkney's, *full spring*, 9¼×12¾ in., w't per doz. 60 lbs., per dozen $11.00

No. 69 —(Size 2) Pinkney's, *half spring*, 9¼×12¾ in., w't per doz. 60 lbs., per dozen 11.00

No. 69½—(Size 2) Pinkney's, *half spring, front and back strap*, light, 9¼×12¾ in., w't per doz. 58 lbs., per dozen 10.00

No. 70 —(Size 2) Pinkney's, *stiff spring*, 9¼×12¾ in., w't per doz. 60 lbs., per dozen 10.00

HALF DOZEN IN A BUNDLE.

BECKWITH'S SHOVELS.

No. 052—(Size 2) Beckwith's, solid steel, long handle, round point, socket strap, polished, 9½×12¾ in., w't per doz. 52 lbs. ..... per dozen $12.50

HALF DOZEN IN A BUNDLE.

SPADE STEPS.

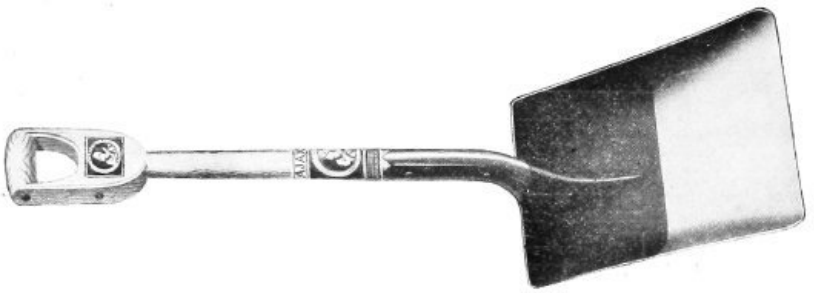
Malleable Iron.

No. 1—W't per doz. 8 lbs. ..... per dozen $1.80

Malleable Iron.

No. 2—For Boss tiling spades, w't per doz. 5 lbs. ..... per dozen $2.00

SHOVELS AND SCOOPS.



CHISHOLM PATTERN COAL SHOVELS.

Ajax, D Handle, Solid Steel, Black.

Nos	171	172	173
Length of blade	14	14½	15 in.
Width at point	13½	14¼	14¾ in.
W't per doz.	75	80	82 lbs.
Per dozen	$9.00	9.50	10.00

Ajax, D Handle, Solid Steel, Half Polished.

Nos	181	182
Length of blade	14	14½ in.
Width at point	13½	14¼ in.
W't per doz.	75	80 lbs.
Per dozen	$9.50	10.00

Nos	183	185
Length of blade	15	17 in.
Width at point	14¾	15 in.
W't per doz.	82	86 lbs.
Per dozen	$10.50	11.50

No. L181—Ajax, *long handle*, otherwise same as No. 181, w't per doz. 80 lbs., per dozen $9.50

HALF DOZEN IN A BUNDLE.

PLAIN BACK COAL SHOVELS.

Gold's, D Handle, Solid Steel, Black.

Nos	4	5	6
Length of blade	12½	13	13½ in.
Width at point	10½	10⅞	11¼ in.
W't per doz.	62	64	68 lbs.
Per dozen	$10.00	10.50	11.00

Nos	7	8
Length of blade	14	14¾ in.
Width at point	11¾	12¼ in.
W't per doz.	70	76 lbs.
Per dozen	$11.50	12.00

Ames', D Handle, Solid Steel, Black.

Nos	3	4	5
Length of blade	12¼	13¼	13¾ in.
Width at point	10	11	11⅜ in.
W't per doz.	68	74	78 lbs.
Per dozen	$12.50	13.00	14.00

Nos	6	7	8
Length of blade	14¼	14¾	15¼ in.
Width at point	11¾	12⅜	13 in.
W't per doz.	80	88	90 lbs.
Per dozen	$15.00	15.75	16.75

CHISHOLM PATTERN COAL OR ORE SHOVELS.

Ajax, Solid Steel, D Handle, Black.

Nos	3	4
Length of blade	12¼	12½ in.
Width at point	9¾	10½ in.
W't per doz.	56	60 lbs.
Per dozen	$9.00	9.50

Nos	5	6
Length of blade	13	13½ in.
Width at point	10⅞	11¼ in.
W't per doz.	64	70 lbs.
Per dozen	$10.00	10.50

HALF DOZEN IN A BUNDLE.

AMES' GRAIN SCOOPS.

Cast Steel, Polished.

Nos	2	3	4
Length of blade	15	15½	16 in.
Width at point	11	11½	12 in.
W't per doz.	80	82	84 lbs.
Per dozen	$13.50	13.75	14.25

Nos	5	6	7P
Length of blade	16½	16¾	17 in.
Width at point	12	12½	13¾ in.
W't per doz.	88	90	92 lbs.
Per dozen	$14.50	15.00	15.50

Nos	7R	8
Length of blade	17	17½ in.
Width at point	13¾	14 in.
W't per doz.	94	98 lbs.
Per dozen	$16.50	16.00

Nos	9	10
Length of blade	18	18 in.
Width at point	14½	15 in.
W't per doz.	100	102 lbs.
Per dozen	$16.75	17.50

Nos. 7R, 8, 9 and 10 are reinforced.

HALF DOZEN IN A BUNDLE.

C. H. CONOVER'S GRAIN SCOOPS.

Eastern Pattern, Solid Steel, Polished, Socket Strap.

Nos	2	3	4
Length of blade	14¾	15½	16 in.
Width at point	11	11¼	11½ in.
W't per doz.	70	74	80 lbs.
Per dozen	$12.00	12.50	13.00

Nos	5	6	7
Length of blade	16½	17	17¾ in.
Width at point	12	13	13¼ in.
W't per doz.	88	90	96 lbs.
Per dozen	$13.50	14.00	14.50

Nos	8	9
Length of blade	18	18¼ in.
Width at point	13½	14¾ in.
W't per doz.	98	100 lbs.
Per dozen	$15.00	15.50

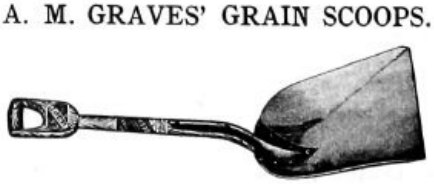
Nos	10	12
Length of blade	19½	20¼ in.
Width at point	15	15¾ in.
W't per doz.	104	108 lbs.
Per dozen	$16.00	17.00

No. 7R—*Reinforced*, otherwise same as No. 7, w't per doz. 100 lbs... per dozen $17.50

No. 8R—*Reinforced*, otherwise same as No. 8, w't per doz. 104 lbs... per dozen 18.50

HALF DOZEN IN A BUNDLE

A. M. GRAVES' GRAIN SCOOPS.



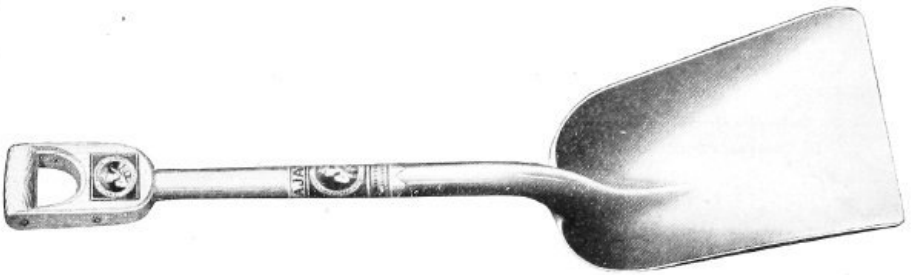
Pittsburgh Pattern, Solid Steel, Socket Strap, Polished, Deep Bowl.

Nos	1	2	3
Length of blade	15¾	16¾	17 in.
Width at point	13½	14	14½ in.
W't per doz.	84	90	94 lbs
Per dozen	$12.00	12.50	13.00

Nos	4	5
Length of blade	17¾	18 in.
Width at point	15	15½ in.
W't per doz.	100	103 lbs.
Per dozen	$13.50	14.00

HALF DOZEN IN A BUNDLE.

SCOOPS.



AJAX CHISHOLM PATTERN GRAIN SCOOPS.

Eastern Pattern, Solid Steel, Full Polished.

Nos	0102	0103	0104
Length of blade	15	15½	16 in.
Width at point	11	11¼	11½ in.
W't per doz.	68	70	74 lbs.
Per dozen	$14.20	15.00	16.00

Nos	0105	0106	0107
Length of blade	16½	17	17 in.
Width at point	12	12¾	13¼ in.
W't per doz.	78	80	82 lbs.
Per dozen	$17.00	17.75	18.75

Nos	0108	0109
Length of blade	17¼	17½ in.
Width at point	13½	14 in.
W't per doz.	84	86 lbs.
Per dozen	$19.75	20.75

Western Pattern, Solid Steel, Full Polished.

Nos	0154	0155	0156
Length of blade	15½	16	16½ in.
Width at point	12½	13½	13½ in.
W't per doz.	72	76	78 lbs.
Per dozen	$16.00	17.00	17.75

Nos	0157	0158	0159
Length of blade	17	17½	17¾ in.
Width at point	13⅞	14¼	14½ in.
W't per doz.	80	80	86 lbs.
Per dozen	$18.75	19.75	20.75

Nos	0160	0162
Length of blade	18¾	19¾ in.
Width at point	14½	15 in.
W't per doz.	92	98 lbs.
Per dozen	$22.75	24.00

HALF DOZEN IN A BUNDLE.

AJAX CHISHOLM PATTERN COAL SCOOPS.

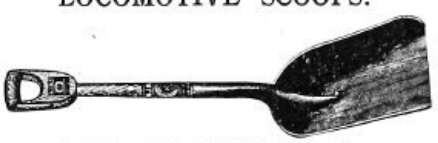
Eastern Pattern, Extra Heavy, Solid Steel, Black.

Nos	83	85
Length of blade	15½	16½ in.
Width at point	11¼	12 in.
W't per doz.	75	80 lbs.
Per dozen	$15.00	17.00

Nos	86	87
Length of blade	16¾	17 in.
Width at point	12	13 in.
W't per doz.	84	90 lbs.
Per dozen	$17.75	18.75

HALF DOZEN IN A BUNDLE.

AJAX CHISHOLM PATTERN LOCOMOTIVE SCOOPS.



Solid Steel, Black, 22 Inch Handle.

Nos	2	3	4	5
Length of blade	15½	15½	16	16½ in.
Width at point	10½	11	11½	12 in.
W't per doz.	70	75	80	84 lbs.
Per dozen	$14.00	15.00	16.00	17.00

HALF DOZEN IN A BUNDLE.

AJAX CHISHOLM PATTERN FURNACE SCOOPS.

No. 5—AJAX, D handle, solid steel, black, 9¼×14 in., w't per doz. 60 lbs., per dozen $9.00

No. 75—AJAX, long handle, solid steel, black, 9¼×14 in., w't per doz. 60 lbs., per dozen $9.00

HALF DOZEN IN A BUNDLE.

CLIMAX ASH SCOOPS.

Climax, long handle, solid steel, black, 10×14 in., w't per doz. 70 lbs., per dozen $10.00

HALF DOZEN IN A BUNDLE.

BARN SCOOPS.

No. 3—C. H. CONOVER'S, solid steel, long handle, socket strap, polished, 11½×15½ in., w't per doz. 85 lbs., per dozen $12.50

No. 03—AJAX, Chisholm pattern, solid steel, long handle, polished, 11×15½ in., w't per doz. 78 lbs. ..... per dozen $12.00

HALF DOZEN IN A BUNDLE.

REED'S TRIMMER OR BAG SCOOPS.

Cast Steel, D Handle, Polished.

No. 2—REED'S, 10¾×15 in., w't per doz. 48 lbs. ..... per dozen $10.50
No. 3—REED'S, 11×15½ in., w't per doz. 50 lbs. ..... per dozen 11.00

HALF DOZEN IN A BUNDLE.

HERCULES GRAIN SCOOPS.

Sheet Steel, Riveted, Two Handles.

No. 21—½ bu., length 26½ in., width 10 in., w't 6 lbs. ..... per dozen $21.00
No. 22—1 bu., length 31 in., width 12½ in., w't 12 lbs. ..... per dozen 25.00

HALF DOZEN IN A BUNDLE.

POST, DRAIN, DITCHING AND TILING SPADES.

GOLD HIBBARD "O. V. B." POST SPADES.

Solid Steel, Socket Strap, Polished.

No. 100—Blade	16	18	20	22 in.
W't per doz.	58	60	62	64 lbs.
Per dozen	$16.00	16.50	17.00	17.50

HALF DOZEN IN A BUNDLE.

GOLD HIBBARD "O. V. B." DITCHING SPADES.

Solid Steel, Socket Strap, Polished.

No. 94—Blade	14	16	18 in.
W't per doz.	55	58	60 lbs.
Per dozen	$15.50	16.00	16.50

No. 94—Blade	20	22 in.
W't per doz.	62	65 lbs.
Per dozen	$17.00	17.50

HALF DOZEN IN A BUNDLE.

GOLD HIBBARD "O. V. B." DRAIN SPADES.

Solid Steel, Socket Strap, Polished.

No. 91—Blade	16	18 in.
W't per doz.	54	56 lbs.
Per dozen	$16.00	16.50

No. 91—Blade	20	22 in.
W't per doz.	60	62 lbs.
Per dozen	$17.00	17.50

HALF DOZEN IN A BUNDLE.

CRUSO POST SPADES.

Solid Steel, Socket Strap, Polished.

Blade	14	16	18 in.
W't per doz.	48	52	57 lbs.
Per dozen	$11.00	11.50	12.00

HALF DOZEN IN A BUNDLE.

CRUSO DITCHING SPADES.

Solid Steel, Socket Strap, Polished.

Blade	14	16	18 in.
W't per doz.	53	57	61 lbs.
Per dozen	$12.00	12.50	13.00

HALF DOZEN IN A BUNDLE.

C. H. CONOVER'S POST SPADES.

Solid Steel, Socket Strap, Polished.

No. 101—Blade	14	16	18 in.
W't per doz.	50	54	58 lbs.
Per dozen	$13.50	14.00	14.50

No. 101—Blade	20	22 in.
W't per doz.	60	64 lbs.
Per dozen	$15.00	15.50

HALF DOZEN IN A BUNDLE.

AMES' POST SPADES.

Solid Steel, Plain Back, Polished.

No. 102—Blade	14	16	18	20 in.
W't per doz.	56	60	65	68 lbs.
Per dozen	$13.75	14.50	15.25	15.75

HALF DOZEN IN A BUNDLE.

C. H. CONOVER'S DITCHING SPADES.

Solid Steel, Socket Strap, Polished.

No. 104—Blade	14	16	18 in.
W't per doz.	54	58	60 lbs.
Per dozen	$13.50	14.00	14.50

No. 104—Blade	20	22 in.
W't per doz.	62	65 lbs.
Per dozen	$15.00	15.50

HALF DOZEN IN A BUNDLE.

C. H. CONOVER'S DRAIN SPADES.

Solid Steel, Socket Strap, Polished.

No. 92—Blade	16	18 in.
W't per doz.	50	55 lbs.
Per dozen	$14.00	14.50

No. 92—Blade	20	22 in.
W't per doz.	60	62 lbs.
Per dozen	$15.00	15.50

HALF DOZEN IN A BUNDLE.

BOSS TILING SPADES.

Solid Steel, Round Point.

No. 1—Boss, 4½×18 in., w't per doz. 60 lbs. ..... per dozen $36.00
No. 2—Boss, 4½×20 in., w't per doz. 62 lbs. ..... per dozen 36.00

Solid Steel, Square Point.

No. 3—Boss, 6½×18 in., w't per doz. 62 lbs. ..... per dozen $39.00
No. 4—Boss, 6½×20 in., w't per doz. 68 lbs. ..... per dozen 39.00
No. 5—Boss, 6½×22 in., w't per doz. 70 lbs. ..... per dozen 39.00

HALF DOZEN IN A BUNDLE.

OSMUNDSON TILING SPADES.

Special Tool Steel, ONE PIECE, without Weld or Joint, Round Point.

No. 418—Osmundson, 4×18 in., w't per doz. 56 lbs. ..... per dozen $36.00
No. 420—Osmundson, 4×20 in., w't per doz. 60 lbs. ..... per dozen 36.00
No. 422—Osmundson, 4×22 in., w't per doz. 64 lbs. ..... per dozen 36.00

Special Tool Steel, ONE PIECE, without Weld or Joint, Square Point.

No. 618—Osmundson, 6×18 in., w't per doz. 60 lbs. ..... per dozen $39.00
No. 620—Osmundson, 6×20 in., w't per doz. 65 lbs. ..... per dozen 39.00
No. 622—Osmundson, 6×22 in., w't per doz. 70 lbs. ..... per dozen 39.00

HALF DOZEN IN A BUNDLE.

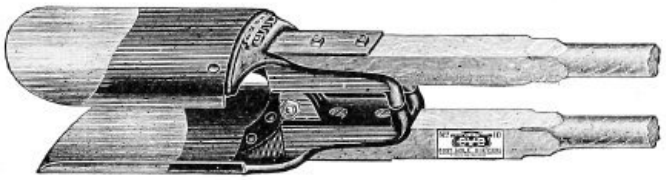
DRAIN CLEANERS.

Cast Steel, Polished, Adjustable, 6½ Foot Handle

No. 4—4×16 in., w't per doz. 65 lbs., per dozen $14.50
No. 5—5×16 in., w't per doz. 67 lbs., per dozen 15.00
No. 6—6×16 in., w't per doz. 73 lbs., per dozen 15.50
No. 7—7×16 in., w't per doz. 75 lbs., per dozen 16.00
No. 8—8×16 in., w't per doz. 78 lbs., per dozen 16.50

POST HOLE DIGGERS, AUGERS, AND AUGER PARTS.

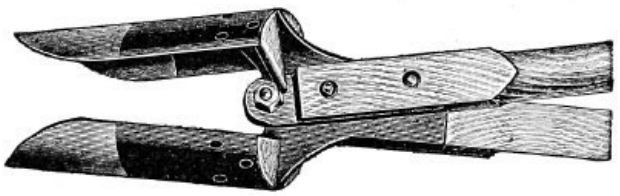
POST HOLE DIGGERS.



OUR VERY BEST.

No. 18 V&B—Extra quality forged steel blades, half polished, 6-in. spread, japanned malleable double-hinged frame castings, select straight grained ash handles, with steel reinforcing plate where bolted, w't per doz. 140 lbs.....per dozen $24.00

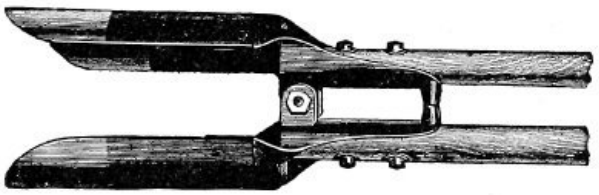
ONE-THIRD DOZEN IN A BUNDLE.



No. 12 —EUREKA, forged steel blades, half round wood handles, w't per doz. 108 lbs.....per dozen $13.50

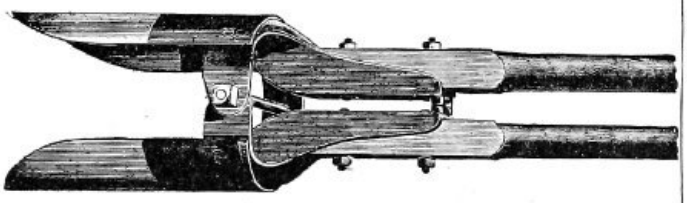
No. 12H—EUREKA Digger Handles, w't per doz. 39 lbs..per single dozen 3.20

ONE-QUARTER DOZEN IN A BUNDLE.



No. 13—MARICOPA, forged steel blades, wood handles, w't per doz. 112 lbs.....per dozen $16.50

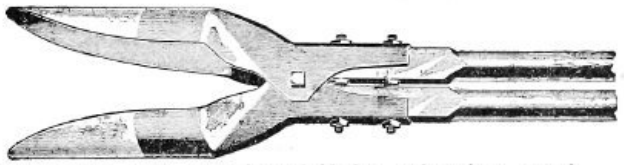
ONE-THIRD DOZEN IN A BUNDLE.



No. 14 —TITAN, forged steel blades, wood handles, w't per doz. 142 lbs.....per dozen $21.00

No. 14H—Digger Handles, for Nos. 14, 17 and 18 diggers, w't per doz. 39 lbs.....per single dozen 3.20

ONE-QUARTER DOZEN IN A BUNDLE.



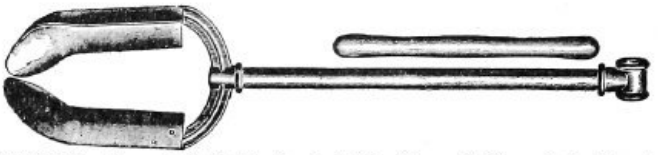
No. 17—ACME, solid pressed steel blades and sockets, wood handles, w't per doz. 108 lbs.....per dozen $18.00

ONE-QUARTER DOZEN IN A BUNDLE.

No. 11—EAGLE, forged steel blade, wrought iron handle, w't per doz. 132 lbs.....per dozen $12.00

ONE-THIRD DOZEN IN A BUNDLE.

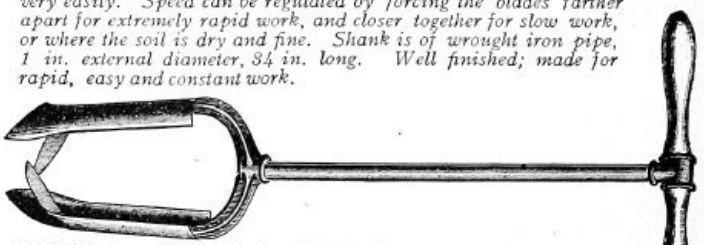
POST HOLE AUGERS.



DIGWELL, Forged Steel Blades, 1 Inch Wrought Iron Tube Shank Malleable Iron Castings, Wood Handle.

Nos.	56	57	58	59	
Size	6	7	8	9	in.
W't per doz	100	108	115	120	lbs.
Per dozen	$28.00	28.00	30.00	32.00	

Will dig in wet clay, loam, gravelly soil, or any kind of ground. Goes down perfectly straight to the center, with no side motion. Frees very easily. Speed can be regulated by forcing the blades farther apart for extremely rapid work, and closer together for slow work, or where the soil is dry and fine. Shank is of wrought iron pipe, 1 in. external diameter, 34 in. long. Well finished; made for rapid, easy and constant work.

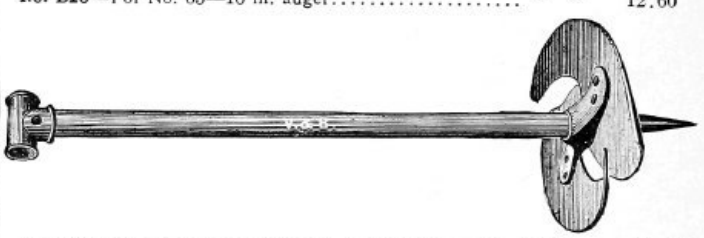


IWAN'S, Forged Steel Blades, 1 Inch Wrought Iron Tube Shank, Malleable Iron Castings, Wood Handle.

Nos.	61	62	63	64	65	
Size	6	7	8	9	10	in.
W't per doz	105	105	120	125	132	lbs.
Per dozen	$28.00	30.00	30.00	32.00	36.00	

EXTRA BLADES For Iwan's Post Hole Augers.

No. B 6—For No. 61— 6 in. auger.....per dozen $ 7.20
No. B 7—For No. 62— 7 in. auger..... " " 9.00
No. B 8—For No. 63— 8 in. auger..... " " 9.00
No. B 9—For No. 64— 9 in. auger..... " " 10.80
No. B10—For No. 65—10 in. auger..... " " 12.60



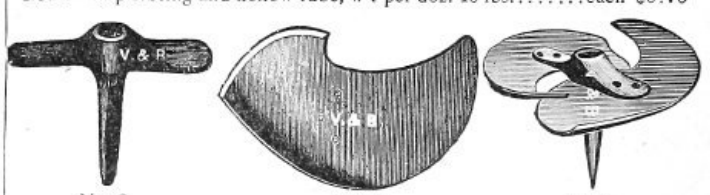
VAUGHAN'S, Iron Tube, Malleable Iron Top, Two Steel Blades, without Wood Handle.

Nos.	24	26	27	28	29	
Size	4	6	7	8	9	in.
W't per doz	50	57	58	62	64	lbs.
Per dozen	$12.50	12.50	12.50	12.50	12.50	

HALF DOZEN IN A BUNDLE.

VAUGHAN'S AUGER PARTS.

No. 1—Top casting and hollow tube, w't per doz. 40 lbs.....each $0.70

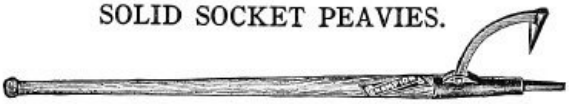


No. 2. No. 3. No. 4.

No. 2—Auger points, w't per doz. 9 lbs.....each $0.30
No. 3—Blades, 4, 6, 7, 8 or 9 in., average w't per doz. 7 lbs... " .30
No. 4—Auger bottom, 4, 6, 7, 8 or 9 in., average w't per doz. 10 to 26 lbs.....each .80

CHAMPION LUMBERING TOOLS.

SOLID SOCKET PEAVIES.



Select Rock Maple Handle, Duck Bill Hook.

Length	4½	5	5½ ft.
W't per doz.	112	120	132 lbs.
No. 25—2½ in. per dozen	$30.10	30.95	31.80
W't per doz.			160 lbs.
No. 26—2¾ in. per dozen			$41.64

Select Hickory Handle, Duck Bill Hook.

No. 28—2½ in.		5	5½ ft.
W't per doz.		120	134 lbs.
Per dozen		$30.00	30.75

Solid sockets, made from best malleable iron, 2½, 2¾ and 3 in. in diameter. They have all the strong points and are of latest improved patterns. Standard size peavies have hand hammered duck bill hooks made from ⅞x⅞ in. crucible steel and picks of ⅞ in. steel. Bolts are steel 1⅝x⅞ in. In the 2¾ and 3 in. peavies the hooks, picks, etc., are proportionately heavier.

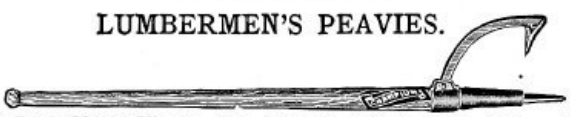
HALF DOZEN IN A CRATE.

Select Rock Maple Handle, Very Light Beveled Malleable Iron Jaw Socket, Solid Top with Nib on End, Hand Forged Steel Duck Bill Hook.

Length	4½	5	5½ ft.
W't per doz.	112	115	lbs.
No. 21—2½ in. per dozen	$27.75	28.55	
W't per doz.	112	127	138 lbs.
No. 13*—2½ in. per dozen	$30.10	30.95	31.80

HALF DOZEN IN A CRATE.

LUMBERMEN'S PEAVIES.



Select Rock Maple Handle, One Piece Steel Socket, Hand Forged Steel Duck Bill Hook.

No. 1—2½ in.	4½	5 ft.
W't per doz.	112	115 lbs.
Per dozen	$35.10	35.93

HALF DOZEN IN A CRATE.

RAFTING PEAVIES.★

Select Rock Maple, Hand Forged Steel Duck Bill Hook.

Length	4½	5	5½	6 ft.
No. 313—2½ in. per dozen	$40.00	40.83	41.67	42.60
No. 314—2¾ in. "	51.00	51.93	52.86	53.19
No. 315—3 in. "		64.03	65.06	66.09

APPROXIMATE WEIGHT 125 TO 165 LBS.

Select Hickory Handle, Hand Forged Steel Duck Bill Hook.

Length	4½	5	5½	6 ft.
No. 318—2½ in. per dozen	$45.88	46.76		48.32
No. 319—2¾ in. "	54.40	55.33	56.26	
No. 320—3 in. "		64.52	65.50	66.47

APPROXIMATE WEIGHT 130 TO 170 LBS.

The socket and pick are made of steel firmly welded into one piece. Clasp is made separate from socket and a new clasp may be substituted when worn.

HALF DOZEN IN A CRATE.

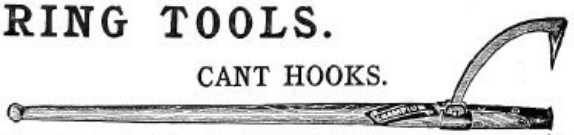
PIKE POLES.

Select Second-Growth Ash, Seamless Steel Ferrule, Hand Forged Crucible Steel Pike and Hook, Made from One Piece.

Nos.	134	135	136
Length	12	14	16 ft.
W't per doz.	85	100	110 lbs.
Per dozen	$23.75	28.50	35.00

HALF DOZEN IN A CRATE.

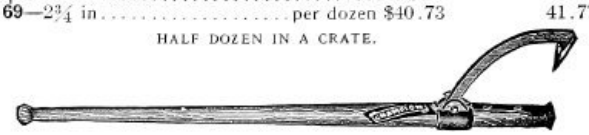
CANT HOOKS.



Select Rock Maple Handle, Hand Forged Wrought Steel Clasp, Malleable Iron Extension Toe Ring, Hand Forged Steel Duck Bill Hook.

Length	4½	5 ft.
W't per doz.	90	100 lbs.
No. 68—2½ in. per dozen	$29.83	30.71
W't per doz.	109	116 lbs.
No. 69—2¾ in. per dozen	$40.73	41.77

HALF DOZEN IN A CRATE.



Select Rock Maple Handle, Duck Bill Hook.

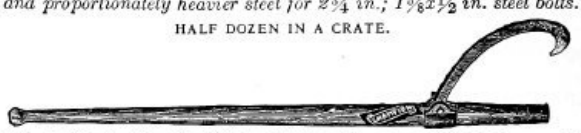
Length	4	4½	5 ft.
W't per doz.	87	92	117 lbs.
No. 83—2½ in. per dozen	$21.93	21.93	22.66
W't per doz.		110	120 lbs.
No. 84.—2¾ in. per dozen		32.40	33.33

Select Hickory Handle, Duck Bill Hook.

Length	4½	5 ft.
W't per doz.	102	106 lbs.
No. 87—2½ in.	$24.87	25.60
W't per doz.	112	115 lbs.
No. 88—2¾ in. per dozen	$36.11	37.03

Malleable iron clasps 2½ or 2¾ in. in diameter. Improved extension toe rings. Beveled on both sides to admit of use as a bar in "cutting" logs on skids, and is constructed so as to free itself readily. Standard size tools, 2½ in. in clasp, have hand hammered duck bill hooks of 1x1 7/16 in. crucible cast steel and proportionately heavier steel for 2¾ in.; 1⅝x½ in. steel bolts.

HALF DOZEN IN A CRATE.



Select Rock Maple Handle, Malleable Iron Clasp and Toe Rings, with Nib to Catch on Log, Crucible Steel Chisel Shaped Hook.

No. 107—2½ in.	4½	5 ft.
W't per doz.	90	92 lbs.
Per dozen	$20.93	21.66

HALF DOZEN IN A CRATE.

PEAVY AND CANT HOOK HANDLES.

Rock Maple, Wax Finished.

Length	4	4½	5	5½ ft.
W't per doz.	47	55	60	70 lbs.
No. 251—2½ in., per doz.	$3.10	3.40	3.80	4.20
W't per doz.		65	70	77 lbs.
No. 252—2¾ in., per doz.		$4.20	4.60	5.00

Select Hickory, Wax Finished.

Length	4	4½	5 ft.
W't per doz.	60	67	80 lbs.
No. 257—2½ in., per doz.	$4.70	5.00	5.45
W't per doz.		70	85 lbs.
No. 258—2¾ in., per doz.		$6.00	6.40

TWO DOZEN IN A CRATE.

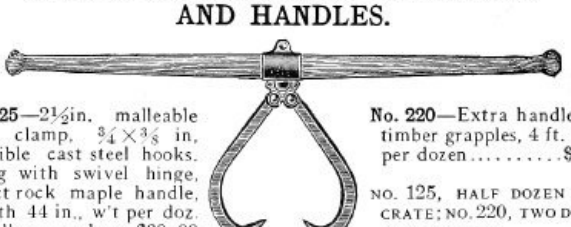
PIKE POLE HANDLES.

Select Second-Growth White Ash.

No. 217—Feet	12	14	16
Diameter	1⅝	1⅝	1⅝ in.
W't per doz.	70	85	95 lbs.
Per dozen	$11.25	13.75	17.50

HALF DOZEN IN A BUNDLE.

TIMBER GRAPPLES OR LUG HOOKS AND HANDLES.



No. 125—2½in. malleable iron clamp, ¾×⅜ in. crucible cast steel hooks, hung with swivel hinge, select rock maple handle, length 44 in., w't per doz. 100 lbs., per dozen $30.00

No. 220—Extra handles for timber grapples, 4 ft. long, per dozen $4.00

NO. 125, HALF DOZEN IN A CRATE; NO. 220, TWO DOZEN IN A BUNDLE.

We can furnish any of the above peavies or cant hooks (except No. 107 cant hook) with round bill hooks from factory when so ordered.

★*For Factory Shipment Only.*

CHAMPION LUMBERING TOOLS.

SWAMP HOOKS.

No. 156—1 in. hand hammered octagon steel, heavy round upset points, Swedes iron grab hook and ring, w't per doz. 65 lbs.....per dozen $30.00

LOADING HOOKS.

No. 158—¾ in. square steel, heavy round upset points, Swedes iron ring, w't per doz. 30 lbs.....per dozen $17.50

BARK SPUDS.

No. 139—Extra cast steel, best rock maple handle, length over all 12 in., w't per doz. 35 lbs.....per dozen $16.00

SKIDDING TONGS.

Octagon Steel, Heavy Upset Points.

Nos.	357	150	273	
Diameter	1	1⅛	1¼	in.
Opens	24	32	32	in.
W't per pair	16	23	27	lbs.
Per dozen pairs	$107.18	119.20	142.88	

These are made of the best hammered crucible steel, the swivels, hooks, and clevises of best Swedes iron. The steel is upset in these to give the maximum strength at points where the strain is greatest.

DUCK BILL HOOKS.

No. 172—Cant hook, for 2½ in. tools, size 1×7/16 in., w't per doz. 24 lbs., per dozen..... $12.50

No. 385 — Peavy or Cant hook, size 1⅛×½ in., w't per doz. 35 lbs., per dozen..... 17.50

No. 386 — Peavy or Cant hook, size 1¼×½ in., w't per doz. 42 lbs., per dozen..... 21.00

CANT HOOK CLASPS.

Nos. 180 and 181. Nos. 183 and 184.

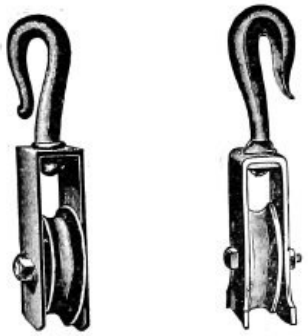
No. 180—2½ in., hand forged steel, w't per doz. 12 lbs.....per dozen $7.75

No. 181—2¾ in., hand forged steel, w't per doz. 13½ lbs.....per dozen 8.30

No. 183—2½ in., malleable iron, w't per doz. 12 lbs.....per dozen 5.00

No. 184—2¾ in., malleable iron, w't per doz. 13½ lbs.....per dozen 5.75

LOADING AND SNATCH BLOCKS.

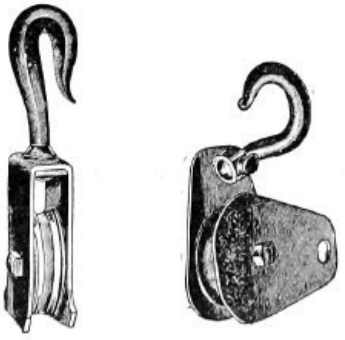


No. 163. No. 297.

No. 163—Wrought iron loading blocks, 5×1½ in., iron sheave with round swivel hook, w't per doz. 144 lbs. per dozen..... $25.00

No. 226—Fitted with iron chain sheave, otherwise same as No. 163, w't per doz. 156 lbs.....per dozen 25.00

No. 297—Wrought iron loading blocks, fitted with grab hook, 5×1½ in. plain sheaves, w't per doz. 142 lbs., per dozen..... 26.00



No. 298. No. 164.

No. 298—Wrought iron loading blocks, fitted with grab hook, 5×1½ in. chain sheaves, w't per doz. 150 lbs., per dozen..... $26.00

No. 164—Loading and snatch blocks, with self-locking clasp, special ⅝×2¾ in. bolt, 5×1½ in. iron sheave, Swedes iron round swivel hook, w't per doz. 144 lbs .....per dozen 40.00

TOE RINGS.

Nos. 186 and 187. No. 188.

No. 186—Forged steel, for 2½ and 2¾ in. tools, w't per doz. 4 lbs....per dozen $2.90

No. 187—Malleable iron, for 2½ and 2¾ in. tools, w't per doz. 4 lbs..per dozen 1.50

No. 188—Malleable iron extension, for 2½ in. tools, w't per doz. 6½ lbs.per dozen 2.50

EXTRA PARTS FOR PIKE POLES.

No. 205.

No. 207.

No. 205—Straight pike, with hook and threaded shank, w't per doz. 10 lbs., per dozen..... $10.00

No. 207—Polished seamless ferrules, w't per doz. 5 lbs.,.....per dozen sets 4.50

HOOKAROON PICKS.

No. 377—Steel point, to fit on axe handle, w't per doz. 15 lbs.....per dozen $8.00

SWIVEL HOOKS AND RINGS.

No. 379.

No. 378—1 in. steel grab hook, with ⅝ in. ring, w't per doz. 36 lbs....per dozen $9.50

No. 379—1 in. steel round hook, with ⅝ in. ring, w't per doz. 36 lbs., per dozen..... 9.50

HAY AND HEADER FORKS.

TWO TINE STRAIGHT HANDLE HAY FORKS.

Plain Ferrule.

Handle	4	4½	5	5½ ft.
W't per doz	27	31	35	39 lbs.
No. 10—"O. V. B." Diamond...per dozen	$9.15	9.15	9.50	9.95

ONE DOZEN IN A BUNDLE.

THREE TINE STRAIGHT HANDLE HAY FORKS.

Plain Ferrule.

Handle	4	4½	5	5½ ft.
Average w't per doz	29	33	37	41 lbs.
No. 12—"O.V.B." Diamond, per dozen	$11.95	11.95	12.35	12.85
No. 212—Batcheller "	11.95	11.95		
No. 012—Golden Eagle "	10.75	10.75	11.15	11.65
No. 20—"O. V. B." Diamond, boys'..per dozen	9.90			

ONE DOZEN IN A BUNDLE.

Strap Ferrule.

Handle	4	4½	5	ft.
Average w't per doz	32	36	40	lbs.
No. 13—"O. V. B." Diamond..per dozen	$13.75	13.75	14.15	
No. 213—Batcheller "	13.75	13.75	14.15	
No. 013—Golden Eagle "	12.55	12.55	12.95	
Handle	5½	6	8	ft.
Average w't per doz	44	48	52	lbs.
No. 13—"O. V. B." Diamond..per dozen	$14.65	15.15	20.15	
No. 213—Batcheller "	14.65	15.15		
No. 013—Golden Eagle "	13.45	13.95		

ONE DOZEN IN A BUNDLE.

THREE TINE BENT HANDLE HAY FORKS.

Plain Ferrule.

Handle	3½	4	4½ ft.
Average w't per doz	25	29	33 lbs.
No. 14—"O. V. B." Diamond..per dozen	$12.55	12.55	12.55
No. 214—Batcheller "		12.55	12.55
No. 2140—Batcheller, 13 in. tines. "		13.15	13.15
No. 014—Golden Eagle "		11.35	11.35
Handle	5	5½	6 ft.
Average w't per doz	37	41	45 lbs.
No. 14—"O. V. B." Diamond..per dozen	$12.95	13.45	13.95
No. 214—Batcheller "	12.95		
No. 014—Golden Eagle "	11.75	12.25	

ONE DOZEN IN A BUNDLE.

THREE TINE BENT HANDLE HAY FORKS.

Strap Ferrule.

Handle	3½	4	4½ ft.
Average w't per doz	28	32	36 lbs.
No. 15—"O. V. B." Diamond..per dozen	$14.35	14.35	14.35
No. 215—Batcheller "		14.35	14.35
No. 015—Golden Eagle "		13.15	13.15
Handle	5	5½	6 ft.
Average w't per doz	40	44	48 lbs.
No. 15—"O. V. B." Diamond..per dozen	$14.75	15.25	15.75
No. 215—Batcheller "	14.75	15.25	15.75
No. 015—Golden Eagle "	13.55	14.05	

ONE DOZEN IN A BUNDLE.

FOUR TINE BENT HANDLE HAY FORKS.

Strap Ferrule.

Handle	4	4½	5 ft.
Average w't per doz	35	39	43 lbs.
No. 17—"O. V. B." Diamond..per dozen	$17.15	17.15	17.60
No. 217—Batcheller "	17.15	17.15	17.60
No. 017—Golden Eagle "	15.30	15.30	15.75
Handle	5½		6 ft.
Average w't per doz	47		50 lbs.
No. 17—"O. V. B." Diamond.....per dozen	$18.15		18.75
No. 217—Batcheller "	18.15		
No. 017—Golden Eagle "	16.30		

ONE DOZEN IN A BUNDLE.

THREE TINE HEADER FORKS.

"O. V. B." Diamond, 15 Inch Oval Tines, Strap Ferrule, Riveted Shank.

No. 154—Length	4½	5	5½	6 ft.
W't per doz	35	39	43	47 lbs.
Per dozen	$17.15	17.60	18.10	18.65

ONE DOZEN IN A BUNDLE.

FOUR TINE HEADER FORKS.

"O. V. B." Diamond, 15 Inch Oval Tines, Strap Ferrule, Round Shoulder.

No. 18—Length	4½	5	5½	6 ft.
W't per doz	38	42	46	50 lbs.
Per dozen	$21.40	21.85	22.35	22.90

ONE DOZEN IN A BUNDLE.

HEADER, BALER AND BARLEY FORKS.

FOUR TINE HEADER FORKS.

No. 182.

"O. V. B." Diamond, 15 Inch Oval Tines, 10½ Inches Wide at Points, Square Shoulder, Plain Ferrule, Riveted Shank.

No. 181—Length	4	4½	5 ft.
W't per doz.	38	42	46 lbs.
Per dozen	$19.40	19.40	19.85

ONE DOZEN IN A BUNDLE.

"O. V. B." Diamond, 15 Inch Oval Tines, 10½ Inches Wide at Points, Square Shoulder, Riveted Shank, Strap Ferrule.

No. 182—Length	4½	5	5½	6 ft.
W't per doz.	45	49	53	56 lbs.
Per dozen	$21.40	21.85	22.35	22.90

ONE DOZEN IN A BUNDLE.

"O. V. B." Diamond, Kansas Pattern, 16 Inch Oval Tines, 11½ Inches Wide at Points, Strap Ferrule.

No. 183—Length	4½	5	5½ ft.
W't per doz.	43	47	51 lbs.
Per dozen	$23.40	23.85	24.35

ONE DOZEN IN A BUNDLE.

"O. V. B." Diamond, Dakota Pattern, 16 Inch Oval Tines, 12½ Inches Wide at Points, Square Shoulder, Strap Ferrule.

No. 144—Length	4	4½	5 ft.
W't per doz.	43	47	50 lbs.
Per dozen	$24.15	24.15	24.60

ONE DOZEN IN A BUNDLE.

"O. V. B." Diamond, Utah Pattern, 14 Inch Oval Tines, 9½ Inches Wide at Points, Strap Ferrule.

No. 185—Length	4½	5	5½ ft.
W't per doz.	39	43	47 lbs.
Per dozen	$18.90	19.35	19.85

ONE DOZEN IN A BUNDLE.

"O. V. B." Diamond, Alfalfa, 15 Inch Oval Tines, 12 Inches Wide at Points, Riveted Shank, Strap Ferrule.

No. 187—Length	4½	5	5½ ft.
W't per doz.	42	46	50 lbs.
Per dozen	$23.40	23.85	24.35

ONE DOZEN IN A BUNDLE.

FOUR TINE HEADER FORKS.

"O. V. B." Diamond, Montana, 15 Inch Oval Tines, 9½ Inches Wide at Points, Strap Ferrule.

No. 184—Length	4½	5	5½	6 ft.
W't per doz.	40	44	48	52 lbs.
Per dozen	$20.40	20.85	21.35	21.90

ONE DOZEN IN A BUNDLE.

"O. V. B." Diamond, Wyoming, 16 Inch Oval Tines, 11 Inches Wide at Points, Strap Ferrule, Riveted Shank.

No. 186—Length	4½	5	5½	6 ft.
W't per doz.	42	46	50	54 lbs.
Per dozen	$23.40	23.85	24.35	24.90

ONE DOZEN IN A BUNDLE.

FOUR TINE BALER PRESS FORKS.

No. 160—7 in. oval, straight tines, 9 in. wide at points, square shoulder, plain ferrule, 4½ ft. straight handle, w't per doz. 33 lbs. ..... per dozen $13.75

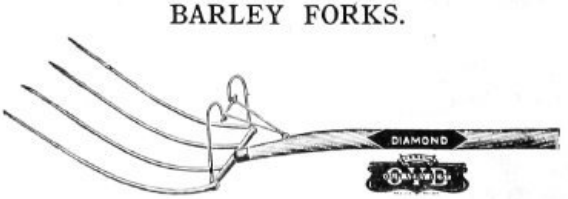
ONE DOZEN IN A BUNDLE.

THREE TINE HAY BALER FORKS.

No. 165—16 in. oval tines, 10½ in. wide at points, plain ferrule, riveted shank, 5 ft. bent handles, w't per doz. 43 lbs. . per dozen $21.95

ONE DOZEN IN A BUNDLE.

BARLEY FORKS.



Polished Steel Tines, Wire Braced, Gold Bronzed Ferrule, Cap and Head.

Handle	5	5½ ft.
No. 124—4 tines, plain ferrule, long handle, w't per doz. 51 lbs. ..... per dozen	$28.65	29.15
No. 134—4 tines, strap ferrule, long handle, w't per doz. 53 lbs. ..... per dozen	30.65	

No. 125—5 polished steel tines, wire braced, plain ferrule, 5 ft. handle, w't per doz. 54 lbs. ..... per dozen $36.65

No. 225—5 polished steel tines, wire braced, plain ferrule, *malleable D handle*, w't per doz. 52 lbs. ..... per dozen 37.40

HALF DOZEN IN A BUNDLE.

BARLEY AND MANURE FORKS.

BARLEY FORKS.

Wood Tines, Wire Braced, Long Handle.

No. 14—4 tines, w't per doz. 46 lbs., per dozen $10.00

No. 16—6 tines, w't per doz. 50 lbs., per dozen 12.00

HALF DOZEN IN A BUNDLE.

LONG HANDLE MANURE FORKS.

Four Tines, Plain Ferrule.

No. 21—"O. V. B." DIAMOND, 4 or 4½ ft. handle..... per dozen $17.00

No. 221—BATCHELLER, 4 or 4½ ft. handle..... per dozen 17.00

No. 021—GOLDEN EAGLE, 4 or 4½ ft. handle..... per dozen 15.00

No. 0021—EMPIRE, 4 ft. handle, " 12.85

NO. 221 HALF DOZEN, BALANCE ONE DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 40 LBS.

Four Tines, Strap Ferrule.

No. 22—"O. V. B." DIAMOND, 4 or 4½ ft. handle..... per dozen $19.00

No. 222—BATCHELLER, 4 or 4½ ft. handle..... per dozen 19.00

No. 022—GOLDEN EAGLE, 4 or 4½ ft. handle..... per dozen 17.00

No. 0022—EMPIRE, 4 ft. handle, per dozen 14.85

NO. 222 HALF DOZEN, BALANCE ONE DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 42 LBS.

Four Tines, Strap Ferrule.

No. 122—"O. V. B." DIAMOND, 4½ ft. handle, w't per doz. 44 lbs..per dozen $19.00

ONE DOZEN IN A BUNDLE.

Five Tines, Plain Ferrule.

No. 23—"O. V. B." DIAMOND, 4 or 4½ ft. handle..... per dozen $25.50

No. 223—BATCHELLER, 4 or 4½ ft. handle..... per dozen 25.50

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 43 LBS.

LONG HANDLE MANURE FORKS.

Five Tines, Strap Ferrule.

No. 24—"O. V. B." DIAMOND, 4 or 4½ ft. handle..... per dozen $27.50

No. 224—BATCHELLER, 4 or 4½ ft. handle..... per dozen 27.50

No. 024—GOLDEN EAGLE, 4 or 4½ ft. handle..... per dozen 25.00

NO. 024 ONE DOZEN, BALANCE HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 44 LBS.

No. 26.

Six Tines, Plain Ferrule.

No. 25—"O. V. B." DIAMOND, 4 or 4½ ft. handle..... per dozen $29.50

No. 225—BATCHELLER, 4 or 4½ ft. handle..... per dozen 29.50

No. 025—GOLDEN EAGLE, 4 or 4½ ft. handle..... per dozen 26.25

NO. 025 ONE DOZEN, BALANCE HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 45 LBS.

Six Tines, Strap Ferrule.

No. 26—"O. V. B." DIAMOND, 4 or 4½ ft. handle..... per dozen $31.50

No. 226—BATCHELLER, 4 or 4½ ft. handle..... per dozen 31.50

No. 026—GOLDEN EAGLE, 4 or 4½ ft. handle..... per dozen 28.25

NO. 026 ONE DOZEN, BALANCE HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 47 LBS.

D HANDLE MANURE FORKS.

Four Tines, Plain Ferrule.

No. 27—"O. V. B." DIAMOND, per dozen $18.25

No. 227—BATCHELLER..... per dozen 18.25

No. 027—GOLDEN EAGLE..... " 16.25

NO. 027 ONE DOZEN, BALANCE HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 36 LBS.

Four Tines, Strap Ferrule.

No. 28—"O. V. B." DIAMOND, per dozen $20.25

No. 228—BATCHELLER..... " 20.25

No. 028—GOLDEN EAGLE..... " 18.25

NO. 028 ONE DOZEN, BALANCE HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 40 LBS.

D HANDLE MANURE FORKS.

Five Tines, Plain Ferrule.

No. 29—"O. V. B." DIAMOND, per dozen $26.75

No. 229—BATCHELLER..... " 26.75

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 40 LBS.

Five Tines, Strap Ferrule.

No. 30—"O. V. B." DIAMOND, per dozen $28.75

No. 230—BATCHELLER..... " 28.75

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 41 LBS.

Six Tines, Plain Ferrule.

No. 31—"O. V. B." DIAMOND, per dozen $30.75

No. 231—BATCHELLER..... " 30.75

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 43 LBS.

Six Tines, Strap Ferrule.

No. 32—"O. V. B." DIAMOND, per dozen $32.75

No. 232—BATCHELLER..... " 32.75

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 45 LBS.

No. 32½—"O. V. B." DIAMOND, city pattern, extra wide long tines, per dozen $24.00

No. 232½—BATCHELLER, city pattern, extra wide, long tines..... per dozen 24.00

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 57 LBS.

Eight Tines, Strap Ferrule.

No. 33—"O. V. B." DIAMOND, *oval tines* ..... per dozen $22.00

No. 33½—"O. V. B." DIAMOND, *flat tines* ..... per dozen 22.00

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 66 LBS.

SPADING FORKS, POTATO AND MANURE HOOKS.

D HANDLE SPADING FORKS.

Four Tines, Plain Ferrule, Malleable D Handle.

No. 42—"O. V. B." DIAMOND, light, angular tines.....per dozen $23.00

No. 242—BATCHELLER, light, diamond back tines.....per dozen 23.00

No. 042—GOLDEN EAGLE, light, angular tines.....per dozen 21.75

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 49 LBS.

Heavy, Four Flat Tines, Malleable D Handle.

No. 40—"O. V. B." DIAMOND, plain ferrule.....per dozen $24.25

No. 41—"O. V. B." DIAMOND, strap ferrule.....per dozen 26.25

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 59 LBS.

Four Tines, Strap Ferrule, Malleable D Handle.

No. 43—"O. V. B." DIAMOND, light, angular tines.....per dozen $25.00

No. 243—BATCHELLER, light, diamond back tines.....per dozen 25.00

No. 043—GOLDEN EAGLE, light, angular tines.....per dozen 23.75

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 50 LBS.

Four Tines, Plain Ferrule, Malleable D Handle.

No. 44—"O. V. B." DIAMOND, heavy, angular tines.....per dozen $24.25

Four Tines, Strap Ferrule, Malleable D Handle.

No. 45—"O. V. B." DIAMOND, heavy, angular tines.....per dozen $26.25

No. 51—"O. V. B." DIAMOND, *extra heavy*, angular tines.....per dozen 32.00

Five Tines, Strap Ferrule, Malleable D Handle.

No. 46—"O. V. B." DIAMOND, angular tines.....per dozen $34.50

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 58 LBS.

LONG HANDLE SPADING FORKS.

Heavy, Angular Tines, Strap Ferrule, 4 Foot Handle.

No. 45½—"O. V. B." DIAMOND, 4 tines, per dozen..... $25.00

No. 50—"O. V. B." DIAMOND, 5 tines, per dozen..... 33.25

HALF DOZEN IN A BUNDLE; AVERAGE W'T PER DOZ. 66 LBS.

POTATO DIGGING FORKS.

Six Tines, Strap Ferrule.

No. 46—"O. V. B." DIAMOND, D handle, w't per doz. 45 lbs.....per dozen $27.50

No. 47—"O. V. B." DIAMOND, 4½ ft. straight handle, w't per doz. 46 lbs., per dozen..... 26.25

HALF DOZEN IN A BUNDLE.

POTATO HOOKS.

No. 14—"O. V. B." DIAMOND, 4 flat tines, plain ferrule, w't per doz. 28 lbs., per dozen..... $14.50

No. 16—"O. V. B." DIAMOND, 6 flat tines, plain ferrule, w't per doz. 30 lbs., per dozen..... 19.00

ONE DOZEN IN A BUNDLE.

No. 24—"O. V. B." DIAMOND, 4 round tines, plain ferrule, w't per doz. 26 lbs., per dozen..... $13.00

No. 25—"O. V. B." DIAMOND, 5 round tines, plain ferrule, w't per doz. 28 lbs.....per dozen 17.50

ONE DOZEN IN A BUNDLE.

POTATO HOOKS.

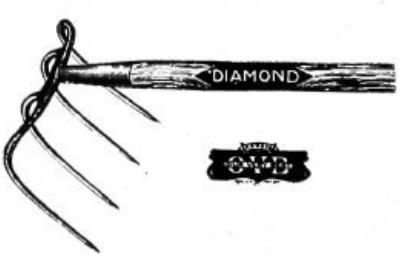
No. 15—"O. V. B." DIAMOND, 5 oval tines, plain ferrule, w't per doz. 30 lbs., per dozen..... $17.50

ONE DOZEN IN A BUNDLE.

No. 26—"O. V. B." DIAMOND, 6 round tines, plain ferrule, w't per doz. 30 lbs., per dozen..... $19.00

ONE DOZEN IN A BUNDLE.

MANURE HOOKS.



No. 34—"O. V. B." DIAMOND, 4 round tines, *extra heavy*, plain ferrule, w't per doz. 40 lbs.....per dozen $17.50

ONE DOZEN IN A BUNDLE.

FORKS.

POTATO SCOOP FORKS.

D Handle, Strap Ferrule.

No. 708—"O. V. B." DIAMOND, 8 oval tines, blunt ends, 16 in. long, 11½ in. wide, w't per doz. 76 lbs...per dozen $20.00
No. 710—"O. V. B." DIAMOND, 10 oval tines, blunt ends, 16 in. long, 14½ in. wide, w't per doz. 90 lbs....per dozen 24.00
No. 712—"O. V. B." DIAMOND, 12 oval tines, blunt ends, 16 in. long, 16½ in. wide, w't per doz. 102 lbs..per dozen 28.00

HALF DOZEN IN A BUNDLE.

D HANDLE FARMERS' FORKS.

Plain Ferrule.

No. 608—"O. V. B." DIAMOND, 8 oval tines, blunt ends, 15 in. long, 11½ in. wide, w't per doz. 75 lbs....per dozen $20.00
No. 610—"O. V. B." DIAMOND, 10 oval tines, blunt ends, 16 in. long, 14 in. wide, w't per doz. 90 lbs....per dozen 24.00

HALF DOZEN IN A BUNDLE.

POTATO SCOOPS.

No. 1—Tinned steel wires, 13½×16 in., w't per doz. 70 lbs.....per dozen $21.00

No. 2—Malleable iron, back strapped, 13×16 in., w't per doz. 80 lbs., per dozen..... $18.00

HALF DOZEN IN A BUNDLE.

D HANDLE BEET FORKS.

Strap Ferrule.

No. 807—"O. V. B." DIAMOND, 7 oval tines, ball ends, 16½ in. long, 13 in. wide, 36 in. handle, w't per doz. 80 lbs.....per dozen $20.00

HALF DOZEN IN A BUNDLE.

COTTON SEED FORKS.

"O. V. B." Diamond, Strap Ferrule.

No. 310—10 diamond tines, 14 in. long, 16½ in. wide, w't per doz. 90 lbs., per dozen..... $24.00
No. 312—12 diamond tines, 18 in. long, 17 in. wide, w't per doz. 103 lbs., per dozen..... 28.00

HALF DOZEN IN A BUNDLE.

D HANDLE CINDER, ORE OR STONE FORKS.

Strap Ferrule.

No. 408—"O. V. B." DIAMOND, 8 heavy square tines, 13 in. long, 10½ in. wide, w't per doz. 84 lbs.....per dozen $20.00
No. 410—"O. V. B." DIAMOND, 10 heavy square tines, 14½ in. long, 13 in. wide, w't per doz. 92 lbs.....per dozen 25.00
No. 412—"O. V. B." DIAMOND, 12 heavy square tines, 14 in. long, 11½ in. wide, w't per doz. 94 lbs.....per dozen 29.00

HALF DOZEN IN A BUNDLE.

D HANDLE COKE FORKS.

"O. V. B." Diamond, Strap Ferrule.

No. 110 —10 diamond tines, 17 in. long, 14 in. wide, w't per doz. 90 lbs., per dozen..... $24.00
No. 112 —12 diamond tines, 18 in. long, 18 in. wide, w't per doz. 104 lbs., per dozen..... 28.00
No. 114 —14 diamond tines, 17 in. long, 18 in. wide, w't per doz. 116 lbs., per dozen..... 33.00
No. 114½—14 diamond tines, 19 in. long, 20½ in. wide, w't per doz. 120 lbs.....per dozen 33.00
No. 116 —16 diamond tines, 17 in. long, 18 in. wide, w't per doz. 124 lbs., per dozen..... 40.00

Coke forks are made with wood or malleable D handles.

HALF DOZEN IN A BUNDLE.

D HANDLE COAL FORKS.

"O. V. B." Diamond, Strap Ferrule.

No. 212½—12 diamond tines, 16 in. long, 13 in. wide, w't per doz. 100 lbs., per dozen..... $29.00
No. 214½—14 diamond tines, 16½ in. long, 12½ in. wide, w't per doz. 101 lbs.....per dozen 33.00
No. 216 —16 diamond tines, 15 in. long, 14 in. wide, w't per doz. 118 lbs., per dozen..... 40.00

HALF DOZEN IN A BUNDLE.

D HANDLE SHAVING FORKS.

Strap Ferrule.

No. 306—"O. V. B." DIAMOND, 6 oval tines, 3 in. between tines, w't per doz. 60 lbs.....per dozen $22.00

RAKES.

GARDEN.

"Our Very Best" Gold Bronzed, Polished Edges, Steel Bow.

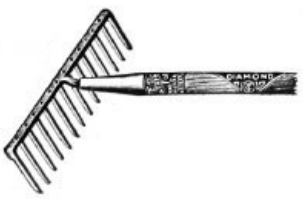
Nos	112	114	116
Teeth	12	14	16
Weight	34	38	40 lbs.
Per dozen	$19.25	20.75	22.25

ONE DOZEN IN A BUNDLE.

Golden Eagle, Heavy Shank, Straight Teeth.

Nos	212	214	216
Teeth	12	14	16
Weight	28	32	35 lbs.
Per dozen	$15.00	16.50	18.00

ONE DOZEN IN A BUNDLE.



Diamond, Electric Forged Steel.

Nos	12	14	16
Teeth	12	14	16
W't per doz.	28	32	33 lbs.
Per dozen	$15.00	16.50	18.00

An extra strong rake, the teeth being welded in by electricity.

GARDEN.

Diamond, Malleable Iron, Heavy Shank and Head, Curved Teeth.

Nos	310	312	314	316
Teeth	10	12	14	16
Weight	26	28	30	32 lbs.
Per dozen	$5.50	6.00	6.50	7.00

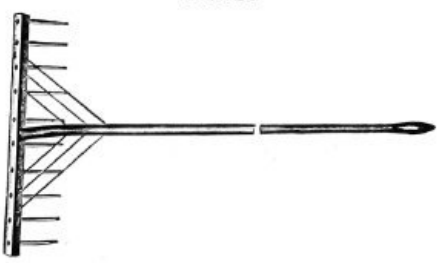
ONE DOZEN IN A BUNDLE.

COAL OR ROAD.

No. 416—DIAMOND, 16 teeth, malleable iron, extra heavy, w't per doz. 52 lbs., per dozen $22.00

ONE DOZEN IN A BUNDLE.

HAY.



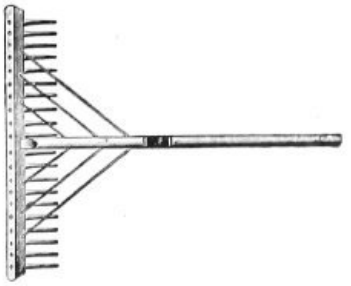
Mortised Wood Teeth, Wire Braced.

No. 0—Plain, 10 teeth, w't per doz. 25 lbs. ..... per dozen $4.00

No. WX—PREMIUM, oiled, 10 teeth, w't per doz. 26 lbs. ..... per dozen 4.50

ONE DOZEN IN A BUNDLE.

LAWN.



No. 20—Lawn, wood, wire braced, 20 teeth, w't per doz. 30 lbs. ..... per dozen $6.00

ONE DOZEN IN A BUNDLE.

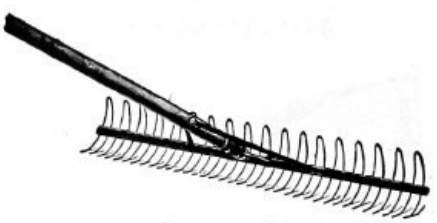
LAWN.

No. 11—Wire, lawn, braced steel, 24 wire teeth, w't per doz. 32 lbs., per dozen $7.00

ONE DOZEN IN A BUNDLE.

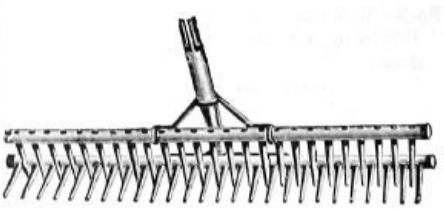
No. 25—OLE OLSEN, lawn, well seasoned, straight grained hard wood, oil finished, malleable ferrule, 26 teeth, w't per doz. 27 lbs. ..... per dozen $7.50

ONE DOZEN IN A BUNDLE.



No. 36—JUMBO, lawn, double braced steel, 36 wire teeth, w't per doz. 52 lbs., per dozen $11.00

ONE DOZEN IN A BUNDLE.

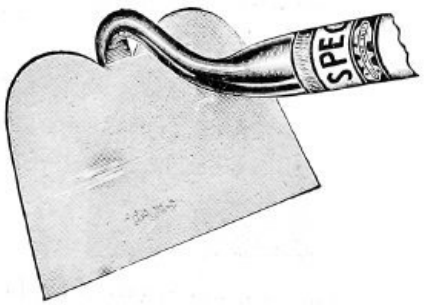


No. 26—AUTOMATIC, lawn, self clearing, 22 wood teeth, w't per doz. 60 lbs., per dozen $12.00

ONE DOZEN IN A BUNDLE

HOES.

GARDEN.



"OUR VERY BEST"

No. 10 —Special high grade razor steel blade welded to soft steel back, 6, 6½, 7, 7½ and 8 in. blade, w't per doz. 28 lbs.....per dozen $18.00

These hoes are made with special high grade razor steel, welded to a soft steel back, and will always keep sharp; they have high grade, well tapered and finished handles.

ONE DOZEN IN A BUNDLE.

No. 12—"O. V. B." DIAMOND, solid socket, cast steel, gold bronzed, 6, 6½, 7, 7½ or 8 in. polished blade, 4 ft. handle, w't per doz. 28 lbs.....per dozen $15.75

No. 13—TOM PURDON'S, solid socket, cast steel, gold bronzed, 6½, 7, 7½ or 8 in. polished blade, 4 ft. handle, w't per doz. 26 lbs.....per dozen 14.75

ONE DOZEN IN A BUNDLE.

No. 14—"O. V. B." DIAMOND, solid shank, cast steel, gold bronzed, 6½, 7 or 7½ in. polished blade, 4 ft. handle, w't per doz. 25 lbs.....per dozen $14.25

No. 15—TOM PURDON'S, solid shank, cast steel, 7 or 7½ in. polished blade, 4 ft. handle, w't per doz. 25 lbs..per dozen 13.25

ONE DOZEN IN A BUNDLE.

No. 16—"O. V. B." DIAMOND, ladies', solid shank, cast steel, gold bronzed, 5 in. polished blade, 3½ ft. handle, w't per doz. 18 lbs.....per dozen $11.00

No. 17—"O. V. B." DIAMOND, boys', solid shank, cast steel, gold bronzed, 6 in. polished blade, 4 ft. handle, w't per doz. 24 lbs.....per dozen 13.00

ONE DOZEN IN A BUNDLE.

GARDEN.

No. 19½.

No. 19 —DIAMOND, riveted shank, gold bronzed, 7½ in. polished blade, 4 ft. handle, w't per doz. 27 lbs...per dozen $9.00

No. 19½—DIAMOND, riveted socket, gold bronzed, 7½ in. polished blade, 4 ft. handle, w't per doz. 27 lbs..per dozen 9.50

ONE DOZEN IN A BUNDLE.

BEET.

No. 23—"O.V.B." DIAMOND, solid shank, gold bronzed, cast steel, polished blade 4¼ in., *18 in. handle*, w't per doz. 13 lbs.....per dozen $ 8.00

No. 24—"O. V. B." DIAMOND, solid shank, gold bronzed, cast steel, polished blade 4¾ in., *4½ ft. handle*, w't per doz. 20 lbs .....per dozen 13.00

ONE DOZEN IN A BUNDLE.

No. 26—"O.V.B." DIAMOND, solid socket, gold bronzed, cast steel, polished blade, 5½, 6, 7 and 8 in., 4½ ft. handle, w't per doz. 23 lbs.....per dozen $14.50

ONE DOZEN IN A BUNDLE.

ONION AND NURSERY.

No. 22—"O.V B." DIAMOND, solid shank, gold bronzed, cast steel, polished blade 7½ in., 4 ft. handle, w't per doz. 23 lbs.....per dozen $14.00

ONE DOZEN IN A BUNDLE.

PLANTERS'.

"O. V. B." Diamond, ⅝ Inch Solid Shank, Gold Bronzed, Polished Cast Steel Blade.

No. 20—Inches..	7	7½	8
Handle.....	5	5½	5½ ft.
Per dozen.....$19.00		20.50	21.25

No. 20—Inches.....	8½	9
Handle.....	5½	5½ ft.
Per dozen.....$22.25		23.50

With riveted handles, extra★..per dozen $0.40

ONE DOZEN IN A BUNDLE. AVERAGE WEIGHT 45 LBS. PER DOZEN.

COTTON.

Flick, ½ Inch Solid Shank, Polished Steel Blade, Blued Ferrule, Gold Bronzed Cap and Shank.

No. 30—Inches..	6½	7	7½
Depth.....	5	5¼	5¼ in
Handle.....	5	5	5 ft.
Per dozen.....$15.50		16.25	17.00

No. 30—Inches.....	8	8½
Depth.....	5½	5½ in.
Handle.....	5½	5½ ft.
Per dozen $18.50		19.50

With riveted handles, extra★...per dozen $0.40

ONE DOZEN IN A BUNDLE. AVERAGE WEIGHT 32 LBS. PER DOZEN

Southern, ½ Inch Solid Shank, Gold Bronzed Half Polished Steel Blade.

No. 38—Inches	8	8½	9	10
Depth.....	4	4	4	4 in.
Handle.....	5½	5½	5½	5½ ft.
Per dozen....$18.50		19.50	20.25	22.00

With riveted handles, extra★...per dozen $0.40

ONE DOZEN IN A BUNDLE. AVERAGE WEIGHT, 40 LBS. PER DOZEN.

SHALLOW COTTON OR MEADOW.

UNITY, ½ Inch Solid Shank, Polished Steel Blade, Gold Bronzed Cap and Shank, Blued Ferrule.

No. 32—Inches	8	8½	9	10
Depth.....	4	4	4	4 in.
Handle.....	5	5	5	5 ft.
Per dozen...$16.25		16.75	17.25	18.75

With riveted handles, extra★...per dozen $0.40

ONE DOZEN IN A BUNDLE. AVERAGE WEIGHT 30 LBS. PER DOZEN.

UNITY, ½ Inch Solid Socket, Polished Steel Blade, Gold Bronzed Finish.

No. 33—Inches	8	8½	9	10
Depth.....	4	4	4	4 in.
Handle.....	5	5	5	5 ft.
Per dozen....$18.00		18.50	19.00	20.50

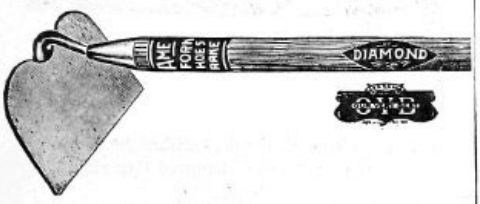
With riveted handles, extra★...per dozen $0.40

ONE DOZEN IN A BUNDLE. AVERAGE WEIGHT 32 LBS. PER DOZEN.

★ *FOR FACTORY SHIPMENT ONLY*

HOES.

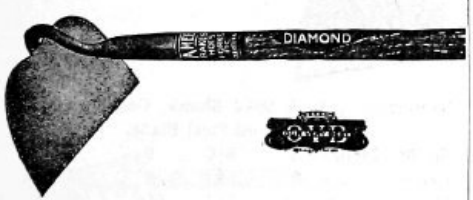
MORTAR.



No. 18—"O. V. B." DIAMOND, solid shank, gold bronzed, cast steel, 10 in. polished steel blade, plain ferrule, 5½ ft. handle, w't per doz. 50 lbs. per dozen..... $25.40

No. 100—Hung straight, otherwise same as No. 18, w't per doz. 48 lbs., per dozen..... 25.40

No. 18½—"O. V. B." DIAMOND, solid shank, gold bronzed, cast steel, 10 in. polished steel blade, *punched*, plain ferrule, 5½ ft. handle, w't per doz. 50 lbs.....per dozen 27.90



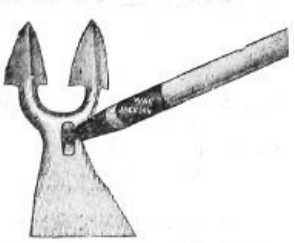
No. 180—"O. V. B." DIAMOND, solid socket, gold bronzed, 10 in. polished steel blade, 5½ ft. handle, w't per doz. 50 lbs.....per dozen $27.90

WARREN.

No. 020—Cast steel, polished blade, 7½ in., gold bronzed socket, w't per doz. 28 lbs.....per dozen $17.50

ONE DOZEN IN A BUNDLE.

WEED.



No. 25—ACME, polished corrugated steel blade, 4¾×9½ in., steel ferrule, 4 ft. handle, w't per doz. 25 lbs..per dozen $20.00

HALF DOZEN IN A BUNDLE.

ONION.

No. 6—2 prong, cast steel, polished blade, 9×3½ in., steel ferrule, 4 ft. handle, w't per doz. 15 lbs.....per dozen $11.00

ONE DOZEN IN A BUNDLE.

WEED.

No. 4—1 prong, sharp point, cast steel, polished blade, 9×3½ in., 4 ft. handle, steel ferrule, w't per doz. 18 lbs., per dozen..... $9.00

ONE DOZEN IN A BUNDLE.

No. 3—4 prong, cast steel, 4 ft. handle, w't per doz. 13 lbs.....per dozen $15.00

No. 2—6 prong, cast steel, 4 ft. handle, w't per doz. 15 lbs.....per dozen $17.00

ONE DOZEN IN A BUNDLE.

SCUFFLE.

Cast Steel, Polished Blade, Not Handled.

No. 87—7 in., w't per doz. 7 lbs., per dozen $6.00
No. 88—8 in., w't per doz. 8 lbs., " 6.50

ONE DOZEN IN A BOX.

No. 80—"O. V. B." DIAMOND, 8 in., cast steel, polished blade, gold bronzed steel ferrule and brace, extra heavy 6 ft. handle, w't per doz. 36 lbs.. per dozen $12.00

ONE DOZEN IN A BUNDLE.

PLANTERS' EYE.

Solid Forged Steel, Half Polished, Unhandled.

Sizes	0	1	2	3
Width	7	7½	8	8½ in.
W't per doz.	20	21	22	23 lbs
Per dozen	$5.75	6.00	6.50	7.00

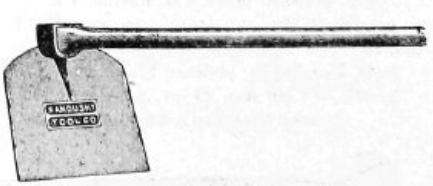
Sizes	4	5	6
Width	9	9½	10 in.
W't per doz.	26	28	32 lbs.
Per dozen	$7.50	8.00	8.50

Sprouting.

No. 7-0—Giant pattern, 4½×9 in., crucible cast steel, polished, unhandled, w't per doz. 21 lbs.....per dozen $9.00

Hilling.

No. 8-0—Giant pattern, 6×8 in., crucible cast steel, polished, unhandled, w't per doz. 22 lbs.....per dozen $9.00



German, Handled, Solid Cast Steel, Polished, 4½ Foot Handle.

Nos	4-0	3-0	2-0
Width	5½	6	6½ in.
W't per doz.	38	40	42 lbs.
Per dozen	$8.50	9.00	9.50

ONE DOZEN IN A BUNDLE.

Grub, Handled, Solid Cast Steel 4½ Foot Handle.

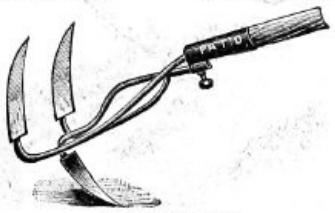
No. 6-0—4½×8 in., polished blade, w't per doz. 46 lbs., per dozen..... $9.50

GARDEN TOOLS.

CULTIVATOR HOES.

Fender in Use.

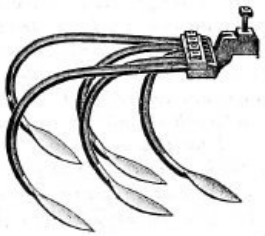
As a Cultivator.



As a Seed Drill.

No. 136—OSBORNE, 3 steel blades and fender, center blade adjustable and removable, 4½ ft. handle, w't per doz. 48 lbs.....per dozen $20.00

HALF DOZEN IN A BUNDLE.



No. 137—NORCROSS, spring steel prongs, malleable iron socket and clamp plates, best quality 4 ft. white ash handle, shovels forged from the steel prongs, prongs clamped firmly by 4 strong bolts, w't per doz. 40 lbs.....per dozen $20.00

No thumb-screws are used. Every part is detachable. Works between rows, or center shovel can be removed and the row straddled. It pulls weeds, pulverizes the soil thoroughly, giving level cultivation. No walking over cultivated surface nor trampling the small weeds back to take root and grow again, (as in pushing a wheel plow). This tool can be used where a wheel plow is not practical and sells at a much lower cost.

HALF DOZEN IN A BUNDLE.

GARDEN FORKS.

No. 10—Malleable iron, brass ferrule, polished hardwood handle, length 9 in., w't per doz. 4½ lbs.....per dozen $1.50

ONE DOZEN IN A BOX.

No. 115—GEM, three 6 in. cast steel tines, one-third bronzed, brass ferrule, 5 in. hardwood handle, w't per doz, 5½ lbs., per dozen.....$6.00

This is a high grade fork, made of the same quality steel as our Ashtabula steel goods.

ONE DOZEN IN A BOX.

GARDEN TROWELS.

Polished Steel Blade, Riveted Shank, Steel Ferrule, Polished Hardwood Handle.

No. 6—6 in., w't per doz. 4¼ lbs., per dozen $1.00
No. 7—7 in., w't per doz. 4½ lbs., " 1.15
No. 8—8 in., w't per doz. 5 lbs., " 1.30

ONE DOZEN IN A BOX.

No. 20—6 in., one piece steel blade, steel ferrule, polished ebony stained handle, w't per doz. 3½ lbs.....per dozen $1.50

ONE DOZEN IN A BOX.

No. 22—"NEVER BREAK," 6 in., heavy stamped steel, natural finish, lacquered, one piece blade and socket, riveted handle, w't per doz. 6 lbs....per dozen $2.00

ONE DOZEN IN A BOX.

No. 24—6 in., 16 gauge tool steel blade, with socket, hardwood handle, w't per doz. 8 lbs.....per dozen $2.50

ONE DOZEN IN A BOX.

No. 26—FLORISTS', 6 in., English pattern, extra heavy, cast steel, natural finish, polished, one piece blade, steel ferrule, hardwood handle, w't per doz. 5½ lbs., per dozen.....$5.00

HALF DOZEN IN A BOX.

GARDEN TROWELS.

"OUR VERY BEST."

No. 1 OVB—6 in., one piece heavy sheet steel, full polished, shank bent hollow to give strength, w't per doz. 7 lbs.....per dozen $6.00

An exceptionally fine trowel, designed for florists and gardeners. It is well made in every particular.

HALF DOZEN IN A PACKAGE.

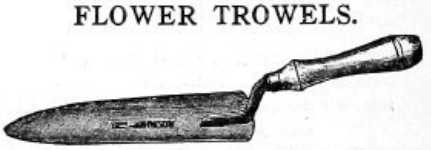
"OUR VERY BEST."

No. 2 OVB—6 in., blade and trowel shank forged from one piece of steel, front part of blade polished, rear part of blade and shank varnished a nice blue, w't per doz. 8 lbs.....per dozen $9.00

As fine a trowel as can be made. Great care has been taken in the design, material and workmanship. No detail has been overlooked to produce a satisfactory tool that will last a lifetime.

HALF DOZEN IN A PACKAGE.

FLOWER TROWELS.



No. 216—Ladies', 6 in. cold rolled steel blade, firmly riveted by new method, hardwood handle, w't per doz. 3 lbs., per dozen..... $1.00

ONE DOZEN IN A BOX.

TRANSPLANTING TROWELS.

No. 217—6 in., blade and shank of one piece sheet steel, narrow blade, deeply curved, polished hardwood handle, w't per doz. 3½ lbs.....per dozen $1.50

For many purposes this is better than the bent shank trowel and answers for both trowel and dibble. Unequaled for setting out cabbage, strawberry and tobacco plants. Excellent for lifting and setting out plants and tree seedlings.

ONE DOZEN IN A BOX.

DIBBLES.

No. 2180—Wood handle, brass point, 1¼ in. across large part, w't per doz. 12 lbs.....per dozen $6.00

GARDEN TOOLS.

WEEDERS.

No. 30—EXCELSIOR, 5 prongs, tinned, steel ferrule, wood handle, 10 in. long, w't per doz. 3½ lbs.....per dozen $1.50

ONE DOZEN IN A BOX.

No. 8—SUGAR BEET, 4¼×1¼ in., heavy steel blade, riveted wire shank, stained wood handle, w't per doz. 3 lbs., per dozen..... $1.50

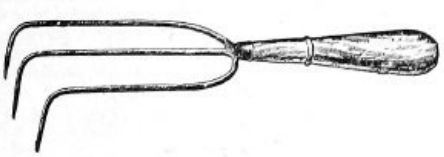
These are used for spacing the beets as well.

No. 33—ONION, 3 in. polished steel blade, solid shank, 8 in. handle, with steel ferrule, w't per doz. 3 lbs.....per dozen $5.00

ONE DOZEN IN A BUNDLE.

No. 35—HAZELTINE'S, 1 in. cast steel blade, knife edge, brass ferrule, 4 in. hardwood handle, w't per doz. 4 lbs., per dozen..... $5.00

ONE DOZEN IN A BOX.

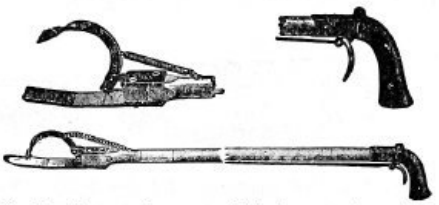


No. 36—EUREKA, three 8½ in. cast steel oval polished tines, 5 in. hardwood handle, brass ferrule, tines have 2½ in. turn, w't per doz. 5½ lbs....per dozen $5.00

Will fill the demand for a weeder of better quality than the ordinary, being made of the same quality steel and in the same manner as a hay fork.

ONE DOZEN IN A BOX.

WEEDERS.



No. 7—CLIMAX, lawn, steel blade, curved hinged clamp with serrated edge, brass spring, iron pistol grip, 36 in. hardwood handle, w't per doz. 24 lbs., per dozen..... $18.00

This is a common-sense invention which will do effective work rapidly, easily, and without the necessity of bending the back.

No. 39—CLEVELAND, japanned iron, steel blade, polished wood handle, spring lever, length 44 in., w't per doz. 22 lbs., per dozen..... $18.00

The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull suffices to dislodge it without disturbing the surrounding sod.

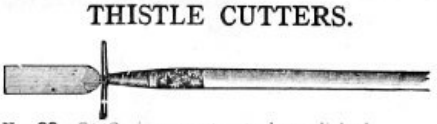
ONE DOZEN IN A BUNDLE.

DANDELION SPUDS.

No. 37—2½ in., polished steel blade and ferrule, 4½ ft. handle, w't per doz. 13 lbs.....per dozen $4.00

ONE DOZEN IN A BUNDLE.

THISTLE CUTTERS.



No. 82—8×2 in., cast steel, polished blade, gold bronzed steel step and ferrule, 4 ft. handle, w't per doz. 30 lbs., per dozen..... $10.00

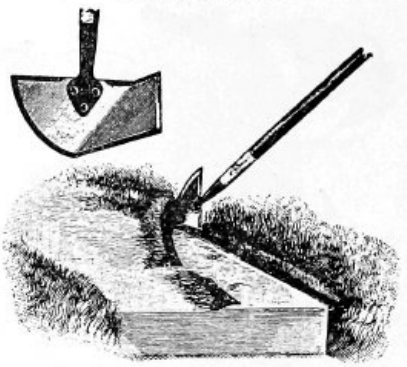
ONE DOZEN IN A BUNDLE.

TURF EDGERS.

No. 95—9×5 in., cast steel, polished blade, gold bronzed ferrule, 4 ft. handle, w't per doz. 25 lbs., per dozen $11.50

ONE DOZEN IN A BUNDLE.

COMBINED HOE AND EDGE TRIMMERS.



No. 1—HOUGH patent, five keen cutting edges, no lost motion, works going and coming, w't per doz. 36 lbs., per dozen..... $13.00

The invention is an improved form of hoe, and provides a simple inexpensive tool which may be conveniently used for trimming the edges of lawns, walks and flower beds. This hoe can be used where any other hoe is used and is an excellent hoe to dig weeds with. To use this hoe you "push or pull" or dig same as with a spade, and for that reason can be used advantageously in places close to fences, around flower-beds, walks, etc. Many of these hoes are used in truck gardens, berry patches, flower beds and gardens.

ONE DOZEN IN A BUNDLE.

LAWN SHOVELS.

Finch, Good quality steel, can be filed sharp as desired, 1¼ in. handle, 42 in. long.....per dozen $16.00

The most perfect implement devised for cutting a beveled trench along the edge of sidewalks and driveways, and has no equal as a dandelion and weed extractor. It is very useful in edging and trimming around flower beds, also in the garden, always warranting an even depth.

HALF DOZEN IN A BUNDLE.

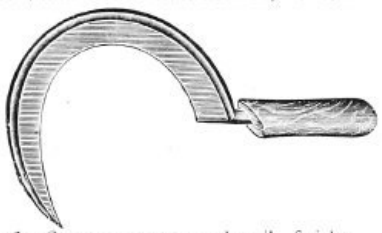
GRASS HOOKS, SICKLES AND HAY KNIVES.

GRASS HOOKS.

No. 2—Cast steel, gold bronzed, ribbed blade, length 16 in., w't per doz. 12 lbs., per dozen $3.25

No. 3—Cast steel, gold bronzed, ribbed blade, length 18 in., w't per doz. 13 lbs., per dozen 3.50

NO. 2, HALF DOZEN IN A BUNDLE; NO. 3, LOOSE.



No. 1—GERMAN, cast steel, oil finish, length 14 in., w't per doz. 5½ lbs., per dozen $3.75

The length given is distance from end of handle to tip of blade.

HALF DOZEN IN A BUNDLE.

No. 6—"OUR VERY BEST," forged, crucible steel, polished, length assorted, fancy enameled handle, w't per doz. 19 lbs. ..... per dozen $6.00

HALF DOZEN IN A BUNDLE.

No. 13—LITTLE GIANT, drop forged steel shank, finely tempered steel blade, length 15 in., enameled wood handle, w't per doz. 13 lbs. ..... per dozen $6.00

ONE DOZEN IN PASTEBOARD BOX; TWELVE DOZEN IN A CASE.

GRAIN SICKLES.

Cast Steel, Oil Finish, Serrated Edge.

Nos.	2	3	4
Length	17	18	19 in.
W't per doz.	7	8	9 lbs.
Per dozen	$4.00	4.50	5.00

The length given is the distance from tip of blade to end of handle.

HALF DOZEN IN A BUNDLE.

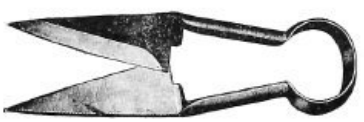
GRASS SHEARS.

No. 2000—"O. V. B.," 6 in., extra quality cast steel polished and etched blades, black bow, trowel shank, w't per doz. 9 lbs. ..... per dozen $12.00

HALF DOZEN IN A BOX.

No. 215—RUST PROOF, 5½ in., full enameled, trowel shank, thumb and finger grip, w't per doz. 11 lbs. ..... per dozen $6.00

HALF DOZEN IN A BOX.



No. 1251—5½ in., solid steel, not tempered, w't per doz. 7½ lbs. .. per dozen $4.50

No. 1261—5½ in., solid steel, tempered, half bright blades, w't per doz. 7½ lbs. ..... per dozen 5.50

No. 1263—5½ in., solid steel, tempered, half polished blades, polished shank, w't per doz. 7½ lbs. ..... per dozen 7.50

HALF DOZEN IN A BOX.

HAY KNIVES.

No. 4—HEATH'S, 3 cast steel sections, riveted to malleable frame, wood handle, with malleable D head and step, length 45 in., w't per doz. 56 lbs., per dozen $16.00

HALF DOZEN IN A BUNDLE.

Sections, for Heath's No. 4 hay knives, per dozen $3.50

HAY KNIVES.

No. 2—Lightning pattern, cast steel forged blade, 2 riveted handles, length 36 in., w't per doz. 56 lbs. . per dozen $12.50

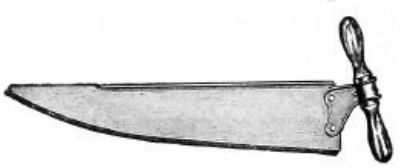
ONE DOZEN IN A CASE.

No. 7—AMERICAN, malleable iron frame, 4 riveted cast steel sickle edge knives, one fixed and one adjustable handle, length 34 in., w't per doz. 76 lbs., per dozen $22.00

HALF DOZEN IN A CASE.

Square Sections, for No. 7 American hay knives ..... per dozen $4.00

Point Sections, for No. 7 American hay knives ..... per dozen 4.50



No. 5—Cast steel painted blade, sickle edge, riveted malleable iron shank, hickory handle, length 26 in., w't per doz. 43 lbs. ..... per dozen $16.00

ONE DOZEN IN A CASE.

No. 6—SPEAR POINT, cast steel forged blade, painted red, length 24 in., hickory handle, cast steel ferrule, w't per doz. 79 lbs. ..... per dozen $17.00

HALF DOZEN IN A CASE.

SCYTHES, SNATHS AND CRADLES.

GRASS SCYTHES.

"U. S. A.," finest imported tool steel, oil tempered, double ribbed, full polished, web, back and face, under side natural finish, assorted, 28 to 32, 30 to 34, 32 to 34, 32 to 36 and 34 to 38 in., w't per doz. 32 to 38 lbs.....per dozen $12.50

"U. S. A.," with Dutch heel, 28 to 32 and 30 to 34 in., w't per doz. 31 to 38 lbs., per dozen..... 12.50

ONE DOZEN IN A CASE.

"O. V. B." Dutchman, finest cutlass steel, full mirror polished web and face, under side natural finish, assorted, 28 to 32, 30 to 34, 32 to 34, 32 to 36, 34 to 38 in., w't per doz. 31 to 38 lbs., per dozen..... $10.50

ONE DOZEN IN A CASE.

Golden Clipper, gold bronzed, polished edge, assorted, 28 to 32, 30 to 34, 32 to 34, 32 to 36, 34 to 38 in., w't per doz. 31 to 36 lbs.....per dozen $10.00

ONE DOZEN IN A CASE.

GRAIN SCYTHES.

Golden Clipper, tool steel, gold bronzed, 46 in., w't per doz. 40 lbs..per dozen $17.00

HALF DOZEN IN A BUNDLE.

WEED SCYTHES.

"O. V. B.," extra tool steel, polished, web and face, set and under side natural finish, wide heel, sharpened, assorted, 28 to 30 in., w't per doz. 38 lbs.....per dozen $11.50

"Rev-o-noc," extra tool steel, wide heel, gold bronzed, sharpened, assorted, 28 to 30 in., w't per doz. 37 lbs., per dozen..... 10.50

ONE DOZEN IN A CASE.

BUSH SCYTHES.

"O. V. B.," extra tool steel, polished web and face, under side and set natural finish, sharpened, assorted, 21 to 24 in., w't per doz. 38 lbs..per dozen $11.50

"Rev-o-noc," extra tool steel, painted red, polished edge, sharpened, assorted, 21 to 24 in., w't per doz. 36 lbs., per dozen..... 10.50

ONE DOZEN IN A CASE.

SNATHS.

No. 00—Grass, patent loop, adjustable socket, iron trimmed, screw nib, white ash, w't per doz. 50 lbs....per dozen $12.00

Loop Bolts, with nut, for No. 00, per dozen..... 1.25

Wrenches, for No. 00, with nut, per dozen..... .40

HALF DOZEN IN A BUNDLE.

No. 10—Bush, double ring, iron trimmed, screw nib, polished, white ash, w't per doz. 65 lbs....per dozen $12.50

Rings, for No. 10..... " 1.10

Wedges, for No. 10..... " .50

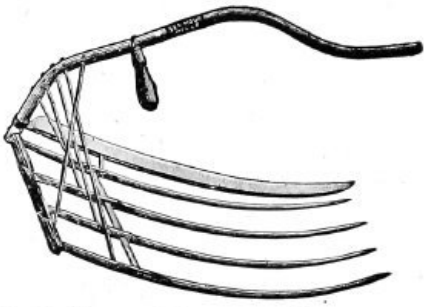
HALF DOZEN IN A BUNDLE.

No. XX—Bush, patent loop, iron trimmed, screw nib, white ash, w't per doz. 60 lbs.....per dozen $13.50

Loop Bolts, with nut, for No. XX, per dozen..... 1.40

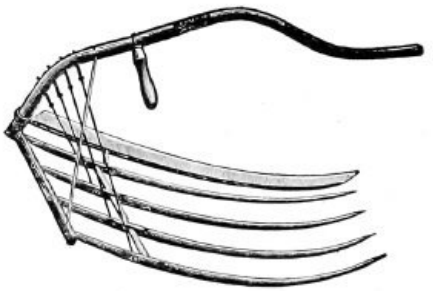
HALF DOZEN IN A BUNDLE.

GRAIN CRADLES.



No. 7—MORGAN, 4 fingers, wood braces, ring fastening, assorted, 46, 47 and 48 in., cast steel scythe, w't per doz. 120 lbs.....per dozen $45.00

HALF DOZEN IN A BUNDLE.



No. 8—MORGAN, 4 fingers, wire braces, ring fastening, assorted, 46, 47 and 48 in., cast steel scythe, w't per doz. 122 lbs.....per dozen $45.00

HALF DOZEN IN A BUNDLE.

No. 5—DUTCH BOW, 5 finger, wire braces, Creedmoor patent fastening, assorted, 46, 47 and 48 in., cast steel scythe, w't per doz. 130 lbs.....per dozen $50.00

HALF DOZEN IN A BUNDLE.

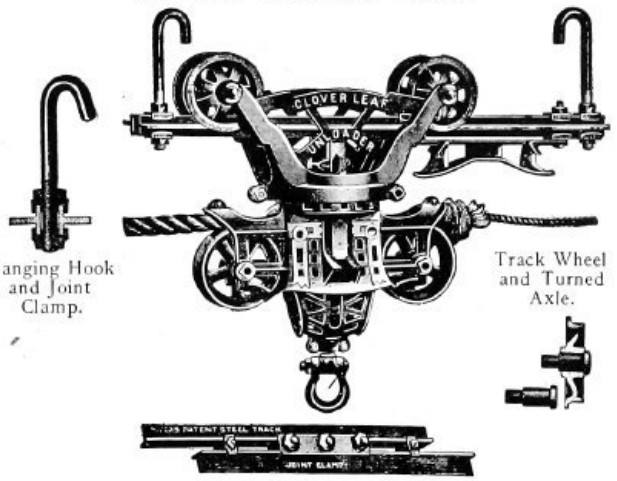
CRADLE FINGERS.

No. 1—Plain ash, not mortised or bored, w't per doz. 6 lbs.....per dozen $2.00

ONE DOZEN IN A BUNDLE.

HAY CARRIERS.

MYERS' CLOVER LEAF.



Double Steel Track with Splicing Clamp.

No. 1031—Hay Carriers, for double steel track, malleable iron, aluminum finish, 7/8 in. turned steel axles, swivel and reversible, w't 27 lbs.....each $7.00
No. 1032—Hay Carriers, adapted for wood track, otherwise same as No. 1031, w't 32 lbs.....each 7.00
No. 644—Double Steel Track, with splicing clamps, in lengths of 6 or 12 ft., w't per foot 2 lbs.....per foot .20
No. 302—Hanging Hooks, 6 in. (measured after bending), with clamp, w't per doz. 8 lbs.....per dozen 1.40
No. 824—Extra Splicing Clamps, w't per doz. 14 lbs.... " 2.50

This combination machine (both swivel and reversible) can be reversed by drawing the rope through from end to end or by turning the swivel.

It is constructed with flanged wheels revolving on 7/8-inch turned steel bearings. The lock is composed of three parts and has no springs. The carrier has a large, flaring mouth to receive the fork pulley. The fork pulley can swing backward or forward without becoming detached. This swinging fork pulley is a decided advantage when used for filling a mow above the beams, as it relieves all side strain from the car.

AN AVERAGE OUTFIT CONSISTS OF ONE CARRIER, 50 FT. OF TRACK WITH JOINT CLAMPS, TWENTY-FIVE HANGING HOOKS, TWENTY-FIVE RAFTER BRACKETS, FIVE "PASS KNOT" PULLEYS AND TWO FLOOR HOOKS. ADAPTED FOR 3/4 TO 7/8 IN. ROPE, WHICH IS NOT FURNISHED WITH THE CARRIER.

Double Steel Track, Put Together Before Shipping.

All Double Steel Track is put together as shown in illustration before shipping. The advantage of this plan is that in erecting the only thing necessary is to attach the splice clamps. Instead of old method of breaking joints in center of rail, a long, heavy clamp is used. This plan is recommended, as it adds all the advantages of the single rail, and makes the double rail more desirable for dealers to handle.

How Track Should be Placed.

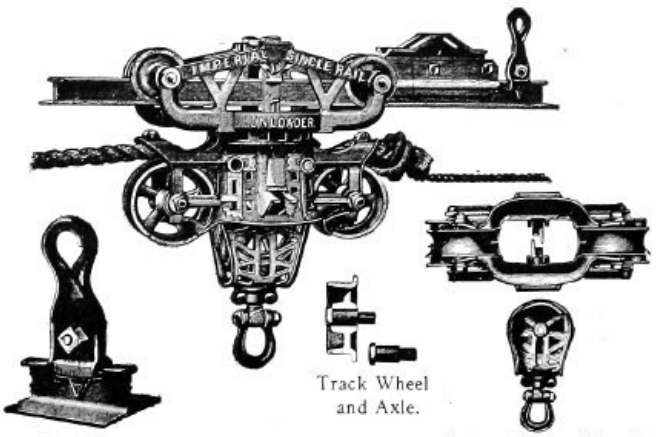
Showing how track should be put up and how rope is tied from one rafter to the other close under the track to make stop for carrier at end of barn. Also shows how rafter brackets are placed, and how pulley should be fastened.

Directions for Erecting Myers' Patent Steel Track.

Scaffold, by placing rope from rafter to rafter, say 6 ft. from ridge pole or peak and about 10 ft. apart. Then place extension ladder across the ropes with board to stand on. Now nail one rafter bracket at each end of barn and draw a line from one end to the other and stretch tight. Then nail all rafter brackets even with this line. You are now ready to put up the track, which can be done either in sections or by clamping the entire length togetner. Hoist near to rafter brackets by ropes. Then place hanging hook over rafter bracket and finish by putting in bolt.

MATERIAL REQUIRED:—One reversible carrier; track the required length of barn; one hanging-hook and rafter bracket for each rafter; five malleable knot passing pulleys; one fork; two floor hooks; one rope hitch; enough 3/4 or 7/8 in. rope to operate the carrier (usually takes from 125 to 160 ft., but depends upon length of barn); 3/8 in. reverse rope the length of track; trip rope required length.

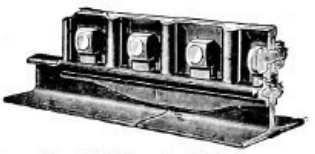
MYERS' IMPERIAL, STEEL TRACK.



No. 519.

Track Wheel and Axle.

Bottom View of Carrier.



No. 518 Showing Splicing Block.

Rope Sheave and Bushing.

No. 301.

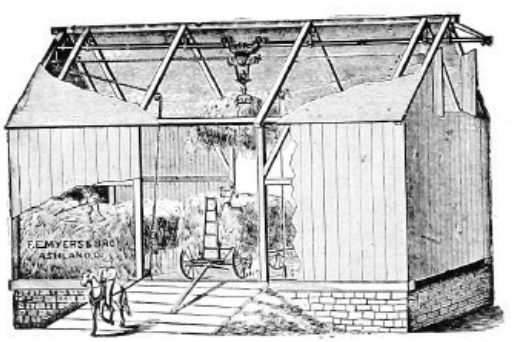
No. 1038—Hay Carriers, for single steel track, malleable iron, aluminum finish, 7/8 in. turned steel axles, swivel and reversible, w't 32 lbs.....each $7.00
No. 518—Steel Track, with splicing blocks, lengths of 6 or 12 ft., w't per foot 2 lbs.....per foot .20
No. 517—Extra Splicing Clamps, w't per doz. 16 lbs....per dozen 2.50
No. 519—Hanging Hooks, two pieces bolted, easily removed, w't per doz. 5 lbs.....per dozen 1.40
No. 301—Malleable Rafter Brackets, w't per doz. 3 lbs.. " .60

The Imperial Single Rail Carrier is heavy and substantially built. Has wide mouth to receive the fork pulley when approaching from any direction. The track wheels revolve on seven-eighths inch steel axle. The rope sheaves have extra long hub. The locking device is composed of three pieces, and is so arranged as to grasp the fork pulley on both sides of the frame.

The track is an eye beam 1 1/4 inch deep with 2 1/16 inch flange at bottom, which forms the tread for the carrier. The knocker or stop block and hanging hooks are each composed of two pieces, held by bolts which form friction clamp, and are adjustable to any point desired.

AN AVERAGE OUTFIT CONSISTS OF ONE CARRIER, 50 FT. OF TRACK WITH JOINT CLAMPS, TWENTY-FIVE HANGING HOOKS, TWENTY-FIVE RAFTER BRACKETS, FIVE "PASS KNOT" PULLEYS AND TWO FLOOR HOOKS. ADAPTED FOR 3/4 TO 7/8 IN. ROPE, WHICH IS NOT FURNISHED WITH THE CARRIER.

Each carrier is supplied with end stops to prevent carrier from running off track.



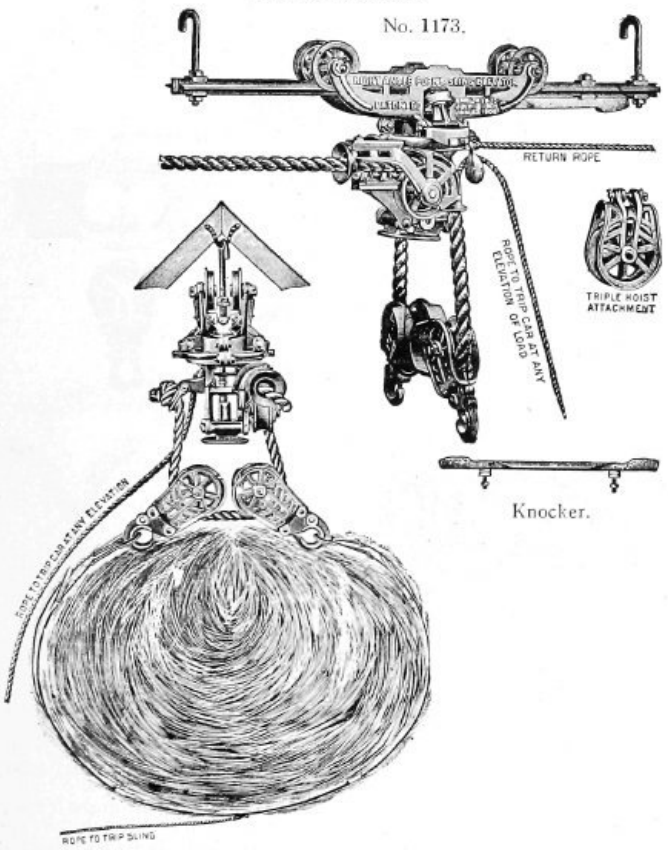
Directions for Reversing Carrier.

Set fork in hay. Tie ends of rope together, to which horse and weight are attached. Pull on small rope until knot comes to the floor, then untie ropes. Fasten weight on small rope, change pulley to floor hook. This reverses carrier for opposite direction without leaving the floor or climbing up. Use all knot passing pulleys. For taking in hay at end of barn use V-shaped brace for track support, as shown in cut.

HAY CARRIERS.

MYERS' RIGHT ANGLE FORK AND SLING ELEVATORS.

No. 1173.



Knocker.

In Operation.

With Two Sure Grip Pulley Blocks, ⅞ in. Turned Steel Bearing, Double or Triple Hoist.

No. 1173—Sling Carriers, for double steel track, annealed malleable iron, improved rope lock and locking device, w't 52 lbs., each $12.00

No. 1175—Sling Carriers, for wood track, otherwise same as No. 1173, w't 55 lbs. ..... each 12.00

No. 644—Double Steel Track, with joint clamps, in lengths of 6 or 12 ft., w't per foot 2½ lbs. ..... per foot .20

No. 302—6 in. Hanging Hooks, with clamp (measured after bending), w't per doz. 8 lbs. ..... per dozen 1.40

No. 824—Extra Joint Clamps, w't per doz. 14 lbs. ..... " 2.50

The Myers right angle fork and sling elevator, made entirely of malleable iron, with a truck operating on an 18 inch wheel base, is very heavy and of sufficient strength to withstand the ordinary usage to which such machines are subjected. The machine is so arranged that IT ELEVATES THE LOAD AT RIGHT ANGLES WITH THE TRACK, WITH THE RESULT THAT WHEN THE LOAD IS DISCHARGED IN THE MOW, IT LIES PARALLEL WITH THE LOAD ON THE WAGON, a feature not accomplished by sling carriers, unless they use special right angle pulleys which add at least one half horse power to the draft.

The ordinary sling carrier is constructed to hold a certain weight of load. If, by chance, the operator overloads the carrier, the result is that the rope slips through the lock, causing it to wear. This has been entirely overcome on the right angle fork and sling elevator, as it is so arranged that the tension of the rope lock IS REGULATED ENTIRELY BY THE WEIGHT OF THE LOAD. In other words, the heavier the load, the greater the tension on the rope lock. The result is that it is impossible for the rope to slip through the lock; hence NO CHAFING OF THE ROPE. THE LOCK ADJUSTS ITSELF TO ANY SIZED ROPE, ¾ TO 1 INCH.

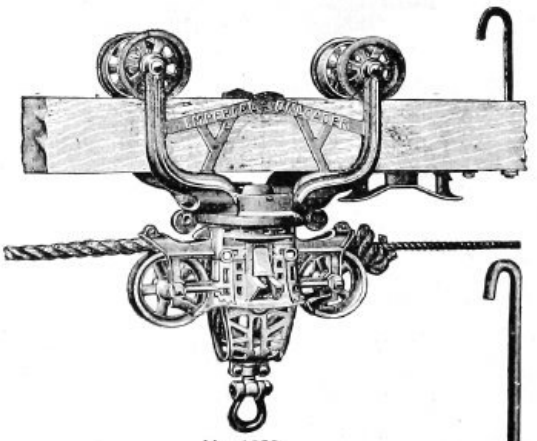
The right angle fork and sling elevator operates automatically, and is tripped by the sling pulley striking a plate immediately under the carrier. IT IS ALSO ARRANGED WITH A SEPARATE TRIP ROPE, BY THE USE OF WHICH THE LOAD MAY BE CARRIED INTO THE MOW AT ANY ELEVATION DESIRED WITHOUT DRAWING ENTIRELY TO THE TOP OF THE BARN.

This is a great advantage when used in modern barns, without cross beams, as the load need only be elevated to the height necessary to pass in to the mow, and not to the top of the barn.

The right angle fork and sling elevator is adapted to be used in connection with slings, or with one or two ordinary hay forks as desired. Many farmers prefer to use two forks, one attached to each pulley. This arrangement enables them to take at least twice the load that could possibly be taken by an ordinary fork carrier.

MYERS' RIGHT ANGLE FORK AND SLING ELEVATORS—Continued.

MYERS' IMPERIAL—WOOD TRACK.



No. 1039.

No. 301.

No. 267.

No. 1039—Hay Carriers, for single *wood* track, malleable iron, aluminum finish, ⅞ in. turned steel axles, swivel and reversible, w't 25 lbs. ..... each $7.00

No. 267—Hanging Hooks, ½×10 in. (measured after bending), w't per doz. 9 lbs. ..... per dozen 1.00

No. 268—Hanging Hooks, ½×14 in. (measured after bending), w't per doz. 12 lbs. ..... per dozen 1.20

No. 301—Malleable Rafter Brackets, w't per doz. 3 lbs. .. " .60

This carrier is identical in construction throughout with the steel track carrier, with the exception of the size of track. It is adapted for 4×4 in. wood track.

AN AVERAGE OUTFIT CONSISTS OF ONE CARRIER, TWELVE HANGING HOOKS, TWELVE RAFTER BRACKETS, FIVE PASS KNOT PULLEYS AND TWO FLOOR HOOKS.

Directions for Making Wood Track.

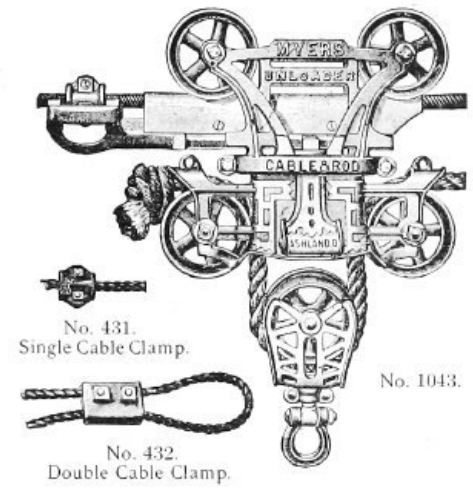
The track may be hardwood or pine scantling, 4×4, dressed to about 3¾ in. width. If not convenient to get this size for the full length, 4×2 or 4×3 may be used by nailing a piece on where the stop is placed, so as to fit the carrier and operate the lock properly. The pulley used to pull the carrier back in mow should be directly under and in line with the track. Always put an extra hook over the load near the stop.

All Myers' hay carriers are made of malleable iron throughout. They are constructed with flanged wheels revolving on ⅞ inch turned steel bearings. The carriers have a large flaring mouth to receive the fork pulley when approaching from any direction. The swinging fork pulley is a decided advantage in drawing hay into a well filled mow or over a beam.

The locking device is composed of three pieces and is so arranged as to grasp the fork on both sides of the frame.

HAY CARRIERS AND PULLEYS.

MYERS' CABLE OR ROD HAY CARRIERS.



Showing an Enlarged View of the Swinging Knocker or Stop Block as Used on the Cable Carrier.

No. 1043—Hay carriers, for cable or rod track, malleable iron, aluminum finish, with ⅞ in. turned steel axles, w't 31 lbs.....each $7.00

No. 431—Single cable clamps, 2 pieces, bolted, easily removed, w't per doz. 9 lbs.....per dozen 2.75

No. 432—Double cable clamps, 2 pieces, bolted, w't per doz. 15 lbs.....per dozen 3.75

The knocker is one of the special features of this machine. It is so arranged that it swings loose on the track, and stands immediately under the cable, under any and all circumstances. It is held to the cable by means of a steel sleeve through which the cable passes. The sleeve is attached to the knocker by means of two bolts, and can be removed at any time without taking down the cable. The knocker is located at any desired point on the cable by means of an ordinary cable clamp.

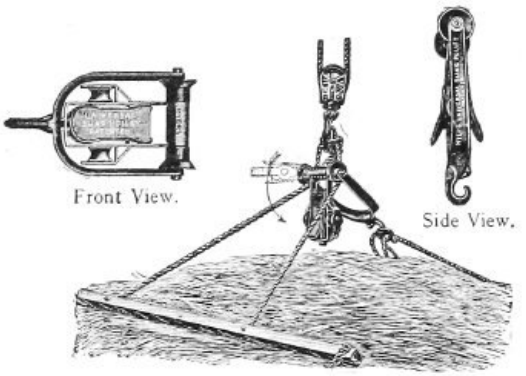
AN AVERAGE OUTFIT CONSISTS OF ONE CABLE CARRIER, ONE HAY FORK, 150 FT. ½ IN. GALVANIZED CABLE, TWO SINGLE CABLE CLAMPS, TWO DOUBLE CABLE CLAMPS, TWO ⅝×10 IN. CARRIAGE BOLTS FOR SECURING POLES TOGETHER, 130 FT. ¾ IN. MANILA ROPE, TWO PULLEYS AND FOUR POLES 4×4 IN. ×30 FT. LONG.

Cable.

Cable, ½ in. 7 strand, galvanized, w't per ft. ½ lb.....per foot $0.05

SLING PULLEYS.

Showing Pulley with Fork Approaching.



Showing Pulley after Load Has Been Compressed.

No. 1052—MYER'S UNIVERSAL, malleable iron, reversible, w't 10 lbs.....each $3.00

Can be used with any make of hay carrier without a change of fork pulley or using a registering head. It is so arranged that it cannot be misplaced on the load as it can be used either side up and in connection with any shape or style of fork pulley.

With this sling attachment the hay is deposited in the mow in the same relative position as on the wagon, and not crosswise as on many sling carriers.

No. 806. Sling Pulley, Locked Together.

No. 806. Sling Pulley, Spread Apart.

No. 806—MYERS', malleable iron, self-locking, with registering head for any make carrier (in ordering give number of registering head), w't 10 lbs.....each $3.00

Registering Heads.

RH1. RH3. RH6. RH10. RH14. RH16. RH19. RH276.

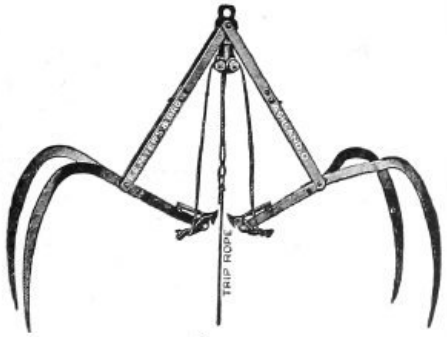
Registering heads, No. 1 for Louden hay carrier, No. 3 for Star hay carrier, No. 6 for Porter hay carrier, No. 10 for Nye and Superior hay carrier, No. 14 for Myers' O. K. hay carrier, No. 16 for Myers' combination hay carrier, and No. 19 for Haymaker, Imperial, and Myers' single rail hay carriers, No. 276 for Myers' new style hay carriers.

HAYING TOOLS.

HAY FORKS.

Nos. 1 and 2. No. 3.

No. 1—Harpoon, double point, *25 in.* spring steel tines, w't 16½ lbs....each $1.60
No. 2—Harpoon, double point, *31 in.* spring steel tines, w't 18½ lbs...each 2.00
No. 3—Nellis, harpoon, single point, spring steel, w't 11 lbs.....each 3.00

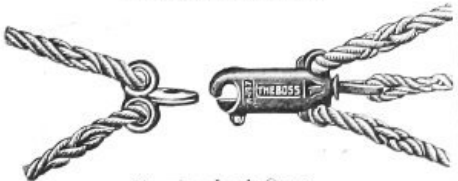


Open.

No. 617—Myers', automatic grapple, tines and arms of high carbon spring steel, locks of best annealed malleable iron, 4 tines, double grapple, spreads 68 in., w't 34 lbs.....each $7.00
No. 619—6 tines, triple grapple, w't 51 lbs., otherwise same as No. 617...each 8.50

CENTER TRIP SPRING LOCKS.

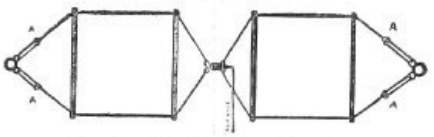
Showing Lock Closed.



Showing Lock Open.

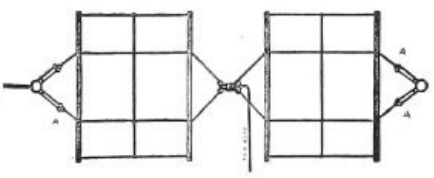
No. 622—Myers', malleable iron, 3 pieces, w't 1½ lbs.....each $1.00
This lock is simple and strong, trips easily under all circumstances, and is absolutely impossible to misplace.

CENTER TRIP ADJUSTABLE SLINGS.



Showing No. 620 Sling Complete.

No. 620—Myers' Pattern, 4 ft. seasoned ash cross bars, malleable iron center trip spring lock, ½ in. loose twist ropes, adjustable from 17 to 20 ft., w't 20 lbs., each..... $3.20
No. 625—5 ft. cross bars, otherwise same as No. 620, w't 23 lbs.....each 3.80

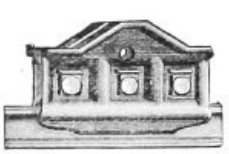


Showing No. 621 Sling Complete.

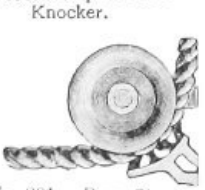
No. 621—Utah Pattern, 6 ft. seasoned ash cross bars, Myers' center trip spring lock, ½ in. ropes, *extra end and center ropes*, adjustable from 17 to 20 ft., w't 26½ lbs.....each $5.00
The ropes are fitted with adjustable take-ups at either end, allowing the length of the sling to be varied from 17 to 20 feet. Any number of slings can be used on a load, depending on the size and number of bundles to the load.

HAY CARRIER EXTRAS.

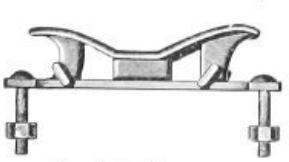
No. H50. Fork Pulley, Complete.



No. 103. Stop Block or Knocker.



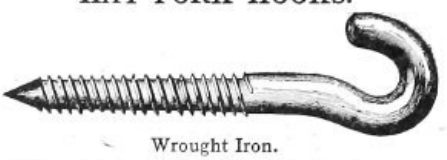
No. 201. Rope Sheave.



No. 104. Knocker.

No. H50—Fork Pulleys, complete, for Myers' old style hay carriers, w't 3¼ lbs., each..... $1.00
No. 103—Stop Blocks or Knockers, for Myers' single steel track hay carriers, each..... .50
No. 104—Extra Knockers or Trip Blocks, for Myers' Clover Leaf steel or wood track and Imperial hay carriers.....each .50
No. 201—Rope Sheaves, with bushings for Myers' old style hay carriers...each .40
No. H258—Rope Sheaves, for Myers' new style hay carriers.....each .40

HAY FORK HOOKS.



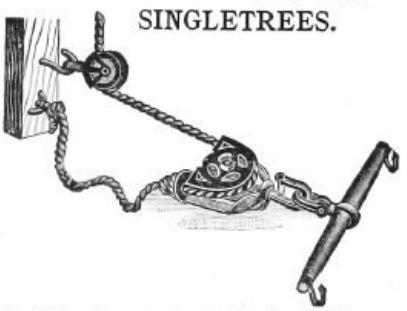
Wrought Iron.

No. 50—⅝×7 in., w't per doz. 8 lbs., per dozen..... $1.20
No. 60—¾×8 in., w't per doz. 16 lbs., per dozen..... 1.40

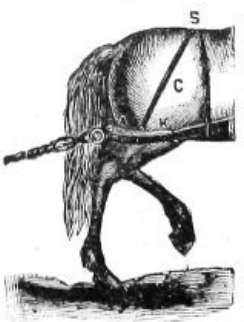
MYER'S ROPE HITCHES.

No. 376—Malleable iron, swivel hook, w't per doz. 15 lbs.....per dozen $3.20
The rope can be released from whiffletree instantly with this hitch. The hitch can be shortened to any desired length by drawing on the end of the rope. A twist in rope is removed by means of swivel, instead of going to the end to affect the working of the carrier.

SNATCH BLOCKS AND SINGLETREES.



No. 628—Myers' Snatch Blocks, malleable iron, w't per doz. 48 lbs., per dozen..... $11.00
This device shortens the distance the horse travels, without reducing the elevating power.



No. 472—Myers' Hoisting Singletrees, wood, with malleable iron attachment, w't 6½ lbs.....per dozen $19.20
A very convenient article. It prevents the whiffletree from dragging on the horse's heels.

HAY FORK PULLEYS.

No. 36—6 in. maple wheel dipped in hot oil, 1 in. loose pin, heavily ribbed cast iron frame, "pass knot," swivel, w't per doz. 48 lbs.....per dozen $4.00
Extra Wood Wheels.... " 1.50

Nc 15—5½ in iron wheel, ¾ in. bearing swivel frame reinforced with heavy ribs on edge and center, w't per doz. 43 lbs., per dozen..... $3.20

No. 26—6 in. maple wheel, 1⅛ in. loose pin, cast iron frame, swivel, w't per doz. 36 lbs.,per dozen $3.20
Extra Wood Wheels..... " 1.50

No. 046—Reed's pattern, 4½ in. wood wheel, hollow axle, wrought iron strap, forged steel hook, riveted hardwood shell, swivel, self-lubricating, w't per doz. 35 lbs.....per dozen $4.00
ONE DOZEN IN A BUNDLE.

No. 1133—"O.K.," plain, 6 in. maple wheel dipped in hot oil, heavily ribbed cast iron frame, 1⅛ in. loose pin, swivel, w't per doz. 42 lbs.....per dozen $4.00

No. 1120—"O.K.," pass knot, 6 in. maple wheel dipped in hot oil, heavily ribbed cast iron frame, 1 in. loose pin, swivel, w't per doz. 56 lbs.....per dozen $5.00

The sheaves in Nos. 1133 and 1120 are made of hard maple dipped in oil. The frames are heavy ribbed, made in two separate halves riveted together at the swivel eye. The frame follows the rim of the sheave to a point nearly opposite the axle and is flanged out from the edge of the pulley so as to form an easy approach for the rope. This not only gives great strength to the pulley, but prevents the wearing of the rope in drawing over the side of the frame.

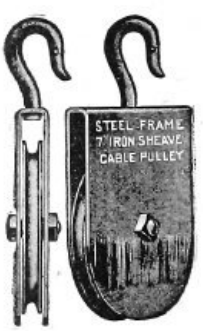
No. 189—Derrick, 1½ in. hard maple frame, wood wheel, steel yoke and hook, w't per doz. 56 lbs.....per dozen $8.00

The frame of this pulley is wider than the sheave, so as to allow two pulleys to be used together, the one sheave not interfering with the other. This is an extra heavy pulley intended for heavy work.

For Myers' New Style Hay Carriers.

No. H254—4¼ in. wheel, malleable iron frame extending around entire surface of sheave, malleable iron clevis, steel bolt, swivel, w't per doz. 43½ lbs...per dozen $12.00

This pulley is especially designed for rough usage. The frame is made in two pieces riveted together at swivel eye. The frame extending entirely around the sheave is a great protection to the rope.



No. 1062—For ⅜ or ½ in. wire cable, 7 in. iron wheel, high carbon steel frame, steel bushing, w't per doz. 80 lbs., per dozen..... $14.20

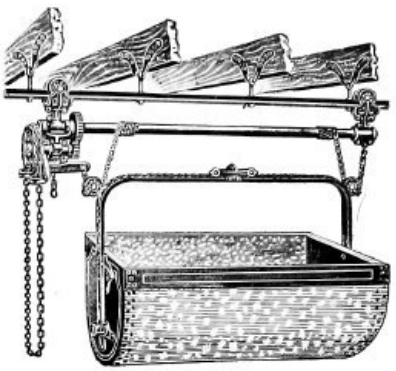
The iron sheave revolves on a steel bushing and a heavy machine bolt passes through the bushing, making it very strong and durable.

LITTER CARRIERS AND PARTS.*

This carrier is practical and convenient and will do a great amount of work.

Construct cn. The carrier is of heavy malleable iron a d the tub of galvanized iron, with double thick cross grained wood ends. The trucks have two tracker wheels each which give the carrier a double thread on the track and are run on hardened steel axles. The revolving shaft on which the supporting chains wind is supported at four points, being a very important feature, as other makes of litter carriers are supported at only two points. The span of each swivel truck is 11 in. and the entire length of the shaft is 60 in. The construction of the tub makes it possible to carry a larger load than a square or any other shaped tub, and it is self-cleaning when dumped.

The tub is supported by a frame of 1½ in. heavy channel steel, and is neatly painted and decorated.



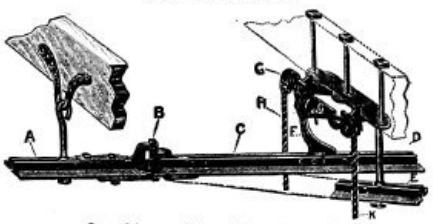
Operation. An endless chain which runs over the main drive wheel at the end of the carrier is the means of raising the tub, and it is lowered by pulling the trip chain, which releases the ratchet allowing the tub to freely descend to any desired point. The tub will descend of its own weight. Additional pressure on the trip chain acts as a brake on the shaft, giving the operator complete control of the speed.

A removable section, which allows the door of the barn to be closed, where the double angle track is used, is a necessity and must be used in order to close the barn door.

Feed Tub. A Litter Carrier can instantly be converted into a Feed Carrier, by removing the Litter Tub and supplementing a Feed Tub, which is fully described below.

No. 390—Litter Carrier, complete with No. 2 tub, 26 in. wide, 41 in. long and 14 in. deep, w't 90 lbs.★.....each $32.00
No. 391—Litter Carrier, complete with No. 4 tub, 26 in. wide, 41 in. long and 17 in. deep, w't 95 lbs.★..... " 34.00
No. 392—Litter Carrier, complete with No. 6 tub, 26 in. wide, 41 in. long and 19 in. deep, w't 100 lbs.★..... " 36.00
No. 400—Feed Carrier, same as the No. 390 Litter Carrier except that the Feed Tub is used instead of the Litter Tub, size of Feed Tub, 67 in. long, 22 in. high and 25 in. wide, capacity 10 bushels, w't 110 lbs.....each 38.00

SWITCHES.

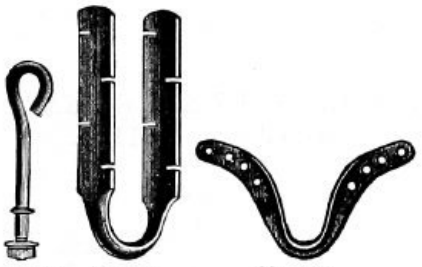


Cut Shows Two-Way Switch.

No. 501—Two-way switch, w't complete 7 lbs.★.....each $3.00
No. 502—Three-way switch, w't complete 8 lbs.★.....each 4.00

The switch piece "C" is hinged to the main track "A," and by pulling on the cords "H" and "K" the switch can be transferred over the switch plate "G" and the Carrier run onto track "E" or "D" as required. The switch is locked in place on the track by the latch "F." It can be operated from below, no matter how high the track may be hung. The operation of the three-way switch is the same as the two-way except that the hinged portion "C" connects with three different sections of track so that the carrier may be run in three different directions from the main line "A."

HANGERS AND BRACKETS.



No. 503. No. 504. No. 505.

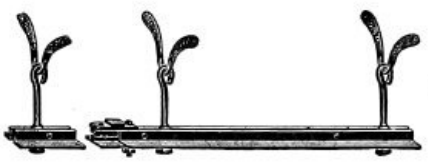
No. 503 Hanger, Used to Support Track to Joist Bracket.

Sizes	6★	11★	13★	15★ in.
W't per doz...	4¼	7	8	9 lbs.
Per dozen $1.50	2.50	2.70	2.90	

No. 504—Ridge pole hanger, used on 2 in. joist or ridge pole, by driving a nail in each slot it is secure enough to support any track, w't per doz. 5½ lbs.,★ per dozen..... $0.70

No. 505—Joist bracket, for supporting track to joist, w't per doz. 4½ lbs.,★ per dozen..... .70

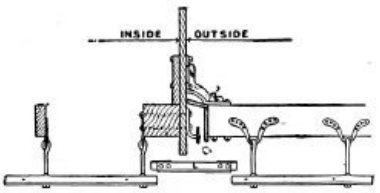
DOUBLE ANGLE TRACK.



No. 499—Made of two pieces of ⅞ in. angle steel, riveted together, supported by steel hangers which can be placed to accommodate the joists, w't per ft. 1½ lbs. ★.....per foot $0.18

Hangers and brackets, shown in cut, are not furnished with the track.

REMOVABLE SECTIONS.



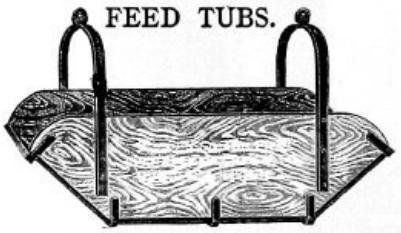
Piece marked L, illustrates the removable section.

No. 506—Used on double angle track, is very simple and the only means of closing the barn door, can be removed or replaced instantly, w't 2½ lbs.★ each $0.80

WALL BRACKETS.

No. 507 — Used to secure ridge pole to the barn, is shaped so as to allow the door to close without striking, w't 6 lbs.★.....each $1.20

FEED TUBS.

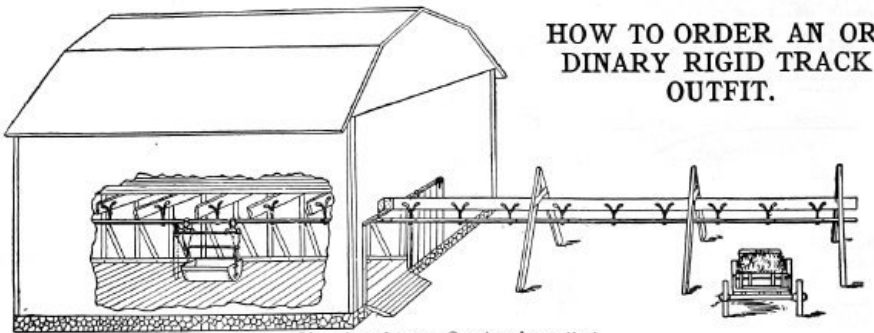


No. 508—W't 50 lbs.★.....each $19 00

This tub is furnished with the No. 400 Feed Carrier. It is made of hard wood and bound with heavy galvanized iron bands. The length over all is 67 in., width 25 in., height 22 in. with a capacity of 10 bushels.

The ends and bottom are of galvanized iron, making it easy to shovel and to dump. The bail is so constructed as to permit the greatest freedom in shoveling, being oval at the top.

HOW TO ORDER AN ORDINARY RIGID TRACK OUTFIT.



Showing Litter Carrier Installed.

1 only No. 390 Litter Carrier, 100 ft. No. 499 D. A. Track, 67 only No. 505 Joist Brackets, 67 only No. 503 Hangers, 1 only No. 507 Wall Bracket, 1 only No. 506 Removable section, if a two-way switch is required, order 1 only No. 501 Switch, if a three-way, 1 only No. 502 Switch.

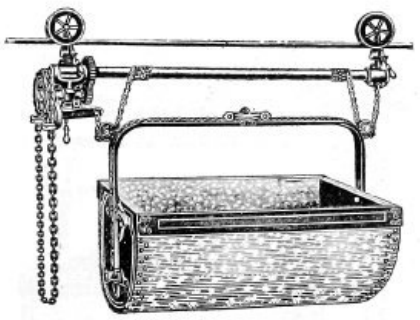
★*FOR FACTORY SHIPMENT ONLY.*

LITTER CARRIERS AND PARTS.*

We illustrate here another style of Litter Carrier, run on rod track instead of double angle track. The construction of the carrier is the same as the one shown on the previous page, except that the swivel trucks have a 6 in. tracker wheel each, while the double angle track carriers have two wheels to each truck.

Automatic spring keepers, which prevent the carrier from jumping the track are fitted to the trucks, which also takes care of the carriers at the switches and curves.

A very important feature of this style of Litter Carrier is the **Automatic tripping and returning device.** It is very simple in construction and absolutely positive in action, only being necessary for the operator to give the carrier a good steady shove which will send it out into the yard a hundred feet or more. When it reaches the tripping device (which can be arranged at any desired point) it dumps the tub and automatically returns it to the barn. Furnished free with every Rod Track outfit, it cannot get out of position, and never fails to work.



The Rod Track is of special drawn wire of the No. 0000 size, which is especially adapted to meet the requirements for Litter Carrier outfits.

The Litter Tub is the same in construction as the one shown on the previous page. The Feed Tub (as furnished with the No. 400 Feed Carrier can also be used on this style of carrier.

No stockman or farmer should be without one of either of these carriers installed in his barn. As a labor saving device they are incomparable and many steps are saved by their use.

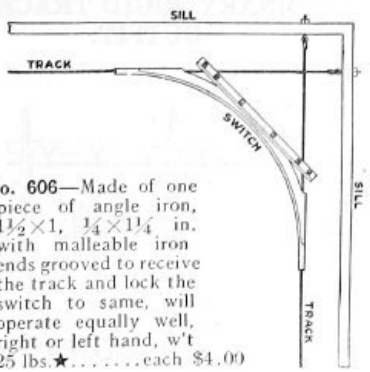
No. 490—Litter Carrier, complete with No. 2 tub, 26 in. wide, 41 in. long and 14 in. deep, w't 90 lbs.★.....each $34.00
No. 500—Feed Carrier, complete with feed tub shown on previous page, w't 110 lbs.★..... " 38.00

TRIPPING AND RETURNING DEVICES.

No. 600—W't 4 lbs.★.....each $4.00

The above illustration shows the manner in which the tubs are dumped and the carrier returned. When the Carrier reaches the trip, the tripping jaws "B" engage the chain above the trip casting "A" and at the same time the chain is drawn over the truck frame under the wheel which raises the trip casting, which in turn raises the trip jaws "B" which operate the trip latch "C" and dump the Tub. It will also be seen that the momentum of the Carrier will compress the spring "D," below the trip casting, thus checking the Carrier and automatically starting it back to the barn without any danger of its leaving the track. The trip casting "A" can be adjusted to any height on the chain which supports it.

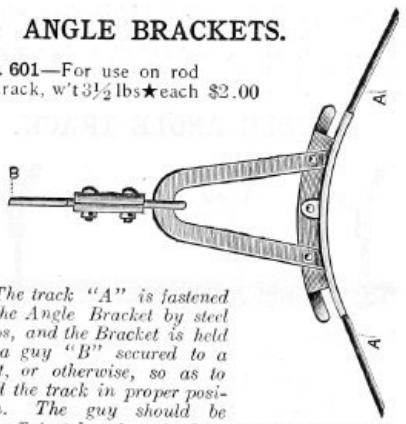
ROD TRACK SWITCHES.



No. 606—Made of one piece of angle iron, 1½×1, ¾×1¼ in. with malleable iron ends grooved to receive the track and lock the switch to same, will operate equally well, right or left hand, w't 25 lbs.★.....each $4.00

ANGLE BRACKETS.

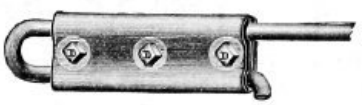
No. 601—For use on rod track, w't 3½ lbs★each $2.00



The track "A" is fastened to the Angle Bracket by steel clips, and the Bracket is held by a guy "B" secured to a post, or otherwise, so as to hold the track in proper position. The guy should be of sufficient length to freely raise and lower with the track. A certain amount of guy rod "B" will be required, depending on the distance to the support by which the Bracket is held. A tension bolt should be also used on the end of the guy rod. Neither the tension bolt nor guy rod are included in the price of the Bracket. (See below.)

No. 602—⅞ in. tension bolt★.....each $1.00
No. 603—Guy rod★.....per foot .10

LOOP CLAMPS.

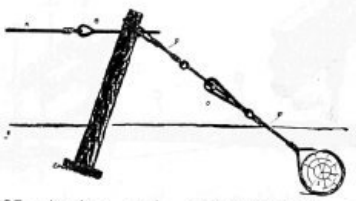


No. 608—Used to form a loop in the end of rod track, w't 1¾ lbs★.....each $1.00

ROD TRACK.

No. 607—Size 0000, w't per 100 ft. 42 lbs.,★ per hundred feet..... $5.50

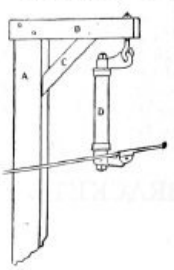
ANCHOR RODS AND TURNBUCKLES.



No. 605—Anchor rod and turnbuckle complete, w't 15 lbs.★.....each $4.00

It is very important for the successful working of a rod track outfit that the ends of the track be properly secured. By the use of this device the track will not sag or get out of shape.

SPRING TRACK SUPPORTS.

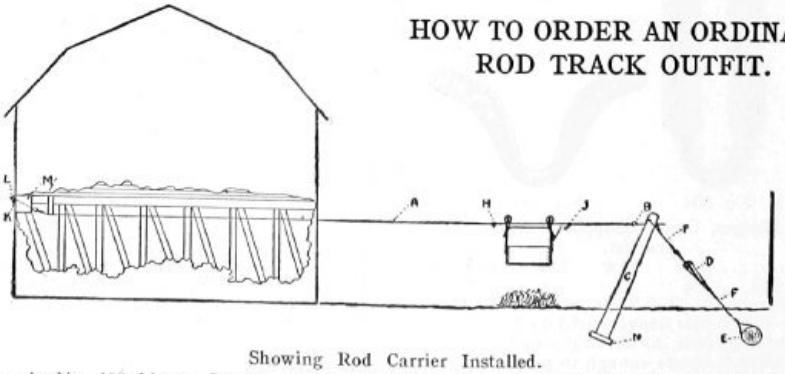


For Outside of Barn.

No. 604—Should be used when track runs more than 100 ft. at a distance of every 50 ft. of track. w't 8¼ lbs★ each $3.00

The arm "B" should be 2 ft. long between the post "A" and the bolt for suspending track support. The post "A" must be well anchored.

HOW TO ORDER AN ORDINARY ROD TRACK OUTFIT.



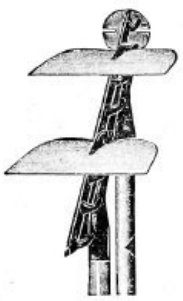
Showing Rod Carrier Installed.

1 only No. 490 Litter Carrier, 100 ft. No. 607 Rod Track, 2 only No. 602 Tension Bolts, 1 only No. 605 Anchor Rod and Turnbuckle, 1 only No. 604 Spring Track Support, (when more than 100 ft. of track is used, order one support for each additional 50 ft.), where it is necessary to run track to one side of a direct line, specify 1 only No. 601 Angle Bracket, 1 only No. 606 Rod Track Switch (when necessary).

★*FOR FACTORY SHIPMENT ONLY.*

TOOL RACKS AND TOOL BRACKETS.

TOOL BRACKETS.



No. 23.

No. 22.

No. 21.

No. 3.

Hager's, Malleable Iron, Japanned, Cast in One Piece.

No. 23—1 arm, 17 in. long, with 4 in. back to fasten on wall, for 8 hoes, weight per dozen 18 lbs., - - - - per dozen $7.50
No. 22—11×12 in., for 8 forks or shovels, both long and "D" handle, weight per dozen 40 lbs., - - - - " 9.00
No. 21—11×15 in., for 8 rakes or manure hooks, weight per dozen 40 lbs., - - - - - - - - - " 9.00

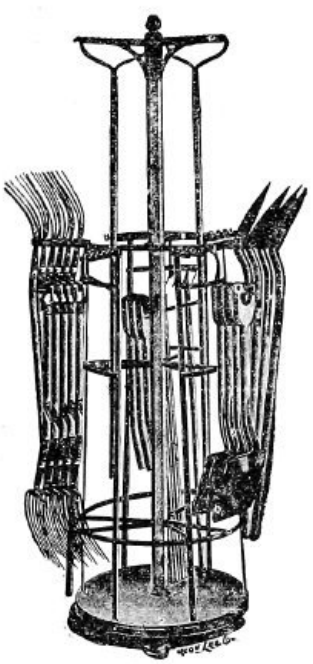
Nos. 1 and 2.

Cast Iron, Japanned.

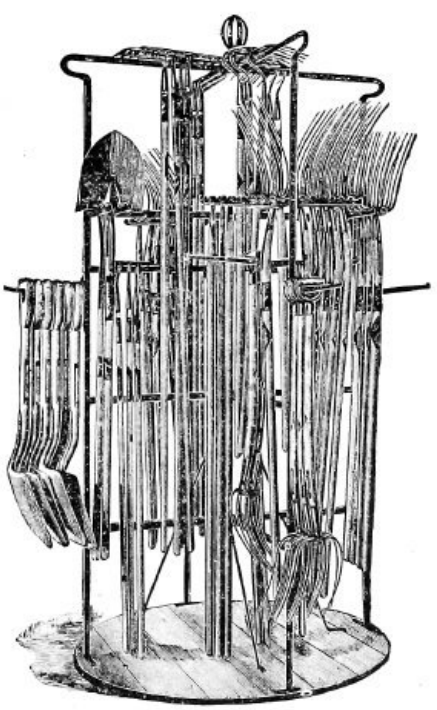
No. 3—For 10 rakes, 18 in. projection, w't per doz. 48 lbs., - - - - - - - - - - - - per dozen $8.00
No. 1—For 6 shovels, spades or scoops, 12 in. projection, w't per doz. 48 lbs., - - - - - - - - " 8.00
No. 2—For 8 hay or manure forks, 12 in. projection, w't per doz. 42 lbs., - - - - - - - - - " 7.00

Will not interfere with each other in taking down.

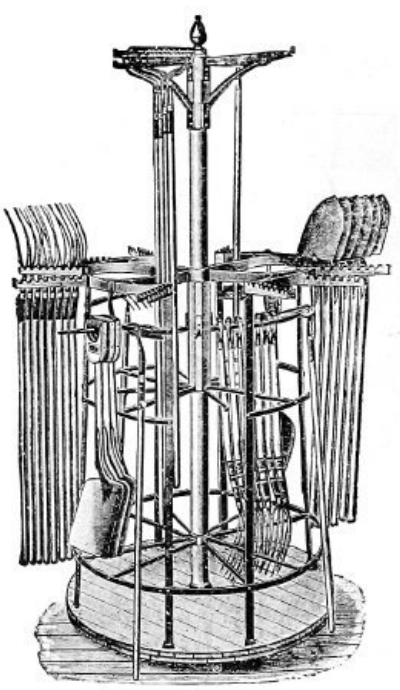
AGRICULTURAL TOOL RACKS.



Nos. 2 and 2R.



No. 01.



No. 1.

No. 2—Iron frame, wood platform with casters, iron work japanned, balance painted bright red, diameter of platform 2½ ft., extreme outside diameter at fork brackets, 3 ft. 10 in., height 8 ft., holds 124 tools and handles, tools not included, weight 125 lbs., each $20.00
No. 2R—Revolving, otherwise same as No. 2, weight 150 lbs., - - - - - - - - - - - - - - " 22.00
No. 01—Iron frame, wood platform with casters, iron work japanned, outside diameter at fork brackets 4 ft., height 7 ft. 4 in., holds 218 tools and handles, tools not included, weight 175 lbs., - - - - - - - - - each 22.00
No. 1—Iron frame, wood platform with casters, iron work japanned, balance painted bright red, diameter of platform 4 ft., extreme outside diameter at fork brackets 5½ ft., height 8 ft., holds 292 assorted tools and handles, tools not included, weight 250 lbs., each, - 30.00

The shovel and fork brackets slip into a dovetail groove on the rack and can be interchanged at will.

SHIPPED KNOCKED DOWN.

CORN KNIVES.

No. 4—CLIPPER, 17 in. cast steel blade, light, painted red, shank run through handle and riveted, w't per doz. 15 lbs., - - - - - - - - per dozen $3.00

No. 1—CLIPPER, 18 in. cast steel blade, painted red, shank run through handle and riveted, w't per doz. 17 lbs., per dozen, - - - - - - - - - 3.50

ONE DOZEN IN A PACKAGE.

No. 65—"REV-O-NOC RUGGED RAZOR," heavy concave blade, hand forged from tool steel, carefully oil tempered and ground, beaded hardwood handle which will not turn in the hand, steel ferrule, riveted tang, length 23 in., w't per doz 15 lbs., - - - - - - per dozen $4.00

ONE DOZEN IN A PACKAGE.

No. 10—EARL'S, extra tool steel, heavy ribbed blade, polished one side, single bevel, hardwood handle, steel ferrule, riveted tang, length 23 in., w't per doz. 17 lbs., per dozen $6.00

ONE DOZEN IN A PACKAGE.

No. 5—"REV-O-NOC," special steel, polished cast steel blade, knife edge, w't per doz. 14 lbs., - - per dozen $4.50

ONE DOZEN IN A BOX.

No. 6—DAMASCUS, 15 in. crucible steel blade, forged finish, w't per doz. 16 lbs., - - - - - per dozen $5.00

ONE DOZEN IN A WOOD BOX.

No. 7—"REV-O-NOC," 15 in. crucible steel blade, polished, w't per doz. 16 lbs., - - - - - - per dozen $4.00

ONE DOZEN IN A WOOD BOX.

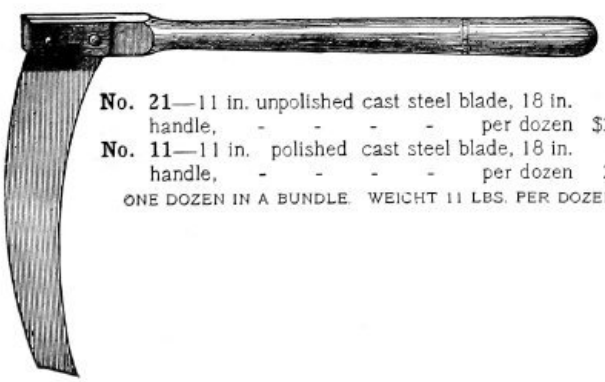
No. 2—DISSTON'S, 15 in. polished cast steel blade, w't per doz. 13 lbs., - - - - - - per dozen $5.50

ONE DOZEN IN A PACKAGE.

No. 3—DISSTON'S, 15 in. polished cast steel blade, w't per doz. 12 lbs., - - - - - - per dozen $5.50

ONE DOZEN IN A PACKAGE.

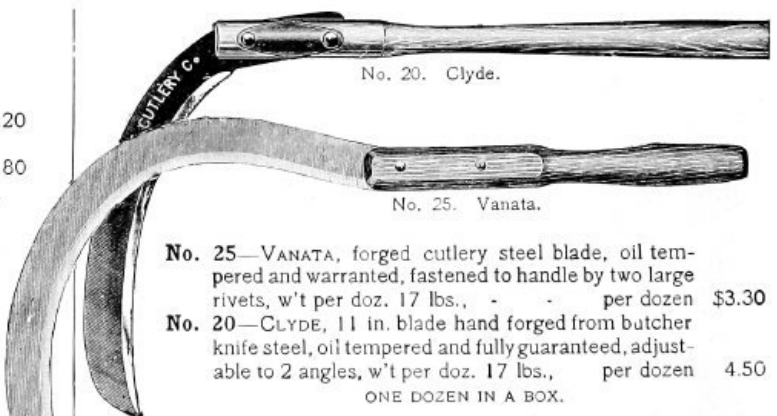
CORN HOOKS.



No. 21—11 in. unpolished cast steel blade, 18 in. handle, - - - - - per dozen $2.20

No. 11—11 in. polished cast steel blade, 18 in. handle, - - - - - per dozen 2.80

ONE DOZEN IN A BUNDLE. WEICHT 11 LBS. PER DOZEN.



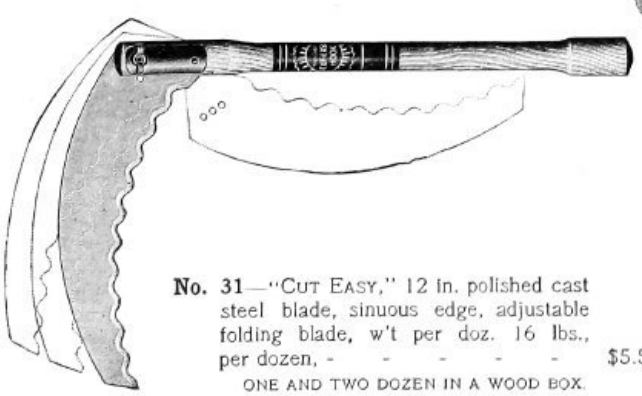
No. 20. Clyde.

No. 25. Vanata.

No. 25—VANATA, forged cutlery steel blade, oil tempered and warranted, fastened to handle by two large rivets, w't per doz. 17 lbs., - - per dozen $3.30

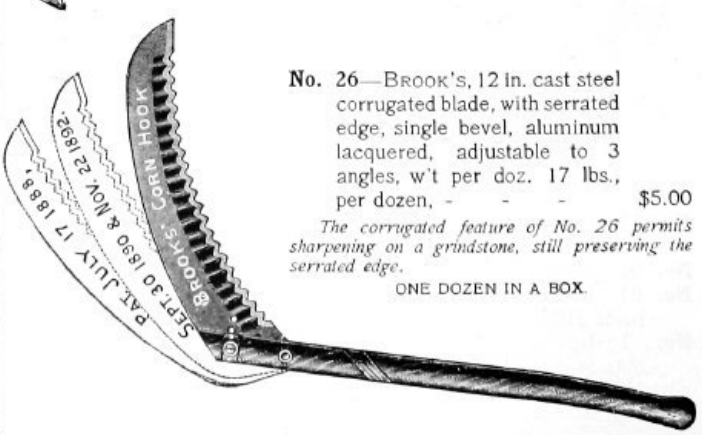
No. 20—CLYDE, 11 in. blade hand forged from butcher knife steel, oil tempered and fully guaranteed, adjustable to 2 angles, w't per doz. 17 lbs., per dozen 4.50

ONE DOZEN IN A BOX.



No. 31—"CUT EASY," 12 in. polished cast steel blade, sinuous edge, adjustable folding blade, w't per doz. 16 lbs., per dozen, - - - - - $5.50

ONE AND TWO DOZEN IN A WOOD BOX.



No. 26—BROOK'S, 12 in. cast steel corrugated blade, with serrated edge, single bevel, aluminum lacquered, adjustable to 3 angles, w't per doz. 17 lbs., per dozen, - - - $5.00

The corrugated feature of No. 26 permits sharpening on a grindstone, still preserving the serrated edge.

ONE DOZEN IN A BOX.

HEDGE KNIVES.

No. 10—DISSTON'S, 17 in. extra heavy polished cast steel blade, 3 rivets, 7 in. handle, weight per dozen 15 lbs., - per dozen $6.50

ONE DOZEN IN A BOX.

No. 22—AJAX, 18 in. heavy cast steel blade, painted green, riveted to handle, steel ferrule, entire length 38 in., weight per dozen 42 lbs., per dozen, - $12.00

ONE DOZEN IN A CASE.

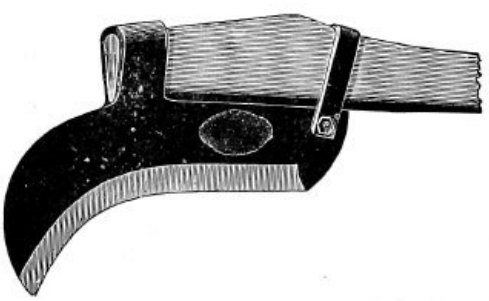
No. 12—AJAX, 16 in. heavy cast steel blade, hand hammered, natural finish, riveted to handle, steel ferrule, entire length 36 in., weight per dozen 43 lbs., - per dozen $12.00

ONE DOZEN IN A CASE.

No. 11—AJAX, 18 in. extra heavy cast steel blade, full polished special handle, heavy steel ferrule, entire length 44 in., weight per dozen 54 lbs., - per dozen $17.00

ONE DOZEN IN A CASE.

BUSH HOOKS.



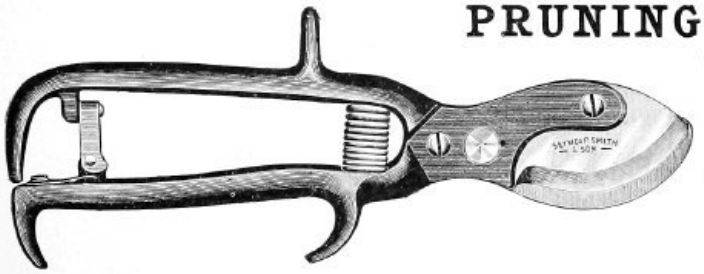
No. 1—10½ in. light cast steel blade, gold bronzed, 36 in. axe handle, weight per dozen 35 lbs., - - - - per dozen $13.00
No. 2—13 in. heavy cast steel blade, gold bronzed, 36 in. axe handle, weight per dozen 51 lbs., - - - - " 16.00

ONE DOZEN IN A CASE.

No. 3—Hamilton pattern, 9½ in. heavy cast steel blade, full polished, heavy steel ferrule, riveted shank, 36 in. sledge handle, weight per dozen 33 lbs., - per dozen $13.00

ONE DOZEN IN A CASE.

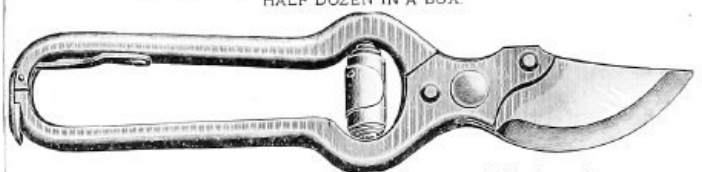
PRUNING SHEARS.



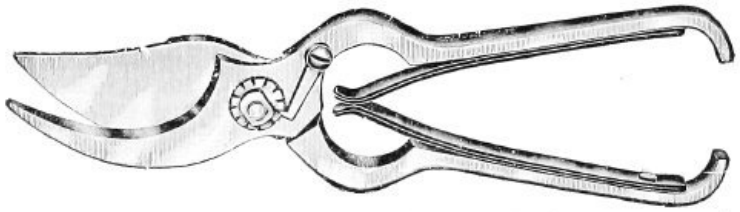
No. 14—Henry pattern, improved, cast steel blade, japanned malleable iron handles, coiled brass spring, length 8¼ in., w't per doz. 10 lbs., - - - - per dozen $6.00
HALF DOZEN IN A BOX.

No. 012—Henry pattern, improved, cast steel blade, japanned *malleable* iron handles, volute steel spring, length 8¼ in., w't per doz. 10 lbs., - - - - per dozen $6.50
No. 12—Henry pattern, improved, cast steel blade, japanned *malleable* iron handles, volute steel spring, length 8¼ in., w't per doz. 10 lbs., - - - - per dozen 7.50
HALF DOZEN IN A BOX.

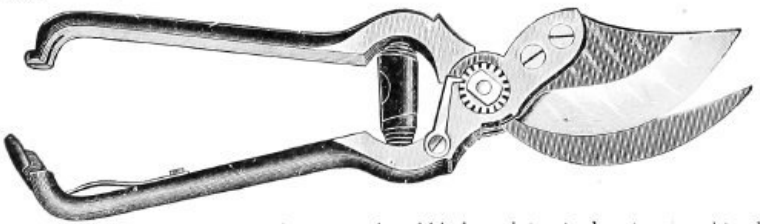
No. 0—Cast steel blade, japanned *cast iron* handles, coiled brass spring, length 9 in., w't per doz. 10 lbs., per dozen $3.75
No. 01—Cast steel blade, japanned *malleable* iron handles, coiled brass spring, length 9 in., w't per doz. 10 lbs., per dozen 4.50
HALF DOZEN IN A BOX.



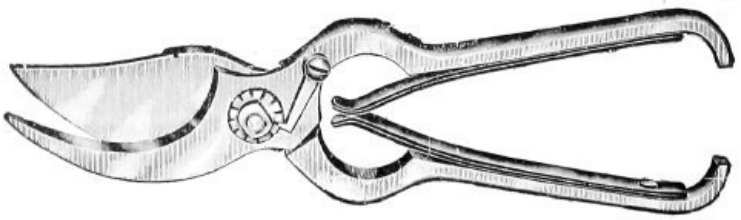
No. 109— 9 in., California pattern, cast steel blade, volute steel spring, w't per doz. 12 lbs., - - per dozen $ 9.00
No. 110—10 in., California pattern, cast steel blade, volute steel spring, w't per doz. 13 lbs., - - per dozen 11.00
HALF DOZEN IN A BOX.



No. 120—EXCELSIOR, 9 in., California pattern, extra tool steel, full polished, long double brass spring, combined ratchet and nut, warranted, weight per dozen 14 lbs., - - - - - - - - - - - - - - - - per dozen $13.50



No. 130—CHIEFTAIN, 9 in., California pattern, extra tool steel, straw colored blade, volute steel spring, combined ratchet and nut, weight per dozen 14 lbs., - - - - - - - - - - - - - - - - per dozen $16.00

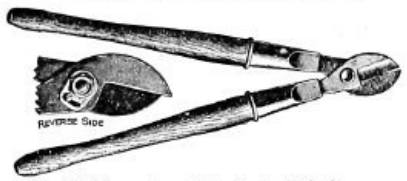


No. 148 —"O. V. B.," 8 in., Rieser pattern, extra tool steel, full polished, long double brass spring, combined ratchet and nut, an extra blade with each shear, fully warranted, weight per dozen 12 lbs., - - - - - - - - - per dozen $28.00
No. 148½—"O. V. B.," 8½ in., otherwise same as No. 148, weight per dozen 13 lbs., - - - - - " 30.00
No. 149 —"O. V. B.," 9 in., otherwise same as No. 148, weight per dozen 14½ lbs., - - - - - " 32.00
ONE-QUARTER DOZEN IN A BOX.

PRUNING SHEARS, BEET KNIVES AND TOBACCO SPUDS.

PRUNING SHEARS.

No. 9½—2 in. cut, polished cast steel blade, riveted, polished steel ferrules, hardwood handles, length over all 26 in., w't per doz. 31 lbs., per dozen $15.00



No. 11—2½ in. cut, polished steel blade, bolted, polished steel ferrules, hardwood handles, length over all 36 in., w't per doz. 42 lbs..... per dozen $21.00

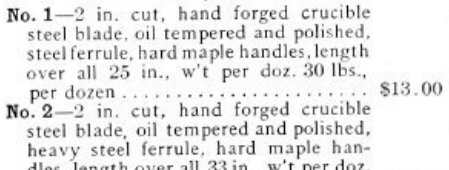
"Our Very Best."

No. 151 CVB—Blade and hook forged from special analysis tool steel, oil hardened and tempered, scientifically ground, 4 in. reinforced ferrules, full polished, case-hardened bolt with ratchet nut allowing delicate adjustment, *fully warranted*, 20 in. handles, length over all 26 in., w't per doz. 49 lbs., per dozen $27.00

No. 152 CVB—26 in. handles, length over all 32 in., otherwise same as No. 151, w't per doz. 62 lbs.....per dozen 27.50

No. 1—2 in. cut, hand forged crucible steel blade, oil tempered and polished, steel ferrule, hard maple handles, length over all 25 in., w't per doz. 30 lbs., per dozen $13.00

No. 2—2 in. cut, hand forged crucible steel blade, oil tempered and polished, heavy steel ferrule, hard maple handles, length over all 33 in., w't per doz. 40 lbs..... per dozen 16.00



No. 3—Draw cut, polished blade, 3 in. cut, hand forged crucible steel, oil tempered and polished, steel ferrules, maple handles, length over all 30 in., w't per doz. 45 lbs.....per dozen $30.00

No. 4—Draw cut, polished blade, 3½ in. cut, hand forged crucible steel, oil tempered and polished, steel ferrule, maple handles, length over all 32 in., w't per doz. 55 lbs.....per dozen 35.00

Nos. 3 and 4 have positive draw or sliding cut of vast advantage to the operator.

ONE DOZEN IN A CASE.

HEDGE SHEARS.

Arthur Lee's Ladies' Pattern, Steel Laid Blade, Polished, Brass Ferrule, Maple Handles.

No. 107—5½ in. cut, w't per pair 1½ lbs., per pair..... $1.75

ONE PAIR IN A PACKAGE.

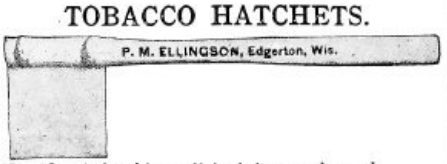
Arthur Lee's Regular Pattern Steel Laid Blade, Polished, Notched, Polished Steel Ferrule, Maple Handles.

No. 101—Cut..	8	9	10 in.
W't per pair..	3	3¼	3½ lbs.
Per pair.....	$1.88	2.25	2.63

The blade is notched near the rivet to hold and cut large branches.

ONE PAIR IN A PACKAGE.

TOBACCO HATCHETS.



No. 12—4 in. bit, polished inserted steel blade, securely bolted to handle, length of handle 18 in., w't per doz. 8½ lbs., per dozen..... $5.50

BEET KNIVES.

No. 10—9 in. blade, forged from 11 gauge steel, oil tempered, satinwood handle, securely riveted, w't per doz. 10 lbs., per dozen..... $7.00

No. 11—9 in. blade, forged from 14 gauge steel, otherwise same as No. 10, w't per doz. 8 lbs.....per dozen 5.50

HALF DOZEN IN A BOX.

No. 163—12 in. cast steel blade, oil tempered, beechwood handle, securely riveted, w't per doz. 10 lbs...per dozen $7.00

HALF DOZEN IN A BOX.

No. 12—10¾ in. blade, forged from 14 gauge steel, beech handle, through tang, w't per doz. 8½ lbs....per dozen $6.50

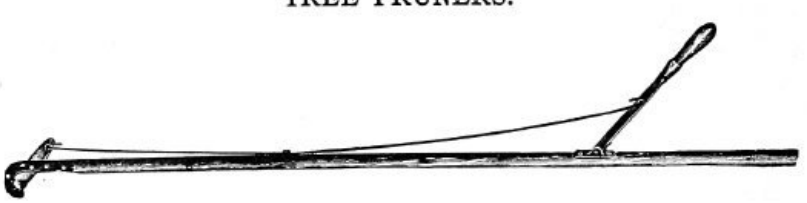
HALF DOZEN IN A BOX.

TOBACCO SPUDS.

No. 3—Wisconsin pattern, flat forged steel point, for ½×2 in. wood, w't per doz. 3 lbs..... per dozen $3.75

ONE DOZEN IN A PACKAGE.

TREE PRUNERS.

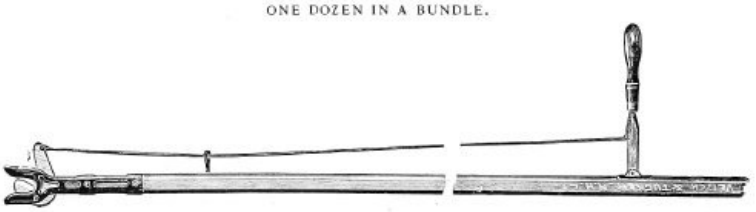


Waters' Improved, Polished Steel Blade, Enameled Cast Steel Hook.

No. 50—Feet	4	6	8	10	12
W't per doz.	28	34	44	50	58 lbs.
Per dozen	$24.00	27.00	30.00	30.00	33.00

Extra Blades ..... per dozen $3.50

ONE DOZEN IN A BUNDLE.



Henry's Improved, Polished Steel Blade, Enameled Cast Steel Fork.

No. 60—Feet	6	8	10
W't per doz.	36	48	57 lbs.
Per dozen	$27.00	30.00	33.00

Extra Blades ..... per dozen $6.00

HALF DOZEN IN A BUNDLE.

HANDLES.

"OUR VERY BEST" HICKORY HANDLES.

Genuine hand shaved with a draw-knife, in the old-fashioned way, from the finest split butt cuts of second growth northern hickory, clear white, straight grained, springy, thoroughly seasoned, beautifully proportioned, carefully belted and waxed. Nothing finer can be made. Axe and sledge handles in individual paper wrappers, one dozen in a crate. Hammer and hatchet handles one dozen in a carton.

Shaving OVB Handles from Split Billets.

REVONOC OAK HANDLES.

The finest Oak handles obtainable. Made from selected butt cuts of second growth "Blue Oak," of a beautiful dark color, straight grained, strong and flexible. One of our most popular lines.

SINGLE BITTED AXE.

Second Growth Hickory, Hand Shaved.

No. 040 OVB—Oval, regular, 36 in., w't per doz. 27 lbs.....per dozen $12.00

No. 042 OVB—Oval, slim, 36 in., w't per doz. 24 lbs.....per dozen 12.00

ONE DOZEN IN A CASE.

Second Growth Hickory, Hand Shaved

No. 045 OVB—Octagon, regular, 36 in., w't per doz. 27 lbs.....per dozen $12.00

ONE DOZEN IN A CASE.

DOUBLE BITTED AXE.

Second Growth Hickory, Hand Shaved.

No. 060 OVB—Oval, regular 36 in., w't. per doz. 27 lbs., per dozen.....$12.00

ONE DOZEN IN A CASE.

OVAL SLEDGE OR MAUL.

Second Growth Hickory, Hand Shaved.

No. 030 OVB—Length 30 in., w't per doz. 17 lbs.....per dozen $9.00

No. 036 OVB—Length 36 in., w't per doz. 23 lbs.....per dozen 9.60

TWO DOZEN IN A CASE.

ADZE EYE NAIL HAMMER.

Second Growth Hickory, Hand Shaved.

No. N013 OVB—Length 13 in., adapted for sizes 2 and 3 hammers, w't per doz. 4½ lbs.....per dozen $2.30

No. N014 OVB—Length 14 in., adapted for sizes 1 and 1½ hammers, w't per doz. 5¼ lbs.....per dozen 2.30

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

REGULAR HATCHET.

Second Growth Hickory, Hand Shaved.

No. 02 OVB—Length 14 in., w't per doz. 5½ lbs.....per dozen $2.30

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

BROAD HATCHET.

Second Growth Hickory, Hand Shaved.

No. 06 OVB—Length 17 in., w't per doz. 8 lbs .....per dozen $2.80

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

SINGLE BITTED AXE.

Second Growth "Blue Oak."

No. 70 REVONOC—Oval, regular 36 in., w't per doz. 25 lbs.....per dozen $6.40

No. 75 REVONOC—Oval, slim, 36 in., w't per doz. 25 lbs.....per dozen 6.40

ONE DOZEN IN A CASE.

Second Growth "Blue Oak."

No. 80 REVONOC—Oval, straight, slim, 36 in., w't per doz. 22 lbs.....per dozen $6.40

ONE DOZEN IN A CASE.

DOUBLE BITTED AXE.

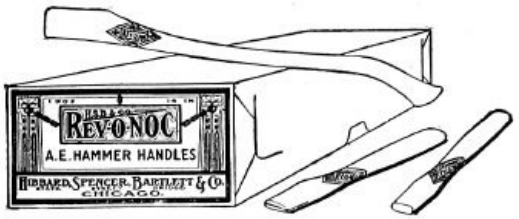
Second Growth "Blue Oak."

No. 85 REVONOC—Oval, regular, 36 in., w't per doz. 22 lbs.....per dozen $6.40

No. 90 REVONOC—Oval, slim, 36 in., w't per doz. 20 lbs.....per dozen 6.40

ONE DOZEN IN A CASE.

REV-O-NOC HICKORY HANDLES.



Shaved from select, clear white second growth hickory, straight grained and carefully seasoned and finished. Axe handles, one dozen in a crate; sledge handles, two dozen in a crate; hammer and hatchet handles, one dozen in a carton. The peer of any highest grade handles except the "O.V.B."

SINGLE BITTED AXE.

Second Growth Hickory, Hand Shaved Finish.

No. 55 REV-O-NOC—Oval, regular, 33 in. w't per doz. 20 lbs.....per dozen $10.80
No. 40 REV-O-NOC—Oval, regular, 36 in., w't per doz. 24 lbs.....per dozen 10.80

ONE DOZEN IN A CRATE.

Second Growth Hickory, Hand Shaved Finish.

No. 45 REV-O-NOC—Octagon, regular, 36 in., w't per doz. 22 lbs.....per dozen $10.80

ONE DOZEN IN A CRATE.

DOUBLE BITTED AXE.

Second Growth Hickory, Hand Shaved Finish.

No. 65 REV-O-NOC—Oval, regular, 33 in., w't per doz. 20 lbs.....per dozen $10.80
No. 60 REV-O-NOC—Oval, regular, 36 in., w't per doz. 25 lbs.....per dozen 10.80

ONE DOZEN IN A CRATE.

OVAL SLEDGE.

REV-O-NOC.

Second Growth Hickory, Hand Shaved Finish.

Nos.	30	32	34	36
Length.	30	32	34	36 in.
W't per doz.	17	18	20	25 lbs.
Per dozen	$7.00	7.00	7.90	7.90

TWO DOZEN IN A CRATE.

ADZE EYE NAIL HAMMER.

Second Growth Hickory.

No. N12 REV-O-NOC—Length 12 in., adapted for sizes 3 and 4 hammers, w't per doz. 3½lbs.....per dozen $2.30
No. N13 REV-O-NOC—Length 13 in., adapted for size 2 hammers, w't per doz. 4½ lbs., per dozen..... 2.30
No. N14 REV-O-NOC—Length 14 in., adapted for size 1½ hammers, w't per doz. 5¼ lbs.....per dozen 2.30
No. N15 REV-O-NOC—Length 15 in., adapted for size 1 hammers, w't per doz. 6½ lbs., per dozen..... 2.30

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

ADZE EYE FARRIERS' HAMMER.

Second Growth Hickory.

No. F14 REV-O-NOC—Length 14 in., w't per doz. 5 lbs.....per dozen $2.30

ONE DOZEN IN A CARTON. TEN DOZEN IN CASE.

ROUND EYE HAMMER.

Second Growth Hickory.

No. RE14 REV-O-NOC—Length 14 in., w't per doz. 5½ lbs.....per dozen $2.30

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

RIVETING HAMMER.

REV-O-NOC.

Second Growth Hickory.

Nos.	R12	R13	R15
Length.	12	13	15 in.
W't per doz.	2¾	3¼	3¾ lbs.
Per dozen	$2.30	2.30	2.30

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

MACHINISTS' HAMMER.

REV-O-NOC.

Second Growth Hickory.

Nos.	M14	M16	M18	M20
Length.	14	16	18	20 in.
W't per doz.	4½	5½	6¾	7¾ lbs.
Per dozen	$2.30	2.50	2.80	3.20

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

BLACKSMITHS' HAMMER.

REV-O-NOC.

Second Growth Hickory.

Nos.	B16	B18	B20	B22	B24
Length.	16	18	20	22	24 in.
W't per doz.	6¾	8	9	10¼	11½ lbs
Per dozen	$2.50	2.80	3.20	4.10	5.30

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

STONE MASONS' HAMMER.

Second Growth Hickory.

No. SM16 REV-O-NOC—Length 16 in., w't per doz. 7 lbs.....per dozen $2.50

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

STRIKING HAMMER.

Second Growth Hickory.

No. S15 REV-O-NOC—Length 15 in., w't per doz. 5¾ lbs.....per dozen $2.30

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE

REGULAR HATCHET.

REV-O-NOC.

Second Growth Hickory.

Nos.	1	2	3
Length.	13	14	15 in.
W't per doz.	5	5½	6¾ lbs.
Per dozen	$2.30	2.30	2.30

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

UNDERHILL PATTERN LATHING HATCHET.

Second Growth Hickory.

No. 4 REV-O-NOC—Length 13 in., w't per doz. 5¼ lbs.....per dozen $2.50

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

ADZE EYE HATCHET.

Second Growth Hickory.

No. 5 REV-O-NOC—Length 13 in., w't per doz. 4½ lbs.....per dozen $2.50

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

BROAD HATCHET.

Second Growth Hickory.

No. 6 REV-O-NOC—Length 17 in., w't per doz. 8 lbs.....per dozen $2.80
No. 7 REV-O-NOC—Length 18 in., w't per doz. 8½ lbs.....per dozen 3.40

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

HUNTERS' AXE.

Second Growth Hickory.

No. 8 REV-O-NOC—Length 14 in., w't per doz. 6 lbs.....per dozen $2.30

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE

DERRICK HATCHET.

Second Growth Hickory.

No. 9 REV-O-NOC—Length 18 in., w't per doz. 9 lbs.....per dozen $3.40

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE

HIB-SPE-BAR HANDLES.

HICKORY.

Very good quality white hickory, machine made, shaved eye, well finished, labeled and packed. A big value at a small price.

OAK.

A grade sold by many as "the best." Second only to the Rev-o-noc Oak. Good quality, handsome, dark oak, well finished and durable.

SINGLE BITTED HICKORY AXE.

White Hickory, Shaved Eye.

No. 11½—Oval, reglar, plain end, 33 in., w't per doz. 20 lbs.....per dozen $8.60
No. 11¼—Boys', oval, plain end, 28 in., w't per doz. 18 lbs.....per dozen 5.80
No. 11 —Oval, regular, plain end, 36 in., w't per doz. 22 lbs.....per dozen 8.60
No. 22 —Oval, slim, plain end, 36 in., w't per doz. 20 lbs.....per dozen 8.60

TWO DOZEN IN A CASE.

White Hickory, Shaved Eye.

No. 77—Oval, straight, slim, plain end, 36 in., w't per doz. 20 lbs....per dozen $8.60

TWO DOZEN IN A CASE.

White Hickory, Shaved Eye.

No. 33—Octagon, regular, plain end, 36 in., w't per doz. 22 lbs....per dozen $8.60

TWO DOZEN IN A CRATE.

White Hickory, Shaved Eye.

No. 88—Oval, regular, scroll end, 36 in., w't per doz. 22 lbs.....per dozen $9.40
No. 99—Octagon, regular, scroll end, 36 in., w't per doz. 22 lbs....per dozen 9.40

TWO DOZEN IN A CRATE.

DOUBLE BITTED HICKORY AXE.

White Hickory, Shaved Eye.

No. 44½—Oval, regular, 33 in., w't per doz. 20 lbs.....per dozen $8.60

No. 44 —Oval, regular, 36 in., w't per doz. 22 lbs.....per dozen 8.60

No. 66—Oval, slim, 36 in., w't per doz. 22 lbs.....per dozen 8.60

TWO DOZEN IN A CRATE.

SINGLE BITTED OAK AXE.

Oak.

No. 111—Oval, regular, 36 in., w't per doz. 22 lbs.....per dozen $4.80

TWO DOZEN IN A CRATE.

DOUBLE BITTED OAK AXE.

Oak.

No. 144—Oval, regular, 36 in., w't per doz. 22 lbs.....per dozen $4.80

TWO DOZEN IN A CRATE.

REVERSIBLE BROAD AXE.

White Hickory.

No. 128—Length 28 in., w't per doz. 22 lbs.....per dozen $8.60

TWO DOZEN IN A CRATE.

CARPENTERS' ADZE.

White Hickory.

No. 115—Oval, 34 in., w't per doz. 22 lbs., per dozen..... $8.60

TWO DOZEN IN A CRATE.

RAILROAD ADZE.

White Hickory.

No. 116—Oval, 34 in., w't per doz. 22 lbs., per dozen..... $8.60

TWO DOZEN IN A CRATE.

RAILROAD PICK.

White Hickory.

No. 117—Oval, 36 in., w't per doz. 30 lbs., per dozen..... $9.10

TWO DOZEN IN A CRATE.

COAL PICK.

White Hickory.

No. 118—Oval, 34 in., w't per doz. 25 lbs., per dozen..... $6.20

TWO DOZEN IN A CRATE.

DRIFTING PICK.

White Hickory.

No. 119—Oval, 34 in., w't per doz. 25 lbs., per dozen..... $5.80

TWO DOZEN IN A CRATE.

POLL PICK.

White Hickory.

No. 121—Oval, 34 in., w't per doz. 25 lbs., per dozen..... $5.80

TWO DOZEN IN A CRATE.

OVAL SLEDGE.

White Hickory.

Nos.....	124	130	132	134	136
Length.....	24	30	32	34	36 in.
W't per doz.	13	16	16½	18	20 lbs.
Per dozen ..	$4.00	5.60	5.60	6.70	6.70

TWO DOZEN IN A CRATE.

ADZE EYE NAIL HAMMER.

White Hickory.

No. N113—Length 13 in., w't per doz. 5 lbs.....per dozen $1.60
No. N114—Length 14 in., w't per doz. 5 lbs.....per dozen 1.60

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

REGULAR HATCHET.

White Hickory.

No. 102—Length 14 in., w't per doz. 4½ lbs.....per dozen $1.60

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

HANDLES.

"IL-A-NOY."

A splendid value of medium grade, strong, durable timber, partly red but well seasoned and finished. Will give service equal to many better looking, higher priced handles.

SINGLE BITTED AXE.

Il-A-NOY, Hickory.

No. 240X—Oval, regular, 36 in., w't per doz. 22 lbs.....per dozen $6.50

TWO DOZEN IN A CRATE.

DOUBLE BITTED AXE.

IL-A-NOY, Hickory.

No. 260—Oval, regular, 36 in., w't per doz. 22 lbs.....per dozen $6.50

TWO DOZEN IN A CRATE.

RAILROAD PICK.

IL-A-NOY, Hickory.

No. 217—Oval, 36 in., w't per doz. 30 lbs., per dozen..... $7.70

TWO DOZEN IN A CRATE.

COAL PICK.

IL-A-NOY, Hickory.

No. 218—Oval, 34 in., w't per doz. 25 lbs., per dozen..... $3.60

TWO DOZEN IN A CRATE.

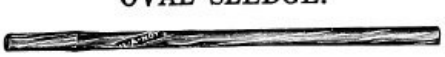
DRIFTING PICK.

IL-A-NOY, Hickory.

No. 219—Oval, 34 in., w't per doz. 30 lbs., per dozen..... $4.90

TWO DOZEN IN A CRATE.

OVAL SLEDGE.



IL-A-NOY, Hickory.

No. 230X—Length 30 in., w't per doz. 16 lbs.....per dozen $3.70

No. 236X—Length 36 in., w't per doz. 20 lbs.....per dozen 4.60

FIVE DOZEN IN A CRATE.

ADZE EYE NAIL HAMMER.

IL-A-NOY, Hickory.

Nos.....	N213	N214	N215
Length.....	13	14	15 in.
W't per doz....	4½	5¼	6½ lbs.
Per dozen $1.00		1.00	1.00

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

RIVETING HAMMER.

IL-A-NOY, Hickory.

Nos	R212	R213	R215
Length.....	12	13	15 in.
W't per doz....	2¾	3¼	3¾ lbs.
Per dozen $1.00		1.00	1.00

TEN DOZEN IN A CASE.

MACHINISTS' HAMMER.

IL-A-NOY, Hickory.

Nos.....	M214	M216	M218	M220
Length.....	14	16	18	20 in.
W't per doz	4½	5½	6¾	7¾ lbs.
Per dozen .$1.00		1.10	1.20	1.50

TEN DOZEN IN A CASE.

STONE MASONS' HAMMER.

IL-A-NOY, Hickory.

No. SM216—Length 16 in., w't per doz. 6½ lbs.....per dozen $1.10

TEN DOZEN IN A CASE.

STRIKING HAMMER.

IL-A-NOY, Hickory.

No. S215—Length 15 in., w't per doz. 4¾ lbs.....per dozen $1.00

TEN DOZEN IN A CASE.

BLACKSMITHS' HAMMER.

IL-A-NOY, Hickory.

Nos.....	B216	B218	B220	B222	B224
Length.....	16	18	20	22	24 in.
W't per doz.	6¾	8	9	10	11 lbs.
Per dozen ..$1.10		1.20	1.50	1.60	1.80

TEN DOZEN IN A CASE.

REGULAR HATCHET.

IL-A-NOY, Hickory.

Nos.....	201	202	203
Length.....	13	14	15 in.
W't per doz....	4¼	4½	6 lbs.
Per dozen $1.00		1.00	1.00

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

BROAD HATCHET.

IL-A-NOY, Hickory.

No. 206—Length 17 in., w't per doz. 8 lbs.....per dozen $1.40

No. 207—Length 18 in., w't per doz. 8½ lbs.....per dozen 1.60

ONE DOZEN IN A CARTON. TEN DOZEN IN A CASE.

"CRUSO."

Next in rank to the "Il-A-Noy." Good strong hickory, but largely red wood. All right for ordinary use and a splendid value at the price.

These are not the lowest grade on the market, as we do not carry the "culls," or unserviceable handles offered by some makers.

SINGLE BITTED AXE.

CRUSO, Hickory.

No. C340—Oval, regular, 36 in., w't per doz. 22 lbs.....per dozen $3.70

TWO DOZEN IN A CRATE.

DOUBLE BITTED AXE.

CRUSO, Hickory.

No. C360—Oval, regular, 36 in., w't per doz. 22 lbs.....per dozen $3.70

TWO DOZEN IN A CRATE.

RAILROAD PICK.

CRUSO, Hickory.

No. C317—Oval, length 36 in., w't per doz. 30 lbs.....per dozen $4.40

TWO DOZEN IN A CRATE.

COAL PICK.

CRUSO, Hickory.

No. C318—Oval, length 34 in., w't per doz. 25 lbs.....per dozen $3.00

TWO DOZEN IN A CRATE.

OVAL SLEDGE.

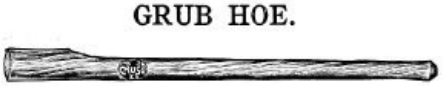
CRUSO, Hickory.

No. C330—Length 30 in., w't per doz. 16 lbs.....per dozen $2.50

No. C336—Length 36 in., w't per doz. 20 lbs.....per dozen 2.80

FIVE DOZEN IN A CRATE.

GRUB HOE.



CRUSO, Hickory.

No. C321—Oval, 36 in., w't per doz. 25 lbs., per dozen..... $4.40

TWO DOZEN IN A CRATE.

POST MAUL.

CRUSO, Hickory.

No. C323—Oval, 36 in., w't per doz. 22 lbs. per dozen..... $3.50

TWO DOZEN IN A CRATE.

AGRICULTURAL TOOL HANDLES.

HAY FORK.

Select, Straight, Bored and Chucked.

Nos.	14	14½	15	15½	16
Length	4	4½	5	5½	6 ft.
W't per doz.	17	20	23	26	28 lbs.
Per dozen	$1.55	1.65	1.90	2.15	2.50

XXX, Straight, Bored and Chucked.

Nos.	24	24½	25	25½	26
Length	4	4½	5	5½	6 ft.
W't per doz.	17	20	23	26	28 lbs.
Per dozen	$2.15	2.25	2.55	2.90	3.30

Select, Bent, Bored and Chucked.

Nos.	44	44½	45	45½	46
Length	4	4½	5	5½	6 ft.
W't per doz.	19	21	23	25	27 lbs.
Per dozen	$1.95	2.10	2.40	2.70	3.10

XXX, Bent, Bored and Chucked.

Nos.	54	54½	55	55½	56
Length	4	4½	5	5½	6 ft.
W't per doz.	20	23	26	27	28 lbs.
Per dozen	$2.55	2.70	3.05	3.45	3.90

XXX, Straight, with Strap Ferrule, Bored and Chucked.

Nos.	34½	35	35½	36
Length	4½	5	5½	6 ft.
W't per doz.	23	25	27	30 lbs.
Per dozen	$3.55	3.80	4.05	4.40

TWO DOZEN IN A BUNDLE.

XXX, Bent, with Strap Ferrule, Bored and Chucked.

Nos.	64	64½	65	65½	66
Length	4	4½	5	5½	6 ft.
W't per doz.	21	23	25	27	30 lbs.
Per dozen	$3.85	4.00	4.30	4.60	5.00

TWO DOZEN IN A BUNDLE.

MANURE FORK.

No. 74 —4 ft., bent, select, w't per doz. 20 lbs. ..... per dozen $2.00
No. 74½—4½ ft., bent, select, w't per doz. 24 lbs. ..... " 2.20
No. 84 —4 ft., bent, XXX, w't per doz. 23 lbs. ..... " 2.75
No. 84½—4½ ft., bent, XXX, w't per doz. 25 lbs. ..... " 3.00
No. 94 —4 ft., bent, XXX, with strap ferrule and cap, w't per doz. 25 lbs. ..... " 3.90
No. 94½—4½ ft., bent, XXX, with strap ferrule and cap, w't per doz. 26 lbs. ..... " 4.10

HEADER AND BARLEY FORK.

No. 105 —5 ft., XXX header fork, w't per doz. 24 lbs. ..... per dozen $3.65
No. 115 —5 ft., XXX barley fork, w't per doz. 24 lbs ..... " 3.65
No. 115½—5½ ft., XXX barley fork, w't per doz. 29 lbs ..... " 4.45

GARDEN AND COTTON HOE.

No. 104½—Garden, 4½ ft., select, chucked and bored, w't per doz. 16 lbs. ..... per dozen $1.50
No. 335—Cotton, 5 ft., select, chucked for No. 33 cotton hoe, w't per doz. 20 lbs. ..... " 1.90

MORTAR HOE AND DRAIN CLEANER.

No. 116—6 ft., select, mortar hoe, chucked and bored, w't per doz. 31 lbs. ..... per dozen $2.50
No. 146—6 ft., select, drain cleaner, w't per doz. 31 lbs. ..... " 2.50

HAZEL AND PLANTERS' EYE HOE.

No. 154½—Hazel, 4½ ft., 1¾ in. butt, select, w't per doz. 25 lbs. ..... per dozen $2.25
No. 124½—Planters', 4½ ft., 2 in. butt, select, w't per doz. 20 lbs. ..... " 2.25
No. 125½—Planters', 5½ ft., 2 in. butt, select, w't per doz. 25 lbs. ..... " 2.70

GERMAN HOE.

No. 134½—4½ ft., select, w't per doz. 16 lbs. ..... per dozen $2.60

GARDEN RAKE.

No. 155½—5½ ft., select, chucked and bored, w't per doz. 19 lbs. ..... per dozen $1.95
No. 156 —6 ft., select, chucked and bored, w't per doz. 21 lbs. ..... " 2.15
No. 157 —7 ft., select, chucked and bored (also useful for shepherds' crook), w't per doz. 23 lbs. ..... " 2.95

SHEPHERDS' CROOK.

No. 198—8 ft., XXX, w't per doz. 25 lbs. ..... per dozen $5.30

The weight given is the average weight per dozen.

TWO DOZEN IN A BUNDLE.

HANDLES AND EXTRAS.

LONG SHOVEL, SPADE AND SCOOP HANDLES.

No. 200—4½ ft., regular pattern shovel, w't per doz. 21 lbs., per dozen.....$3.00

No. 205—4½ ft., XXX, regular pattern shovel, w't per doz. 22 lbs.....per dozen 4.00

No. 210—4½ ft., regular pattern spade, w't per doz. 21 lbs., per dozen.....$2.50

TWO DOZEN IN A BUNDLE.

No. 230—4½ ft., Chisholm pattern shovel, spade and scoop, *straight*, w't per doz. 20 lbs.....per dozen $3.00

No. 240—4½ ft., Chisholm pattern shovel, spade and scoop, *bent*, w't per doz. 20 lbs.....per dozen $3.00

No. 220—4 ft., EMPEROR, shovel and spade, w't per doz. 19 lbs., per dozen.....$3.00

TWO DOZEN IN A BUNDLE.

D HANDLES.

No. 300—Shovel, regular pattern, length 30 in., w't per doz. 20 lbs..per dozen $3.50

No. 310—Spade, regular pattern, length 30 in., w't per doz. 20 lbs...per dozen $3.35

No. 320—Chisholm shovel, spade or scoop, straight, length 27 in., w't per doz. 19 lbs.....per dozen $3.35

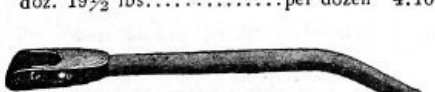
No. 390—Chisholm shovel, spade or scoop, bent, length 28 in., w't per doz. 19 lbs., per dozen..... $3.35

No. 370—Emperor shovel or spade, length 24 in., w't per doz. 16 lbs., per dozen..... $3.35

No. 430—XXX Emperor Shovel, length 23 in., w't per doz. 16 lbs.....per dozen 4.10

No. 330—Post, drain or ditching spade, length 36 in., w't per doz. 22 lbs., per dozen..... $4.00

No. 440—XXX Tile spade, for Osmundson and Boss spades, length 28 in., w't per doz. 19½ lbs.....per dozen 4.10



No. 340—Scoop, wood D, length 30 in., w't per doz. 21 lbs.....per dozen $3.50

ONE DOZEN IN A BUNDLE.

D HANDLES.

No. 350—Manure fork, wood D, length 30 in., w't per doz. 16 lbs...per dozen $3.25

No. 360—Manure fork, malleable D, length 30 in., w't per doz. 18 lbs., per dozen..... $2.75

No. 400—Spading fork, wood D, length 30 in., w't per doz. 18 lbs.....per dozen $3.25

No. 410—Spading fork, malleable D, length 30 in., w't per doz. 20 lbs., per dozen..... $2.75

No. 259—Spading fork, malleable D, with strap ferrule and cap, length 30 in., w't per doz. 25 lbs.....per dozen $4.55

No. 380—Coke fork, XXX, wood D, with strap ferrule and cap, length 30 in., w't per doz. 28 lbs.....per dozen $6.50

No. 420—Coke fork, malleable D, with strap ferrule and cap, length 30 in., w't per doz. 26 lbs.....per dozen $6.50

ONE DOZEN IN A BUNDLE.

PLAIN FERRULES.

No. 1—Hay fork, wrought, w't per doz. 2 lbs.....per dozen $1.00

No. 3—Manure fork, wrought, w't per doz. 2½ lbs.....per dozen 1.00

No. 5—Spading fork, wrought, w't per doz. 2½ lbs.....per dozen 1.00

No. 7—Hoe or rake, wrought, w't per doz. 1¼ lbs.....per dozen .85

STRAP FERRULES.

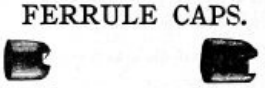
No. 2—Hay fork, wrought, w't per doz. 4 lbs.....per dozen $2.50

No. 4—Manure fork, wrought, w't per doz. 4½ lbs.....per dozen 2.50

No. 6—Spading fork, wrought, w't per doz. 5 lbs.....per dozen 2.50

No. 12—Strapped coke fork ferrule with cap, w't per doz. 6½ lbs...per dozen 3.35

FERRULE CAPS.



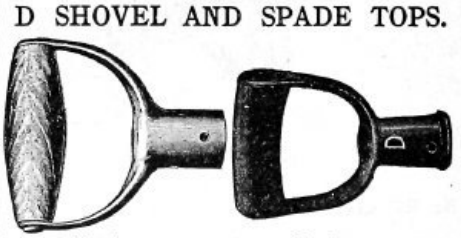
No. 10. No. 11.

No. 10—Hay fork, wrought, w't per doz. ¼ lb.....per dozen $0.50

No. 11—Manure fork, wrought, w't per doz. ½ lb.....per dozen .50

No. 14—Spading fork, wrought, w't per doz. 14 oz.....per dozen .55

D SHOVEL AND SPADE TOPS.



No. 1. No. 5.

No. 1—Malleable iron, wood grip, w't per doz. 6¼ lbs.....per dozen $1.75

No. 5—All malleable iron, hollow lamping grip, for railroad shovels, w't per doz. 13¾ lbs.....per dozen 3.00

WHEEL BARROWS.

"REV-O-NOC" STEEL TRAY.

Heavy steel tray, beaded over $\frac{5}{16}$ in. iron rod at edges, hardwood handles, painted olive green and varnished, heavy bent angle legs, full braced and bolted, heavy 17 in. Neverbreak steel wheel and riveted hub, $\frac{3}{8}$ in. spokes, $1\frac{1}{2}$ in. tire, $\frac{1}{2}$ in. axle, metal parts painted black.

"REV-O-NOC."

No. R13½ REV-O-NOC—Railroad, length over all 63 in., seamless pan tray, $32\frac{1}{2}\times32\frac{1}{4}\times10$ in., capacity 4 cu. ft., w't per doz. 480 lbs. .....per dozen $72.00

SHIPPED KNOCKED DOWN.

"REV-O-NOC."

No. R14 REV-O-NOC—Contractors', length over all 61 in., seamless tray, $38\times30\frac{1}{2}\times11$ in., capacity 4 cu. ft., extension handles for forward dumping, w't per doz. 780 lbs....per dozen $72.00

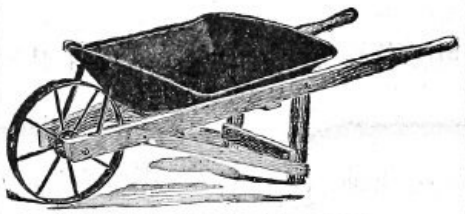
SHIPPED KNOCKED DOWN.

"REV-O-NOC."

No. R17 REV-O-NOC—Concrete, length over all 63 in., deep one piece tray, $37\frac{1}{4}\times25\times14$ in., capacity 4 cu. ft., extension handles for forward dumping, w't per doz. 840 lbs...per dozen $100.00

SHIPPED KNOCKED DOWN.

STEEL TRAY.



No. 13½—Contractors', hardwood frame, braced and bolted, length over all 61 in., 14 gauge steel seamless pan tray, $33\frac{1}{4}\times31\frac{3}{4}\times8\frac{3}{4}$ in., capacity 4 cu. ft., $16\frac{1}{2}$ in. steel wheel, $1\frac{3}{8}$ in. tire, w't per doz. 708 lbs. .....per dozen $76.00

SHIPPED KNOCKED DOWN.

No. 20—SANTIAGO, hardwood, braced and bolted frame, length over all 63 in., one piece steel tray, $30\times32\times7\frac{1}{2}$ in., $16\frac{1}{2}$ in. *steel* wheel, $1\frac{3}{8}$ in. tire, plain finish, w't per doz. 600 lbs..per dozen $50.00

SHIPPED KNOCKED DOWN.

Heavy Gas Pipe Frame, Steel Legs and Braces.

No. 04 —Contractors', tubular, length over all 69 in., 15 gauge seamless steel tray $32\frac{1}{2}\times28\frac{1}{2}\times8\frac{1}{2}$ in., with edge turned over a $\frac{3}{16}$ in. iron rod, capacity 3 cu. ft., $16\frac{1}{2}$ in. *steel* wheel, $1\frac{1}{2}$ in. tire, w't per doz. 840 lbs...per dozen $84.00

No. 04½—Contractors', tubular, length over all 69 in., 14 gauge seamless steel tray $32\frac{1}{2}\times28\frac{3}{4}\times8\frac{7}{8}$ in., w't per doz. 900 lbs., otherwise same as No. 04, per dozen..... 90.00

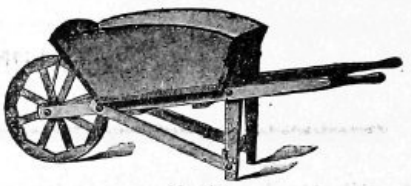
No. 07 —Contractors', tubular, length over all 69 in., 14 gauge, seamless steel tray $41\times32\frac{3}{4}\times13$ in., capacity 4 cu. ft., w't per doz. 1050 lbs., otherwise same as No. 04.....per dozen 126.00

SHIPPED KNOCKED DOWN.

No. 10—Coal, tubular frame, length over all 68 in., 15 gauge seamless steel tray $41\times32\frac{3}{4}\times13$ in., $16\frac{1}{2}$ in. *steel* wheel, $1\frac{3}{4}$ in. tire, capacity 6 cu. ft., w't per doz. 1320 lbs.....per dozen $180.00

SHIPPED KNOCKED DOWN.

WOOD TRAY.



No. 15.

Deep Box Tray.

No. 15—Mortar, hardwood frame, braced and bolted, length over all 65 in., heavy steel tray $31\times29\times12\frac{1}{2}$ in., iron bound corners, $16\frac{1}{4}$ in. patent *wood* wheel, $1\frac{1}{2}$ in. tire, w't per doz. 600 lbs., per dozen..... $59.00

No. 16—Mortar, hardwood frame, braced and bolted, length over all 65 in., heavy steel tray $31\times29\times12\frac{1}{2}$ in., iron bound corners, 16 in. *steel* wheel, $1\frac{3}{8}$ in. tire, w't per doz. 600 lbs., per dozen..... 64.00

SHIPPED KNOCKED DOWN.

No. 4.

Patent Stave Tray.

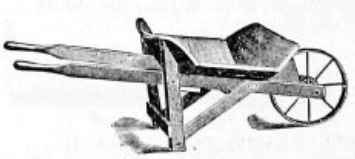
No. 3 —Hardwood frame stave tray, length over all 61 in., tray $31\times29\times12\frac{1}{2}$ in., braced and bolted, staves being held in place by two steel rods running through, plain finish, 16 in. *wood* wheel, $1\frac{1}{2}$ in. tire, w't per doz. 520 lbs.....per dozen $28.00

No. 4 —16 in. *steel* wheel, $1\frac{1}{4}$ in. tire, w't per doz. 550 lbs., otherwise same as No. 3.....per dozen 30.00

No. 44 —16 in. *steel* wheel, $2\frac{1}{4}$ in. tire, w't per doz. 553 lbs., otherwise same as No. 3.....per dozen 34.00

No. 3W—Extra *wood* wheels, 16 in. for No. 3, w't per doz. 84 lbs...per dozen 13.00

No. 4W—Extra *steel* wheels, 16 in. for Nos. 2, 4 or 6, w't per doz. 100 lbs., per dozen..... 15.00



No. 2—Hardwood frame, braced and half bolted, length over all 66 in., regular pieced tray, $28\frac{1}{2}\times34\frac{1}{2}\times9$ in., 16 in. *steel* wheel, $1\frac{1}{4}$ in. tire, w't per doz. 600 lbs.....per dozen $31.00

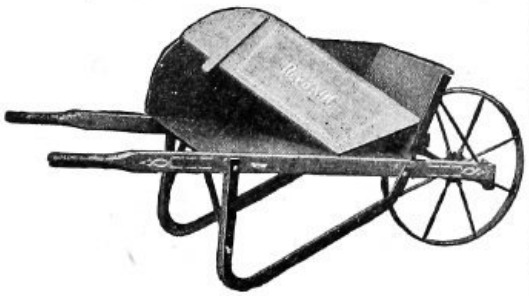
SHIPPED KNOCKED DOWN.

No. 6—Hardwood frame, braced and bolted, length over all 67 in., stave tray $31\times33\frac{1}{2}\times11\frac{1}{4}$ in., held together by two steel rods running through, plain finish, 16 in. *steel* wheel, $1\frac{3}{8}$ in. tire, one-piece bent legs, w't per doz. 550 lbs.....per dozen **$40.00**

SHIPPED KNOCKED DOWN.

GARDEN BARROWS, ROAD SCRAPERS AND HODS.

GARDEN BARROWS.



"REV-O-NOC."

No. R25 REVONOC—Wood bottom, front and side boards, length over all 65 in., tray 28×23¾×11 in., 20¼ in. wide at handles, 18½ in. wide at front, 20 in. heavy *steel* wheel, ⅜ in. spokes, 1½ in. tire, w't per doz. 600 lbs., per dozen..... $48.00

Body and handles made of selected hardwood, painted olive green, neatly striped and varnished. Heavy bent angle steel legs and front corners, full braced and bolted. Metal parts painted black.

No. 010.

CLIPPER, Painted, Hardwood, Bolted and Striped, Jointless Bent Legs.

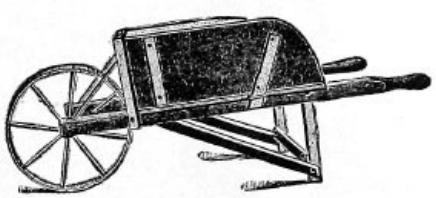
No. 09 —Tray 28¼×23×11 in., 20 in. *wood* wheel, 1⅜ in. tire, average w't per doz. 600 lbs.....per dozen $39.00

No. 010 —Tray 28¼×23×11 in., 20 in. *steel* wheel, 1⅜ in. tire, average w't per doz. 600 lbs.....per dozen 43.00

No. 109 —Boys', hardwood, bolted, painted and striped, jointless bent legs, tray 24½×23¼×9 in., 20 in. *steel* wheel, 1½ in. tire, w't per doz. 500 lbs., per dozen..... 40.00

No. 010W—Extra steel wheels, for No. 010, w't per doz. 144 lbs...per dozen 25.00

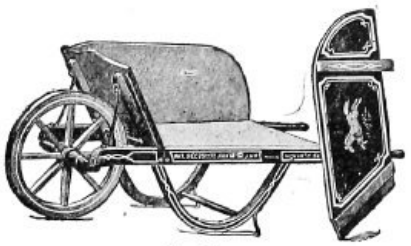
SHIPPED KNOCKED DOWN.



No. 45—SUBURB, hardwood body, handles, legs and leg braces, painted red and varnished, *steel* wheel, 28 in. long, 12 in. deep and 23 in. wide at handles, 16½ in. wide at front, wheel 18¼ in. diameter, ⅜ in. spokes, 1¼ in. tire, w't per doz. 552 lbs.....per dozen $44.00

SHIPPED KNOCKED DOWN

GARDEN BARROWS.



No. 7.

CLIPPER, Extra Heavy Garden, Hardwood Painted and Striped, Jointless Bent Legs, with Steel Shoe.

No. 7—31½×26¾×13⅝ in., 20 in. *wood* wheel, 1½ in. tire, average w't per doz. 720 lbs.....per dozen $52.00

No. 8—31½×26¾×13⅝ in., 20 in. *steel* wheel, 1½ in. tire, average w't per doz. 720 lbs.....per dozen 56.00

Large size for stable, farm and mill use, made strong in proportion to its size, for heavy loads.

SHIPPED KNOCKED DOWN.

STONE BARROWS.

No. 11.

No. 11—Hardwood, extra heavy, painted, bent handles, solid bottom, iron bound, 16 in. heavy tired *wood* wheel, average w't per doz. 840 lbs. per dozen $66.00

No. 12—*Steel* wheel, otherwise same as No. 11.....per dozen 74.00

SHIPPED KNOCKED DOWN.

ROAD SCRAPERS.

One-Pieced Pressed Steel Body, 10 Gauge, Round Back, Steel Bail, Hardwood Handles, Without Runners.

No. 1—32×32×11 in., handles 30 in., capacity 7 cu. ft., w't 90 lbs.....each $7.50

No. 2—30×29×10½ in., handles 30 in., capacity 5 cu. ft., w't 80 lbs.....each 7.00

No. 3—29½×24×10½ in., handles 30 in., capacity 3 cu. ft., w't 67 lbs.....each 6.75

One-Piece Pressed Steel Body, 10 Gauge, Round Back, Steel Bail, Hardwood Handles, with Runners.

No. 11—32×32×11 in., handles 30 in., capacity 7 cu. ft., w't 96 lbs.....each $8.00

No. 22—30×29×10½ in., handles 30 in., capacity 5 cu. ft., w't 86 lbs....each 7.50

No. 33—29½×24×10½ in., handles 30 in., capacity 3 cu. ft., w't 73 lbs..each 7.25

SHIPPED KNOCKED DOWN.

HODS.

No. 1—Mortar, 22×13×12 in., plain hardwood, 4 ft. split handle, w't per doz. 132 lbs.....per dozen **$13.50**

No. 2—Brick, 25×10×7 in., plain hardwood, 4 ft. split handle, w't per doz. 96 lbs.....per dozen **$9.00**

No. 3—Mortar, 26×13×11½ in., pressed sheet steel body, wire beaded edges, hardwood shoulder piece and 4 ft. handle, w't per doz. 122 lbs. per dozen **$30.00**

Patent steel braces with screw socket to keep whole securely tightened.

No. 4—Brick, 23×10×7 in., pressed sheet steel body, wire beaded edges, hardwood shoulder piece and 4 ft. handle, w't per doz. 92 lbs..per dozen **$25.00**

SHIPPED KNOCKED DOWN.

CARTS AND TRUCKS.

TRUCKS.

Nos. 1 to 3

Nos. 22 to 24

Warehouse, Hardwood, Bent Handles, Varnished, Half Ironed, with Steel Nose, Forged Axle, Turned Bearings.

Nos.	1	2	3
Handles	48	52	56 in.
Width	19	20	22 in.
Wheels	7½	8½	9½ in.
Weight	43	60	77 lbs.
Each	$7.00	9.00	13.00

Hotel, Hardwood, Bent Handles, Varnished, Half Ironed, Rubber Banded Wheels, Steel Nose, Forged Axle, Turned Bearings.

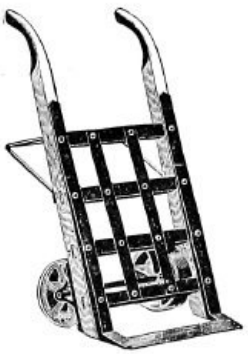
Nos.	H1	H2
Handles	48	52 in.
Width	19	20 in.
Wheels	7½	8½ in.
Weight	43	60 lbs.
Each	$15.00	18.50

Warehouse, Hardwood, Bent Handles, Varnished, Full Ironed, Steel Nose, Forged Axle, Turned Bearings.

Nos.	22	23	24
Handles	52	56	60 in.
Width	20	22	24 in.
Wheels	8½	9½	10½ in.
Weight	68	87	115 lbs.
Each	$10.50	15.00	18.50

Hotel, Hardwood, Bent Handles, Varnished, Full Ironed, Rubber Banded Wheels, Steel Nose, Forged Axle, Turned Bearings.

Nos.	FH1	FH2
Handles	52	56 in.
Width	20	22 in.
Wheels	8½	9½ in.
Weight	68	87 lbs.
Each	$16.00	19.00



No. W34—RAILROAD, extra heavy varnished hardwood frame and handles securely mortised and bolted, heavily strapped, with steel nose, forged axle, turned bearings, 10¾ in. cast wheels, 62 in. handles, 24 in. wide, w't 130 lbs., each..... $20.00

TRUCKS.

No. 15.

No. 13.

Hardwood, Bent Handles, Varnished, 6 in. Wheels.

No. 15—DANDY, 11×46 in., wrought iron nose, w't 19 lbs.....each $4.50

No. 13—BAG, 11¼×42 in., stamped steel nose, w't 19 lbs.....each 4.50

WAGON TRUCKS.

Hardwood, Varnished Top, Drilled Wheels, and Turned Axles, Fifth Wheel, Folding Iron Tongue.

Nos.	101	102	103
Platform	3×2	3⅙×2⅙	3⅓×2⅓ ft.
Weight	115	120	126 lbs.
Each	$14.00	15.00	16.00

Nos.	104	105	106
Platform	3½×2½	3⅔×2⅔	3⅚×2⅚ ft.
Weight	150	155	160 lbs.
Each	$17.50	18.50	20.00

HAND CARTS.

Hardwood Frame and Box, Nicely Painted and Varnished, Removable End Boards, Braced Steel Leg.

No. 24—BOX 32×20×9 in., 30 in. steel wheels, 3 in. tire, ⅞ in. steel axle, w't 80 lbs.....each $9.00

No. 25—BOX 40×24×10 in., 36 in. steel wheels, 1½ in. tire, ⅞ in. steel axle, w't 90 lbs.....each 10.50

No. 24 cart is fitted with steel wheels having a three-inch tread, which permits it to run over soft ground easily and prevents cutting up lawns.

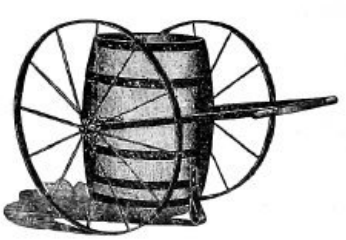
BARREL CARTS.

No. 129—DUPLEX, pick-up, steel frame, painted black, cast flange securely riveted to frame, wood handle, 36 in. wheels with 2 in. oval rim, twelve ⅜ in. spokes, without barrel, w't 75 lbs.....each $10.00

These carts carry the barrel directly on the axle and may be easily loaded and unloaded. It has a device at the bottom which with the hook at the top will hold the barrel firmly in place so as to admit the contents of the barrel being emptied when handle is raised. The frame work is not dependent on the barrel for its support.

No. 27—DAISY, bent hardwood frame, with steel combined drop axle and barrel support, braced steel leg, size of rig over all: width 42 in., length 58 in., height 20 in., steel wheels, 36 in. in diam., 1¾×1¼ in. tire, w't 70 lbs..each $8.50

Can be used with any barrel without extra attachments. We do not supply barrel.



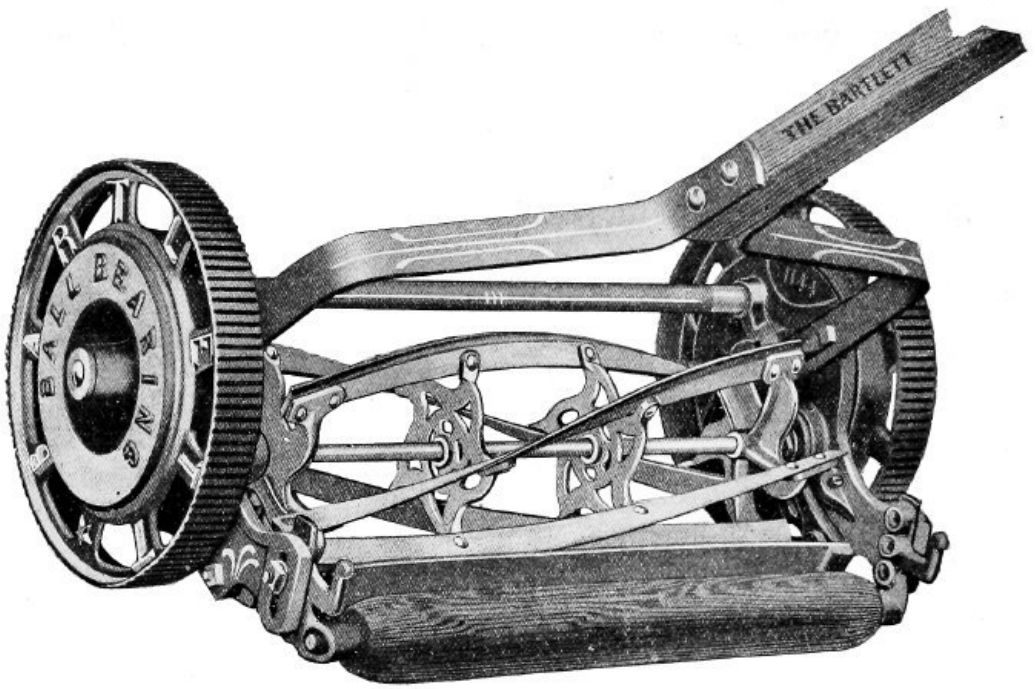
No. 126—ECLIPSE, steel frame, painted black, cast flanges to be bolted to barrel, wood handles, 36 in. wheel with 2 in. oval rim, twelve ⅜ in. spokes, without barrel, w't 56 lbs.....each $7.50

ONE IN A PACKAGE.

H. S. B. & CO.'S LAWN MOWERS.

On this and the following pages we illustrate a line of Mowers which answers all the requirements of any dealer or locality. The several patterns are adapted to the demand as to the size, variety and quality, and at the same time embrace a wide variation in price. Special attention is called to the detailed description printed under each mower. These mowers are made by the best factories in the United States and will prove satisfactory in every particular. They represent the greatest value procurable for the money invested.

THE BARTLETT, BALL BEARING.



10 Inch Driving Wheels, 6 Inch Reel, Five Highest Grade Crucible Steel Revolving Knives, Upturned Dead Knife Ground on Both Edges, Three Reel Braces, 9-16 Inch Reel Axle with Bicycle Ball Bearings, 5-8 Inch Front Cross Rod, Hooks for Attaching Grass Catcher, Hardwood Roller and Handle.

Cut	15	17	19	21 in.
Weight	61	64	68	72 lbs.
Each	$25.00	28.00	31.00	34.00

The Bartlett was made first and the cost figured afterwards. It is the most successful mower that we have ever known.

Every blade is made of crucible steel in the old fashioned way, hardened and tempered in oil, notwithstanding the fact that it involves six to ten times as much expense as if made of Bessemer or open hearth steel. Other manufacturers who harden and temper the revolving blades use open hearth steel and simply heat it enough to give it the necessary curve, allowing it to air harden. This simply puts a surface hardening on it, but does not affect the blade throughout.

We know of numerous instances where this machine has been running for many years without requiring regrinding or any other sharpening than that which can be done by use of a screw driver, in adjusting the under knife so that it is kept in contact with the revolving blades. This feature alone is worth the full retail price of the mower, because it will save the user the expense of sharpening.

The dust proof ball bearing equipment of this machine is equal to that of the finest bicycle or automobile. It costs three times as much to make these parts as it does in the usual style.

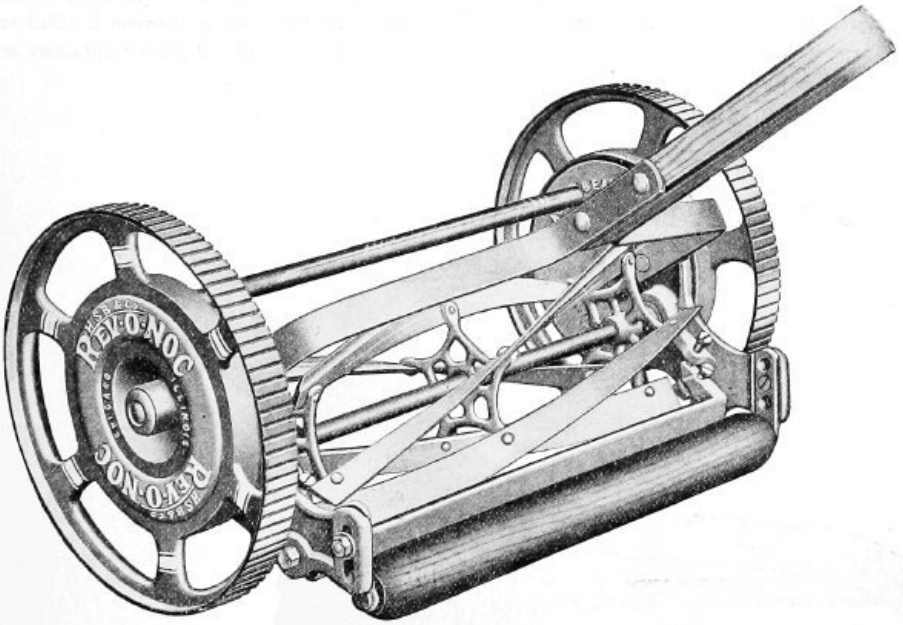
The reels are perfectly adjusted when at the factory and it is rarely that adjustment is necessary. The wheel axles are of extra large size and length, and made of cold drawn steel shafting. The entire machine is made in jigs on an interchangeable plan, so that if by accident a part is broken or worn out, a duplicate which will work properly can be secured at a small expense. This care in manufacturing produces a perfect working of all parts; a smooth running and noiseless machine that will wear a life-time if given ordinary care.

Decoration—Beautifully finished in gold, maroon and blue, striped to enhance color effect.

ONE IN A CASE.

H. S. B. & CO.'S LAWN MOWERS.

THE "REV-O-NOC," BALL BEARING.



The "Rev-o-noc" is a high grade ball bearing mower. The reels are made with blades of concave steel edges, which allow the user to always maintain a perfect cutting edge as the machine is reground and sharpened.

The bed of the cutter bar is accurately ground to a flat surface for receiving the steel cutting knife, which is attached with rivets headed-up by a new spinning device which draws the blade much closer to the cast bar than the old style of heading-up the rivet.

This machine has a case-hardened cone especially tempered under a secret process, whereby the surface of the cone is so hard that it will never show any signs of wear. Unless the frame construction is intentionally changed, the cone will never require adjustment.

11 Inch Driving Wheels, 6 Inch Reel, Five Highest Grade Crucible Steel Revolving Blades, Ball Bearing, Malleable Iron Reel Spiders, 5-8 Inch Cross Rod, Solid Steel Adjusted Cutter Bar, Parts Ground and Fitted.

Cut	14	16	18	20 in.
Weight	47	49	51	53 lbs.
Each	$22.00	23.00	24.00	25.00

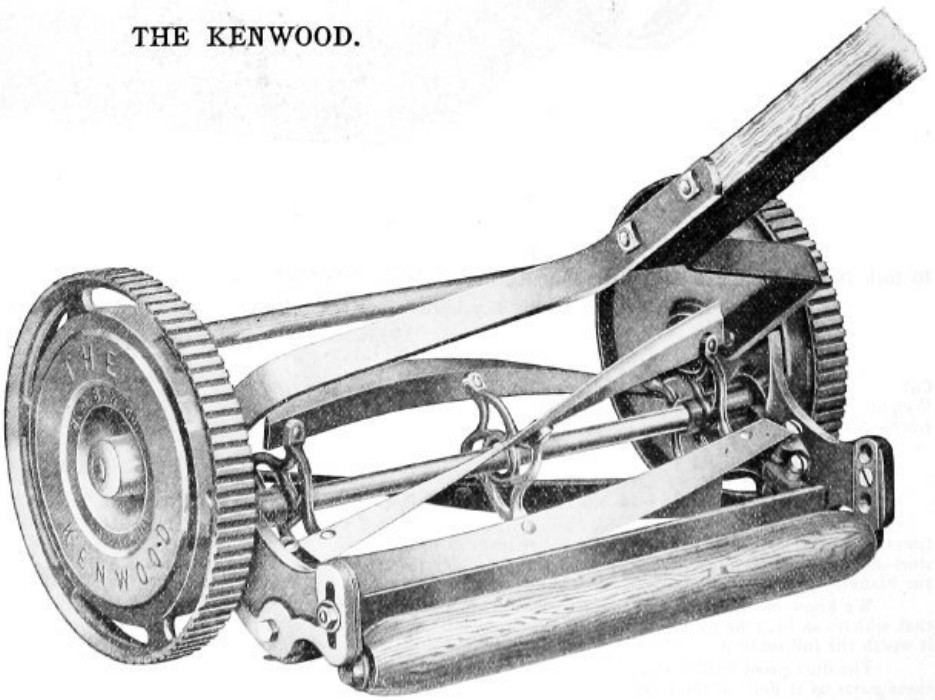
ONE IN A CASE.

THE KENWOOD.

The Kenwood is a carefully made machine with parts accurately fitted.

The reel spiders are malleable iron, consequently can never break. They are rigidly attached to the steel shaft by drilling a hole through each hub and shafting and firmly riveting it in place, eliminating the possibility of working loose and getting out of position.

The blades are made with concave edges which allow the user to always keep a perfect cutting edge as the machine is reground and sharpened.



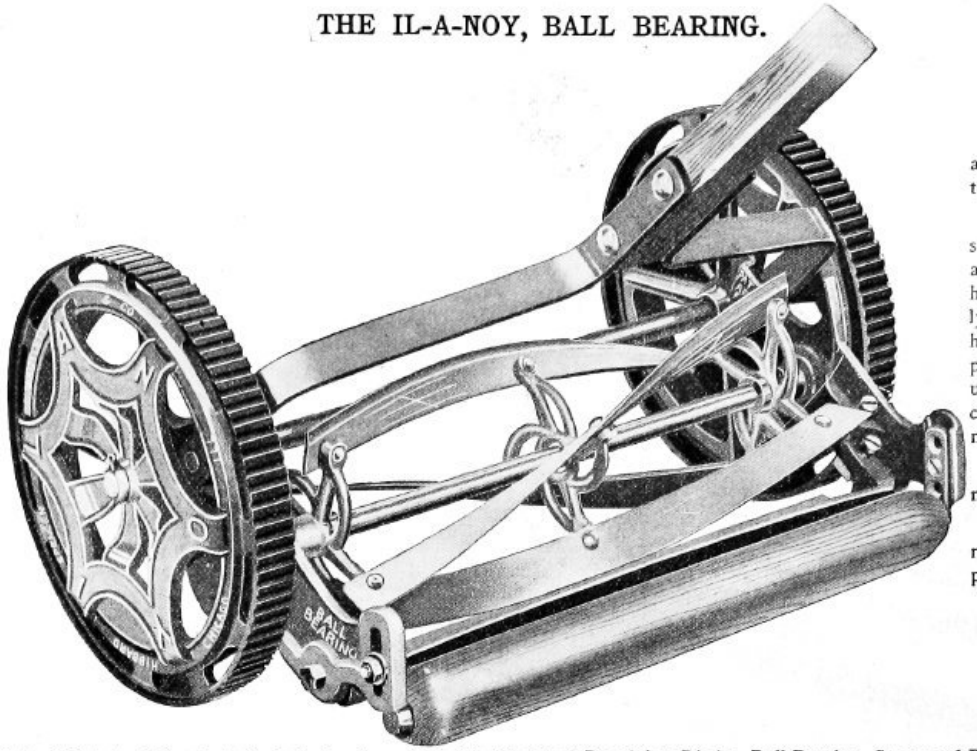
9 Inch Driving Wheels, 6 Inch Reel, Four Steel Revolving Blades, Plain Bearings, Reel Box Fitted with Brass Adjustment, Cutter Bar Screw Adjusted.

Cut	14	16	18 in.
Weight	41	43	45 lbs.
Each	$14.00	15.00	16.00

ONE IN A CASE.

H. S. B. & CO.'S LAWN MOWERS.

THE IL-A-NOY, BALL BEARING.



In the manufacture of the Ilanoy particular attention has been given to the quality of materials which compose its various parts.

The blades are made of a high quality of steel. The reel spiders are of malleable iron and attached to the steel shaft by drilling a hole through each hub and shafting and firmly riveting it in place. The cones are case-hardened and specially tempered by a secret process producing such a hard surface that unless the frame construction is intentionally changed the cone will never require adjustment.

It runs with perfect ease and is almost noiseless.

Decoration.—Wheels red and gold, gold reel and bar, green sides, striped in appropriate colors.

10 Inch Driving Wheels, 6 Inch Reels, Four High Quality Steel Revolving Blades, Ball Bearing, Cones and Ball Cases Case Hardened and Ground, Malleable Iron Reel Spiders, Screw Adjusted Cutter Bar, 5/8 in. Cross Rod, Hardwood Roller and Handle.

Cut	14	16	18	20 in.
Weight	47	49	51	53 lbs.
Each	$18.00	19.00	20.00	21.00

ONE IN A CASE

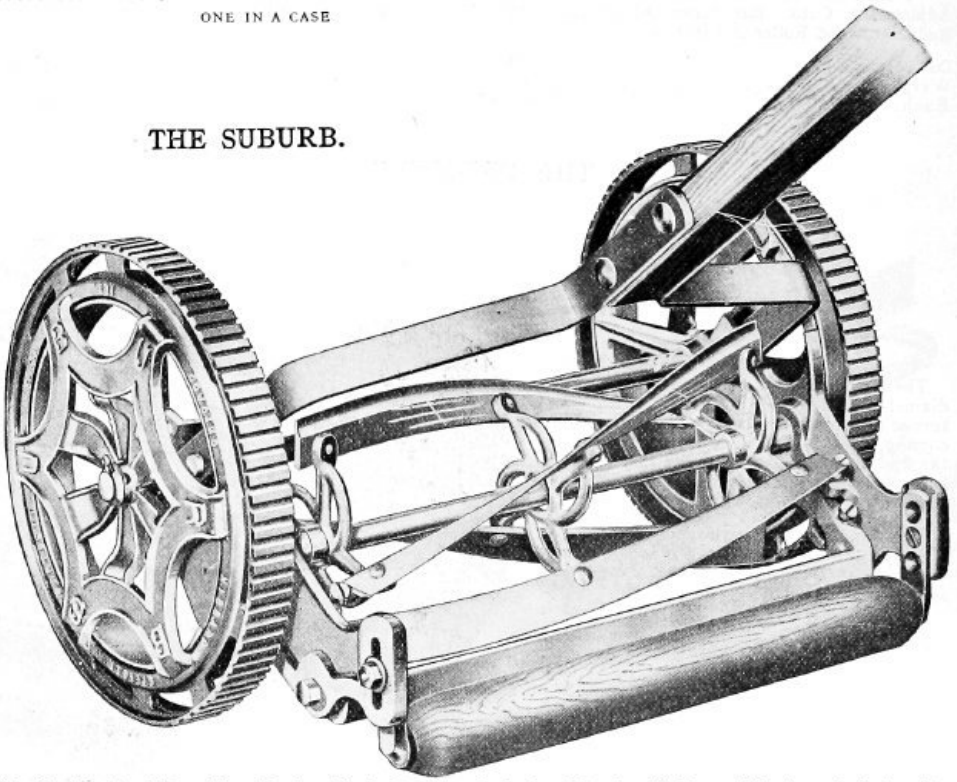
THE SUBURB.

The Suburb though not a ball bearing machine is a well made mower in every particular. All parts are accurately fitted and adjusted.

The blades are of high quality steel with concave edges which allow the user to preserve a perfect cutting edge if the mower is reground or sharpened.

The reel spiders and roller brackets are made of malleable iron, preventing the possibility of breakage. The roller is made with a gudgeon entering the roller 2½ in. instead of an iron pin driven into the roller. This prevents splitting of the roller and runs without noise.

Decoration—Gold wheels, aluminum frame and reel.



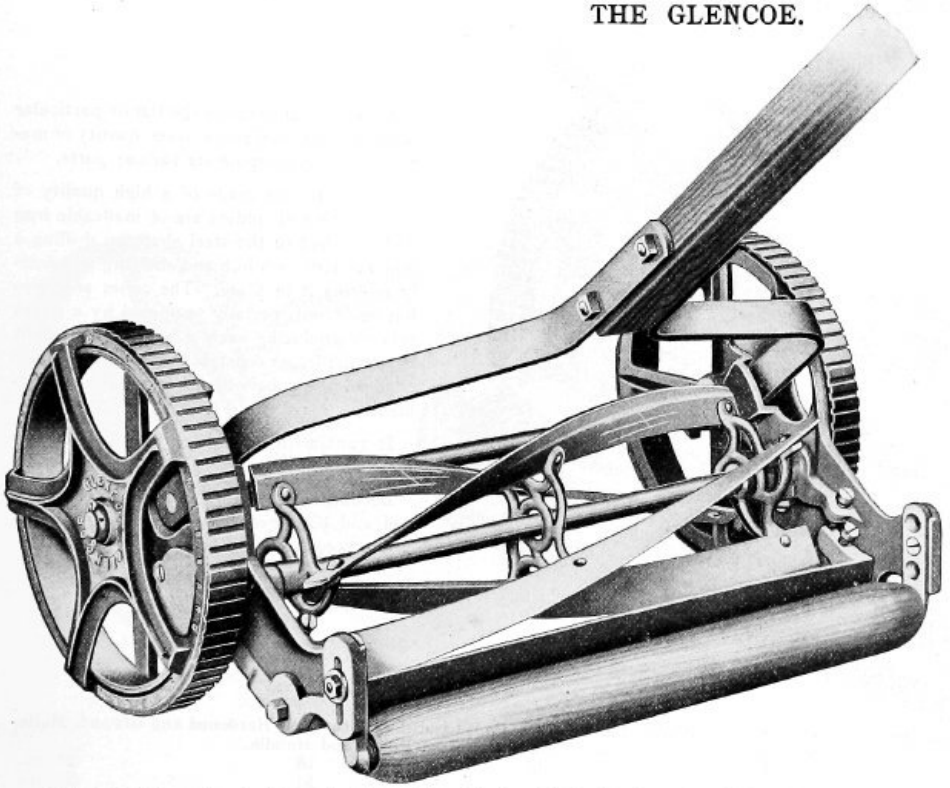
10 Inch Driving Wheels, 6 Inch Reels, Four High Quality Steel Revolving Blades, Plain Bearing, Reel Box Fitted with Brass Adjustment, Cutter Bar Screw Adjustment, 5/8 Inch Cross Rod, Hardwood Roller and Handle.

Cut	14	16	18 in.
Weight	47	49	54 lbs.
Each	$16.00	17.00	18.00

ONE IN A CASE.

H. S. B. & CO.'S LAWN MOWERS.

THE GLENCOE.



The Glencoe is a carefully constructed mower in every way. The blades are made of a high grade steel. The reel spiders and roller brackets are made of malleable iron which eliminates the possibility of breakage at these points.

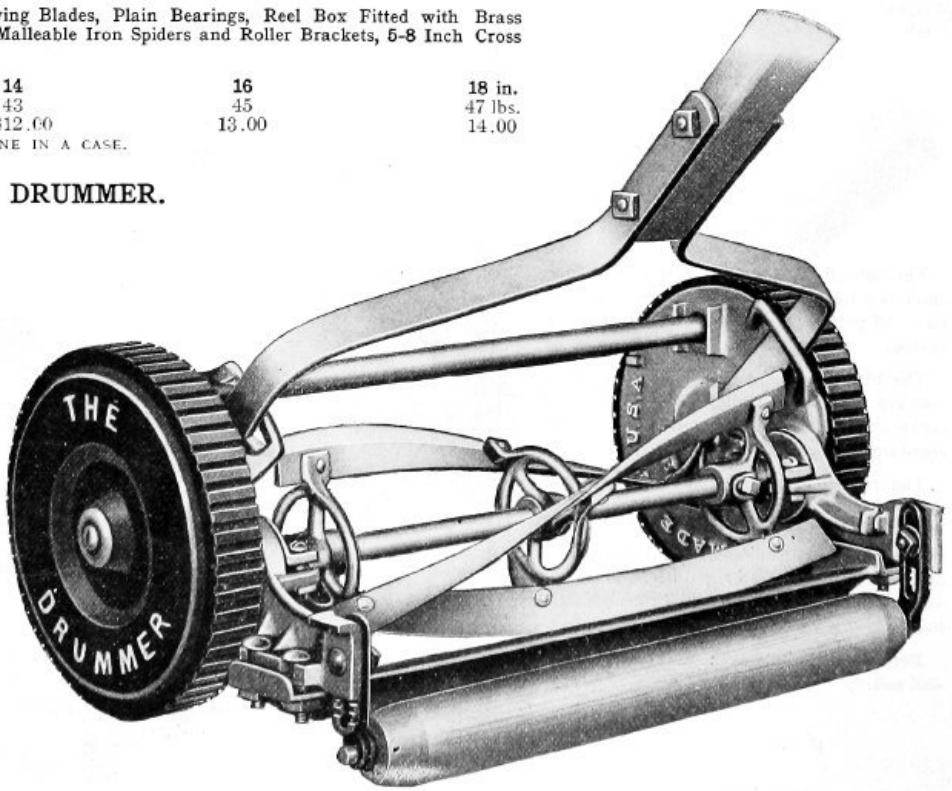
The adjusting screws are operated from the top and against a finger extending from the main body of the bar, thus making it impossible to spring the bar in the operation of adjusting and makes it unnecessary to turn the mower upside down.

9 Inch Driving Wheels, Four Steel Revolving Blades, Plain Bearings, Reel Box Fitted with Brass Adjustment, Cutter Bar Screw Adjustment, Malleable Iron Spiders and Roller Brackets, 5-8 Inch Cross Rod, Hardwood Roller and Handle.

Cut	14	16	18 in.
Weight	43	45	47 lbs.
Each	$12.00	13.00	14.00

ONE IN A CASE.

THE DRUMMER.



The cross rod in the Drummer is 5/8 in. in diameter, cold rolled shafting, with the ends turned down to 1/2 in., with a square shoulder coming against a machined surface or boss on the disc. This cross rod is threaded on each end so that the discs are held rigidly in position with a nut on each end.

The roller is made with a gudgeon entering the roller 2 1/4 in. instead of an iron pin driven in. This prevents the danger of splitting the roller.

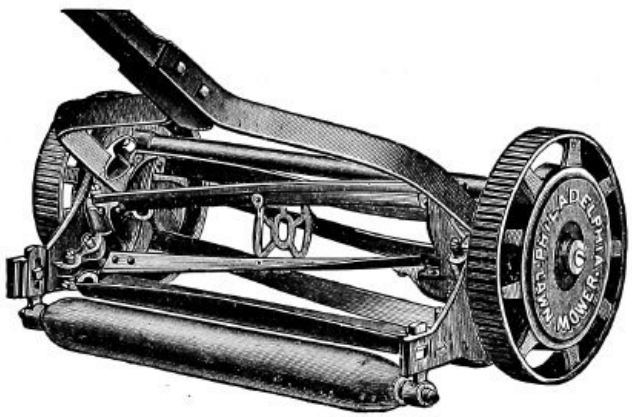
9 Inch Driving Wheels, Three Steel Revolving Blades, Adjustable Cap on Reel Shaft for Taking Up Wear, Malleable Iron Spiders and Roller Brackets, 5-8 Inch Cross Rod, Hardwood Roller and Handle.

Cut	12	14	16	18 in
Weight	40	42	44	46 lbs.
Each	$10.00	10.25	10.50	11.00

ONE IN A CASE.

LAWN MOWERS.

PHILADELPHIA STYLE "K," HIGH WHEEL.

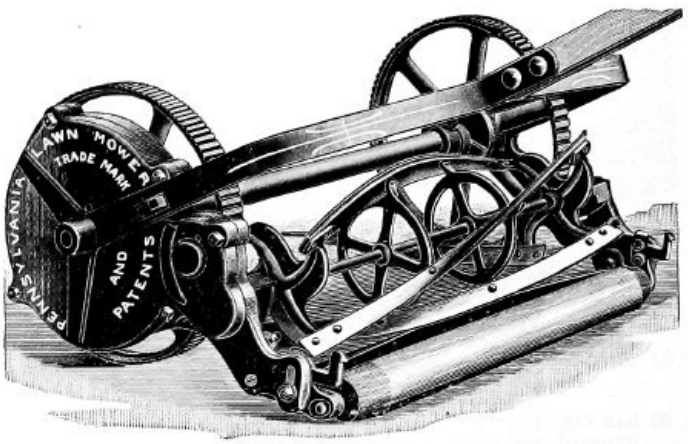


10-Inch Driving Wheels, Five Blades, Open Cylinder, Hardwood Roller and Handle.

Cut	14	16	18 in.
Weight	65	68	73 lbs.
Each	$20.00	22.00	24.00

ONE IN A CASE.

PENNSYLVANIA HIGH WHEEL.

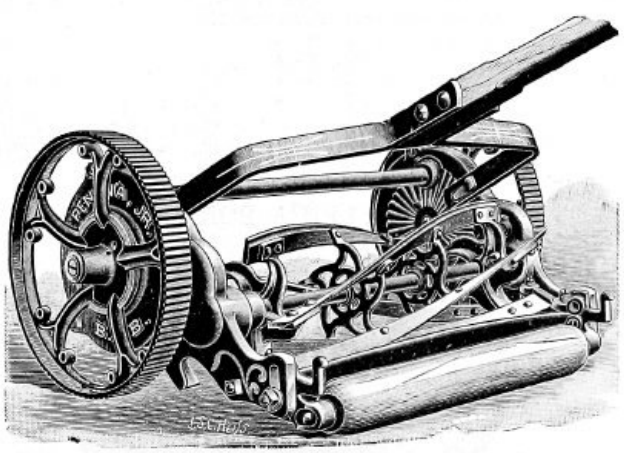


10-Inch Driving Wheels, Four Cast Steel Cutting Blades, 6½-Inch Reel, Hardwood Roller and Handle.

Cut	15	17	19	21 in.
Weight	75	77	81	92 lbs
Each	$25.00	28.00	31.00	34.00

ONE IN A CASE.

PENNSYLVANIA JUNIOR BALL BEARING.

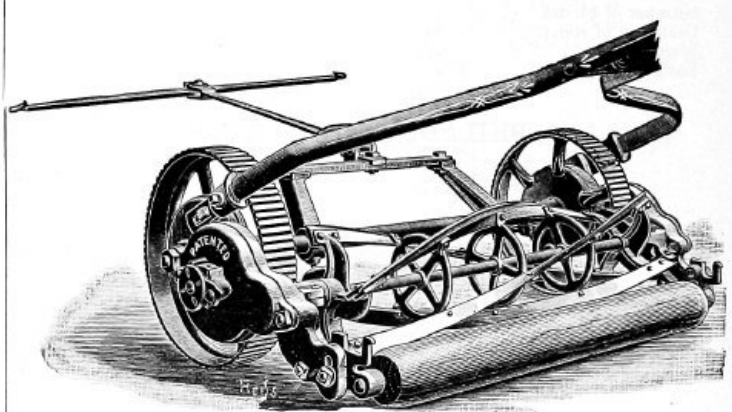


10-Inch Driving Wheels, Five Tempered Crucible Steel Blades, Self-Sharpening Dead Knife, Ball Bearing, Cylinder Journals, 6-Inch Cylinder, Train of Gears each Side, Hardwood Roller and Handle.

Cut	15	17	19	21 in.
Weight	71	74	77	80 lbs.
Each	$25.00	28.00	31.00	34.00

ONE IN A CASE.

PENNSYLVANIA PONY OR TWO-MAN.



25 in. Cut—Large open cylinder, rear cut, 4 blades, Enos bed plate, yielding bed knife, self-sharpening, shifting clutch for throwing out of gear, brass boxes, long bearings, complete with handle and draft irons, w't 110 lbs.★.....each $50.00

ONE IN A CASE.

★*FOR SHIPMENT FROM FACTORY ONLY.*

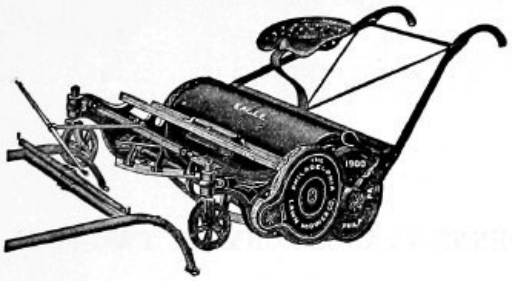
LAWN MOWERS.

CHAMPION PONY.

30 inch Cut—10 in. driving wheels, 6⅛ in. open cylinder, three tempered steel blades, high speed reel, double drive, positive ratchet, very strong and neatly decorated, w't 100 lbs.....each $30.00

ONE IN A CASE.

PHILADELPHIA EAGLE.

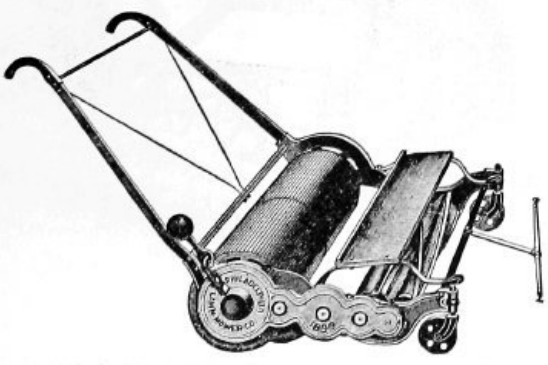


Open Cylinder, Adjustable Boxes, for taking up the Wear of Journals, Bed Knife Adjustable to the Cylinder, Blades are Riveted to the Spiders, with Seat, Shafts, Draft Pole, and Side Draft Attachment.

Nos.	★130	★135	★140	
Cut	30	35	40	in.
Number of blades	5	5	5	
Diameter of roller	14	14	14	in.
Weight	645	670	710	lbs.
Each	$100.00	125.00	150.00	

ONE IN A BOX.

PHILADELPHIA PONY.

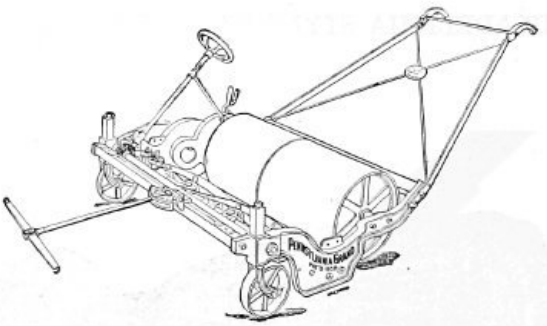


Four Blades, Cut 30 Inches, Diameter of Roller 11¼ Inches, with Draft Rod.

No. 230—*Closed* cylinder, w't 45 lbs.★.....each $100.00
No. 330—*Open* cylinder, w't 450 lbs.★..... " 100.00

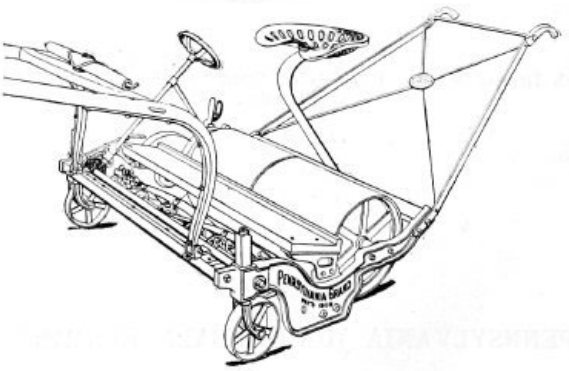
ONE IN A CASE.

PENNSYLVANIA GRAND HORSE.



Crucible Tool Steel Blades, 7½ Inch Open Cylinder, Diameter of Rollers 15 Inches, with Handles and Draft Irons.

No. 630—Cut 30 in., 4 blades, w't 595 lbs.★.....each $100.00
No. 730—Cut 30 in., 6 blades, w't 605 lbs.★..... " 112.50
No. 638—Cut 38 in., 4 blades, w't 675 lbs.★..... " 130.00
No. 738—Cut 38 in., 6 blades, w't 705 lbs.★..... " 142.50

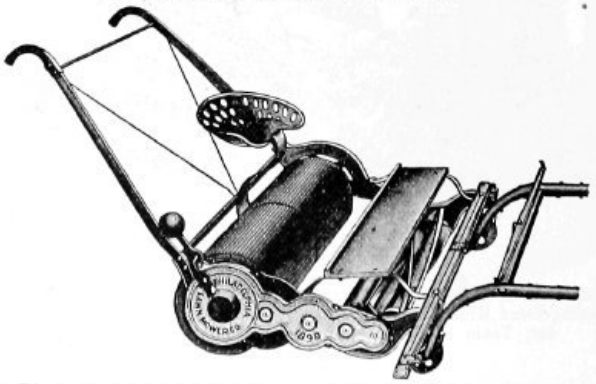


Crucible Tool Steel Blades, 7½ Inch Open Cylinder, Diameter of Roller 15 Inches, with Seat, Shafts and Handles.

No. 830—30 in. cut, 4 blades, w't 635 lbs.★.....each $120.00
No. 930—30 in. cut, 6 blades, w't 645 lbs.★..... " 132.50
No. 838—38 in. cut, 4 blades, w't 720 lbs.★..... " 150.00
No. 938—38 in. cut, 6 blades, w't 750 lbs.★..... " 162.50

The wheel at the right of the driver's seat regulates the height of cut from ⅜ to 2⅞ inches. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one.

PHILADELPHIA PONY.



Four Blades, Diameter of Roller 11¼ Inches, with Seat, Shafts and Side Draft Attachment.

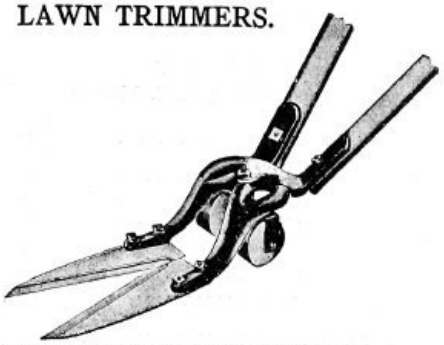
No. 430—Cut 30 in., *closed* cylinder, w't 500 lbs.★.....each $120.00
No. 530—Cut 30 in., *open* cylinder, w't 500 lbs.★..... " 120.00

ONE IN A CASE.

★*FOR SHIPMENT FROM FACTORY ONLY.*

LAWN TRIMMERS, GRASS COLLECTORS, ETC.

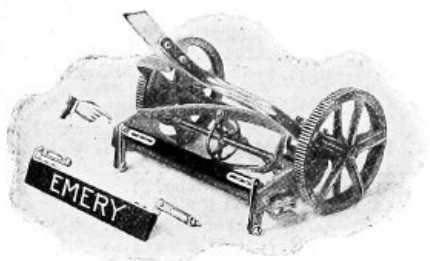
LAWN TRIMMERS.



No. 2—PIERCE IMPROVED, malleable iron castings, shears of best quality steel, ball bearing, w't per doz. 75 lbs., per dozen..... $30.00

ONE-QUARTER DOZEN IN A BOX.

LAWN MOWER SHARPENERS.

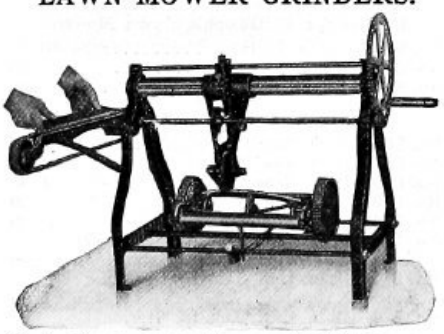


No. 16—SCIENTIFIC, hardwood body coated with emery, with two braces or arms to attach to machine; in 14, 16 and 18 in. lengths, average w't per doz. 10½ lbs., ... per dozen $10.00

These sharpeners represent a scientific sharpening of lawn mower knives, inasmuch as the sharpening bar makes it impossible to grind the knives anyway but squarely and of the absolutely correct bevel. Can be used on any make of lawn mowers.

HALF DOZEN IN A BOX.

LAWN MOWER GRINDERS.

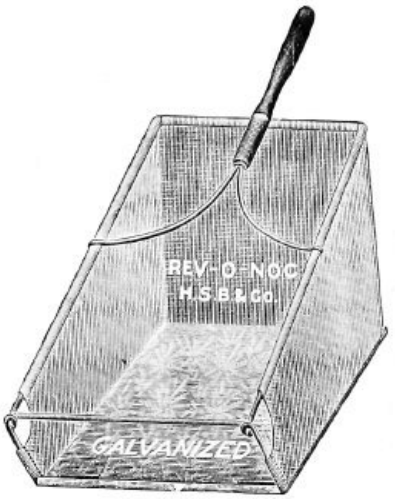


No. 5—JACKSON, black japanned cast iron frame, height 27 in., length 39 in., width 17 in., grinding wheel support is carried on a machined iron shaft of 2½ in. diam., grinder carriage very wide, adjustable bearings, moving belt is furnished heavily coated with carborundum grains which is used to sharpen the bottom plate, w't 100 lbs....each $40.00

The grinding wheel support is five times the size used by other makes. No vibrating or bending of shaft. Therefore there is no wavy or irregular ground reel.

The Jackson sharpens the bottom plate perfectly true. The cut indicates how this work is done. A moving belt being coated with carborundum grains quickly takes out all unevenness in the plate. If only the reel of a lawn mower is sharpened, the mower is only half sharpened. This grinder sharpens all hand lawn mower reels either right or left hand clear to the end. Other makes you must finish the end with a file.

GRASS COLLECTORS.

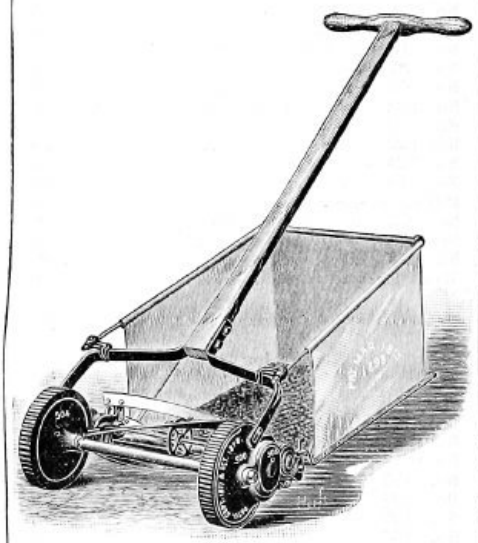


REVONOC Galvanized Iron Bottom, Flexible Canvas Sides, Supported in Hook from Handle, for any Mower.

No. 8 REVONOC—12 to 16 in., w't 5½ lbs., per dozen..... $20.00

No. 10 REVONOC—16 to 21 in., w't 6½ lbs., per dozen..... 24.00

The handle is hung in a screw hook fastened in the handle of the mower. The bottom is hung on two hooks attached to the mower, thereby making it possible to detach the catcher without any trouble by simply lifting it from the hooks. The handle being fastened this way makes it impossible to drag on the ground when filled. It needs no adjustment.



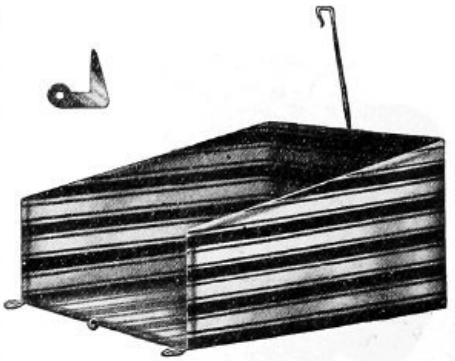
Braun's, Galvanized Iron Bottom, Flexible Canvas Sides, Supported on Truss Rods, for High Wheel Mowers.

Width....	15	17	19	21 in.
Weight...	6	6½	7	7 lbs.
Per dozen.	$22.80	24.00	25.00	27.00

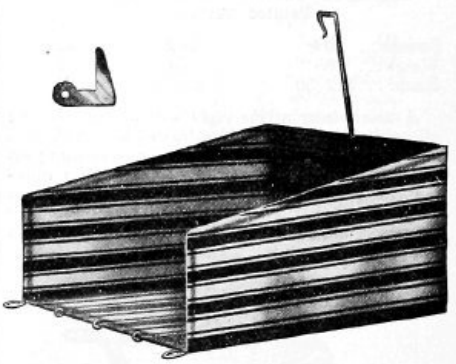
This catcher is supported on truss rods which give strength and firmness, and permit its being folded flat; can be attached or detached in a moment with one motion; can be dumped forward without detaching. The bottom will not sag nor drag on the ground when filled.

HALF DOZEN IN A CRATE.

GRASS COLLECTORS.

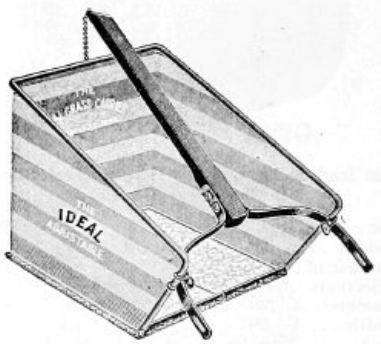


No. 3—MARICOPA, height in front 5 in., in back 9 in., width 18 in., adjustable for 12 to 16 in. mowers, heavy wire frame with one stay wire on under side, blue and white canvas bag, w't per doz. 14 lbs..... per dozen $9.00



No. 1 REVONOC—Height in front 8 in., in back 13 in., width 18 in., adjustable for 12 to 16 in. mowers, heavy wire frame with three stay wires on under side, blue and white canvas bag, w't per doz. 18½ lbs..... per dozen $10.00

No. 2 REVONOC—Height in front 8½ in., in back 13 in., width 23½ in., adjustable for 18 to 21 in. mowers, otherwise same as No. 1, w't per doz. 21½ lbs..... per dozen 12.00



Ideal, Galvanized Iron Bottom, Canvas Bag, Two Malleable Iron Clamps.

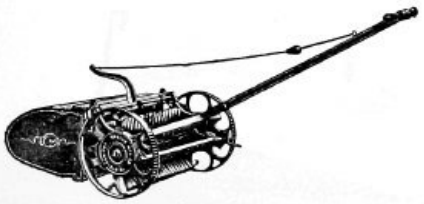
No. 4—Adjustable for 14 to 18 in. mowers, length 20 in., w't per doz. 48 lbs., per dozen..... $18.00

No. 5—Adjustable for 18 to 21 in. mowers, length 25 in., w't per doz. 57 lbs., per dozen..... 20.00

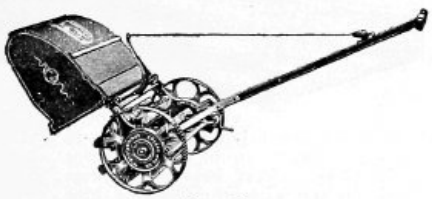
Extra Clamps, for Nos. 4 and 5, w't per doz. 1⅔ lbs..... per dozen 2.50

GRASS SWEEPERS, AND LAWN MOWER PARTS.

GRASS SWEEPERS.



Sweeping.



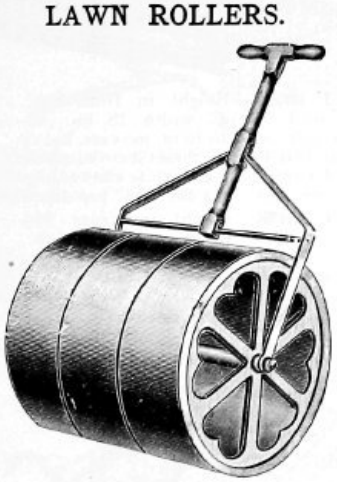
Dumping.

Apollo, 15 Inch Malleable Iron Driving Wheels, Enameled Aluminum Bronze, Grass Pan Painted Vermilion.

Sweeps...	20★	24★	28★ in.
Weight..	65	70	75 lbs.
Each....	$12.50	13.75	15.00

A small lever at the right side of the machine allows the brush-reel to be adjusted to any desired height and takes up wear. The reel is hung on links in such a manner that it may rise automatically to pass over a large stone or obstruction without injury. The brush-heads will wear for years and are easily and cheaply replaced if worn out or broken.

LAWN ROLLERS.



Cast Iron Sections, Smooth Face, Steel Braces, Braced Wood Handle.

Nos.	4	5	6	7	8
Weight.....	250	250	300	300	350 lbs.
Number of Sections..	2	1	3	2	3
Diameter..	20	20	20	20	20 in.
Width.....	20	20	24	24	30 in.
Each.....	$15.50	15.50	18.50	18.50	21.50

Nos.	9	10	11	12
Weight.....	400	450	450	500 lbs.
Number of Sections.....	2	2	3	3
Diameter.....	24	24	24	24 in.
Width.....	20	24	24	30 in.
Each.....	$24.50	27.50	27.50	30.50

Extra weights, 50 to 300 lbs., per pound..$0.05

EXTRA PARTS FOR LAWN MOWERS.

Repairs for Champion.

No. A94—Drive Wheel	each	$0.70
No. 1—Pinion	"	.20
No. A3—Disc., R. H.	"	.70
No. A4—Disc., L. H.	"	.70
No. 4—Roller Arm	"	.12
No. 7—Reel Box Cap, R. H.	"	.12
No. L—Reel Box Cap, L. F.	"	.12
No. 8—Inside Ratchet, R. H.	"	.12
No. 9—Inside Ratchet, L. H.	"	.12
No. X—Outside Ratchet, R.& L.H.	"	.08
No. A6—Hood Washer	"	.12
No. 18 Wrench	"	.12
No. XX—Washer	"	.12
No. 26—Tension Screw	"	.06
No. 27—Cotter for Drive Wheel	doz.	.20
No. 28—Cotter for Reel Shaft	"	.20
No. 29—Pawl	set (4)	.20
No. 30—Steel Pin	each	.04
No. 16—Malleable Spider	"	.20
No. KK—12 in. Cutting Bar	"	.50
N. KK—14 in. Cutting Bar	"	.60
No. KK—16 in. Cutting Bar	"	.70
No. KK—18 in. Cutting Bar	"	.80
No. KK—20 in. Cutting Bar	"	1.00
Wood Rollers, all sizes	"	.30

Champion High Wheel Repairs.

No. DD3—Drive Wheel	each	$0.90
No. DD1—Disc., R. H.	"	.90
No. DD2—Disc., L. H.	"	.90
No. D3—Pinion, R. & L. H.	"	.25
No. D4—Roller Arm., R. H.	"	.12
No. D5—Roller Arm., L. H.	"	.12
No. D6—Hood Washer, R.& L.H.	"	.12
No. D8—Ratchet, R. H.	"	.15
No. D9—Ratchet, L. H.	"	.15
No. DX—Ratchet, R. & L. H.	"	.15
No. DXX—Washer	"	.10
No. D7—Reel Box Cap, R. H.	"	.12
No. DL—Reel Box Cap, L. H.	"	.12
No. D20—Set Screws	"	.06
No. D21—Cotter for Drive Wheel	doz.	.20
No. D22—Cotter for Reel Shaft	"	.18
No. D23—Pawl	set (4)	.20
No. D24—Steel Pin	each	.04
No. 113—Wrench	"	.12
Malleable Spider	"	.20
No. KK—16 in. Cutting Bar	"	.70
No. KK—18 in. Cutting Bar	"	.80
No. KK—20 in. Cutting Bar	"	1.00
Wood Rollers, all sizes	"	.50

Repairs for Drummer.

No. H1—Drive Wheel	each	$0.70
No. HH2—Disc., R. H.	"	.70
No. HH3—Disc., L. H.	"	.70
No. 103—Pinion, R. H.	"	.20
No. 104—Pinion, L. H	"	.20
No. 105—Ratchet Cap, R. H.	"	.12
No. 106—Ratchet Cap, L. H.	"	.12
No. 31—Reel Cap, R. H.	"	.12
No. 32—Reel Cap, L. H.	"	.12
No. L—Washer	"	.06
No. 11—Roller Arms	"	.12
No. C14—Spider	"	.20
No. C15—Spider	"	.20
No. C16—Spider	"	.15
No. 9—Wrench	"	.12
No. A12—Cutting Bar	"	.50
No. A14—Cutting Bar	"	.60
No. A16—Cutting Bar	"	.70
No. A18—Cutting Bar	"	.80
Wood Rollers, all sizes	"	.30

★*FOR SHIPMENT FROM FACTORY ONLY.*

EXTRA PARTS FOR LAWN MOWERS.

Repairs for Bartlett B. B. Mowers.

No. 1143—L. H. Side Plate	each	$2.00
No. 1144—R. H. Side Plate	"	2.00
No. 1145—Drive Wheel, R. & L. H.	"	1.25
No. 1104—Pinion, R. H.	"	.25
No. 1105—Pinion, L. H.	"	.25
No. 1106—Pawl	"	.05
No. 1107—Ball Cup	"	.30
No. 1108—Dust Cup	"	.10
No. 1109—L. H. Cone	"	.40
No. 1110—R. H. Cone	"	.40
No. 1116—15 in. Cast Back for Stationary Knife	each	1.10
No. 1116—17 in. Cast Back for Stationary Knife	each	1.20
No. 1116—19 in. Cast Back for Stationary Knife	each	1.30
No. 1116—21 in. Cast Back for Stationary Knife	each	1.40
No. 1117—15 in. Steel Blade for Stationary Knife	each	.75
No. 1117—17 in. Steel Blade for Stationary Knife	each	.85
No. 1117—19 in. Steel Blade for Stationary Knife	each	.95
No. 1117—21 in. Steel Blade for Stationary Knife	each	1.05
No. 1119—15 in. Wood Roller	"	.50
No. 1119—17 in. Wood Roller	"	.55
No. 1119—19 in. Wood Roller	"	.60
No. 1119—21 in. Wood Roller	"	.65
No. 1120—L. H. Bracket Roller	"	.15
No. 1121—R. H. Bracket Roller	"	.15
No. 1124—Steel Pin for Cone	"	.04
No. 1125—Set Screw for Cone	"	.04
No. 1126—Set Screw for Cast Back	"	.02
No. 1127—Set Screw for Stationary Knife Blade	"	.04
No. 1129—Bolt for Cast Back	"	.02
No. 1131—Bolt for Wheel Bearing	"	.10
No. 1132—Washer for Wheel Bearing	"	.02
No. 1135—Nut for End Shaft	"	.02
No. 1136—Wrench	"	.10
No. 1137—Sharpening Crank	"	.10
No. 1138—Balls	per set	.30
No. 1140—Roller Pin	each	.06

Repairs for Philadelphia Lawn Mowers.

No. 811—Pinion, R. H.	each	$0.25
No. 812—Pinion, L. H.	"	.25
No. K91—Pawls	"	.08

Repairs for Skokie Mowers.

No. L51—R. H. Side Plate	each	$2.30
No. L52—L. H. Side Plate	"	2.30
No. L50—Drive Wheel	"	1.30
No. L53—R. H. Pinion	"	.30
No. L54—L. H. Pinion	"	.30
No. L 4—14 in. Cast Back for Stationary Knife	each	.90
No. L 4—16 in. Cast Back for Stationary Knife	each	1.00
No. L 4—18 in. Cast Back for Stationary Knife	each	1.20
No. 22A—14 in. Steel Blade for Cast Back	each	.50
No. 22A—16 in. Steel Blade for Cast Back,	each	.60
No. 22A—18 in. Steel Blade for Cast Back,	each	.80
No. 24 —14 in. Wood Roller	each	.40
No. 24 —16 in. Wood Roller	"	.50
No. 24 —18 in. Wood Roller	"	.60
No. L 5—R. H. Bracket	"	.14
No. L 6—L. H. Bracket	"	.14
No. 59 —Screw for Wheel	"	.12
No. 30 —Screw for End Cutter Bar	"	.12
No. 31 —Screw for Under Knife	"	.08
No. 32 —Screw for Adjusting Cutter Bar.	each	.08
No. 33 —Bolts for Brackets	each	.08
No. 36 —Washer for Wheel	"	.08
No. 37 —Wrenches	"	.12
No. 65 —Pawls	"	.08

RUBBER HOSE AND TUBING.

GARDEN HOSE.

All garden hose herein listed (except Goodrich) is furnished in bundles of 50 feet each with Sherman couplings at each end.

"OUR VERY BEST."

4-Ply, Special High Grade Duck and Black Rubber, Strong and Durable, Guaranteed.

OVB—½ in., 150 lbs. pressure, w't per per 100 ft. 29 lbs.....per foot $0.30

OVB—¾ in., 125 lbs. pressure, w't per 100 ft. 38 lbs.....per foot .37

"Our Very Best" garden hose is a very reliable and strictly first class 4 ply hose. It is absolutely guaranteed and will prove satisfactory in every respect. The Sherman coupling fitted with a band makes a neat and practical connection. A hose that should merit the attention of the most exacting buyer.

FIFTY FEET IN A BUNDLE, WITH BRASS COUPLINGS.

"REV-O-NOC."

3-Ply, High Grade Duck and Black Rubber, a Very Satisfactory Garden Hose, Guaranteed.

REV-O-NOC—½ in., 100 lbs. pressure, w't per 100 ft. 24 lbs.....per foot $0.25

REV-O-NOC—¾ in., 85 lbs. pressure, w't per 100 ft. 33 lbs.....per foot .30

"Rev-o-noc" hose is made of the same material as our "O. V. B.," the difference in the two being the number of plys. And for an all-around serviceable hose, the "Rev-o-noc" is an exceptionally good one.

FIFTY FEET IN A BUNDLE, WITH BRASS COUPLINGS.

IL-A-NOY, 3 Ply, Good Grade of Duck and Black Rubber.

½ in.—75 lbs. pressure, w't per 100 ft. 22 lbs.....per foot $0.25

¾ in.—60 lbs. pressure, w't per 100 ft. 31 lbs.....per foot .30

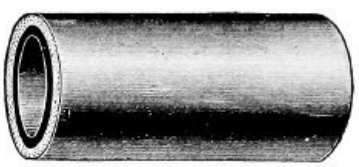
A medium priced, good, serviceable garden hose.

FIFTY FEET IN A BUNDLE, WITH BRASS COUPLINGS.

GARDEN HOSE.

HURON—3 ply, ¾ in., black, guaranteed for 50 lbs. pressure, w't per 100 ft. 30 lbs.....per foot $0.30

FIFTY FEET IN A BUNDLE, WITH BRASS COUPLINGS.



CROW—3 ply, ¾ in., black, not branded, 35 lbs. pressure, w't per 100 ft. 27 lbs., per foot..... $0.30

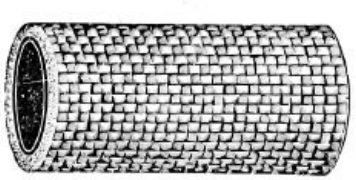
FIFTY FEET IN A BUNDLE, WITH BRASS COUPLINGS.

SANTEE—6 ply, ¾ in., guaranteed for 150 lbs. pressure, w't per 100 ft. 37 lbs., per foot..... $0.55

FIFTY FEET IN A BUNDLE, WITH BRASS COUPLINGS.

WICHITA—8 ply, ¾ in., guaranteed for 200 lbs. pressure, w't per 100 ft. 43 lbs., per foot..... $0.65

FIFTY FEET IN A BUNDLE, WITH BRASS COUPLINGS.



KIOWA—¾ in., white cotton, guaranteed for 75 lbs. pressure, w't per 100 ft. 15 lbs.....per foot $0.35

PONCA—¾ in., white cotton, guaranteed for 150 lbs. pressure, w't per 100 ft. 18 lbs.....per foot .40

APACHE—¾ in., cotton, guaranteed for 200 lbs. pressure, w't per 100 ft. 23 lbs., per foot..... .50

FIFTY FEET IN A BUNDLE, WITH BRASS COUPLINGS.

WIRE WOUND GARDEN HOSE.

We are prepared to furnish all garden hose listed on this page, (except Goodrich), wire wound, at an additional cost of 5 cents list, per foot.

GARDEN HOSE.

GOODRICH REEL, Corrugated, Constructed of Two Seamless Woven Plies Braided Cotton, Good Grade Corrugated Rubber Cover, Black.

½ in.—125 lbs. pressure, w't per 100 ft. 25 lbs.....per foot $0.55

¾ in.—125 lbs. pressure, w't per 100 ft. 37½ lbs.....per foot .60

Sold in full reels of 500 feet only, thus enabling the consumer to get any length he may require. Constructed of two seamless braided cotton tubes, (one within the other) thoroughly impregnated into good rubber, making thick walls of rubber inside and out, very flexible.

FIVE HUNDRED FEET IN A REEL.

RED C. I. TUBING.

Red Cloth Insertion, High Pressure, Adapted for Beer or Other Pumps.

No. 14—5/16 in. inside diam. ⅛ in. walls, w't per 100 ft. 14 lbs.....per foot $0.11

No. 15—⅜ in. inside diam. 5/32 in. walls, w't per 100 ft. 16 lbs.....per foot .12

No. 17—½ in. inside diam. ⅛ in. walls, w't per 100 ft. 19 lbs.....per foot .16

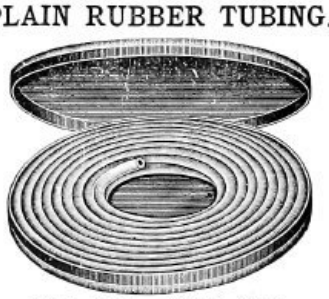
HALF INCH SIZE 50 FT. IN COIL; OTHERS 50 FT. IN A BOX.

Red Cloth Insertion Black Inner Tube, Especially Adapted for Gas.

No. 40—⅜ in. inside diameter, 5/32 in. walls, w't per 100 ft., 16 lbs...per foot $0.10

FIFTY FEET IN A BOX.

PLAIN RUBBER TUBING.



White Rubber, 3-32 in. Wall.

No. 5—Sizes.....	¼	⅜	½ in.
W't per 100 ft..	9	11	18 lbs.
Per foot.....	$0.16	.20	.25

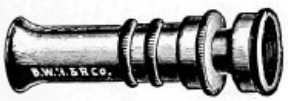
Especially adapted for water, wine, etc., but not for gas or oils.

TWENTY-FIVE OR FIFTY FEET IN A PASTEBOARD BOX.

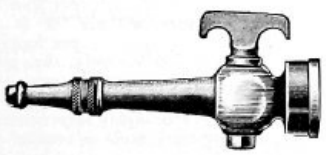
GARDEN HOSE FIXTURES.

GARDEN HOSE NOZZLES.

No. 3—GEM, polished cast bronze metal, for ¾ in. hose, will spray or throw solid stream, and can be regulated or closed, length 3½ in., w't per doz. 5½ lbs.....per dozen $8.00
ONE DOZEN IN A BOX.



No. 6—GENUINE BOSTON, polished cast brass, for ¾ in. hose, will spray or throw solid stream and can be regulated or closed, length 4¼ in., w't per doz. 4½ lbs.....per dozen $7.50
ONE DOZEN IN A BOX.



No. 5—MAGIC, polished cast brass, for ¾ in. hose, screw top, will spray or throw solid stream, with stop cock, length 5 in., w't per doz. 5½ lbs....per dozen $9.00
ONE DOZEN IN A BOX.

No. 40— DIAMOND, polished cast brass, for ¾ in. hose, screw tip, will spray or throw solid stream, length 4⅛ in., w't per doz. 6 lbs.....per dozen $10.00
The spray can be graduated from a fine mist to a coarse spray. A fine operating and designed nozzle. Not rough on the inside but finished throughout.
ONE DOZEN IN A BOX.

OAKLAND—Cast brass, polished, for ¾ in. hose, throws either straight or spray stream, length 3⅛ in., w't per doz. 2½ lbs.....per dozen $4.50

By turning the spray key the deflecting plate may be thrown into the stream of water or turned entirely aside, thus giving the ordinary full straight stream. There is no shut-off on this type, for the nozzle may be laid on the grass with key side down, while the user shuts off the water, and the turf cannot be torn up by the stream.
ONE DOZEN IN A BOX.

No. 9—Plain stub, cast brass, polished, for ¾ in. hose, throws solid stream only, length 3 in., w't per doz. 3¾ lbs., per dozen..... $3.50
TWO DOZEN IN A BOX.

GARDEN HOSE NOZZLES.

No. 4—Cast brass, polished, for ¾ in. hose, screw tip, throws solid stream only, length 8 in., w't per doz. 6 lbs., per dozen..... $7.50
TWO DOZEN IN A BOX.

GARDEN HOSE COUPLINGS.

No. 1 — Cast brass, cast brass nut, for ½ in. hose, w't per doz. 2 lbs. per dozen $2.00
No. 1¾—Cast brass, cast brass nut, for ¾ in. hose, w't per doz. 2¼ lbs; per dozen 2.00
LOOSE.

No. 2 Complete. Parts.

No. 2—Snap, brass, for attaching hose to faucet nozzle, or for coupling two lengths of hose.....per dozen 5.00
Extra Parts—Brass, for No. 2 snap, per dozen..... 3.00
For use any place where a quick and easy connection is desired. It is necessary only to screw the snap coupling threaded parts on the old threaded parts already in use and coupling is complete.

WASHERS.

Rubber Washers, for ½ or ¾ in. hose couplings.....per pound $1.50
ONE POUND IN A BOX.

HOSE CLAMPS.

SHERMAN'S, Single, Wrought Brass.

No. 7—Size.....	½	¾	1 in.
W't per doz.....	½	⅝	1½ lbs.
2 ply....per dozen	$0.60	.60	
3 ply.... "	.60	.60	
4 ply.... "	.60	.60	2.00

No. 7—Size.....	1¼	1½	2	2½ in.
W't per doz.....	1¾	2½	3¼	5 lbs.
3 ply.....per dozen	$2.50			
4 ply..... "	2.50	3.00	4.00	7.00

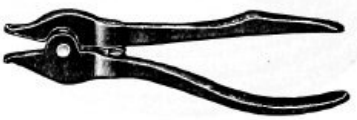
The ½ and ¾ in. two ply are adapted to cotton hose.
On all orders where ply is not specified we will send three ply up to and including 1¼ in.

SHERMAN'S, Double.

No. 17—Wrought brass, for ¾ in. three ply hose, w't per doz. 1 lb....per dozen $1.20
Very useful in connection with menders in repairing hose.
SIX DOZEN IN A BOX.

HOSE STRAPS AND FASTENERS.

Nos. 4 and 8.



No. 10.

CALDWELL'S.

No. 4—Hose straps, welded brass wire, for ½ in. hose, w't per gro. 1½ lbs., per gross..... $1.80
No. 8—Hose straps, welded brass wire, for ¾ in. hose, w't per gro. 2¼ lbs., per gross..... 1.80
ONE GROSS IN A BOX.

No. 10—Hose strap fasteners, japanned iron, with spring, length 6½ in., w't per doz. 10 lbs.....per dozen 4.00
LOOSE.

GARDEN HOSE MENDERS.

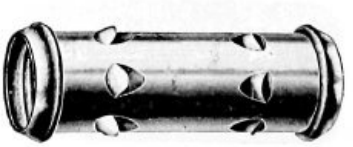
MAGIC, Wood, Length 2⅝ Inches.

No. 20½—For ½ in. hose, w't per gro. 2 lbs.....per gross $1.10
No. 20¾—For ¾ in. hose, w't per gro. 2¼ lbs.....per gross 1.20
ONE GROSS IN A BOX.

No. 19—For ¾ in. hose, cast iron, length 3 in., w't per doz. 2¼ lbs....per dozen $0.50
LOOSE.

Wrought Brass, Length 1¾ Inches.

No. 18½—For ½ in. hose, w't per doz. ½ lb.....per dozen $0.70
No. 18¾—For ¾ in. hose, w't per doz. ¾ lb.....per dozen .70
TWELVE DOZEN IN A BOX.

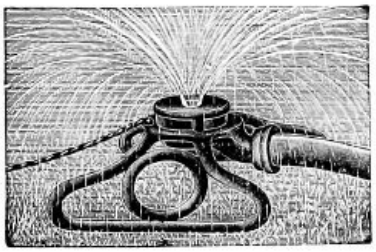


COOPER, Seamless Brass Tube, 2¾ in. Long.

No. 22½—For ½ in. hose, w't per doz. ¾ lb.....per dozen $1.50
No. 22¾—For ¾ in. hose, w't per doz. 1 lb.....per dozen 1.50
Simple, practical and effective, does not reduce diameter of hose, will not rust, no wires, no pliers or mechanical skill to adjust.
THREE DOZEN IN A BOX.

LAWN SPRINKLERS AND HOSE REELS.

LAWN SPRINKLERS.



No. 02—ELGIN, japanned iron, colored top, 7 in. runners, length 9 in., for ¾ in. hose, w't per doz. 30 lbs.....per dozen $8.00
ONE-QUARTER DOZEN IN A BOX.

No. 4. No. 7.

No. 4—FOUNTAIN, heavy brass, polished and lacquered, diam. 8 in., w't per doz. 9 lbs.....per dozen $12.00

No. 7—NIAGARA, heavy brass, highly polished, three rows of perforations, diam. 8½ in., w't per doz. 10 lbs., per dozen..... 12.00

These are ideal sprinklers; no moving parts to get out of order, durable and very easy to operate, adapted to ¾ in. hose, any pressure.
NO. 4, ONE, AND NO. 7, HALF DOZEN IN A BOX.

No. 1. No. 3.

No. 1—Spiral, cast iron, japanned, diam. of base 3½ in., for ¾ in. hose, w't per doz. 12 lbs.....per dozen $ 4.50

No. 3—STEARNS', cast iron base, japanned, diam. 7½ in., with nickel plated non-rust cap, for ¾ in. hose, w't per doz. 35 lbs.....per dozen 12.00

These sprinklers throw a finely divided spray; adapted to any pressure.
ONE IN A BOX.

No. 5—CACTUS, japanned iron frame, polished brass top, 5 in. runners, length 5 in., no revolving parts, for ¾ in. hose, w't per doz. 30 lbs....per dozen $18.50

This sprinkler throws a finely divided spray and is adapted to any pressure.
ONE IN A BOX.

LAWN SPRINKLERS.

No. 20.

No. 19.

No. 20—SUNSHINE, brass head, painted red, 3 brass arms, japanned frame, ball bearings, for ¾ in. hose, w't per doz. 37½ lbs.....per dozen $18.00

No. 19—PLUVIUS, with sled, otherwise same as No. 20, w't per doz. 46½ lbs.....per dozen 18.00

Adapted to any pressure and will throw a fine misty spray which will not injure the most delicate flowers.
ONE IN A CARTON, ONE DOZEN IN A CASE.

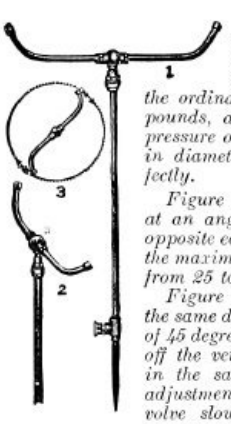
No. 21.

No. 22.

No. 21—COLUMBIA, polished brass head and arms, ground bearings, japanned frame, for ¾ in. hose, w't per doz. 35 lbs.....per dozen $20.00

No. 22—CYCLONE, with sled, otherwise same as No. 21 Columbia, w't per doz. 47 lbs.....per dozen 20.00

Adapted to any pressure and will throw a fine misty spray which will not injure the most delicate flowers.
ONE IN A CARTON, ONE DOZEN IN A CASE.



The sprinkler arms can be adjusted to cover a space from 6 feet to 50 feet in diameter with the ordinary city pressure of 30 pounds, and with the minimum pressure of 15 pounds, thirty feet in diameter can be covered perfectly.

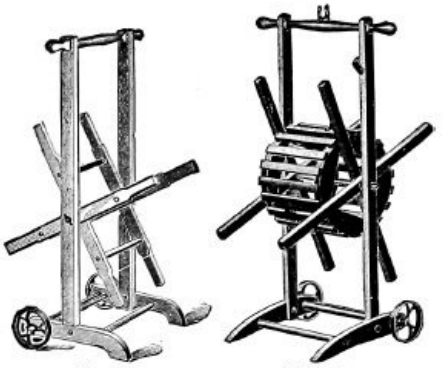
Figure 1 shows the arms set at an angle of about 45 degrees opposite each other, which gives it the maximum speed and will cover from 25 to 30 feet in diameter.

Figure 2 shows the arms set in the same direction, one at an angle of 45 degrees, and the other slightly off the vertical position pointing in the same direction. In this adjustment the sprinkler will revolve slowly but will cover the maximum amount of space.

Figure 3 shows the direction in which the sprinkler should be operated.

No. 234—FISHER, nickel plated brass arms and head, steel tube or shank painted black, height from ground 23 in., length over all 29 in., w't per doz. 36 lbs..... per dozen $42.00
LOOSE.

HOSE REELS.

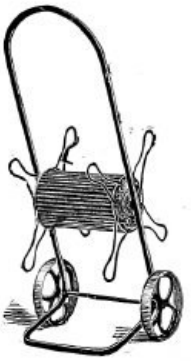


No. 05. No. 30.

No. 05—Hardwood frame and hose receiver, oiled, height 38 in., two 5 in. cast iron wheels, cross handle, capacity 100 ft. of ¾ in. hose, w't per doz. 115 lbs.....per dozen $11.50
TWO IN A BUNDLE.

No. 30—Hardwood frame and drum, neatly painted and varnished, height 36 in., capacity 150 ft. of ¾ in. hose, w't per doz. 125 lbs.....per dozen 24.00

The drum of the No. 30 reel is so constructed as to keep the hose in perfect condition, preventing kinking when winding up same.
ONE-THIRD DOZEN DRUMS IN A CRATE; ONE-THIRD DOZEN FRAMES IN A BUNDLE.



No. 8—All metal, tubular steel frame, steel wire holds, 6½×10 in. corrugated iron drum, 7 in. cast iron wheels, painted capacity 100 ft. of ¾ in. hose, w't per doz. 150 lbs.,.....per dozen $36.00
THREE IN A BUNDLE.

No. 10—Frame and wheel rims of steel tubing, 21 in. wheels, steel spokes, capacity 100 ft. of ¾ in. hose, w't per doz. 204 lbs.....per dozen $54.00

No. 20—Capacity 150 ft. of ¾ in., or 75 ft. of 1 in. hose, otherwise same as No. 10, w't per doz. 210 lbs. per dozen 60.00
TWO IN A BUNDLE.

WATER, SUCTION AND MILL HOSE.

WATER.

"OUR VERY BEST".

Special 4 Ply, High Grade Duck and Black Rubber.

OVB—Inches	1	1¼	1½
Pressure	200	200	200 lbs.
W't per 100 ft.	57	66	75 lbs.
Per foot	$0.50	.62	.75

OVB—Inches	2	2½
Pressure	200	200 lbs.
W't per 100 ft.	130	150 lbs.
Per foot	$1.00	1.25

FIFTY FEET IN A COIL; WITHOUT COUPLINGS; FOR COUPLINGS SEE NEXT PAGE.

"REV-O-NOC".

Special Grade Duck, and Black Rubber. A Good Hose.

REV-O-NOC—1 in., 3 ply, 80 lbs., pressure, w't per 100 ft. 40 lbs ..... per foot $0.40

REV-O-NOC—1 in., 4 ply, 150 lbs. pressure, w't per 100 ft. 46 lbs..... per foot .50

FIFTY FEET IN A COIL, WITHOUT COUPLINGS; FOR COUPLINGS SEE NEXT PAGE.

DISCHARGE.

"REV-O-NOC".

REV-O-NOC—1 in., 3 ply, black, used in connection with suction hose, w't per 100 ft 45 lbs..... per foot $0.40

Strictly high grade, guaranteed.

FIFTY FOOT IN A COIL WITHOUT COUPLINGS, FOR COUPLINGS SEE NEXT PAGE.

WIRE WINDING.

Below is given additional list prices at which any of the above hose wire wound may be had.

Half Round Wire, for Four Ply Hose.

Inches	1	1¼	1½	2	2½
Extra per foot	$0.16	.20	.24	32	.40

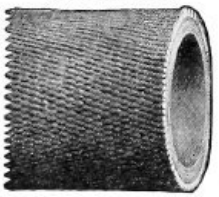
1 Inch—Half round wire for 3 ply hose, extra per foot $0.14

Round Wire, for Four Ply Hose.

Inches	1	1¼	1½	2	2½
Extra per foot	$0.16	.20	.24	32	.40

1 Inch—Round wire, for 3 ply hose, extra per foot $0.14

SUCTION.



4 Ply, Woven Jacket, Hard Rubber, without Wire Insertion, Color Green.

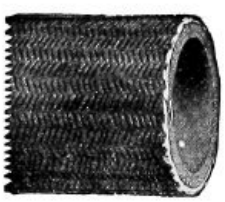
OVB—Inches	¾	1	1¼
W't per 100 ft.	72	84	104lbs.
Per foot	$0.65	.75	.93

FIFTY FEET IN A COIL,

Woven Jacket, Wire Insertion, Color Green.

OVB—2 in., raised ends, w't per 100 ft. 152 lbs..... per foot $1.50

FIFTEEN, TWENTY AND TWENTY-FIVE FOOT LENGTHS.



Braided Jacket, Wire Insertion, Color Green.

REV-O-NOC—2 in., raised ends, w't per 100 ft. 143 lbs. ..... per foot $1.50

FIFTEEN, TWENTY AND TWENTY-FIVE FOOT LENGTHS.

IL-A-NOY—2 in., 3 ply, wire lined smooth bore, black, lengths 15, 20 and 25 feet, with raised ends, w't per 100 ft. 115 lbs., per foot $1.50

This is a good grade of agricultural hose and is guaranteed.

SUCTION.

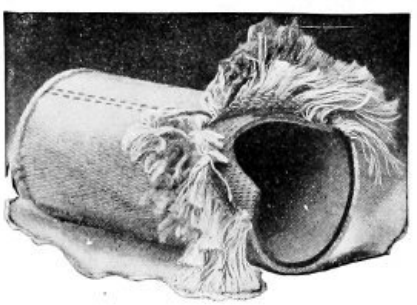
"REV-O-NOC".

REV-O-NOC—1 in., 4 ply, hard rubber, without wire insertion, w't per 100 ft. 66 lbs., per foot $0.75

Strictly high grade, guaranteed. Used in connection with wire lined suction hose.

FIFTY FEET IN A COIL, WITHOUT COUPLINGS, FOR COUPLINGS SEE NEXT PAGE.

MILL.



Single Jacket, Cotton, Rubber Lined.

APACHE—Inches	1	1¼	1½	2	2½
Pressure	400	400	400	400	400 lbs.
W't per 100 ft.	38	42	52	70	90 lbs.
Per foot	$0.35	.45	.50	.60	.70

This hose is constructed of the best and strongest yarn made, circular woven. The rubber lining is made from fine elastic rubber, three calendred lap jointed.

Will give efficient service in mills and factories as fire hose. Test pressure given is on arrival.

Single Jacket, Cotton, Rubber Lined.

PONCA—Inches	1	1¼	1½	2	2½
Pressure	350	350	350	350	350 lbs.
W't per 100 ft.	32	36	46	62	80 lbs.
Per foot	$0.35	.45	.50	.60	.70

The "Ponca" has a two calendred lap joined rubber lining, and full standard weight jacket, will give good service with proper care.

FIFTY FEET IN A COIL, WITHOUT COUPLINGS; FOR COUPLINGS SEE NEXT PAGE.

Single Jacket, Cotton, Rubber Lined.

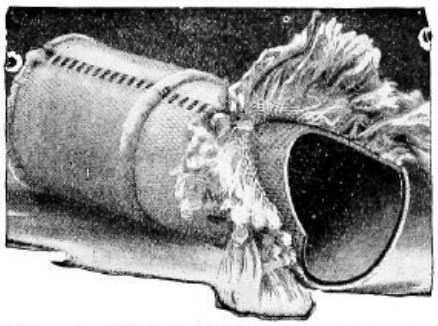
KIOWA—Inches	1	1¼	1½	2	2½
Pressure	250	250	250	250	250 lbs.
W't per 100 ft.	28	32	40	52	68 lbs.
Per foot	$0.35	.45	.50	.60	.70

Kiowa hose is designed to meet the demand for a serviceable low priced mill hose.

FIFTY FEET IN A COIL, WITHOUT COUPLINGS; FOR COUPLINGS SEE NEXT PAGE.

FIRE, STEAM HOSE AND COUPLINGS.

FIRE HOSE.



Cotton, Double Jacket, Rubber Inner Tube with Couplings.

APACHE—2½ in., 400 lbs. pressure on delivery, w't per 100 ft. 130 lbs.,★ per foot $1.60

Fine quality rubber inner lining, extra heavy cotton jackets, tightly woven.

A strictly high grade fire department hose, adapted to all places where the pressure is most excessive and continued usage may be required.

PONCA—2½ in., 350 lbs. pressure on delivery, w't per 100 ft. 116 lbs.,★ per foot $1.40

The "Ponca" is a seamless circular woven long fibre cotton fire hose and possesses ample strength for any fire department.

KIOWA—2½ in., 300 lbs. pressure on delivery, w't per 100 ft. 100 lbs.,★ per foot $1.20

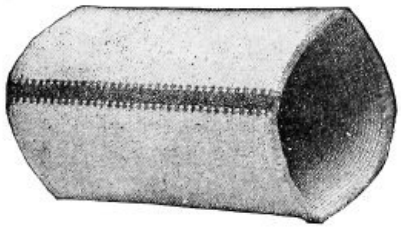
Good quality rubber lining, seamless circular woven jackets, standard weight.

The Kiowa is a good cheap fire hose.

★*FOR FACTORY SHIPMENT ONLY.*

ANY OF THE ABOVE GRADES OF FIRE HOSE MAY BE HAD WITH SINGLE JACKET AT 10 CENTS PER FOOT LESS THE DOUBLE JACKET PRICES.

FIFTY FEET IN A SECTION, WITH COUPLINGS.



Unlined Linen.

YALE—Inches...	**1¼**	**1½**	**2**	**2½**
Pressure.....	500	500	500	500 lbs.
W't per 100 ft...	14	16	22	26 lbs.
Per foot.....$0.26		.29	.36	.41
KING—Inches...	**1¼**	**1½**	**2**	**2½**
Pressure.....	400	400	400	400 lbs.
W't per 100 ft...	11½	13½	18	21½ lbs.
Per foot $0.24		.28	.33	.38
RIVAL—Inches	**1¼**	**1½**	**2**	**2½**
Pressure.....	300	300	300	300 lbs.
W't per 100 ft.....	9¼	11	14½	18 lbs.
Per foot $0.18½		.22	.25	.29

Our Yale grade is listed, approved and labeled by the National Board of Underwriters.

The King grade is built in accordance with specifications of the National board of Underwriters but not approved or labeled.

The Rival, a competition hose, will give good service with proper care.

IN REELS OF 50 FT. CAN BE FURNISHED IN 25, 50, 75 AND 100 FOOT LENGTHS, WITHOUT COUPLINGS.

STEAM HOSE.

"OUR VERY BEST."

Special Heavy Thick Tube, Duck Cover, Rubber Inside.

OVB—½ in. 3 ply, w't per 100 ft 36 lbs.....per foot $0.43

4 Ply.

OVB—Inches .	½	¾	1
W't per 100 ft. .	42	61	83 lbs.
Per foot. $0.51		.67	.83
OVB—Inches..	1¼	1½	2 in.
W't per 100 ft..	112	121	175 lbs.
Per foot. $1.04		1.25	1.66

6 Ply.

OVB—Inches..	¾	1	1¼
W't per 100 ft. .	77	100	131 lbs.
Per foot. $1.00		1.24	1.56
OVB—Inches.		1½	2
W't per 100 ft.....		157	204 lbs.
Per foot. $1.87			2.49

Under the trying conditions of steam hose work, our hose will test favorably with any brand of equal grade, no steam hose is guaranteed for wear.

FIFTY FEET IN A COIL WITHOUT COUPLINGS, FOR COUPLINGS SEE NEXT COLUMN.

"REV-O-NOC."

Special Heavy Thick Tube, Duck Cover, Rubber inside; almost equal to our "O.V.B."

REV-O-NOC—½ in., 3 ply, w't per 100 ft. 33 lbs.....per foot $0.43

4 Ply.

REV-O-NOC—Inches..	½	¾	1
W't per 100 ft. .	36	56	75 lbs.
Per foot. $0.51		.67	.83
REV-O-NOC—Inches. .	1¼	1½	2
W't per 100 ft. .	93	107	155 lbs.
Per foot. $1.04		1.25	1.66

6 Ply.

REV-O-NOC—Inches..	¾	1	1¼
W't per 100 ft..	70	94	114 lbs.
Per foot. $1.00		1.24	1.56
REV-O-NOC—Inches....		1½	2
W't per 100 ft.		138	162 lbs.
Per foot. $1.87			2.49

Under the trying conditions of steam hose work, our hose will test favorably with any brand of equal grade, no steam hose is guaranteed for wear.

FIFTY FEET IN A COIL, WITHOUT COUPLINGS; FOR COUPLINGS SEE NEXT COLUMN.

WATER CONDUCTING HOSE COUPLINGS.

Brass, Hose Pipe Thread.

Inches.....	**1**	**1¼**	**1½**
W't per doz....	4¼	10½	12¾ lbs.
Per dozen $4.40		10.00	14.00
Inches.....	**2**		**2½**
W't per doz....	23½		35½ lbs.
Per dozen $24.00			48.00

LOOSE.

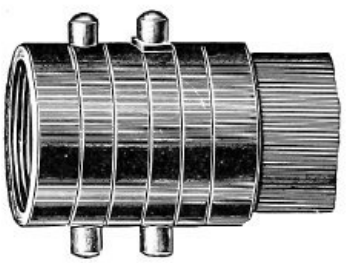
STEAM HOSE COUPLINGS.

Brass, With Nuts or Lugs. Iron Pipe Thread.

Inches.....	**½**	**¾**	**1**
W't per doz....	7	8½	13 lbs.
Per dozen $15.00		15.00	18.00
Inches.....	**1¼**	**1½**	**2**
W't per doz....	22½	29	48 lbs.
Per dozen $24.00		30.00	42.00

LOOSE.

AUTOMATIC COUPLINGS.



For Coupling Mill Hose With Automatic Couplings.

Inches.....	**1¼**	**1½**	**2**	**2½**
Extra per 50 ft. length	$2.00	2.75	3.25	3.50

These couplings are a trifle lighter than the regular fire hose couplings but for mill and kindred uses give entire satisfaction.

In ordering hose pipe couplings unless for iron pipe or hose pipe thread, exact measurements and thread must be furnished. It is always better to send sample of hose as different makes of hose vary a great deal.

LOOSE.

FIRE HOSE NOZZLES, PIPES, RACKS, ETC.

HOSE NOZZLES.

No. 97 Brass, Hose Pipe Thread.

SIZES INCHES.	DISCHARGE INCHES.	WT. PER DOZ.	PER DOZEN.
1¼x4 ¾	3/8	7 lbs.	$12.00
1¼x12	3/8	15 lbs.	18.00
1½x 5¾	7/16	7 lbs.	18.00
1½x12	7/16	14 lbs.	22.00
2 x 6¾	9/16	15 lbs.	26.00
2 x12	9/16	18 lbs.	34.00
2½x 7½	5/8	22 lbs.	37.40
2½x12	5/8	30 lbs.	55.00
2½x15	¾	36 lbs.	65.00
2½x22	1	75 lbs.	90.00

For iron pipe thread an additional charge will be made.

LOOSE.

HOSE PIPES.

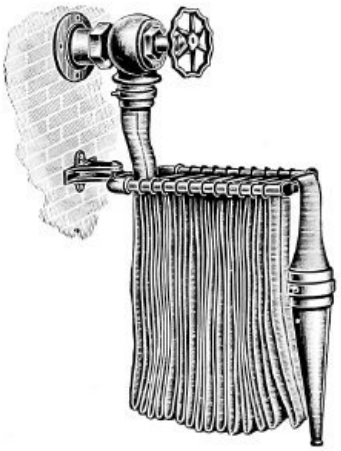
With Screw Tips, Hose Pipe Thread.

SIZES INCHES.	DISCHARGE INCHES.	WT. PER DOZ.	PER DOZEN.
1¼x12	7/16	14 lbs.	$20.00
1¼x15	5/8	18 lbs.	24.00
1½x12	7/16	18 lbs.	25.00
1½x15	5/8	25½ lbs.	30.00
2 x12	5/8	20 lbs.	38.00
2 x15	5/8	30 lbs.	45.00
2 x20	5/8	45 lbs.	50.00
2½x15	5/8	42 lbs	75.00
2½x20	1	72 lbs.	96.00
2½x24	1	72 lbs.	100.00

For iron pipe thread an additional charge will be made.

LOOSE.

HOSE RACKS.



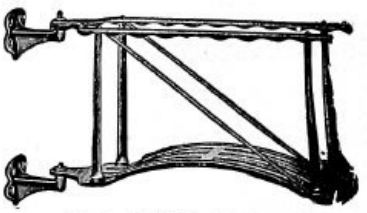
Malleable Iron, Style J, to Attach to Wall, for Unlined Linen Hose.

No. 70—For 50 ft. 1½ in. hose, w't 13 lbs.....each $5.00
No. 71—For 50 ft. 2 in. hose, w't 14 lbs., each..... 5.00
No. 72—For 50 ft. 2½ in. hose, w't 14½ lbs.....each 5.00
No. 73—For 75 ft. 1½ in. hose, w't 14½ lbs.....each 5.00
No. 74—For 75 ft. 2 in. hose, w't 15 lbs., each..... 5.00
No. 75—For 75 ft. 2½ in. hose, w't 17 lbs.....each 5.00
No. 76—For 100 ft. 1½ in. hose, w't 15 lbs.....each 6.00
No. 77—For 100 ft. 2 in. hose, w't 16 lbs., each..... 6.00
No. 78—For 100 ft. 2½ in. hose, w't 17 lbs.....each 6.00
No. 79—For 150 ft. 1½ in. hose, w't 17 lbs., each..... 7.00
No. 80—For 150 ft. 2 in. hose, w't 18 lbs., each..... 7.00
No. 81—For 150 ft. 2½ in. hose, w't 19 lbs.....each 7.00

When hose is withdrawn pins do not drop to the floor.

ONE IN A CASE.

HOSE RACKS.



Hartford, Malleable Iron.

No. 23—For 50 ft. 1½ or 2 in. rubber lined hose or 150 ft. 1½ or 2 in., unlined hose, w't 23 lbs.....each $7.00
No. 24—For 50 ft. 2½ in. rubber lined hose or 150 ft. 2½ in. unlined hose, w't 26 lbs .....each 7.00
No. 25—For 100 ft. 1½ or 2 in. rubber lined hose, w't 30 lbs .....each 7.50
No. 26—For 100 ft. 2½ in. rubber lined hose, w't 32 lbs..... 8.00

In ordering No. 23, specify whether 1½ or 2 in. is to be carried.

Nos. 25 and 26 will carry heavy hose of almost any make in 50 ft. lengths.

In ordering state whether wall brackets or pipe clamps are desired, and if latter, state size of the pipe.

ONE IN A CASE.

SWINGING HOSE REELS.

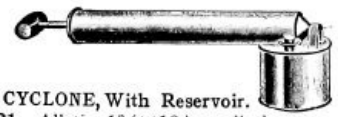
Malleable Iron.

No. 1—For 1¼, 1½ in. unlined linen hose 175 ft. long, or rubber lined cotton hose 50 ft. long, w't 27½ lbs....each $6.00
No. 2—For 2 in. unlined linen hose 150 ft. long, or rubber lined cotton hose 50 ft. long, w't 27½ lbs.....each 6.50
No. 3—For 2½ in. unlined linen hose 150 ft. long, or rubber lined cotton hose 50 ft. long, w't 27½ lbs.....each 7.00

LOOSE.

SPRAYERS AND DRY POWDER DUSTERS.

SPRAY PUMPS.



CYCLONE, With Reservoir.

No. 21—All tin, 1¾×18 in. cylinder, capacity of tank 1 qt., w't per doz. 21 lbs., per dozen..... $ 7.00

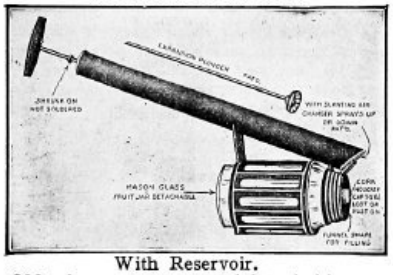
No. 04—All brass, otherwise same as No. 1, w't per doz. 24 lbs.....per dozen 14.00

ONE DOZEN IN A CRATE.

With Reservoir.

No. 02—LIGHTNING, heavy tin, beveled air chamber 2×15 in., throwing spray at an angle, capacity about 1 qt., w't per doz. 20 lbs.....per dozen $7.50

ONE DOZEN IN A CRATE.



With Reservoir.

No. 020—LIGHTNING, encased detachable glass reservoir (Mason fruit jar pattern), air chamber 2⅛×14½ in., painted red, w't per doz. 38 lbs., per dozen..... $11.50

This sprayer is provided with a beveled air chamber which throws the spray at an angle, making it useful for spraying downward or upward, by simply turning the sprayer over. It also has a patent spring expander which keeps the leather open and prevents it from drying up. It is useful for spraying plants and trees and keeping flies from horses and cattle.

ONE DOZEN IN A CRATE.

This sprayer gives a continuously uniform pressure. One stroke of the pump for each 15 or 20 hills of potatoes. The tank can be filled to its full capacity yet the pressure is uniform. The nozzle throws a solid cone spray which covers the whole plant instantly.

With Brass Air Reservoir.

No. 201—NEW BRANT, 3 gal. heavily galvanized sheet steel tank with concave body rest and wide web shoulder strap, double coated IX tin pump with check valve, complete with single nozzle and funnel, w't per doz. 122 lbs., per dozen..... $92.00

No. 202—With shut-off nozzle, otherwise same as No. 201.....per dozen 100.00

No 203—Brass tank, shut-off nozzle, otherwise same as No. 201.per dozen 123.00

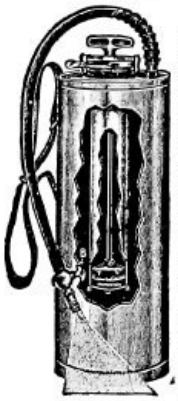
Extra Parts for the Above.

Double Nozzles.....per dozen		$30.00
Tree Nozzles.....	"	30.00
No. 2 Caps.....	"	6.00

The tubes for hose are secured with an extra brace and solid brass filling plug. With the double nozzle two rows can be sprayed at once, the variation in width being regulated by raising or lowering the pump. The tree nozzle is designed especially for high spraying, while the No. 2 caps are made for bordeaux mixture and whitewash.

HALF DOZEN IN A CRATE.

SPRAY PUMPS.



The "Auto-Spray" has a self-contained or inside brass air pump. By this arrangement the pump cannot be damaged. In this way, also, the air check valve is exposed and may be instantly removed or cleaned. The pump cylinder is extra heavy brass, and all parts of the sprayer are equally strong. The plunger rod is ⅜-in. steel, strong enough to stand all strain without bending. All cast parts are malleable.

This sprayer has ½-in. three-ply hose of extra quality and permits large discharge ports, obviating back pressure and giving full force to the spray. The pump is fastened to the tank by a cam which gives direct and equalized pressure upon a heavy pure rubber gasket, making the joint absolutely air tight and one which will never leak, even under pressure.

The "Auto Pop" instantly and effectively controls the spray and automatically cleans the nozzle. The lever control permits use without fatigue.

"Auto-Pop."

"AUTO-SPRAY" With Reservoir.

No. 1A—Brass, equipped with stop cock device for regulating spray, w't per doz. 168 lbs.....per dozen $90.00

No. 1B—Equipped with "Auto-Pop," otherwise same as No. 1C, w't per doz. 186 lbs.....per dozen 102.00

No. 1C—Galvanized, with stop cock device for regulating spray, w't per doz. 180 lbs.....per dozen 60.00

No. 1D—Equipped with "Auto-Pop," otherwise same as No. 1C, w't per doz. 192 lbs.....per dozen 72.00

Extra Parts for the Above.

Brass extension pipe, 2 ft.....each		$0.75
Brass elbows.....	"	.75
Strainers.....	"	2.00

For Bucket.

No. 100—DAISY, lacquered tin, wood handle, flexible spout, with detachable sprayer, height 36 in., 2 in. cylinder, 10 in. stroke, w't per doz. 18 lbs., per dozen..... $12.00

TWO DOZEN IN A CASE.

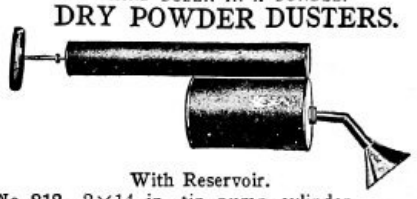
SPRAY PUMPS.

For Bucket.

No. 327½—LITTLE GIANT, 2 brass cylinders 1⅛ in. in diameter, 18 in. stroke, cast brass base, malleable foot rest, complete with hose and combination fine, course spray and solid stream nozzle. Large air chamber, continuous stream, pumps on downward stroke. 50 to 100 lbs. pressure, has agitator for mixing spraying solution, w't per doz. 72 lbs.....per dozen $66.00

ONE-THIRD DOZEN IN A BUNDLE.

DRY POWDER DUSTERS.

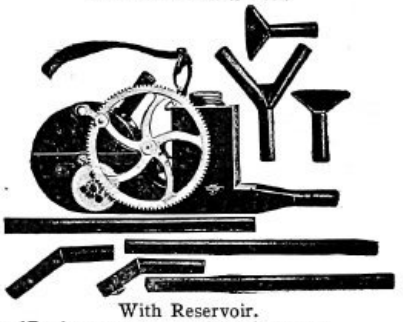


With Reservoir.

No. 212—2×14 in. tin pump cylinder, 6¾×4 in. tin tank, length over all 23¼ in., wood grip on piston rod, spout is of the screw-off pattern, all parts painted red, w't per doz. 25 lbs., per dozen..... $12.00

These dusters are adapted for killing insects, etc., on plants and animals, and can be used in either a vertical or horizontal position.

ONE DOZEN IN A BOX.



With Reservoir.

No. 17—LIGHTNING, consists of one 1 qt. reservoir, three 16 in. tubes, two 4 in. nozzles, one 8×6¼ in. Y connection, two 7¼ in. elbows, and one carrying strap with a snap at each end, w't per doz. complete, 120 lbs..per dozen $144.00

The "Lightning" duster is far advanced over the old style cylinder pump arrangement. The gears are machine cut. It is made with gear wheels and no belt, and will spray anything in dry powder form.

The reservoir holds 1 quart of powder or 4 pounds of paris green. Provided with an agitator which produces a constant flow of powder which is blown out by the fan, also a gauge for regulating the amount of powder to be used. The duster will cover two rows at a time and may be adjusted for any width of row. Tubes may be connected for spraying trees, etc. Will kill insects, etc., not affected by a liquid spray.

ONE IN A CASE.

SEED SOWERS, CORN DRYERS AND SHELLERS.

SEED SOWERS.

"REV-O-NOC."

No. 14 REVONOC—heavy duck hopper, ball bearing, 27 gauge iron fan wings riveted to solid cast base, malleable iron fly wheel and crank, w't per doz. 65 lbs.....per dozen $24.00

Will sow wheat, rye, oats, rice, flax, millet, turnip seed, clover seed, grass seed, in fact all kinds of seed, broadcast, also plaster, fertilizer, salt, ashes, etc.

ONE IN BOX, ONE DOZEN IN A CRATE.

No. 12—LITTLE WONDER, heavy duck hopper, capacity half bushel, heavy sheet steel feed plate and agitating device, with spring steel adjustments, w't per doz. 50 lbs.....per dozen $20.00

Simple, strong and practical. Especially recommended for grass seed.

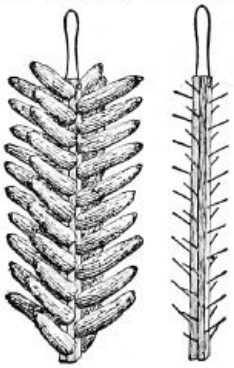
No. 10—LIGHTNING, large canvas bag, with straps to go over shoulders, tin tube in three sections, of a graduating diam., length 22 in., the larger end fits into a stub joint which is securely fastened to the bag and in which is a gauge to regulate the quantity of seed sown to a certain area, w't per doz. 9 lbs.....per dozen $16.00

Will sow sixty acres of clover, timothy, millet, etc. per day, spreading the seed evenly from 30 to 40 feet. The wind has no chance to blow seed into bunches before it strikes the ground.

FODDER SQUEEZERS.

No. 4—BLAIR'S, malleable iron frame and pin, with gray iron wheel, w't per doz. 7 lbs.....per dozen $4.50

SEED CORN DRYERS.



Loaded. Unloaded.

No. 25—WENZELMAN'S, 3 ft. wood upright with wire hanger and stiff but light galvanized steel wire pegs for holding 44 ears of corn; in set of 14 uprights for holding seed to cover 40 acres, w't per doz. sets 16 lbs.,★ per dozen sets.....$28.00

The pegs are far enough apart so that the ears do not touch, thus assuring perfect air circulation.

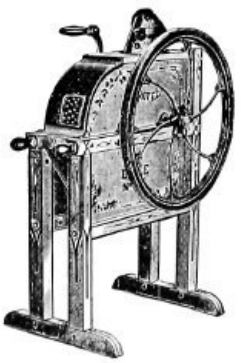
★*For factory shipment only.*

ROPE CLAMPS.

No. 1—WERUM'S, malleable iron, japanned, w't per doz. 2½ lbs. per dozen $1.40

ONE DOZEN IN A BOX.

CORN SHELLERS.



EAGLE, Hardwood Frame, Painted, Striped and Varnished, Heavy Wrought Spoke Balance Wheel, Light Running Inside Gearing, and Adjustable Spring to Receive and Shell any Size Ear of Corn, Height 3½ ft., Length 2½ ft., Width 1 ft. 7 in., 26 in. Fly Wheel.

No. 3 —*Without* fan or feed-table, w't each 131 lbs .....per dozen $132.00

No. 3T —*Without* fan, *with* feed table, w't each 139 lbs.....per dozen 138.00

No. 3F —*With* fan, *without* feed table, w't each 138 lbs..... per dozen 138.00

No. 3FT—*With* fan and feed table, w't each 166 lbs. .....per dozen 144.00

ONE IN A CRATE. PART K. D.

CORN SHELLERS.

No. 10—PLYMOUTH ROCK, 10 in. sheller disc or wheel with projecting teeth, spring hopper, adjustable for different sizes of ears, malleable iron frame, disc, crank, etc., heavy steel hopper spring, long axle bearing and hook, 7 in. crank with wood grip, complete with popcorn attachment, w't per doz. 150 lbs.....per dozen $16.00

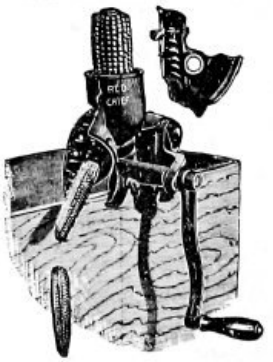
The tension of the hopper spring allows the hopper to expand and contract according to the size of the ear. At the outlet of the hopper a flange holds the ear close to the shelling disc or wheel, thus assuring a thorough shelling of the ear.

HALF DOZEN IN A CRATE.

No. 1903—BLACKHAWK, 8¼ in. sheller wheel or disc, with spur teeth, long chilled iron bearings, adjustable hopper spring, sure regulating device, will shell all sizes of ears, fastens to side of box or bin by means of two clamps with winged nuts, w't per doz. 228 lbs.,★.....per dozen $40.00

★*Factory shipment only.*

HALF DOZEN IN A BARREL.

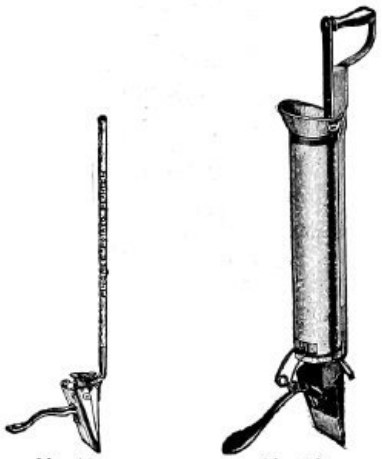


No. 12—RED CHIEF, 7¼ in. sheller wheel or disc, with projecting teeth, malleable iron frame and hopper, 9½ in. crank, with wood grip, cold rolled steel axle with long bearing, hopper is adjustable to any size ear, fastens to side of box or bin by means of two clamps, w't per doz. 138 lbs.....per dozen $40.00

HALF DOZEN IN A CRATE.

POTATO PLANTERS AND BONE CUTTERS.

POTATO PLANTERS.



No. 16. No. 18.

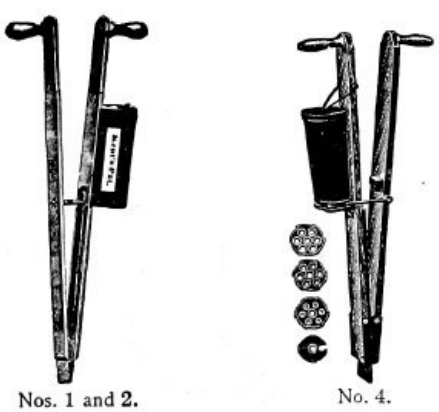
No. 16—PINGREE, spring steel self-locking jaws, adjustable malleable iron depth gauge and socket, hard maple handle, height 42 in., w't per doz. 36 lbs.....per dozen $10.50

No. 18—ACME TUBULAR, spring steel self-locking jaws, with foot rest on both sides, comfortable wood hand hold, galvanized steel conveying tube fastened to the stick handle, which is of hard wood, height 36 in., w't per doz. 72 lbs.....per dozen 18.00

The jaws lock automatically when planter is raised, unlocking again the instant they touch the ground.

NO. 16, ONE DOZEN; NO. 18, HALF DOZEN IN A CRATE.

CORN PLANTERS.



Nos. 1 and 2. No. 4.

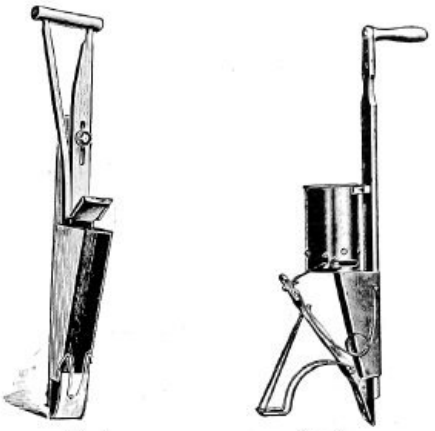
No. 1—TRIUMPH, wood frame, steel jaws, heavy tin hopper and conveying tube, wood grips securely bolted, height 34 in., w't per doz. 63 lbs., per dozen..... $12.00

No. 2—TRIUMPH, with pumpkin seed attachment, otherwise same as No. 1, per dozen..... 18.00

No. 4—IMPROVED ECLIPSE, hardwood frame, varnished, heavy steel jaws, securely riveted to frame, 4 iron discs, for different feeds, one for broom corn and the others for corn, with perforations in each to drop 1, 2 and 3 grains each according to the number of holes, sheet steel hopper, height 34 in., w't per doz. 72 lbs..per dozen 16.00

HALF DOZEN IN A CRATE.

CORN PLANTERS.



No. 6. No. 3.

No. 6—MONITOR, heavy wood frame, sheet steel hopper, with heavy iron plunger tongue, adjustable for all sizes of corn or beans, plunger parts of heavy iron, height 30 in., w't per doz. 60 lbs.....per dozen $16.00

No. 3—AMERICAN STANDARD, automatic, hardwood frame, heavy steel jaws, large sheet steel hopper, adjustable drop disc, brass spring cut-off, height 32 in., w't per doz. 80 lbs..per dozen 40.00

Any number and all sizes of kernels can be used with the No. 3 planter.

HALF DOZEN IN A CRATE.

GREEN BONE CUTTERS.

General Description.

The New Mann green bone cutters are made with a clear knowledge of their requirements, and every possible care is exercised in their manufacture, to produce bone cutters that will withstand hard usage and give entire satisfaction.

Cast iron frame, cylinder and balance or fly wheel painted black; automatic feed controlled by regulating screw; heavy crucible steel blades fitted to cutter by set screws, and can easily be removed for regrinding; fitted with knife holder and gauge for use in sharpening knives.

The above description applies to all bone cutters herein listed; the difference in each model being the size of the cylinder, the number of knives, whether with or without balance wheel and the bases or supports. All other differences are fully described under their respective illustrations.

No. 5C—MANN'S, cylinder 6 in. in diam., 4 in. deep, 13½ in. crank, cutter head 7½ in. in diam., four knives, height from table 18 in., screw to table, for flocks of 15 to 25 hens, w't 35 lbs. each $ 7.50

No. 5B—MANN'S, with balance wheel, otherwise same as No. 5C, w't 60 lbs., each..... 10.00

GREEN BONE CUTTERS.

No. 5BM—MANN'S, cylinder 6 in. in diam., 4 in. deep, with stand and balance wheel, four knives, cutter head 7½ in. in diam., w't 85 lbs.....each $15.00

This model is intended for flock of 15 to 25 hens, and will do excellent work.

No. 7—MANN'S, cylinder 7¼ in. in diam., 5¼ in. deep, strong iron stand with large table for box or pan, large open-hinged cylinder, heavy balance wheel with wood hand grip, gear guard, anti-clog device, 6 knives, w't 107 lbs.....each $25.50

Intended for flocks of 40 to 100 hens, can also be used for flocks up to 200 hens, but we recommend No. 9, for flocks of more than 100.

No. 9—Cylinder 9 in. in diam., 6 in. deep, square topped iron stand for box or pan, cross braced with two rods, open-hinged cylinder, heavy balance wheel with wood hand grip, gear guard, anti-clog device, 6 knives, w't 170 lbs. each $27.60

The No. 9 is adapted to flocks of 100 to 300 hens, the cylinder being larger gives greater holding capacity

CIDER MILLS, BONE CUTTERS, ETC.

DRY BONE, SHELL AND CORN MILLS.

No. 750—Height 17¼ in., base 6½×7½ in., diam. of hopper 3½ in., diam. of wheel 19 in., capacity 1½ bu. per hr., w't 60 lbs.....each $8.50

Malleable iron frame, hopper and fly wheel, base screws to table or platform. A good general mill for farmers and poultrymen. Especially adapted for grinding bones. WHEN DRY ONLY, oyster and other shells, corn, roots, bark, grain, chicken feed, salt, etc.

This machine is not intended for grinding green bones, as they have to be shaved and require a special machine.

ONE IN A CRATE.

GRIST MILLS.

No. 1—BAYLEY, height 8 in., heavy 18 in. balance or fly wheel, with wood grip, 5½×7¼ in. hopper, cast iron, base is made with holes to bolt or screw to table, machined bearings, cold drawn steel shaft, adjustable for grinding coarse or pulverizing corn, capacity 15 lbs. per hr. of fine, and 40 lbs. coarse meal, w't 22½ lbs.....each $4.00

No. 10—BLACK HAWK, 11 in. malleable iron crank, chilled bearings, hardened metal grinding burrs, all parts interchangeable 5×6½ in. hopper, base bolts to table or bench, w't 17 lbs. each $5.00

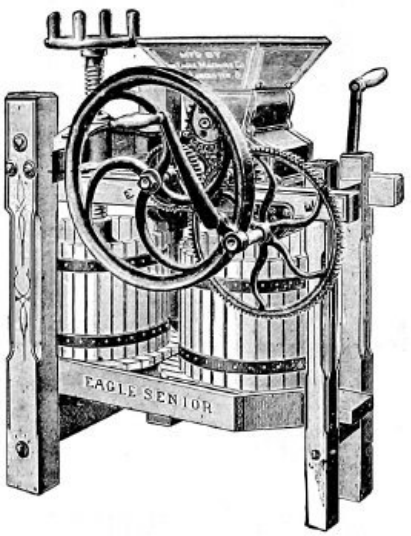
Will grind corn, wheat, rye, rice and other small grain. Easily adjusted for fine or coarse grinding.

ONE IN A CASE.

CIDER MILLS.

General Description.

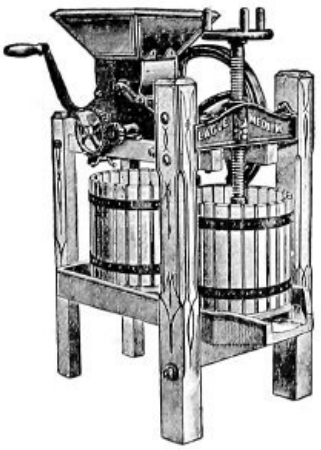
Varnished hardwood frame, securely bolted; removable hopper and lever; cast iron yoke, balance wheel and journals; steel press screw with cast iron socket and top wheel with hand grips; steel shaft; cast iron roll casing with one plain and two corrugated adjustable rolls; triple geared; cast iron crank with wood grip; two plain hardwood tubs with heavy staves riveted to wrought iron bands; hardwood trough, neatly painted, striped and varnished.



Capacity Six to Ten Barrels of Cider Per Day.

No. 3—SENIOR, 48 in. high, 19½×40¼ in. trough, 15½ in. tubs, 2×22 in. press screw, 40 in. lever, 13×15 in. hopper, floor space required 29×45 in., w't 420 lbs.....each $30.00

See general description at top of column.

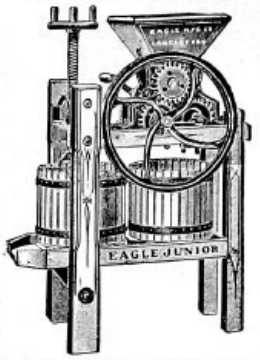


Capacity, Three to Six Barrels of Cider Per Day.

No. 2—MEDIUM, 49 in. high, 14½×29½ in. trough, 12 in. tubs, 1½×20½ in. pressed screw, 30 in. lever, 14×14 in. hopper, floor space required 22×35 in., w't 238 lbs. each $24.00

See general description.

CIDER MILLS.



Capacity Two to Four Barrels of Cider Per Day.

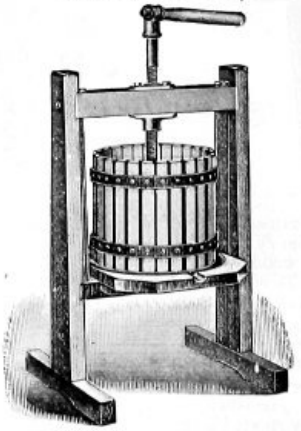
No. 1—JUNIOR, 43 in. high, 12½×28½ in., trough, 10½ in. tub, 1⅛×18½ in. press screw, 29 in. lever, 13×14 in. hopper, floor space required 20×34 in., w't 190 lbs.....each $18.00

See general description.

Capacity About One Barrel of Cider Per Day.

No. 4—FAMILY, 42 in. high, cast iron hopper 10×7½ in., studded revolving disc 7⅝ in. in diam. and roll casing, 16 in. cast iron fly wheel, hardwood frame securely bolted, heavy hardwood tub with staves bolted to wrought bands, ¾ in. steel shaft, 25×1¼ in. steel press screw, floor standards 2×2½×20½ in., w't 110 lbs., each..... $10.00

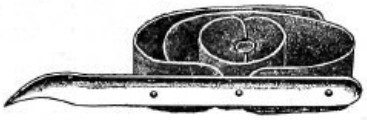
WINE MILLS.



No. 5—Selected hardwood frame, height 3 ft., heavy iron cross beam, 9×3½ in. steel press screw, with 20 in. wood lever handle, fitted to an iron socket, 20½ in. floor standards, heavy hardwood tub, with heavy staves riveted to iron bands, w't 65 lbs.....each $ 9.00

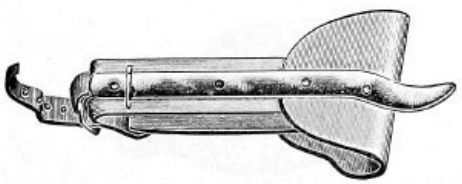
HUSKING PINS AND COTS.

No. 2100—4⅝ in. tinned steel pin, adjustable muleskin strap, with thong fastening, can be used with glove or mitten, either right or left hand, w't per doz. ½ lb.....per dozen $0.75
THREE DOZEN IN A BOX.

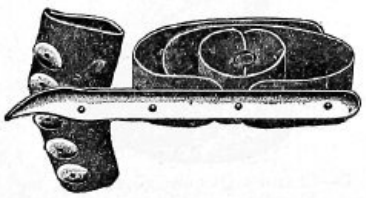


No. 2000—4⅝ in. tinned steel pin, adjustable muleskin finger straps, three divisions, with thong fastening, can be used with glove only, either right or left hand, w't per doz. ⅔ lb., per dozen $0.90
THREE DOZEN IN A BOX.

No. P—4⅝ in. tinned steel pin, adjustable calfskin strap, with buckle, can be used with glove or mitten, either right or left hand, w't per doz. ⅔ lb.....per dozen $1.25
THREE DOZEN IN A BOX.

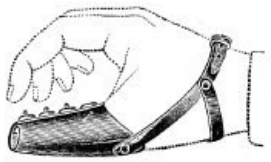


No. 2400—4⅝ in. tinned steel pin, broad calfskin shield, adjustable calfskin strap, with buckle, can be used with glove or mitten, either right or left hand, w't per doz. 1 lb. ....per dozen $1.75
ONE DOZEN IN A BOX.

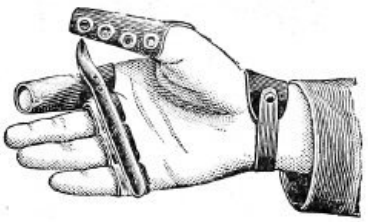


No. 3000—4⅝ in. tinned steel pin, studded calfskin finger cot, adjustable calfskin finger straps, three divisions, with thong fastening, can be used with glove only, right hand only, w't per doz. 1 lb.....per dozen $2.00
ONE DOZEN IN A BOX.

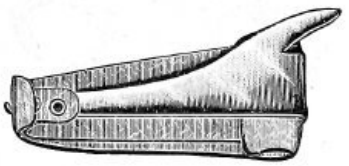
No. Q—Studded muleskin finger and thumb cots joined together, muleskin wrist strap, with buckle, either right or left hand, w't per doz. 1⅛ lbs., per dozen $2.75
ONE DOZEN IN A BOX.



No. 2110—Studded muleskin *thumb* cot only, muleskin wrist strap, with buckle, either right or left hand, w't per doz. ½ lb.....per dozen $1.50
TWO DOZEN IN A BOX.



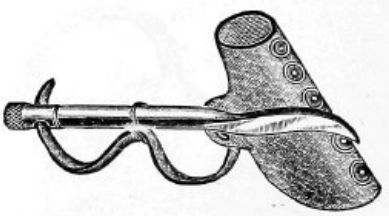
No. 4000—4⅝ in. tinned steel pin, studded muleskin finger and thumb cots, muleskin finger straps, two divisions, with thong fastening, muleskin wrist strap, with buckle, can be used with glove only, right hand only, w't per doz. 2 lbs. .....per dozen $3.25
ONE DOZEN IN A BOX.



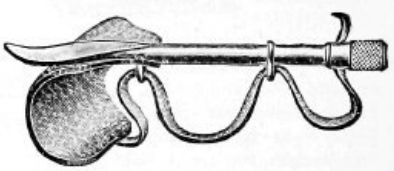
No. T1—THOMAS', nickel plated steel off-set pin and curved finger guard in one piece, calfskin back strap, muleskin front strap, hook and eyelet fastening, can be used with glove or mitten, eleven right hand, one left hand, w't per doz. 1¼ lbs.. per dozen $4.00
ONE DOZEN IN A BOX.

No. B—Boss, 5 in. round nickel plated forged steel pin, brass slide and ferrule, fitted adjustable Saranac leather strap and buckle, either right or left hand, w't per doz. 1½ lbs.....per dozen $4.25
ONE DOZEN IN A BOX.

No. E—Boss, 5 in. round nickel plated forged steel pin, select calfskin finger shield and strap, patent brass screw fastening and brass slides, can be used with glove only, either right or left hand, w't per doz. 1½ lbs...per dozen $4.00
No. G—Boss, 5 in. round nickel plated forged steel pin, with patent brass screw fastening and steel loop slide, can be used with glove only, either right or left hand, w't per doz. 1½ lbs., per dozen..... 3.50
ONE DOZEN IN A BOX.



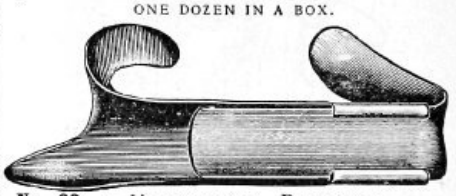
Showing No. R23 With Finger Cot.



Showing No. R23 With Finger Shield.

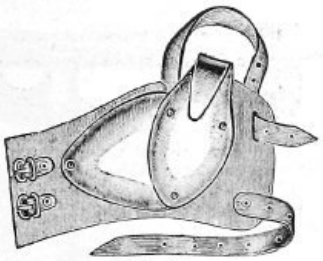
REV-O-NOC.

No. R23 REVONOC—Combination, round nickel plated forged steel pin, with both *studded finger cot* and strap for use with glove (right hand only), and *heavy leather finger shield* and strap for use with glove or mitten (right or left hand), extra select olive calfskin, patent brass screw fastening and brass slide, w't per doz. 2 lbs., per dozen..... $6.00
An attractive display card, showing use, is furnished with each dozen.
ONE DOZEN IN A BOX.



No. 80 —UNIVERSAL PATTERN, stamped cold rolled steel, bright finish, sliding adjustment, right hand only, w't per doz. 1 lb.....per dozen $3.00
No. 80LH—Left hand only, otherwise same as No. 80.....per dozen 3.00
THREE DOZEN IN A BOX.

HOOK HUSKERS.

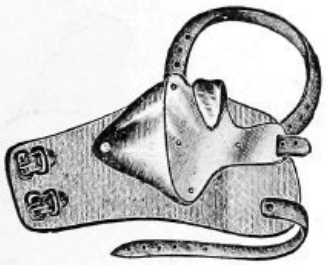


No. 61.

No. 64—Split leather hand piece and straps, cold rolled pressed steel hook, two straps and buckles, right hand only, w't per doz. 2 lbs.....per dozen $4.00

No. 61—Cold rolled pressed steel palm shield and hook, right hand only, otherwise same as No. 64, w't per doz. 2¼ lbs.....per dozen 5.00

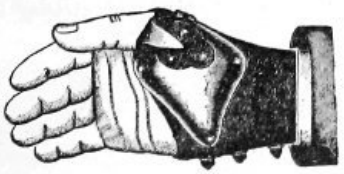
ONE DOZEN IN A BOX.



No. K2—KEES', russet oil grain leather hand piece and straps, heavy cold rolled steel hook plate, corrugated hook, light steel shield, two straps and buckles, top straps reinforced by studding, eleven right hand, one left hand in a box, w't per doz. 2 lbs., per dozen $6.00

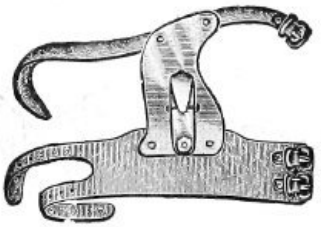
No. KL2—Left hand only, otherwise same as No. K2.....per dozen 6.00

ONE DOZEN IN A BOX.



No. 22—BLAIR SPECIAL, extra wide yellow calfskin palm and wrist piece, three calfskin straps and buckles, cold rolled steel palm plate and hook, right hand only, w't per doz. 2 lbs., per dozen..... $6.00

ONE DOZEN IN A BOX.

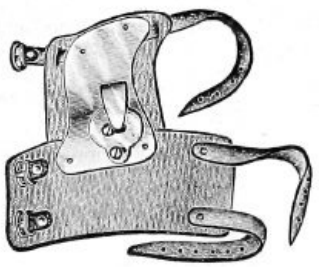


No. R1.

No. R1—RAMSEY, adjustable, russet oil grain leather wrist piece and straps, cold rolled steel palm plate, reinforced hook adjustable to three different positions, fastened by nut, right hand only, w't per doz. 2½ lbs...per dozen $6.50

No. R2—RAMSEY, adjustable, russet oil grain leather wrist piece and straps, muleskin palm piece under plate, cold rolled steel palm plate, reinforced hook adjustable to three different positions, fastened by nut, right hand only, w't per doz. 2½ lbs...per dozen 7.50

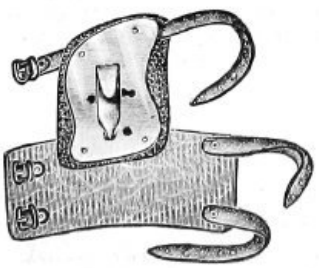
ONE DOZEN IN A BOX.



"REV-O-NOC."

No. R55 REVONOC—Adjustable, extra select olive calfskin wrist piece and straps, soft calfskin palm piece under plate, nickel plated cold rolled steel palm plate and hook, adjustable by two screws to any desired position, three straps and buckles, right hand only, w't per doz. 2¾ lbs....per dozen $8.00

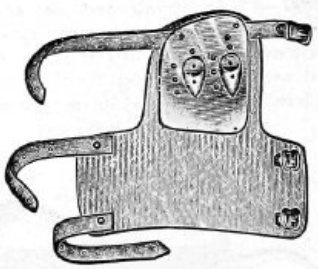
ONE DOZEN IN A BOX.



No. 59—Boss, adjustable, select yellow calfskin wrist piece and straps, muleskin palm piece under plate, nickel plated cold rolled steel palm plate and hook, adjustable to fourteen different positions, three straps and buckles, top strap reinforced, right hand only, w't per doz. 2¾ lbs., per dozen..... $8.00

ONE DOZEN IN A BOX.

No. T06—THOMAS, single hook, select calfskin wrist piece, double folding, with strap and buckle, reinforced calfskin top strap, muleskin palm piece under plate, nickel plated cold rolled steel palm plate and corrugated hook, eleven right hand, one left hand in a box, w't per doz. 2½ lbs.....per dozen $7.00



No. T3—THOMAS, twin spur, adjustable, select one-piece heavy calfskin palm piece and wrist piece, three straps and buckles, top strap reinforced, nickel plated cold rolled steel perforated palm plate, two hooks, adjustable by screws to nine different positions, eleven right hand, one left hand, w't per doz. 2½ lbs...per dozen $7.00

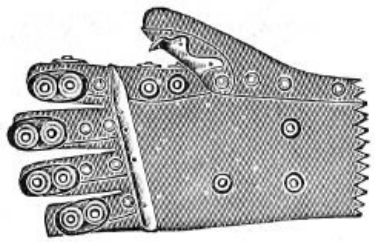
No. A—CLARK'S CORN KING, adjustable select grain leather one-piece palm and wrist, with cinch lacing strap and buckle, nickel plated cold rolled steel palm plate with five holes and corrugated so as to secure the hook in any desired position, right hand only, w't per doz. 2½ lbs., per dozen..... $7.00

No. C—CLARK'S QUEEN, adjustable, select grain leather separate palm and wrist pieces, with cinch lacing strap and buckle, nickel plated cold rolled steel perforated and corrugated palm plate with upper edge toothed, corrugated hook adjustable by a screw to fifteen different positions, right hand only, w't per doz. 2¾ lbs. per dozen..... $7.00

ONE DOZEN IN A BOX.

LEATHER GLOVES, MITTENS, ETC.

HUSKING GLOVES.



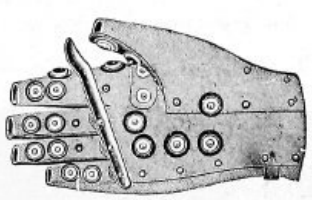
"REV-O-NOC."

No. R7 REV-O-NOC—Studded, extra select olive calfskin, closed fingers and thumb, calfskin protecting pads and tightening straps, 4⅝ in. tinned steel pin, full studded with tinned steel rivets and washers, special thumb hook, w't per doz. prs. 6½ lbs., per dozen pairs $18.00

HALF DOZEN PAIRS IN A BOX.

No. 017—Studded, select yellow hogskin, open fingers and thumb, with muleskin tightening strap, 4⅝ in. tinned steel pin, full studded with tinned steel rivets and washers, steel thumb hook, w't per doz. prs. 6¼ lbs..... per dozen pairs $12.00

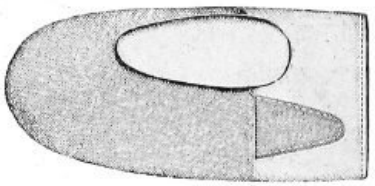
HALF DOZEN PAIRS IN A BOX.



No. 15—Studded, brown muleskin, open fingers and thumb, with muleskin tightening strap, 4⅝ in. tinned steel pin, full studded with tinned steel rivets and washers, steel thumb hook, w't per doz. prs. 6¼ lbs., per dozen pairs $8.50

HALF DOZEN PAIRS IN A BOX.

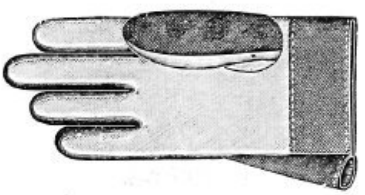
LABORERS' MITTENS.



No. 250—Heavy white Canton flannel, fleece in, palm and thumb full faced with brown muleskin, with muleskin pull, strap and buckle, w't per doz. prs. 3 lbs..... per dozen pairs $2.70

ONE DOZEN PAIRS IN A BOX.

HARD WEAR GLOVES.



No. 32—Heavy waterproofed duck, palm, fingers and thumb full faced with select goatskin, w't per doz. prs. 2½ lbs..... per dozen pairs $5.20

ONE DOZEN PAIRS IN A BOX.

WRIST SUPPORTERS.

"REV-O-NOC."

No. R02 REV-O-NOC—Select olive calfskin, fancy stitched, goes twice around wrist, buckle fastening, per dozen $16.00

An attractive display card showing use is furnished with each dozen.

ONE DOZEN IN A BOX.

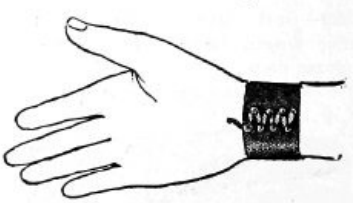
Nos. 130 and 135.

No. 115—Brown muleskin, 2½ in. wide, two straps and buckles, per dozen $1.50

No. 120—Calfskin, 2½ in. wide, two straps and buckles..... per dozen 2.50

No. 130—Brown muleskin, 3¼ in. wide, three straps and buckles ... per dozen 2.50

No. 135—Calfskin, 3¼ in. wide, three straps and buckles..... per dozen 4.25



No. 140—Calfskin, 3 in. wide, leather lacing thong and hooks..... per dozen $4.25

ONE DOZEN IN A BOX.

HUSKUM.

No. 1—6 oz. bottles, per dozen $4.00

Huskum is a compound of arnica, witch-hazel, and other ingredients, effective in relieving soreness and softening and healing the skin. It will not spoil, freeze, nor deteriorate in any way. Packed in a fancy wood display box.

ONE DOZEN IN A BOX. WE DO NOT BREAK BOXES.

PINE TAR.

Sealed Top Cans.

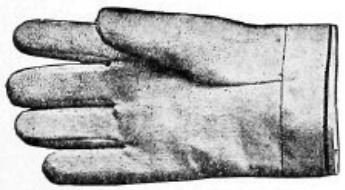
Capacity	½ pt.	1 pt.	1 qt.	½ gal.	1 gal.
W't per doz.	9	12	25	50	100 lbs.
Per dozen	$0.80	1.00	1.75	3.15	4.80

Cork Top Cans.

Capacity	½ pt.	1 pt.	1 qt.
W't per doz.	9	12	25 lbs.
Per dozen	$0.95	1.15	1.60

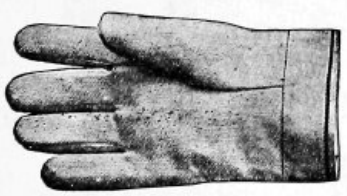
GENERAL PURPOSE GLOVES AND MITTENS.

GLOVES.

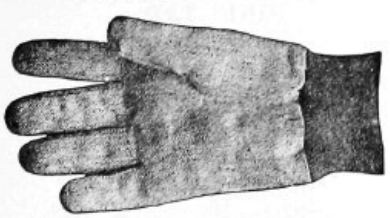


No. 159— 7 oz. gray husking cloth, nap in.....per dozen pairs $1.25
No. 160— 8 oz. gray husking cloth, nap in.....per dozen pairs 1.40
Nc. 161—10 oz gray husking cloth, nap in.....per dozen pairs 1.70
No. 661—Boys', 8 oz. gray husking cloth, nap in.....per dozen pairs 1.40
ONE DOZEN PAIRS IN A BOX.

No. 229—Gray husking cloth, with leather tipped fingers and thumb, per dozen pairs..... $2.00
ONE DOZEN PAIRS IN A BOX.

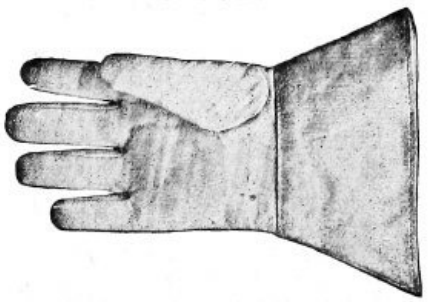


No. 163— 8 oz. white Canton flannel, *fleece out*.....per dozen pairs $1.50
No. 166— 7 oz. white Canton flannel, fleece in.....per dozen pairs 1.30
No. 164— 8 oz. white Canton flannel, fleece in.....per dozen pairs 1.50
No. 164B—Boys', 8 oz. white Canton flannel, fleece in.....per dozen pairs 1.50
No. 165—10 oz. white Canton flannel, fleece in.....per dozen pairs 1.70
ONE DOZEN PAIRS IN A BOX.



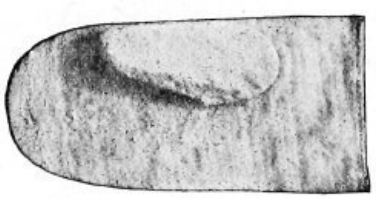
No. 65— 7 oz. white cotton flannel, knit wrist, fleece in.....per dozen pairs $1.50
No. 66— 8 oz. white Canton flannel, knit wrist, fleece in, per dozen pairs 1.70
No. 67—10 oz. white Canton flannel, knit wrist, fleece in. ..per dozen pairs 1.90
No. 68—12 oz. white cotton flannel, knit wrist, fleece in.....per dozen pairs 2.10
ONE DOZEN PAIRS IN A BOX.

GLOVES.

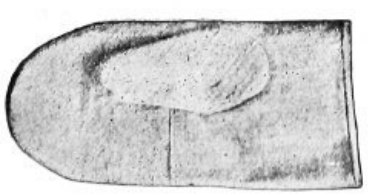


No. 108— 8 oz. gray husking cloth, gray gauntlet cuff, nap in...per dozen pairs $1.70
No. 109—Boys', 8 oz. white Canton flannel, nap in, stiff gray cuff..per dozen prs. 1.70
No. 110—10 oz. white Canton flannel, fleece in, with heavy white duck gauntlet cuff.....per dozen pairs 2.50
No. 112—12 oz. white Canton flannel, fleece in, white duck gauntlet cuff, heavily interlined and finished with fancy stitching.....per dozen pairs 2.70
ONE DOZEN PAIRS IN A BOX.

MITTENS.



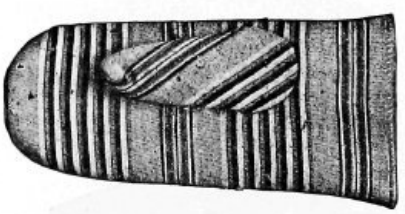
No. 750— 7 oz. white Canton flannel, fleece out.....per dozen pairs $1.00
No. 16— 8 oz. white Canton flannel, fleece out.....per dozen pairs 1.15
No. 19—10 oz. white Canton flannel fleece out.....per dozen pairs 1.35
No. 12—12 oz. white Canton flannel fleece out.....per dozen pairs 1.55
ONE DOZEN PAIRS IN A BOX.



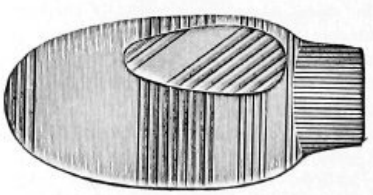
No. 16½—7 oz. medium white Canton flannel, with double palm and thumb, fleece out.....per dozen pairs $1.35
No. 17— 8 oz. medium white Canton flannel, with double palm and thumb, fleece out.....per dozen pairs $1.50
No. 18—10 oz. heavy white Canton flannel, with double palm and thumb, fleece out.....per dozen pairs 1.70
No. 33— 8 oz., boys' size, with double palm and thumb, fleece out, per dozen pairs..... 1.40
ONE DOZEN PAIRS IN A BOX.

MITTENS.

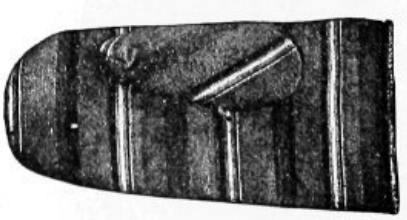
No. 44— 8 oz. white Canton flannel, reversible two thumb, fleece out, per dozen pairs $1.40
No. 45—10 oz. white Canton flannel, reversible two thumb, fleece out, per dozen pairs..... 1.70
No. 46— 8 oz. white Canton flannel, reversible, *double-faced*, both sides, two *double-faced*, thumbs, fleece out, per dozen pairs..... 2.10
ONE DOZEN PAIRS IN A BOX.



No. 57A—Fancy striped heavy tick, Canton flannel lined, quilted and padded, extra heavy, an extra tough and warm mitten.....per dozen pairs $2.70
ONE DOZEN PAIRS IN A BOX.



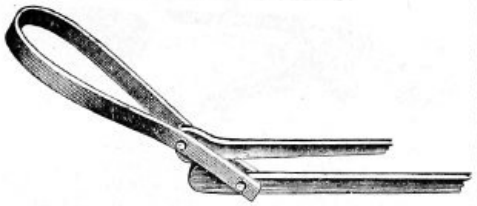
No. 59—Fancy striped heavy tick, Canton flannel lined, quilted and padded, extra heavy, knit wrist, per dozen pairs..... $3.00
ONE DOZEN PAIRS IN A BOX.



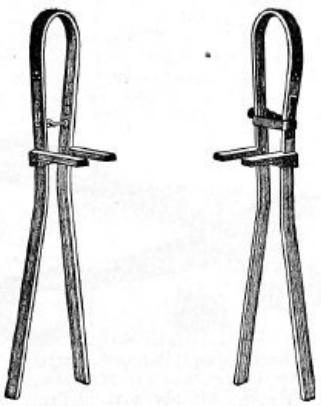
No. 58—Fancy striped medium tick, Canton flannel lined, quilted and padded.....per dozen pairs $2.00
ONE DOZEN PAIRS IN A BOX.

ANIMAL POKES, PICKET PINS, ETC.

ANIMAL POKES.



No. 7—Success, wood bow, varnished, w't per doz. 42 lbs.....per dozen $5.75



No. 41. No. 42.

SUNBURY, Ash or White Oak, Steel Band Over Top.

No. 41—With snap, w't per doz. 45 lbs. per dozen $9 00

No. 42—With strap, w't per doz. 48 lbs. per dozen 9.50

The steel band over the top prevents the wood from breaking or slivering at that point.

ACME, Heavy Steel Wire.

Nos	20	30
Size	8×16	9½×16 in.
W't per doz	25	32 lbs.
Per dozen	$9.00	9.00

Nos	40	50
Size	9¾×16	10¾×16½ in.
W't per doz.	33	35 lbs.
Per dozen	$9.00	12.00

The Acme animal poke, made of heavy steel wire, is a most effective and durable poke for breechy cattle. It fits the animal's neck and head perfectly, weighs less than 3 lbs. Made in four sizes: No. 20 for yearlings, No. 30 for medium, No. 40 for large cows, and No. 50 for bulls.

HALF DOZEN IN A BUNDLE.

ANIMAL POKES.

3-16 Inch Flat Steel, Riveted, Adjustable.

Nos	31	32	33
Size	9 to 12	13 to 16	17 to 20 in.
W't per doz..	26	28	36 lbs.
Per dozen...	$10.50	12.50	16.00

No inconvenience to any animal in normal position, but when an attempt is made to go through the fence it becomes particularly severe; as soon as the animal backs up, the resistance of the neck, like a spring, throws the poke back to its normal position. Can be used with equal success on mules and colts.

HALF DOZEN IN A BUNDLE.

No. 132—Cow Boy, 13 to 16 in., flat steel, riveted, adjustable, japanned, w't per doz. 34 lbs.....per dozen $11.00

The punishment consists of a malleable iron spur or rowel wheel which pricks the animal in the neck when attempting to go through or over the fence. It is constructed and shaped in such a manner that it does not interfere with the animal while feeding, drinking or lying down.

HALF DOZEN IN A BUNDLE.

ANIMAL PRODS.

No. 1—6½ ft., with ferrule and steel point, w't per doz. 29 lbs...per dozen $4.00

HORSE MUZZLES.

No. 11—17 gauge wire, japanned, w't per doz. 2½ lbs.....per dozen **$0.60**

No. 12—16 gauge wire, japanned, w't per doz. 3½ lbs.....per dozen **1.00**

No. 13—16 gauge wire, galvanized, w't per doz. 3 lbs.....per dozen **1.25**

No. 14—15 gauge wire, galvanized, w't per doz. 4 lbs.....per dozen **1.50**

No. 15—13 gauge wire, galvanized, w't per doz. 6½ lbs.,.....per dozen **2.00**

PICKET PINS.

Malleable Iron, Fluted.

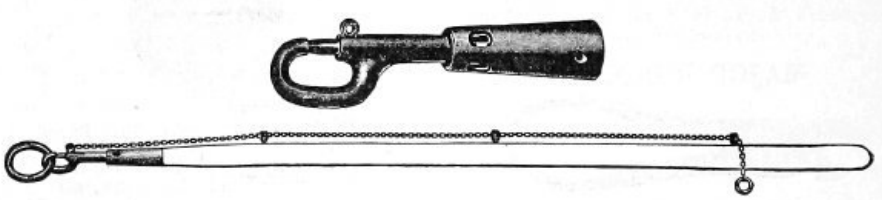
No. 1—15 in., w't per doz. 12 lbs. per dozen **$1.25**

No. 2—21 in., w't per doz. 14 lbs., per dozen 2.50

No. 3—Spiral, wrought iron, japanned, length 12 in., with malleable swivel, w't per doz. 14 lbs ....per dozen **$3.00**

No. 4—Round, wrought iron, japanned, $\frac{3}{16}$×21 in., with malleable swivel, w't per doz. 20¼ lbs. .....per dozen **$4.00**

BULL SNAPS.



No. 500—C plate, spring snap, 3 ft. of tinned chain with ring at end, 3 screw eyes, *without handle*, w't per doz. 9½ lbs.....per dozen **$10.00**

ONE-QUARTER DOZEN IN A BOX.

RINGS, RINGERS, TAMERS, ETC.

HILL'S RINGS.

No. 1—Pig, 100 in a box, per dozen boxes $1.00
No. 2—Shoat, 100 in a box, per dozen boxes.. 1.00
No. 3—Hog, 100 in a box, per dozen boxes 1.00
ONE DOZEN BOXES IN A PACKAGE. AVERAGE WEIGHT 5½ LBS.

HILL'S RINGERS.

No. 10—Improved, gray iron, black japanned handles, red jaws, w't per doz. 5½ lbs.....per dozen $2.00
No. 20—Improved, malleable iron, black japanned handles, red jaws, w't per doz. 6 lbs.....per dozen 3.00
ONE DOZEN IN A BOX.

BLAIR'S RINGS.

No. 31—Pig, 100 in a box, per dozen boxes..... $1.75
No. 33—Hog, 100 in a box, per dozen boxes..... 1.75
ONE DOZEN BOXES IN A PACKAGE. AVERAGE WEIGHT 5½ LBS.

BLAIR'S RINGERS.

No. 30—Will close any single ring made, either hog, shoat or pig, w't per doz. 6¼ lbs.....per dozen $3.25
ONE DOZEN IN A BOX.

MAJOR RINGS.

No. 51—Pig, 100 in a box, per dozen boxes..... $2.50
No. 53—Hog, 100 in a box, per dozen boxes..... 2.50
Major rings close outside the nose, and the projection prevents the joint from turning in and irritating the flesh.
ONE DOZEN BOXES IN A PACKAGE. AVERAGE WEIGHT 5½ LBS.

MAJOR RINGERS.

No. 50—Malleable iron, w't per doz. 5½ lbs.....per dozen $4.00
ONE DOZEN IN A BOX.

PERFECT RINGS.

No. 61—Pig, 100 in a box, per dozen boxes..... $2.50
No. 63—Hog, 100 in a box, per dozen boxes..... 2.50
ONE DOZEN BOXES IN A PACKAGE. AVERAGE WEIGHT 6½ LBS.

PERFECT RINGERS.

No. 60—Grey iron, japanned, w't per doz. 6½ lbs.....per dozen $3.25
ONE DOZEN IN A BOX.

WOLVERINE RINGS.

No. 71—Pig, 100 in a box, per dozen boxes..... $6.00
No. 73—Hog, 100 in a box, per dozen boxes..... 6.00
ONE DOZEN BOXES IN A PACKAGE.

WOLVERINE RINGERS.

No. 70—Cast iron, w't per doz. 9½ lbs., per dozen..... $3.00
HALF DOZEN IN A BOX.

CAST STOCK MARKERS.

Attached to Ear with Perfect Hog Rings.

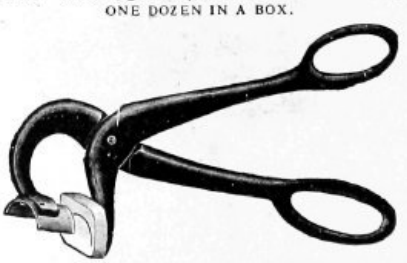
No. 65—PERFECT, cast iron, raised letter, A to Z, w't per hundred 1¼ lbs., per hundred..... $1.00
In ordering, specify letters wanted.
ONE HUNDRED IN A BOX.

HOG TAMERS AND MARKERS.

Short's, malleable iron, japanned, reversible steel blade, 2 adjustable cutters, also circular knife, steel spring, length 10 in., w't per doz. 13 lbs....per dozen $15.00
Furnished with two blades: "T" blade for snout, and circular blade for ears and snout. The circular blade cuts across tip of nose with curve at each side and severing same in the middle, making two projections (about where two rings would be placed) heavy on the tips, their weight causing them to drop apart and heal quickly in that position, and leaving no loop to be torn off or hang over the nostrils. A great many marks can be made. HALF DOZEN IN A BOX

Miller's, malleable iron, japanned, 2 steel nose cutter blades, (no ear markers,) length 10½ in., w't per doz. 19 lbs., per dozen..... $15.00
This instrument not only cuts the hog's snout so as to deprive it of muscular side motion as well as the front root, but severs the cartilages and cuts the extremity of the snout, and as the snout heals, after the circular cutting of the muscles of the nose in such a manner that they curl outwardly on each side of the nose and form into lumps, and by so doing, prevent the animal from rooting to side or front. Any size hog can be operated upon with this instrument.
HALF DOZEN IN A BOX.

Ear Markers for Use in Connection with Miller's Hog Tamers.
No. 25—Steel, ½ in. triangular..per dozen $4.50
No. 26—Steel, ½ in. round .... " 4.50
No. 27—Steel, ½ in. square..... " 4.50
ONE DOZEN IN A BOX.



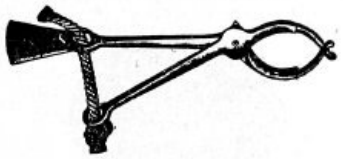
Hurd's, malleable iron, 3 steel cutters, length 10 in., w't per doz. 18 lbs., per dozen..... $9.50
HALF DOZEN IN A BOX.

STOCK MARKERS.

No. 100—Brighton pattern, nickel plated malleable iron frame, polished and tempered steel detachable knife secured with four screws, length 10½ in., w't per doz. 20 lbs.....per dozen $25.00
Suitable for use as a cattle marker, hog tamer and calf dehorner.
HALF DOZEN IN A BOX.

HOG SUNDRIES, STOCK FOUNTAINS AND BEE SMOKERS.

HOG CATCHERS.



15 in., malleable iron, japanned, without rope or pole, w't per doz. 18 lbs., per dozen..... $8.00

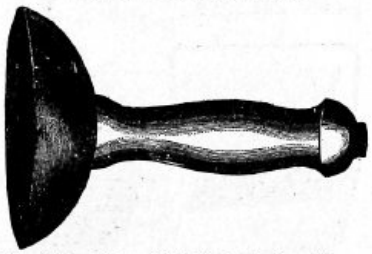
HOG HOLDERS.

Champion, malleable iron, japanned, will hold any size hog, w't per doz. 16 lbs., per dozen..... $6.50

Hill's Pattern, malleable iron, w't per doz. 18 lbs..... .....per dozen $5.00

HALF DOZEN IN A BOX.

HOG SCRAPERS.



No. 8—4 in., iron, bolt through handle, w't per doz. 8 lbs.....per dozen $1.50

No. 4—4 in., finest quality steel, bolt through handle, w't per doz. 8½ lbs., per dozen..... 4.00

HALF DOZEN IN A BOX.

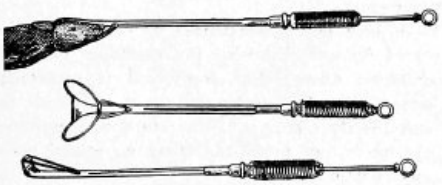
PIG FORCEPS.

Superior, malleable iron, heavily tin plated, length 16 in., w't per doz. 12 lbs.....per dozen $9.00

ONE DOZEN IN A BOX.

No. 120—COLSON'S, No. 8–14 gauge wire, nickel plated and buffed, w't per doz. 5 lbs.,.....per dozen $15.00

ONE IN A BOX.



No. 90—Steel, nickel plated, black enameled wood handle, length extended 25 in., w't per doz. 12 lbs....per dozen $24.00

An absolutely perfect instrument that will extract the pigs from the sows with perfect safety and without injury to the sow or young.

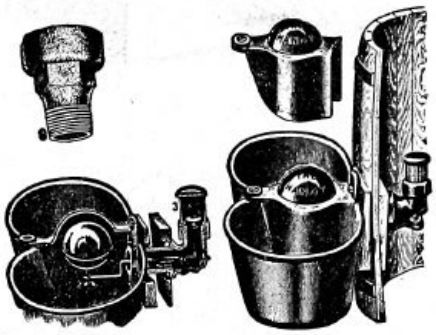
ONE IN A BOX.

PIG AND LAMB FORCEPS.

Whisson's, improved, malleable iron, tinned, length 18 in., w't per doz. 20 lbs .....per dozen $12.00

ONE IN A BOX.

STOCK FOUNTAINS.



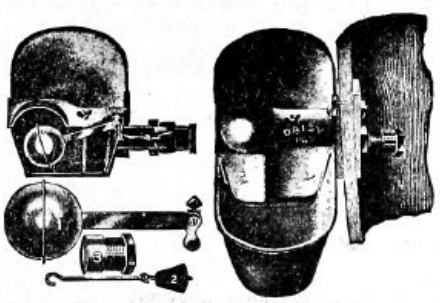
No. 8—HANDY, cast iron, japanned, w't 10½ lbs.....per dozen $28.00

Has a soft rubber button valve and a brass valve-seat that will not corrode or get rough. It has an extra long lever. The brass ball float can be screwed up or down to regulate the flow of water into the pan by simply taking off the cover of center division. The distance from the bottom of pipe hole where water enters pan to bottom of the pan is over 2 in.; this is where the mud settles; none can ever get back into the valve chamber. It is held to barrel or tank by 1 in. pipe nipple, equal to 1 in. bolt.

The construction of the Handy does away with the old method, clamping a thin piece of rubber for the valve-seat between two iron plates which squeeze the hole out of round so that the valve does not fit the hole.

HALF DOZEN IN A CRATE.

HOG WATERERS.

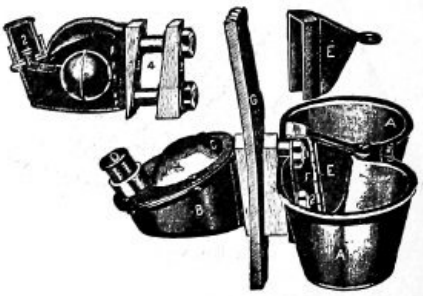


No. 5—DAISY, cast iron, japanned, working parts of brass, w't 12 lbs. per dozen $28.00

The Daisy is very easily attached, having but one ¾ in. pipe to be inserted into tank or barrel. The float chamber is a continuation of the cups and having a raised bottom it throws all mud, etc., into the cups. The cover is secured by a thumb nut and can be removed easily. The valve is a tapering, vulcanized rubber cork and can be adjusted, thus regulating the depth of water in the cups. The valve-seat is made of anti-rust babbitt metal which is forced into the end of the ¾ in. pipe, and then reamed out perfectly smooth so the rubber cork fits exactly. It is impossible for this valve to leak. All working parts are made of brass, and with the exception of the valve, are outside the tank or barrel. Can be attached to a pipe as well as a tank by using a ¾ in. coupling.

HALF DOZEN IN A CRATE.

STOCK FOUNTAINS.



AA—double drinking cup; B—valve and float chamber; C—top of chamber; D—screen cap; E—division or shield; F1—air inlet; F2—water outlet; G—represents barrel stave.
1—brass float; 2—valve; 3-3—wedges used in attaching to barrel; for tank use small wedge only and reverse ends; 4—barrel or tank space.

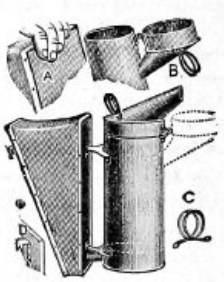
No. 4—IMPROVED DEWEY, cast iron, japanned, w't 20 lbs.....per dozen $28.00

The valve is on the inside of tank or barrel in the water and governed by water closet brass float which cannot rust, leak, freeze or allow mud to collect under it. It can be set for two pens. Will water from 150 to 300 hogs a day, also sheep, calves, and poultry.

No equipoise valve governed by weight of water in cup that a little mud will overbalance. No drinking cup swinging on a pivot to be rooted up and down by a "wise hog," making it necessary to fence in. No float or valve in drinking cup to freeze with first frost and pack with mud. No rubber hose to break and leak in a short time, no braces, no untried or impracticable principles.

HALF DOZEN IN A CRATE.

BEE SMOKERS.



IX Tin Stove, Galvanized Steel Brackets and Hook, Hinged Cover, Removable Grate.

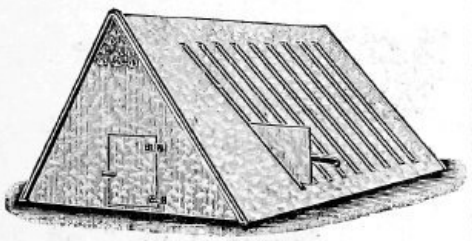
No. 1—JUNIOR, 6¾x2½ in. stove, 7x3¾ in. bellows, w't per doz. 15 lbs., per dozen $15.00

No. 2—STANDARD, 6¾x3¼ in. stove, 7½x3¾ in. bellows, w't per doz. 18 lbs.. .....per dozen 20.00

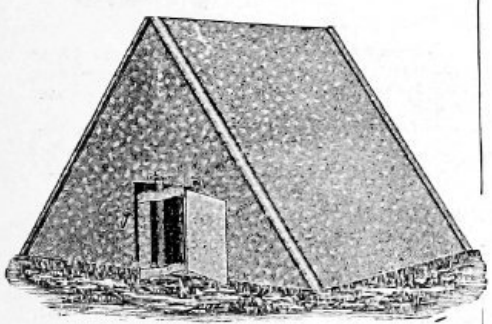
ONE IN A BOX.

BROOD COOPS, POULTRY FOUNTAINS, ETC.

BROOD COOPS.



With Runway.



Without Runway.

No. 4—HEN'S DELIGHT, length 3 ft., width 2 ft. 8 in., height 18 in., galvanized, removable bottom, with 18x28 in. runway, two front doors, a ½ in. mesh door and a storm door, w't per doz. 280 lbs. ★.....per dozen $36.00

No. 5—HEN'S DELIGHT, without runway otherwise same as No. 4, w't per doz. 180 lbs. ★.....per dozen 24.00

This coop is so built that it can be taken apart or set up in a few minutes, and can then be stored in shed or barn, using a minimum of space, a very desirable feature as there is no unsightly barnyard six months in a year. With reasonable care they should last for many years.

The brood division is 18x28 inches and has a galvanized bottom which can be taken out without taking coop apart. It has a door at the back where a person can take care of brood and otherwise clean nest, etc. At the front it has two doors, one a ½-inch mesh door for warm nights, the other a storm door to be used on cold or stormy nights. They are both raised or lowered by a simple device.

It is well ventilated at top with ventilating holes.

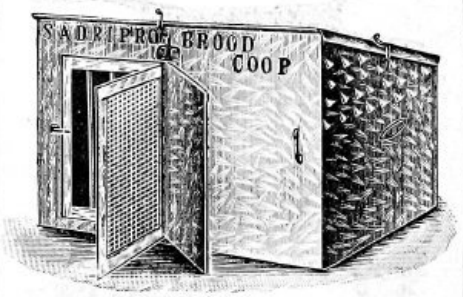
The RUNWAY is 18x28 inches and has no bottom except the earth, which gives the brood a chance for exercise and scratching. The slats are pressed out of the sheet in a U shape which makes them rigid and strong. To the front of the runway there is a slotted door by which means a person can let the chicks out and keep the hen in. There is also a provision made for the hen to leave with brood.

The hen can be set and left in coop until chicks are large enough to take care of themselves. It is absolutely rat, mink, weasel and vermin proof and is perfectly satisfactory in every respect.

HALF DOZEN IN A CRATE.

★*FOR FACTORY SHIPMENT ONLY.*

BROOD COOPS.



No. 6—SA-DRI-PRO, length 23 in., width 17½ in., height in front 16 in., height in back 12 in., galvanized iron, w't per doz. 180 lbs.....per dozen $24.00

The Sa-Dri-Pro Brood Coop will save the chicks you are losing every year by being kept in damp, unhealthy coops which are infected with disease germs, mites and lice, that are destroyed by rain, exposure, rats, weasels, minks and skunks. Your chicks are safe.

Fitted with three swinging doors, first door fitted with steel bars, retaining the hen and allowing chicks to pass in and out, second door is fitted with close-mesh galvanized netting and is used on hot nights to ventilate, at the same time making coop positively rat, weasel, mink and skunk proof; third door is solid galvanized steel and is used in cold or stormy weather. Ventilators are provided which admit fresh air at all times. Doors are held firmly in position by patent automatic spring latch.

Can be set up or knocked down in 15 seconds and easily moved from one place to another.

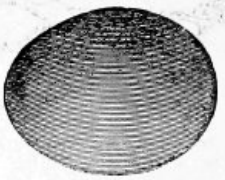
The sections are held together by sliding lock seams.

ONE DOZEN IN A CRATE.

HENS' NESTS.

No. 45—Steel wire, japanned, diameter 13 in., mesh 1½ in., w't per doz. 4 lbs.....per dozen $1.35

NEST EGGS.



No. 1—Opal glass, w't per doz. 10 oz., per dozen.....$0.50

POULTRY FOUNTAINS.

HENFRIEND, Best Galvanized Iron.

No. 3—4x4x6 in., for chicks, capacity ⅓ gal., w't per doz. 30 lbs..per dozen $ 5.00

No. 2—6x6x9 in., capacity 1¼ gals., w't per doz. 25 lbs.....per dozen 7.00

No. 1—8x8x12 in., capacity 2½ gals., w't per doz. 40 lbs.....per dozen 10.00

The Henfriend provides a shallow drinking trough with a reserve supply of water that comes down automatically as the fowls drink it out.

Cheap, practical and durable. The edges project beyond the flat surface of the body forming guards of three thicknesses of metal to take the wear all on the edges. They also hold the tank up from the ground to permit the circulation of air underneath which prevents it from rusting on the bottom.

A good many complaints of poultry can be cured by administering the medicine in their drinking water. The Henfriend is especially adapted for this, as by the action of the air in entering the top part of the fountain, it agitates the water and keeps the medicine mixed thoroughly with the water.

Will not drown chicks, is easy to fill and easy to clean. Keeps the water cool in summer and if filled with hot water in the morning it will not freeze during the day in cold weather.

NOS. 1 AND 2, HALF DOZEN; NO. 3, ONE DOZEN IN A CRATE.

BELLS.

COW.

Nos.	7	6	5	4	
Height	2¼	2½	3½	4	in.
Width	2¼	3	3	3½	in.
W't per doz.	4	5	6	9	lbs.
Per dozen	$2.50	3.00	4.00	5.00	

Nos.	3	2	1	0	
Height	4¾	5½	6	6½	in.
Width	4¼	4½	5	5½	in.
W't per doz.	12	18	24	27	lbs.
Per dozen	$6.00	8.00	10.00	12.00	

The measure for height is without loop.

SWISS, Highest Grade Bell Metal.

Nos.	4	5	
Diameter	4	5	in.
W't per doz.	12	25	lbs.
Per dozen	$8.40	14.40	

The weight given is approximate.

COW BELL STRAPS.

1¼x42 in., w't per doz. 5 lbs., per dozen $3.75
1¾x42 in., w't per doz. 6 lbs., " 4.25

TURKEY.

No. 2—1¼ in., nickel plated bell, riveted to ½ in. strap, japanned buckle, per dozen $1.75

ONE DOZEN IN A BOX.

SHEEP.

No. 8—Wrought steel, copper plated, inside dimensions 1⅜x1⅞ in., w't per doz. 2½ lbs. ..... per dozen $2.00

No. 01 — 2 7/16 in. mouth, riveted to ⅝x14 in. strap, sheet steel, copper plated, w't per doz. 4¾ lbs., per dozen $4.00

No. 1 — Unpolished bell metal, 1¼ x 1½ in. mouth, riveted to ⅝ x 16 in. strap, w't per doz. 3 lbs., per dozen $3.00

TEAM.

Sheet Steel, Nickel Plated.

No. 2 — 2⅞ in. mouth, w't per doz. 2¾ lbs. ..... per dozen $3.00

No. 3 — 3⅜ in. mouth, w't per doz. 3¾ lbs. ..... per dozen 3.75

HORSE CAR.

Unpolished Bell Metal, Loop Rod Tongue, Cas into Bell.

No. 4—3 in. mouth, w't per doz. 8 lbs., per dozen $6.00

No. 7—4 in. mouth, w't per doz. 11 lbs., per dozen 7.50

FARM.

Steel Composition, Bronzed, Japanned Frame.

Nos.	1	2	3	
Width	15	17	19	in.
Weight	40	50	75	lbs.
Each	$4.00	5.00	7.50	

Steel Composition, Bronzed, Japanned Frame.

No. 4—Width 21 in., w't 100 lbs. . . each $10.00

No. 4 bell is furnished with two uprights for platform or belfry.

SCHOOL, CHURCH AND FIRE BELLS.

SCHOOL BELLS.

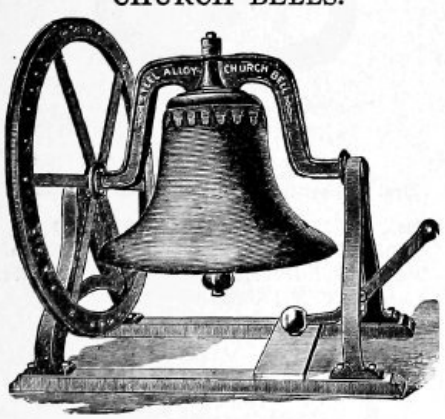
Steel Alloy, with Mountings, Wheel, Wood Sill.

Nos.	★20	★22	
Diameter	20	22	in.
W't of bell	108	124	lbs.
W't complete	160	210	lbs.
Each	$16.00	20.00	

Nos.	★24	★26	★28	
Diameter	24	26	28	in.
W't of bell	165	227	265	lbs.
W't complete	265	345	420	lbs.
Each	$25.00	40.00	50.00	

All except No. 20 have springs. Tolling hammers can be furnished for Nos. 24, 26 and 28, when ordered, at $6.00 list extra.

CHURCH BELLS.



Steel Alloy, with Mountings, Wheel, Wood Sill and Tolling Hammer.

Nos.	★30	★32	★34	★36	
Diameter	30	32	34	36	in.
W't of bell	310	400	490	580	lbs.
W't complete	540	610	745	910	lbs.
Each	$65.00	75.00	90.00	110.00	

Nos.	★38	★40	★42	
Diameter	38	40	42	in.
W't of bell	700	820	930	lbs.
W't complete	1020	1270	1380	lbs.
Each	$125.00	150.00	165.00	

Nos.	★44	★46	★48	
Diameter	44	46	48	in.
W't of bell	1070	1180	1460	lbs.
W't complete	1585	1710	2100	lbs.
Each	$200.00	225.00	250.00	

Warranty—The manufacturers warrant these bells against breaking, with ordinary use, for five years.

FIRE BELLS.

Steel Alloy, with Side Sheaves, Clapper, Spring and Bolt. Frame is not Furnished.

Nos.	★130	★132	★134	
Diameter	30	32	34	in.
W't of bell	310	400	490	lbs.
Each	$50.00	60.00	70.00	

Nos.	★136	★140	★142	
Diameter	36	40	42	in.
W't of bell	580	820	930	lbs
Each	$80.00	120.00	135.00	

Nos.	★144	★146	★148	
Diameter	44	46	48	in.
W't of bell	1075	1180	1460	lbs.
Each	$150.00	175.00	200.00	

Steel Alloy, Double Headed Clapper and Frame Complete.

Nos.	★530	★532	★534	
Diameter	30	32	34	in.
W't of bell	310	400	490	lbs.
W't complete	530	620	700	lbs.
Each	$70.00	80.00	95.00	

Nos.	★536	★540	★542	
Diameter	36	40	42	in.
W't of bell	580	820	930	lbs.
W't complete	845	1200	1395	lbs.
Each	$115.00	155.00	180.00	

Nos.	★544	★546	★548	
Diameter	44	46	48	in.
W't of bell	1075	1180	1460	lbs.
W't complete	1560	1720	2015	lbs.
Each	$205.00	230.00	260.00	

All school, church and fire bells are listed at pattern weights only. We do not guarantee that they will weigh as listed.

★ *FOR FACTORY SHIPMENT ONLY.*

PADLOCKS.

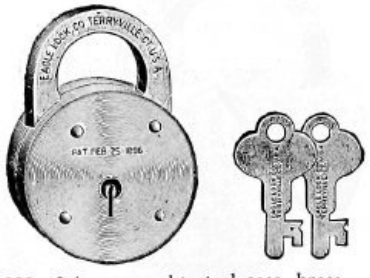
No. 1B. No. 3B.

Polished Wrought Brass.

No. 1B—5/8 in., w't per doz. 1/4 lb., per dozen..... $2.00
No. 2B—3/4 in., w't per doz. 3/8 lb., per dozen..... 2.20
No. 3B—1 in., fine tumbler, w't per doz. 5/8 lb.....per dozen 2.30
NOS. 1B AND 2B, TWO DOZEN; 3B ONE DOZEN IN A BOX.

No. 1200—1 1/2 in., polished cast brass, spring shackle, self-locking, 2 flat steel keys, w't per doz. 3 lbs.....per dozen $1.60
ONE DOZEN IN A BOX.

No. 915—2 in., wrought steel case, brass plated, self-locking, spring shackle, brass revolving key hub, 2 bent steel keys, 12 changes, w't per doz. 3 lbs., per dozen..... $2.60
ONE DOZEN IN A BOX.



No. 882—2 in., wrought steel case, brass plated, self-locking, spring shackle, revolving key hub, 2 flat steel keys, w't per doz. 2 1/2 lbs.....per dozen $2.25
No. 880—2 in., wrought steel case, ivory black finish, self-locking, bright steel spring shackle, 2 secure levers, revolving key hub, 2 bent steel keys, 12 changes, w't per doz. 2 1/2 lbs.....per dozen 2.25
ONE DOZEN IN A BOX.

No. 1205—COON, 2 in., japanned, pressed steel case, 1 tumbler, spring shackle, self-locking, 2 flat steel keys 4 changes, w't per doz. 4 lbs.....per dozen $2.00
ONE DOZEN IN A BOX.

No. 1906—OLD OAK, 2 in., electro-galvanized rust-proof, pressed steel case, self-locking spring shackle, brass pivot studs and key bushing, 2 flat steel keys, 4 changes, w't per doz. 2 1/2 lbs. per dozen $2.50
ONE DOZEN IN A BOX.

No. 1907—2 1/4 in., all steel case, nickel spring shackle, self-locking, 2 heavy steel barrel formed keys, 2 changes, w't per doz. 4 lbs.....per dozen $3.75
HALF DOZEN IN A BOX.

Self-Locking, Polished Wrought Brass, Lacquered Spring Shackle, Flat Steel Key.

No. 4016—1 in., 4 changes, w't per doz. 3/4 lb.....per dozen $2.80
No. 4018—1 1/4 in., 5 changes, w't per doz. 1 lb.....per dozen 3.00
No. 4020—1 1/2 in., 6 changes, w't per doz. 1 1/2 lbs.....per dozen 3.60
ONE DOZEN IN A BOX.

No. 400—"R. F. D.," 1 1/2 in., polished wrought brass, lacquered, spring shackle self-locking, 2 flat steel keys, 12 changes, 1 master key to each dozen, w't per doz. 1 1/2 lbs.....per dozen $4.00
Designed for the rural free delivery service.
ONE DOZEN IN A BOX.

No. 300—"R. F. D.," 1 1/4 in., polished brass case, self-locking, spring shackle, 4 levers, 2 flat steel keys, 150 changes, with master key, w't per doz. 2 1/2 lbs., per dozen..... $6.50
Designed for the rural free delivery service.
ONE DOZEN IN A BOX.

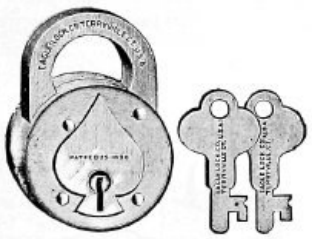
No. 500—"R.F.D.," 1 5/8 in., heavy polished brass case, galqanized steel nickled spering shackle, heavy slotted key cylinder, drain passage, lock cannot freeze up, 2 corugated individual keys, 1 master key with each dozen, 12 changes, w't per doz. 4 lbs...per dozen $4.50
Designed for the rural free delivery service.
ONE IN A BOX, ONE DOZEN IN A CARTON.

No. 4092—1 5/8 in., ivory black steel case, self-locking, brass plated shackle, flat steel key, 5 changes, w't per doz. 1 1/4 lbs.....per dozen $1.80
ONE DOZEN IN A BOX.

PADLOCKS.

No. 1960—1¼ in., brass plated steel case, self-locking, spring shackle, 2 secure levers, 3 wards, 2 nickel plated flat steel keys, 12 changes, w't per doz. 1½ lbs.....per dozen $2.50

HALF DOZEN IN A BOX.



No. 875—1¾ in., polished wrought brass, raised bushing, self-locking, spring shackle, revolving key hub, 2 flat steel keys, 5 changes, w't per doz. 2½ lbs., per dozen..... $4.00

ONE DOZEN IN A BOX.

No. 920—2 in., brass plated wrought steel case, self-locking, spring shackle, 2 secure levers, 3 wards, brass revolving key hub, 2 nickel plated flat steel keys, 12 changes, w't per doz. 4 lbs., per dozen $4.00

No. 925—2¼ in., 4 wards, otherwise same as No. 920, w't per doz. 4½ lbs., per dozen..... 4.50

HALF DOZEN IN A BOX.

No. 4010—2 in., polished wrought steel case, self-locking, spring shackle, 6 secure levers, 2 double bitted keys, 12 changes, w't per doz. 5 lbs...per dozen $5.50

No. 4012—2 in., brass plated wrought steel case, self-locking, spring shackle, 6 secure levers, 2 double bitted flat bow keys, 12 changes, w't per doz. 5 lbs., per dozen..... 6.00

NO. 4010, ONE DOZEN; NO. 4012, HALF DOZEN IN A BOX.

No. 1945—2½ in., brass plated wrought steel case, self-locking, spring shackle, 8 secure levers, 2 double bitted flat bow keys, 12 changes, w't per doz. 9 lbs., per dozen..... $8.00

ONE DOZEN IN A BOX.

No. 1904—2 in., steel case, black ivory finish, self-locking, brass plated spring shackle, 6 secure levers, 2 nickel plated flat steel keys, 12 changes, w't per doz. 4 lbs.....per dozen $9.00

No. 01904—2 in., brass case, satin finish, black nickeled steel shackle, otherwise same as No. 1904, w't per doz. 4 lbs., per dozen..... 11.00

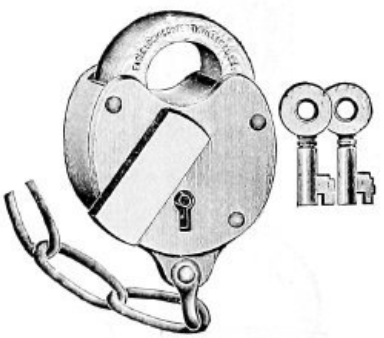
HALF DOZEN IN A BOX.

No. 1910—2 in., ivory black wrought steel case, self-locking, nickel plated spring shackle, 6 secure levers, 2 nickel plated corrugated steel keys, w't per doz. 4½ lbs.....per dozen $8.00

HALF DOZEN IN A BOX.

No. 6840—2 in., wrought steel case, antique silver finish, self-locking, heavy polished brass spring shackle, brass rivets and inside mechanism, brass revolving key hub, 4 levers, 2 flat steel keys, 24 changes, w't per doz. 5 lbs.....per dozen $11.00

ONE DOZEN IN A BOX.



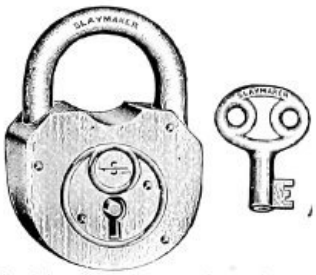
No. 04151—2¼ in., unpolished cast bronze, self-locking, spring shackle and drop, secure lever and ward, with 9 in. heavy iron chain, 2 bronze keys, 3 changes, w't per doz. 8 lbs. ,per dozen..... $12.50

HALF DOZEN IN A BOX.

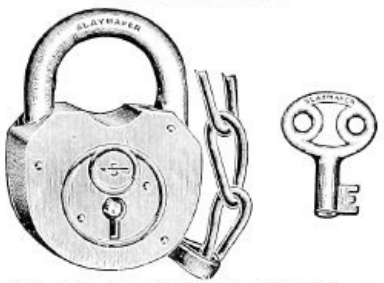
No. 4130—3 in., tinned steel, self-locking, cast spring shackle and drop, tumbler and ward, 15 in. heavy iron chain, 1 bronze key, all alike, w't per doz. 11 lbs.....per dozen $14.00

HALF DOZEN IN A BOX.

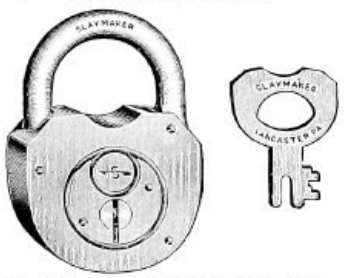
PADLOCKS.



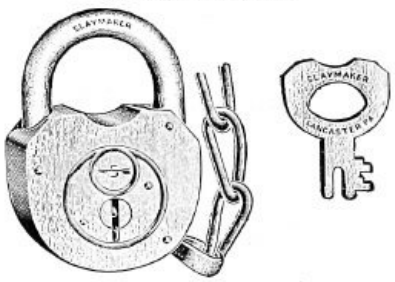
No. 630—2 in. black japanned, steel case, solid malleable iron shackle, formed shell, with large opening, two levers to heel of shackle, nose locking device, with 2 nickel plated drilled barrel keys, 12 changes, w't per doz. 3½ lbs..per dozen $3.00
No. 635—2 in. brass plated finish, otherwise same as No. 630, 12 changes, w't per doz. 3½ lbs.....per dozen 3.00
ONE DOZEN IN A BOX.



No. 632—2 in. black japanned, steel case, solid malleable iron shackle, formed shell, with large opening, two levers to heel of shackle, nose locking device, with 2 nickel plated drilled barrel keys, with 9 in. japanned chain, 12 changes, w't per doz. 4½ lbs.....per dozen $4.50
HALF DOZEN IN A BOX.



No. 620—2 in. black japanned, steel case, solid malleable iron shackle, formed shell, with large opening, two levers to heel of shackle, nose locking device, with 2 flat steel nickel plated keys, 12 changes, w't per doz. 3¾ lbs.per dozen $2.75
No. 525—2 in. brass plated finish, otherwise same as No. 620, 12 changes, w't per doz. 3¾ lbs.....per dozen 2.75
ONE DOZEN IN A BOX.



No. 622—2 in. black japanned, steel case, solid malleable iron shackle, formed shell, with large opening; two levers to heel of shackle, nose locking device, with 2 flat steel nickel plated keys with 9 in. japanned chain, 12 changes, w't per doz. 4 lbs.....per dozen $4.50
ONE DOZEN IN A BOX.

No. 650—GREEK, 1½ in. black enameled pressed steel case, self locking, spring malleable iron nickeled shackle, with rigid key center and 2 drilled barrel keys, 6 changes, w't per doz. 2½ lbs., per dozen..... $1.80
ONE DOZEN IN A BOX.

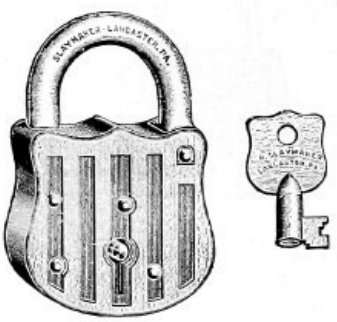
No. 670—GREEK, 1⅞ in. japanned pressed steel case, self locking, spring nickel plated shackle, 2 drilled barrel keys, rigid key center, 6 changes, w't per doz. 3¼ lbs.....per dozen $2.30
No. 675—GREEK, 1⅞ in., brass plated, otherwise same as No. 670, 6 changes, w't per doz. 3¼ lbs.....per dozen 2.30
ONE DOZEN IN A BOX.

No. 640—YORK, 1½ in. black enameled pressed steel case, self locking, spring malleable iron, nickeled shackle, brass key stud, 2 nickeled steel keys, 6 changes, w't per doz. 2¼ lbs..per dozen 1.50
ONE DOZEN IN A BOX.

No. 660—YORK, 1⅞ in. japanned pressed steel case, self locking, spring nickel plated shackle, brass key bushing, 2 keyed, 6 changes, w't per doz. 3 lbs., per dozen..... $2.00
No. 665—YORK, 1⅞ in. brass plated, otherwise same as No. 660, 6 changes, w't per doz. 3 lbs.....per dozen $2.00
ONE DOZEN IN A BOX.

No. 750—2¼ in. enameled steel case, brass trimmed, brass plated, malleable iron shackle, slotted key cylinder, 2 nickeled corrugated steel keys, 12 changes, w't per doz. 5 lbs...per dozen $6.50
HALF DOZEN IN A BOX.

No. 510—GUARD, 1⅝ in. heavy polished brass case, galvanized steel, nickeled spring shackle, heavy slotted key cylinder, 2 corrugated keys, 12 changes, w't per doz. 4 lbs.....per dozen $4.00
ONE DOZEN IN A BOX.



No. 695—2¼ in. brass plated steel case, compressed steel self-locking spring shackle, with steel key stud, greatly increased security and durability, 2 barrel keys, lever lock, 6 changes, w't per doz. 4½ lbs.....per dozen $3.30
ONE DOZEN IN A BOX.

No. 685—2 in. brass plated drawn steel case, self locking, spring lever, nickeled malleable iron spring shackle, 2 drawn steel self-cleaning barrel keys, brassed, 6 changes, w't per doz. 3½ lbs., per dozen $2.75
HALF DOZEN IN A BOX.

PADLOCKS.

No. 16 No. 21.

Steel Case, Enameled Black, Self-Locking, Nickel Plated Spring Shackle, Revolving Key Hub, Two Flat Steel Keys.

No. 16 —1 5/16 in., 6 changes, w't per doz. 1 lb. ..... per dozen $1.50
No. 18 —1½ in., 6 changes, w't per doz. 1½ lbs. ..... per dozen 1.80
No. 19 —1¾ in., 6 changes, w't per doz. 2 5/16 lbs. ..... per dozen 2.40
No. 21 —2 in., 12 changes, w't per doz. 2¾ lbs. ..... per dozen 3.00
No. 22 —2⅜ in., 24 changes, w't per doz. 4¾ lbs. ..... per dozen 4.20
No. 18B—Case and shackle brass plated, otherwise same as No. 18.... per dozen 2.16
No. 19B—Case and shackle brass plated, otherwise same as No. 19.... per dozen 3.00
No. 21B—Case and shackle brass plated, otherwise same as No. 21.... per dozen 3.60

NOS. 16, 18, 19, 18B, 19B, ONE DOZEN IN A BOX.
NOS. 21, 22, 21B, HALF DOZEN IN A BOX.

No. 4402—2 in., wrought steel case, ivory black finish, self-locking, spring shackle, secured, 4 levers, revolving key hub, 2 flat steel keys, 12 changes, w't per doz. 3 lbs. ..... per dozen $4.50

HALF DOZEN IN A BOX.

No. 214—1½ in., polished cast brass case, self-locking, spring shackle, 2 nickel plated flat steel keys, 6 changes, w't per doz. 2¼ lbs. ..... per dozen $3.75
No. 221—1⅞ in., otherwise same as No. 214, w't per doz. 4 lbs. ..... per dozen 5.50

HALF DOZEN IN A BOX.

No. 110B—2⅛ in., wrought steel case, brass plated, self-locking, spring shackle, brass revolving key hub, 2 nickel plated flat steel keys, 24 changes, w't per doz. 5 lbs. ..... per dozen $3.75

HALF DOZEN IN A BOX.

No. 250—3 in., wrought steel case, black japanned finish, self-locking, new automatic lever, malleable spring shackle, 2 flat nickeled keys, 6 changes, w't per doz. 2½ lbs. ..... per dozen $3.60

HALF DOZEN IN A BOX.

No. 895—2 in., steel case, chemical black finish, self-locking, polished steel spring shackle, 6 levers, brass inside mechanism and revolving key hub, 2 flat steel keys, innumerable changes, w't per doz. 4 lbs. ..... per dozen $7.50

HALF DOZEN IN A BOX.

No. 1. No. 10

No. 1—CHAMPION, 2¼ in., polished cast bronze metal case, self-locking, 6 levers, brass inside mechanism, phosphor bronze springs, 2 nickel plated steel keys, 12 changes, w't per doz. 6 lbs. per dozen $11.40
No. 10—CHAMPION, *with tinned steel chain*, otherwise same as No. 1, w't per doz. 7 lbs. ..... per dozen 14.40

HALF DOZEN IN A BOX.

No. 79.

No. 79 —2⅛ in., cast brass case, self-locking, spring shackle, spring drop, 2 brass keys, with chain, 12 changes, w't per doz. 5½ lbs. ..... per dozen $12.00
No. 79½—Keys all alike, otherwise same as No. 79, w't per doz. 5½ lbs., per dozen 12.00
No. 89 —2½ in., switch lock, rough cast brass, otherwise same as No. 79, w't per doz. 7 lbs. ..... per dozen 16.00

HALF DOZEN IN A BOX.

No. 877—2 in., wrought steel case, brass plated, self-locking, spring shackle, brass revolving key hub, 2 nickel plated flat steel keys, 12 changes, w't per doz. 3½ lbs. ..... per dozen $3.25

HALF DOZEN IN A BOX.

PADLOCKS.

"OUR VERY BEST."

No. 200 OVB—2 in. hard cast bronze case, highly polished, self-locking bronze metal spring shackle, brass and bronze inside mechanism, pin tumblers, positive lock, 2 German silver heavy corrugated keys, unlimited changes, w't per doz. 6 lbs.....per dozen $28.00

No. 200 OVB—With master key ★, per dozen..... 32.00

★*FACTORY SHIPMENT ONLY.*

HALF DOZEN IN A BOX.

No. 100 OVB—2⅛ in., cast bronze case, with ground surfaces and oxidized background, cast bronze spring shackle, double lock bolts, locking both ends of shackle, 4 levers, all inner works brass, 2 flat steel ribbed keys, 48 changes, w't per doz. 4½ lbs., per dozen..... $9.00

HALF DOZEN IN A BOX.

No. 1000—RED CHIEF, 2⅛×2⅝ in., heavy malleable steel case, full brass plated, with red background, brass plated wrought iron spring shackle, brass keyway, 2 flat steel keys, 6 changes, indestructible, w't per doz. 5½ lbs.....per dozen $5.00

HALF DOZEN IN A BOX.

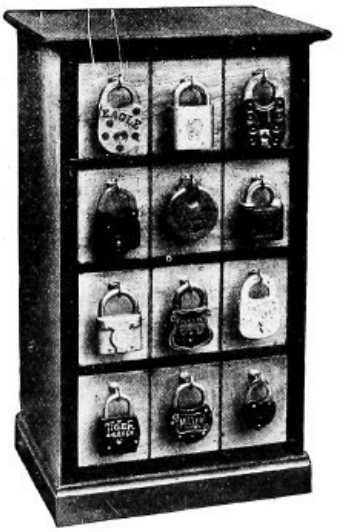
No. 825—2⅛ in., cast phosphor bronze case, polished pin tumbler, bronze spring shackle, 2 embossed German silver keys, all different, w't per doz. 11¼ lbs.....per dozen $27.00

HALF DOZEN IN A BOX.

No. 1940—"U. S. A.," 2 in., steel case, ivory black finish, self-locking, brass plated spring shackle, 6 secure levers, 2 nickel plated flat steel keys, 12 changes, w't per doz. 5 lbs., per dozen $10.00

HALF DOZEN IN A BOX.

DISPLAY AND STOCK CASES.



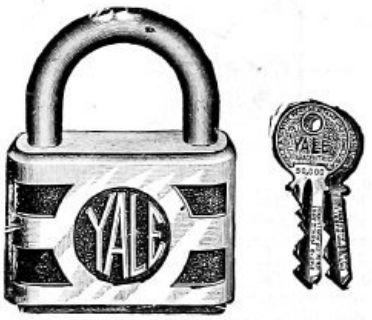
No. 20—21×11×8½ in., hardwood, cherry stained, with four varnished maple face drawers, having 3 compartments each, provided with brass cup hooks.

Write for particulars.

No. 840—1¾ in., bronze metal case, self-locking, steel spring shackle and inside mechanism, 5 tumblers, 2 paracentric keys, unlimited changes, w't per doz. 9 lbs.....per dozen $35.75

No. 850—2 in., otherwise same as No. 840, w't per doz. 9¼ lbs....per dozen 43.70

HALF DOZEN IN A BOX.



No. 870—2⅛ in., bronze metal case, self-locking, steel spring shackle and inside mechanism, 5 tumblers, 2 German silver corrugated keys, unlimited changes, w't per doz. 24 lbs..per doz. $65.50

HALF DOZEN IN A BOX.

No. 803F—1½ in., rustless cast iron case, self-locking, bronze metal spring shackle and inside mechanism, 3 tumblers, 2 flat steel keys, 36 changes, w't per doz. 3⅞ lbs.....per dozen $17.90

No. 805F—2 in., 144 changes, 4 tumblers, otherwise same as No. 803F, w't per doz. 8 lbs.....per dozen 17.90

HALF DOZEN IN A BOX.

PADLOCKS.

No. 905—2 in., heavy cast iron case, self-locking, wrought bronze spring shackle, 4 tumblers, 2 fluted keys, 144 changes, w't per doz. 8 lbs., per dozen $21.85
HALF DOZEN IN A BOX.

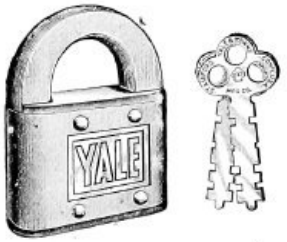
No. 743S—1½ in., rustless steel case, self-locking, steel spring shackle, brass inside mechanism, 2 German silver corrugated keys, 36 changes, w't per doz. 3 lbs. ..... per dozen $19.85
No. 745S—2 in., 144 changes, 4 tumblers, otherwise same as No. 743S, w't per doz. 4 lbs. ..... per dozen 21.85
HALF DOZEN IN A BOX.

No. 813. No. 863.

Polished Cast Bronze Metal, Self-Locking, Spring Shackle.

No. 800—¾ in., 3 brass tumblers, 2 corrugated keys, 24 changes, w't per doz. 1¾ lbs. ..... per dozen $29.75
No. 813—1 in., 3 brass tumblers, 2 nickel plated flat steel keys, 54 changes, w't per doz. 2 lbs. ..... per dozen 20.00
No. 833—1½ in., 3 brass tumblers, 2 nickel plated flat steel keys, 48 changes, w't per doz. 4 lbs. ..... per dozen 25.00
No. 853—2 in., 4 brass tumblers, 2 nickel plated flat steel keys, 144 changes, w't per doz. 7 lbs. ..... per dozen 31.00
No. 863—2¼ in., 4 brass tumblers, 2 nickel plated flat steel keys, 144 changes, w't per doz. 8¾ lbs. per dozen 38.50
No. 873—2½ in., 4 brass tumblers, 2 nickel plated flat steel keys, 144 changes, w't per doz. 13 lbs., per dozen 57.05
HALF DOZEN IN A BOX.

No. 743V—1½ in., bronze metal case, self-locking, steel spring shackle, brass inside mechanism, 3 tumblers, 2 German silver corrugated keys, 36 changes, w't per doz. 3 lbs. . per dozen $23.85
No. 745V—2 in., 144 changes, 4 tumblers, otherwise same as No. 743V, w't per doz. 4 lbs. ..... per dozen 25.80
HALF DOZEN IN A BOX.



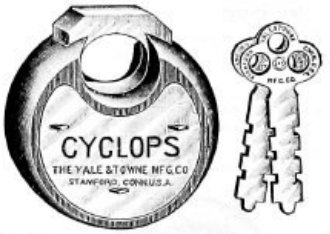
No. 8434—1½ in., rustless seamless wrought steel case, self-locking, forged steel spring shackle, 3 tumblers, 2 nickel plated steel keys, 48 changes, w't per doz. 2¾ lbs. ..... per dozen $16.90
No. 8454—2 in., 144 changes, 4 tumblers, otherwise same as No. 8434, w't per doz. 6 lbs. ..... per dozen 20.85
HALF DOZEN IN A BOX.

No. 633—1½ in., black enameled steel case, self-locking, blued steel shackle, brass inside mechanism, 5 lever tumblers, 2 nickel blated flat steel keys, 18 changes, w't per doz. 3½ lbs., per dozen..... $10.95
No. 635—2 in., otherwise same as No. 633, w't per doz. 6¼ lbs. . . . per dozen 12.95
HALF DOZEN IN A BOX.

No. 645J—2 in., ivory black steel case, nickel plated steel spring shackle, self-locking, 3 lever tumblers, 12 changes, 2 nickel plated steel keys, w't per doz. 3 lbs. ..... per dozen $4.80
HALF DOZEN IN A BOX.

No. 684J—1¾ in., ivory black steel case, self-locking, brass plated spring shackle, brass rivets and inside mechanism, revolving key hub, nickel plated flat steel key, 12 changes, w't per doz. 1½ lbs., per dozen $3.00
ONE DOZEN IN A BOX.

No. 225—2 in., cast iron case, bowerbarff finish, panels of wrought steel, heavily brass plated and scratch brushed, brass plated steel shackle, wrought steel inside mechanism, 2 nickel plated flat steel keys, 4 changes, w't per doz. 3½ lbs. ..... per dozen $7.95
ONE DOZEN IN A BOX



No. 215—CYCLOPS, 2¾ in., cast iron case, Nubian finish, brass plated and scratch brushed, wrought steel caps, malleable iron shackle, 2 nickel plated flat steel keys, 6 changes, w't per doz. 8 lbs., per dozen..... $7.95
HALF DOZEN IN A BOX.

No. 326—LOXOL, 2¼ in., cast iron case, Nubian finish, steel shackle, old copper finish steel face, 2 nickel plated flat steel keys, 6 changes, w't per doz. 8¼ lbs., per dozen..... **$11.95**
HALF DOZEN IN A BOX.

PADLOCKS.

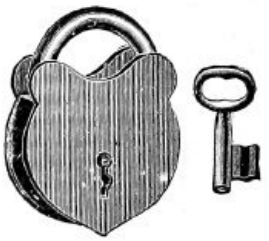
No. 805½F—2 in., bronze metal case, self-locking, bronze spring shackle and inside mechanism, 4 tumblers, 2 flat steel keys, 9 in. galvanized iron chain, 144 changes, wt' per doz. 9 lbs., per dozen..... $20.90

HALF DOZEN IN A BOX.

No. 853½—2 in., polished, cast bronze metal case, self-locking, bronze spring shackle, 4 brass tumblers, 2 nickel plated flat steel keys, 9 in. chain, 144 changes, w't per doz. 8 lbs...per dozen $35.20

No. 863½—2¼ in., otherwise same as No. 853½, w't per doz. 9½ lbs., per dozen..... 42.70

HALF DOZEN IN A BOX.



No. 0000—2 in., japanned case, 1 key, w't per doz. 2 lbs..... .....per dozen $2.50

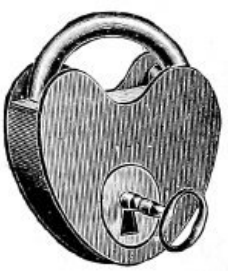
ONE DOZEN IN A BOX.

No. 850½—2 in., rustless iron case, self-locking steel spring shackle, and inside mechanism, 5 tumblers, 2 paracentric keys, 9 in. galvanized iron chain, unlimited changes, w't per doz. 10½ lbs.....per dozen $47.70

HALF DOZEN IN A BOX.

No. 3052—2⅛ in., solid iron japanned case, polished malleable iron hasp, secured, wrought iron tumblers, 2 nickel plated flat steel keys, 12 changes, w't per doz. 9 lbs.....per dozen $8.80

HALF DOZEN IN A BOX.



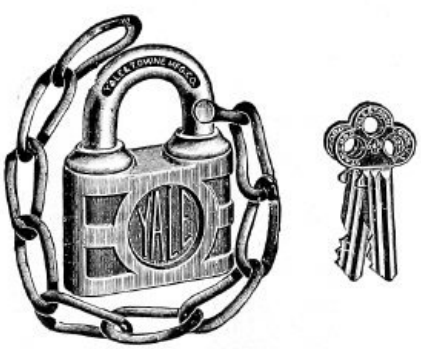
No. 000.

No. 000—2¼ in., japanned case, raised bushing, without drop, 1 key, w't per doz. 3½ lbs., ... per dozen $2.70

No. 00—2¼ in., japanned case, brass drop, 1 key, w't per doz. 3½ lbs., per dozen..... 3.25

No. 00—With 2 keys.....per dozen 3.75

NO. 000, ONE DOZEN; NO. 00, HALF DOZEN IN A BOX.



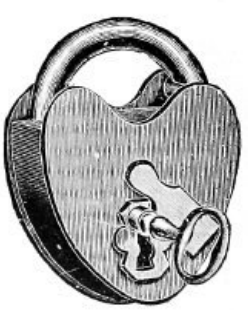
No. 905½—2 in., rustless iron case, self-locking, bronze metal spring shackle and inside mechanism, 4 tumblers, 2 corrugated steel keys, 9 in, galvanized iron chain, 144 changes, w't per doz. 9 lbs., ...per dozen $24.85

HALF DOZEN IN A BOX.

No. 3053—1¾ in., solid iron japanned case, malleable iron hasp, secured, wrought iron tumblers, 2 nickel plated flat steel keys, japanned iron chain, 12 changes, w't per doz. 7 lbs...per dozen $9.60

No. 3054—2⅛ in., otherwise same as No. 3053, w't per doz. 10 lbs..per dozen 10.80

HALF DOZEN IN A BOX.

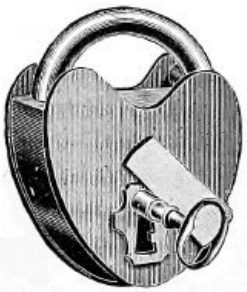


No. 2—2½ in. japanned case, brass drop and bushing, 4 changes, 1 key, w't per doz. 5 lbs.....per dozen $4.40

No. 2—With 2 keys..... " 5.50

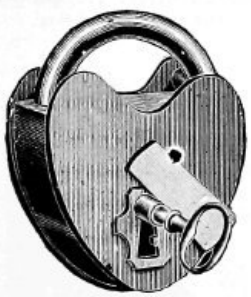
HALF DOZEN IN A BOX.

PADLOCKS.



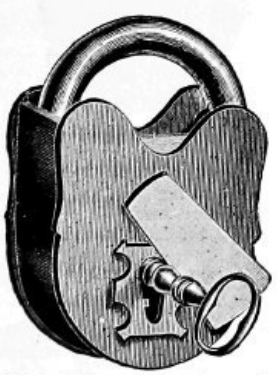
No. 3—2½ in., japanned case, brass drop and bushing, 4 changes, 1 key, w't per doz. 5 lbs.....per dozen $4.65

HALF DOZEN IN A BOX.



No. 5—2½ in., japanned case, brass drop and bushing, heavy, 2 wheels, side wards, 12 changes, 2 keys, w't per doz. 6 lbs.....per dozen $6.60

HALF DOZEN IN A BOX.

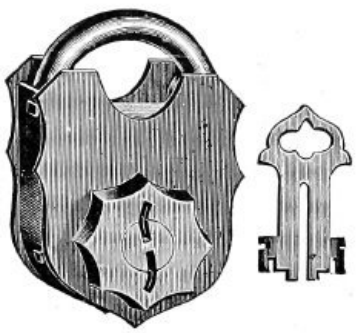


No. 7—2¾ in., japanned case, brass drop and bushing, heavy, 2 wheels, side and bridge wards, 12 changes, 2 keys, w't per doz. 9 lbs.....per dozen $10.00

HALF DOZEN IN A BOX.

No. 3017—2½ in., japanned case, brass drop and bushing, patent rotating key hub, 2 solid steel keys, 12 changes, w't per doz. 5½ lbs.....per dozen $7.70

HALF DOZEN IN A BOX.



No. 3026—2½ in., japanned case, fancy brass bushed, double chamber, revolving key pin, 2 double bitted steel keys, 12 changes, w't per doz. 7¾ lbs., per dozen..... $9.20

HALF DOZEN IN A BOX.

No. 3027—2¼ in., japanned case, fancy brass bushed, double chamber, revolving key pin, 2 double bitted steel keys, w't per doz. 5 lbs.....per dozen $7.95

HALF DOZEN IN A BOX.

No. 14—2½ in., japanned case, extra fine, brass drop and bushing, spring shackle, with chain, 1 key, 6 changes, w't per doz. 8 lbs.....per dozen $8.35

HALF DOZEN IN A BOX.

No. 3066—2¼ in., japanned case, brass bushed, double chamber, self-locking, spring shackle, revolving key pin, with chain, 1 double bitted steel key, 12 changes, w't per doz. 6 lbs...per dozen $8.75

HALF DOZEN IN A BOX.

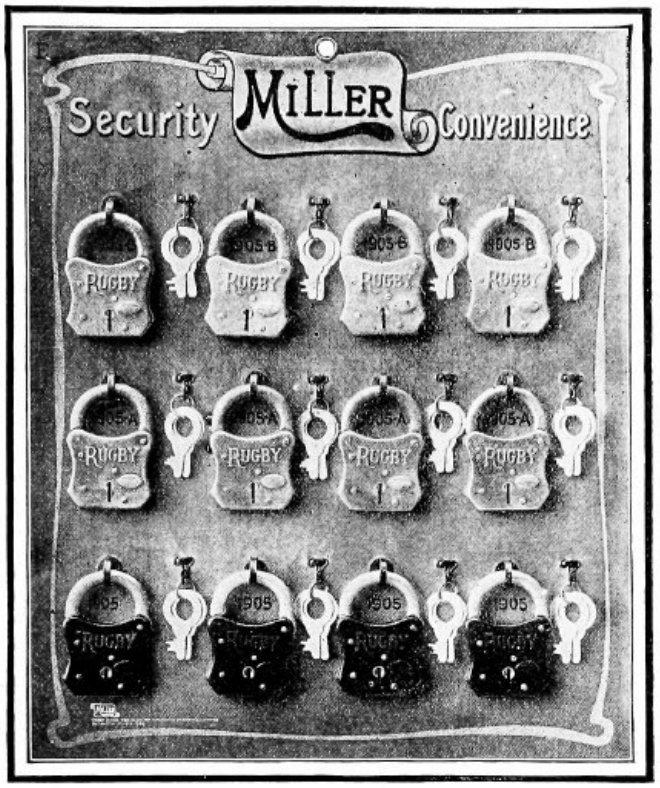
No. 3065—2½ in., japanned case, brass drop and bushing, side ward, flat spring shackle, with chain, 2 keys, 12 changes, w't per doz. 5¾ lbs., per dozen..... $10.75

HALF DOZEN IN A BOX.

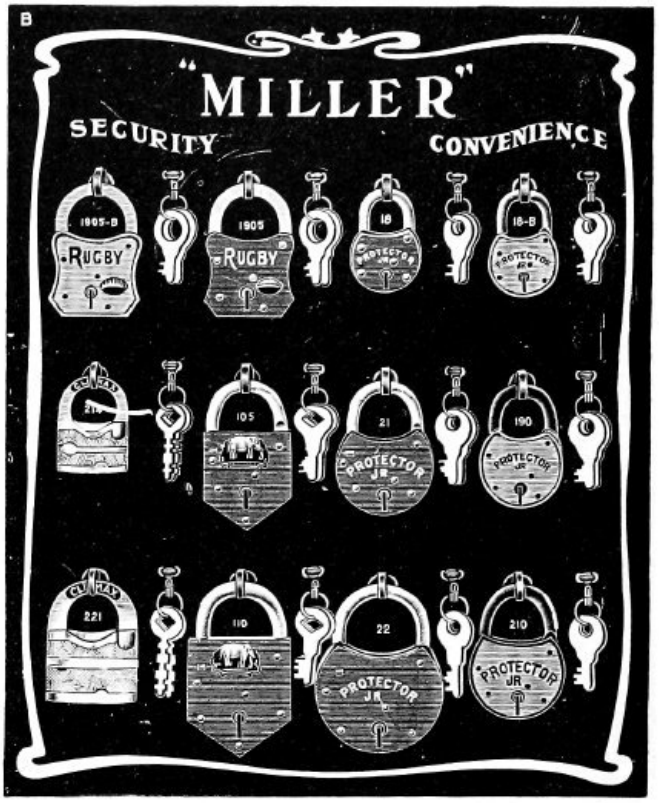
No. 3029—2½ in., japanned case, extra fine, fancy engraved drop, brass rivets, 2 tumblers, spring shackle, 3 bridge wards, with chain, 2 keys, 12 changes, w't per doz. 9 lbs..... per dozen $16.50

HALF DOZEN IN A BOX.

PADLOCK ASSORTMENTS.



No. 1505.



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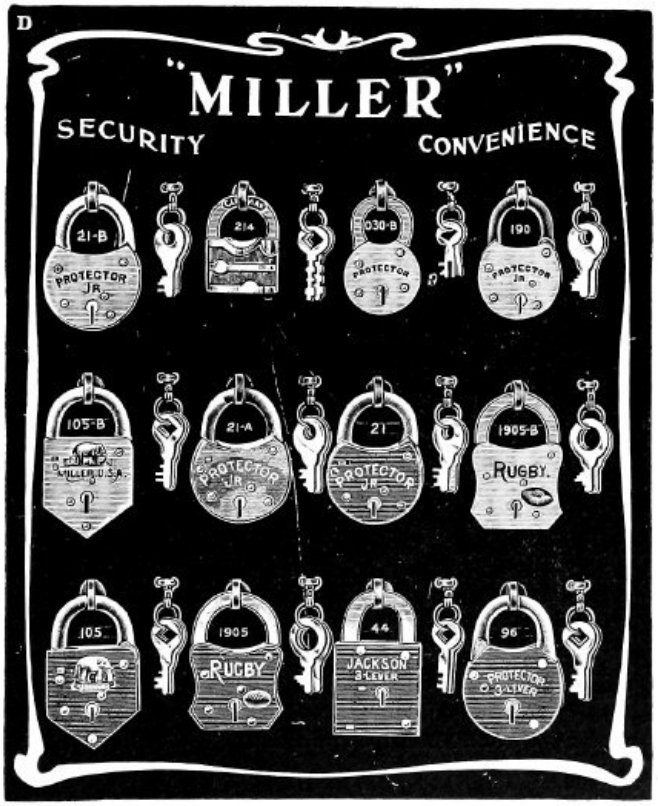


No. 1520.

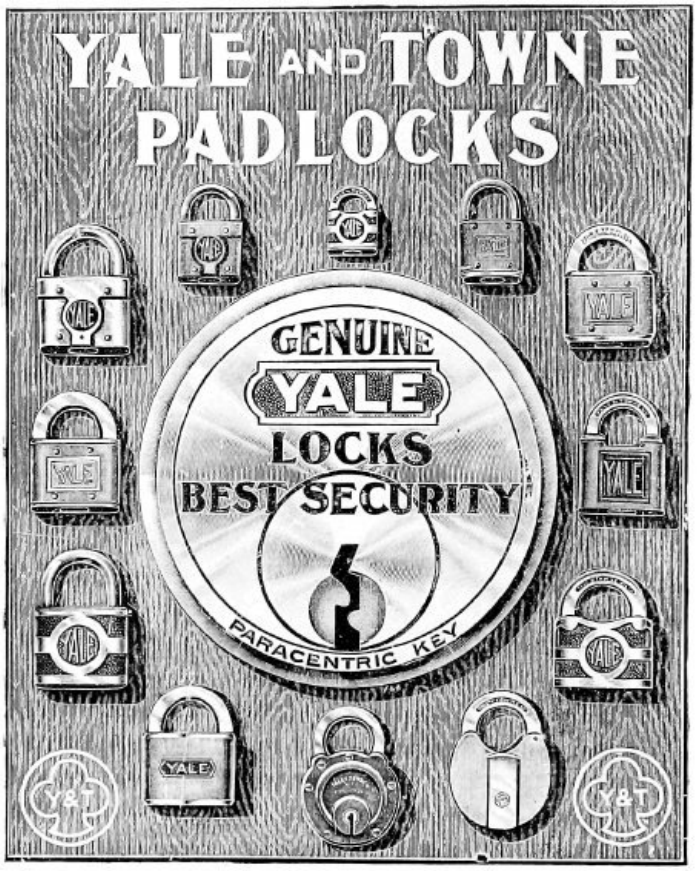
No. 1505 Assortment—Consisting of twelve 2 in. padlocks, Rugby pattern, four of each japanned, old copper and brass plated, steel cases, self locking, spring shackles, flat steel keys, and brass revolving key hubs, on heavy ornamental card 13×16 in., w't per assm't 3 lbs..... per card **$2.25**

No. 1520 Assortment—Consisting of 12 padlocks, one 1½ in. polished cast brass case, one 2 in. old copper finished steel case and shackle, one 1¾ in. and four 2 in. japanned steel cases, one has steel spring shackle, the others plain malleable iron, one 1½ in. and three 2 in. brass plated steel cases, one has steel spring shackle, the others malleable iron, one 1¾ in. wrought brass case with malleable iron shackle, all are self locking, spring shackles, and with exception of cast brass padlocks, has brass revolving key hubs, flat steel keys, on heavy ornamental card 13×16 in., w't per assm't 3¼ lbs..... per card **$3.50**

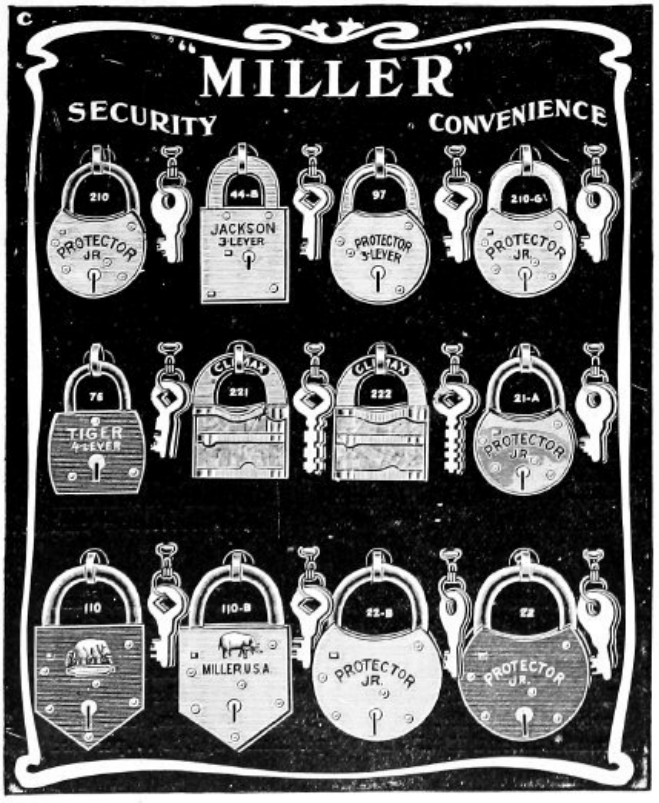
No. 1500 Assortment—Consisting of 12 padlocks, one each 1½ and 2 in. polished brass cases, three 2 in. and one each 1½, 2¼ and 2½ in. japanned steel cases, one each 1½ and 2 in. brass plated steel cases, one each 1¾ and 2 in. wrought brass cases, all have flat steel keys, and with exception of brass padlocks have brass revolving key hubs, self locking, spring shackles, on heavy ornamental card 13×16 in., w't per assm't 3½ lbs ... per card **$4.00**

PADLOCK ASSORTMENTS.

No. 1530.



No 1400.

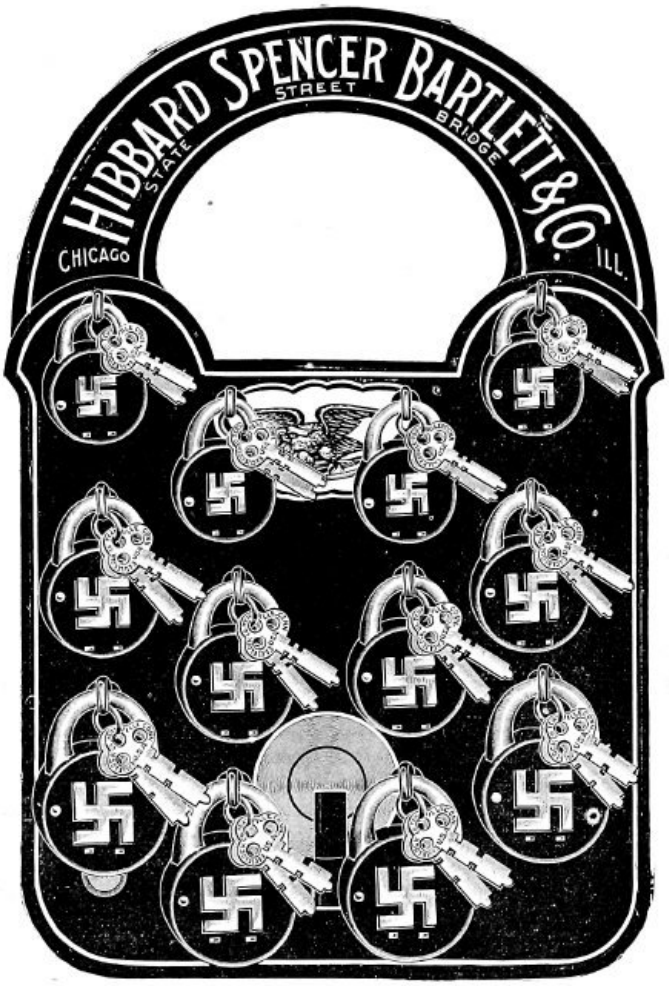


No. 1530 Assortment—Consisting of 12 padlocks, three each of 4 different patterns, 2 in. wrought brass cases, with japanned spring shackles, self locking, with flat steel keys, and brass revolving key hubs, on heavy ornamental card 13×16 in., w't per assm't 4 lbs.....per card $5.00

No. 1510 Assortment—Consisting of 12 padlocks, two cast brass 2 in. cases, three japanned steel cases, one each 1¾, 2¼ and 2½ in., three brass plated steel cases, one each 1¾, 2¼ and 2½ in., two of these have iron shackles, the other flat steel, three wrought brass 2 in. cases, the shackles of these are plain, brass plated and japanned, one padlock old copper finished, 2 in. case, with old copper shackle, self locking, spring shackles, with flat steel keys, and with exception of brass padlocks, have brass revolving key hubs, on heavy ornamental card 13×16 in., w't per assm't 4¼ lbs.....per assortment $5.00

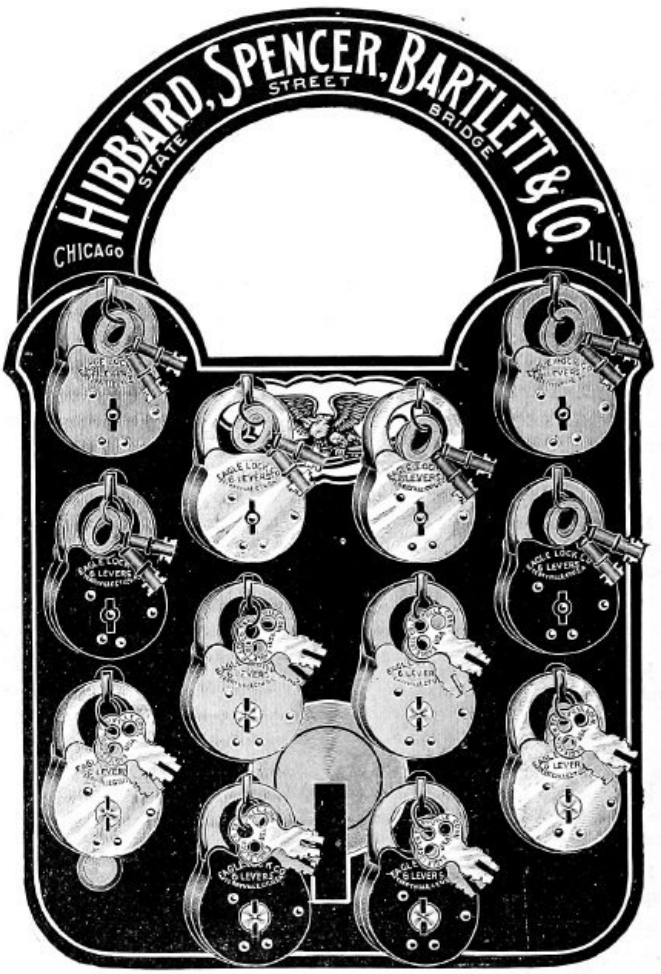
No. 1400 Assortment—Consisting of 12 padlocks, five 2 in. and one 1 in. bronze metal cases, two of these have steel shackles, the others brass, two 1½ in. and one 2 in. wrought brass cases, one 2 in. polished brass case and shackle, with 2 brass barrel keys, and spring drop, one 2 in. ivory black steel case, one 2 in. rustless cast iron case with bronze metal spring shackle; four of these padlocks have German silver corrugated keys, seven have flat steel keys, one has barrel keys, on heavy ornamental card 15×19 in., w't per assm't 6¾ lbs...per assm't $20.00

PADLOCK ASSORTMENTS.

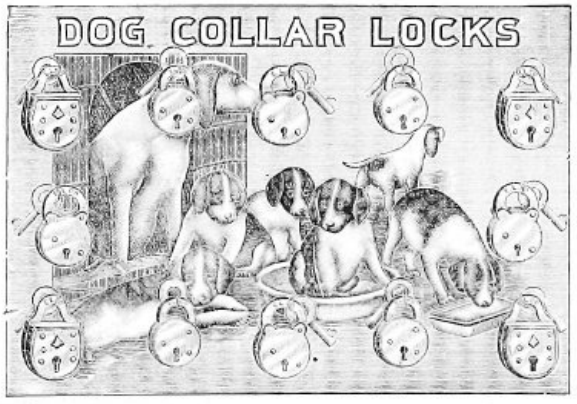


Swastika Pattern.

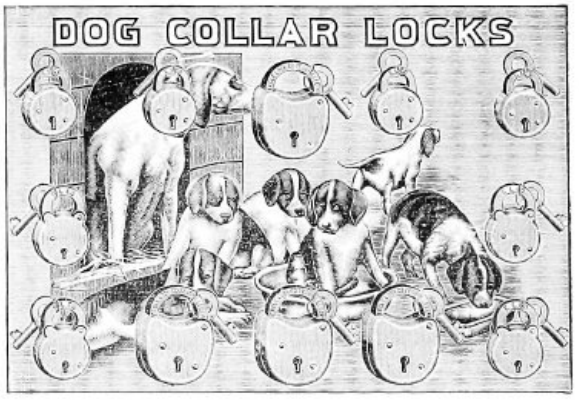
No. 1177 Assortment—Consisting of 12 padlocks, Swastika pattern, four each 1¾, 2 and 2¼ in., wrought steel japanned cases, with brass rivets, brass plated spring shackles, self locking, 2 flat steel keys with each lock, on heavy ornamental card 11×17 in., w't per assortment 3½ lbs.....per assortment $2.75



No. 1550 Assortment—Consisting of twelve 2 in. padlocks, four are japanned wrought steel cases, four are brass plated, four are plain, six padlocks have brass plated steel barrel keys, six have flat steel keys, on heavy ornamental card 11×17 in., w't per assortment 4¼ lbs.....per assortment $4.50



No. 08 Assortment—Consisting of one dozen, four No. 11, four No. 12 and four circular locks smaller than No. 11, on easel back card, w't per assortment ¼ lb.....per assortment $2.25



No. 1540 Assortment—Consisting of one dozen padlocks, assorted ⅛, ⅝ and ¾ in., nickel plated brass, on easel back card, w't per assortment ¼ lb.....per assortment $2.50

PADLOCK ASSORTMENTS.

RETAILERS' COMBINED PADLOCK DISPLAY AND STOCK CASES.

No. M1000 Assortment—Consists of 13⅔ dozen padlocks (as described below) retail value $34.40; including handsome display cabinet, w't per assm't 54 lbs..... per assortment $45.00

First Row.

1 dozen each four kinds, 1½ in. brass plated and japanned padlocks, price 10 cents.

Second Row.

½ dozen each four kinds, 1½ and 1¾ in. brass plated and japanned padlocks, price 15 cents.

Third Row.

1 dozen each two kinds, and ½ dozen each two kinds, 2 in. brass plated and japanned padlocks, price 25 cents.

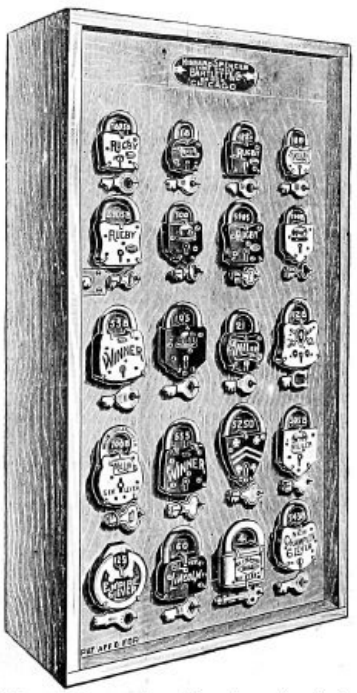
Fourth Row.

½ dozen each four kinds 2 in. brass plated and japanned padlocks, price 25 cents.

Fifth Row.

¼ dozen each four kinds, 2 in. cases, ½ dozen are brass cases, ¼ dozen are japanned, and ¼ dozen are steel and bronze, price 50 cents.

12 dozen padlocks in stock, 20 padlocks on display board, making total of 13⅔ dozen.



This case is made of hard wood, nicely finished, size 13×25×6 in. The front is hinged, and provided with a cupboard catch. The cabinet has three shelves, holding conveniently about 20 dozen padlocks. We list two different assortments, with varying quantities of the padlocks illustrated.

No. M1001 Assortment—Consists of 7⅔ dozen padlocks (as described below) retail value $19.70; including handsome display cabinet, w't per assm't 37 lbs.....per assortment $28.00

First Row.

½ dozen each four kinds, 1½ in. brass plated and japanned padlocks, price 10 cents.

Second Row.

¼ dozen each four kinds, 1½ and 1¾ in. brass plated and japanned padlocks, price 15 cents.

Third Row.

½ dozen each two kinds, and ¼ dozen each two kinds, 2 in. brass plated and japanned padlocks, price 25 cents.

Fourth Row.

¼ dozen each four kinds, 2 in. brass plated and japanned padlocks, price 25 cents.

Fifth Row.

¼ dozen brass cases, ⅙ dozen steel and bronze cases, and ₁⁄₂ dozen japanned cases, all are 2 in., price 50 cents.

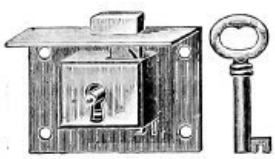
6 dozen padlocks in stock, 20 padlocks on display board, making total of 7⅔ dozen.

BACK SPRING TILL LOCKS.

HALF SIZE CUTS.

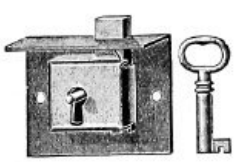
No. 46—1½×1¼ in., *brass*, wrought bolt, $\frac{5}{16}$ in. from selvedge to key pin, w't per doz. ½ lb. .....per dozen $0.75

ONE DOZEN IN A BOX.



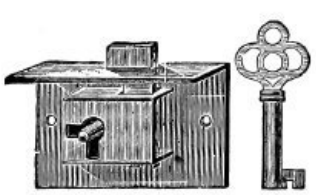
No. 33—1¾×1¼ in., *brass*, wrought bolt, ⅝ in. from selvedge to key pin, w't per doz. ½ lb. .....per dozen $0.95

ONE DOZEN IN A BOX.



No. 36—2×1½ in., *brass*, 1 ward, wrought bolt, ⅝ in. from selvedge to key pin, w't per doz. 1 lb. .....per dozen $1.00

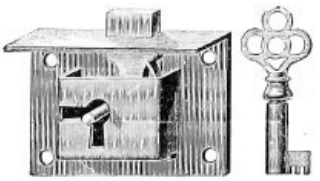
ONE DOZEN IN A BOX.



No. 72—2¼×1½ in., *iron*, cast bolt, ⅝ in. from selvedge to key pin, w't per doz. 1 lb. .....per dozen $0.66

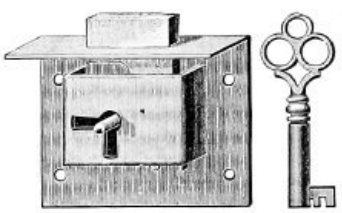
No. 68—2¼×1½ in., *brass*, cast bolt, ⅝ in. from selvedge to key pin, w't per doz. 1 lb. .....per dozen 1.10

ONE DOZEN IN A BOX.



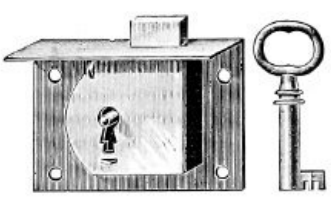
No. 423—2¼×1¾ in., *iron*, $\frac{13}{16}$ in. from selvedge to key pin, fancy bow key, w't per doz. 1 lb. .....per dozen $0.72

ONE DOZEN IN A BOX.



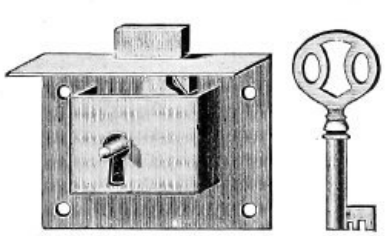
No. 161—2½×2 in., *iron*, broad bolt, 1 ward, ⅞ in. from selvedge to key pin, w't per doz. 2 lbs. .....per dozen $1.15

ONE DOZEN IN A BOX.



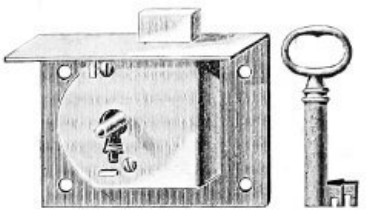
No. 81—2½×1½ in., *iron*, 1 ward, ¾ in. from selvedge to key pin, w't per doz. 1½ lbs. .....per dozen $1.20

ONE DOZEN IN A BOX.



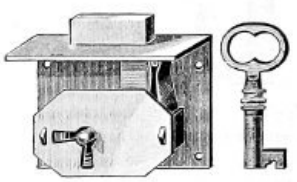
No. 48—2¾×2 in., *iron*, 1 ward, polished selvedge, ⅞ in. from selvedge to key pin, w't per doz. 2 lbs. .....per dozen $1.12

ONE DOZEN IN A BOX.



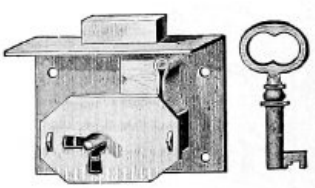
No. 47—2¾×2 in., *brass*, screwed, 1 ward, ⅞ in. from selvedge to key pin, w't per doz. 2¼ lbs. .....per dozen $1.87

ONE DOZEN IN A BOX.



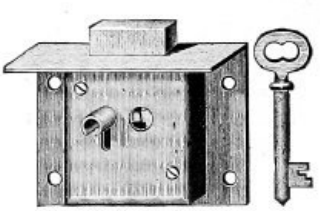
No. 303—2×1½ in., *brass*, tumbler and ward, broad bolt, 1⅛ in. from selvedge to key pin, fancy bow key, w't per doz. 1½ lbs. .....per dozen $2.50

ONE DOZEN IN A BOX.



No. 312—2½×1½ in., *iron*, tumbler and ward, broad bolt, 1⅛ in. from selvedge to key pin, fancy bow key, w't per doz. 1½ lbs. .....per dozen $2.00

ONE DOZEN IN A BOX.

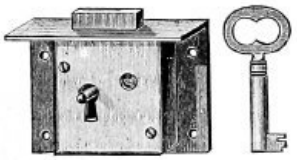


No. 561—2¼×1¾ in., *iron*, square selvedge, solid square box, screwed, heavy bolt, 2 secure levers, ⅝ in. from selvedge to center of key hole, nickel plated solid steel bit key, 12 changes, w't per doz. 2 lbs. .....per dozen $4.25

ONE DOZEN IN A BOX.

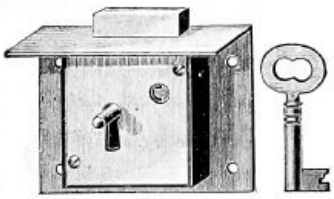
DRAWER LOCKS.

HALF SIZE CUTS.



No. 454—2×1½ in., *iron*, square selvedge, solid square box, screwed, 2 secure levers, ⅝ in. from selvedge to key pin, fine flat bow key, 12 changes, w't per doz. 1½ lbs.....per dozen $3.00

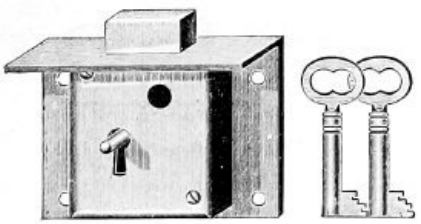
ONE DOZEN IN A BOX.



No. 237—2½×2 in., *iron*, square selvedge, solid square box, screwed, broad heavy bolt, 2 secure levers, ⅞ in. from selvedge to key pin, fine flat bow key, 12 changes, w't per doz. 2 lbs...per dozen $3.25

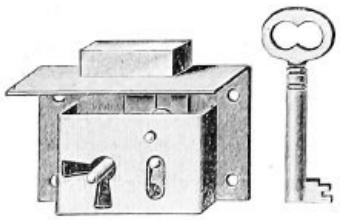
No. 014—2¾×2 in., *iron*, square selvedge, solid square box, screwed, broad heavy bolt, 2 secure levers, ⅞ in. from selvedge to key pin, fine flat bow key, 12 changes, w't per doz. 2½ lbs., per dozen..... 3.50

ONE DOZEN IN A BOX.



No. 6039—2¾×2 in., *brass*, square selvedge, solid square box, screwed, 1 in. from selvedge to key pin, 2 secure levers, 2 fine flat bow keys, 12 changes, w't per doz. 4 lbs.....per dozen $7.00

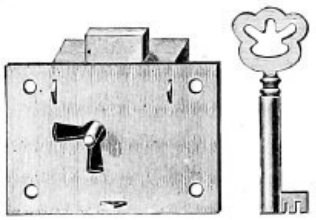
ONE DOZEN IN A BOX.



No. 2121A—2½×1⅝ inch, *iron*, square selvedge, solid square box, 1 in. from selvedge to key pin, fancy bow key, w't per doz. 2½ lbs.....per dozen $3.00

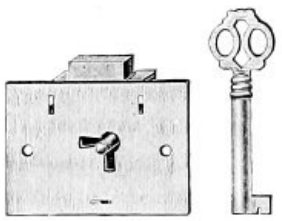
No. 2122A—2¾×2⅛ in., *iron*, square selvedge, solid square box, 1¼ in. from selvedge to key pin, fancy bow key, w't per doz. 3 lbs.....per dozen 4.00

ONE DOZEN IN A BOX



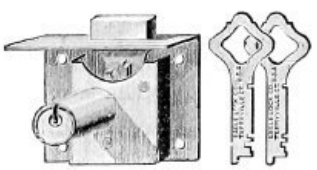
No. 1866—2½ in , solid square box, back spring, iron, 13/16 in. from selvedge to key pin, fancy bow key, w't per doz. 1 13/16 lbs. per dozen..... $0.85

ONE DOZEN IN A BOX.



No. 447—2¼ in., solid square box, back spring, iron ¾ in. from selvedge to key pin, fancy bow key, 12 Kd. per dozen $0.66

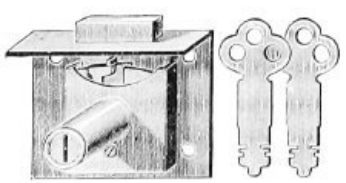
ONE DOZEN IN A BOX.



No. 6090—1¾×1½ in., *iron*, brass nose, 2 secure levers, ¾ in. from selvedge to center of cylinder, ½ in. diameter, for ⅞ in. wood, 2 nickel plated flat steel keys, 12 changes, w't per doz. 1½ lbs., per dozen..... $4.50

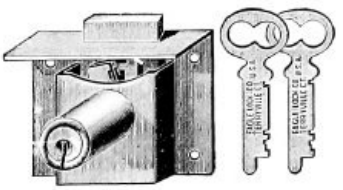
No. 6080—1¾×1½ in., *brass*, otherwise same as No. 6090.....per dozen 5.00

ONE DOZEN IN A BOX.



No. 01876—2×1¾ in., *all brass*, square selvedge, broad heavy bolt, screwed, 2 secure levers, ⅞ in. from selvedge to center of cylinder, diameter ⅝ in., for ⅞ in. wood, 2 nickel plated flat steel keys, 12 changes, w't per doz. 2¼ lbs., per dozen..... $6.00

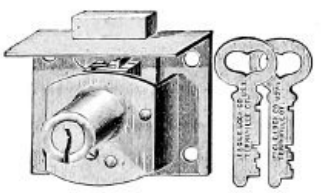
ONE DOZEN IN A BOX.



No. 1816—2×1¾ in., *iron*, brass nose and bolt, square selvedge, riveted, 2 secure levers, ⅞ in. from selvedge to center of cylinder, diameter ⅝ in., for ⅞ in. wood, 2 nickel plated flat steel keys, 12 changes, w't per doz. 2 lbs...per dozen $4.75

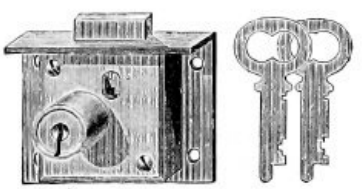
No. 01816—2×1¾ in., *brass*, otherwise same as No. 1816.....per dozen 5.50

ONE DOZEN IN A BOX.



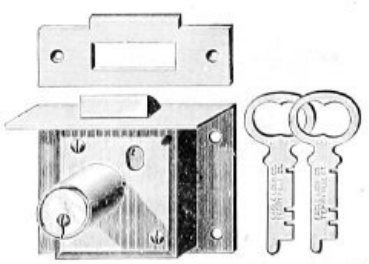
No. 01901—2×1¾ in., *cast brass*, square selvedge, screwed, 3 secure levers, ⅞ in. from selvedge to center of cylinder, diameter ⅝ in., for ⅞ in. wood, 2 nickel plated flat steel keys, can be made with 3120 changes, w't 2¼ lbs. per dozen..... $3.00

ONE DOZEN IN A BOX.



No. 6001—2¼×1¾ in., *all brass*, square selvedge, solid square box, screwed, broad heavy bolt, 3 secure levers, ⅞ in. from selvedge to center of cylinder, diameter ⅝ in., for ⅞ in. wood, 2 nickel plated flat steel keys, 12 changes, w't per doz. 3 lbs.....per dozen $7.50

ONE DOZEN IN A BOX.



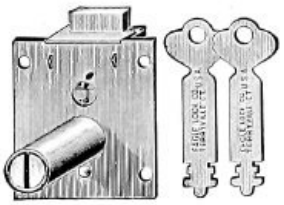
No. 6001½—2¼×1¾ in., *all brass*, 3 secure levers, solid square box, screwed, square selvedge, heavy cast bronze latch bolt, ⅞ in. from selvedge to center of cylinder, 2 nickel plated flat steel keys, w't per doz. 3¾ lbs. per doz.....$9.00

ONE DOZEN IN A BOX

CYLINDER LOCKS.

Half Size Cuts.

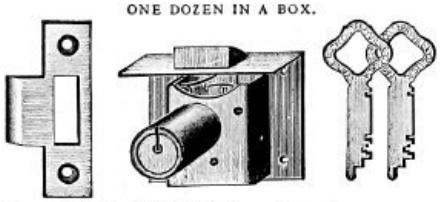
DRAWER.



No. 01848—1¾×1⅛ in., *all brass*, 2 secure levers, 1⅛ in. from selvedge to center of key cylinder, 2 nickel plated flat steel keys, made for ⅞ in. wood, can be applied by simply boring hole for cylinder, diameter ⅝ in., 12 changes, w't per doz. 2 lbs.....per dozen $5.00

No. 1848—1¾×1⅞ in., *iron*, otherwise same as No. 01848.....per dozen 4.50

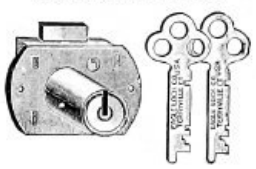
ONE DOZEN IN A BOX.



No. 1921½—1¾×1¾ in., *iron*, brass strike, cast brass *latch bolt*, 2 secure levers, ¾ in. from selvedge to center of key cylinder, 2 nickel plated flat steel keys, can be made with 120 changes of keys and 20 changes with master key, for ⅞ in. wood, w't per doz. 1½ lbs., per dozen..... $6.50

No. 01921½—1¾×1¾ in., *all brass*, otherwise same as No. 1921½, per dozen..... 7.00

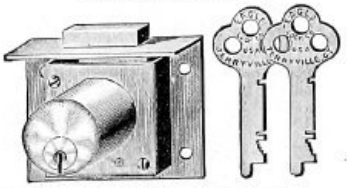
ONE DOZEN IN A BOX.



No. 2152—1½×1 in., *iron*, 2 secure levers, ½ inch from selvedge to center of key cylinder, 2 nickel plated flat steel keys, all different in a dozen, made for ½ in. wood, can be made for any thickness of wood desired, can be applied by simply boring hole for cylinder, w't per doz. 1 lb.....per dozen $4.50

No. 02152—1½×1 in., *brass*, otherwise same as No. 2152.....per dozen 5.00

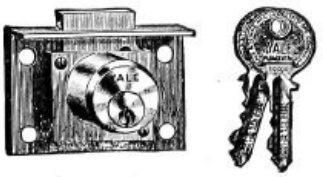
ONE DOZEN IN A BOX.



No. 02230—2 in., *all brass*, square selvedge, solid square box, screwed broad heavy bolt, 4 secure levers, 2 polished and nickel plated flat steel keys each, ¾ in. from selvedge to center of cylinder, diam. ⅞ for ⅞ in. wood, can be made with 3120 changes of keys and 620 changes with master keys, w't per doz. 2¼ lbs.....per dozen $18.00

ONE DOZEN IN A BOX.

DRAWER.



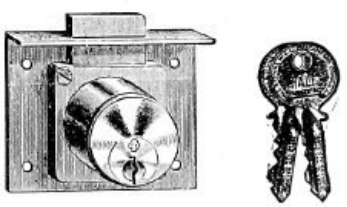
Yale, Two German Silver Paracentric Keys.

No. 5551—2×1½ in., plain polished brass cylinder, diam. ⅞ in., ¾ in. from selvedge to center of cylinder, for ¾ in. wood.....per dozen $14.40

No. 5552—2×1½ in., polished nickel plated brass cylinder, diam. ⅞ in., ¾ in. from selvedge to center of cylinder, for ⅞ in. wood.....per dozen 16.20

No. 5553—2×1½ in., polished plain brass cylinder, diam. ⅞ in., ¾ in. from selvedge to center of cylinder, for ⅞ in. wood.....per dozen 14.40

ONE DOZEN IN A BOX. WEIGHT 3 LBS. PER DOZEN.



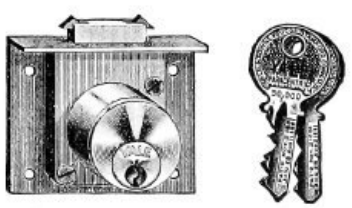
Yale, Two German Silver Paracentric Keys.

No. 562—2¼×1⅞ in., polished nickel plated brass cylinder, diam. 1⅛ in., 1 in. from selvedge to center of cylinder, for ⅞ in. wood.....per dozen 18.60

No. 563—2¼×1⅞ in., polished plain brass cylinder, diam. 1⅛ in., 1 in. from selvedge to center of cylinder, for ⅞ in. wood.....per dozen 16.80

ONE DOZEN IN A BOX. WEIGHT 4 LBS. PER DOZEN.

DESK OR CHEST.



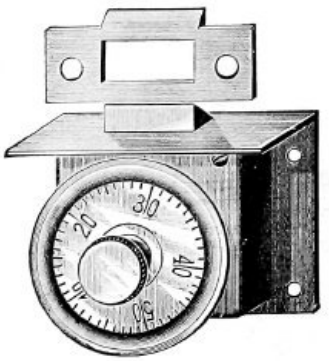
Yale, Two German Silver Paracentric Keys.

No. 542—2¼×1⅞ in., pol'd nickel plated brass cylinder, diam. 1⅛ in., 1 in. from selvedge to center of cylinder, for ⅞ in. wood.....per dozen $21.00

No. 543—2¼×1⅞ in., pol'd plain brass cylinder, diam. 1⅛ in., 1 in. from selvedge to center of cylinder, for ⅞ in. wood.....per dozen 19.20

ONE DOZEN IN A BOX. WEIGHT 4 LBS. PER DOZEN.

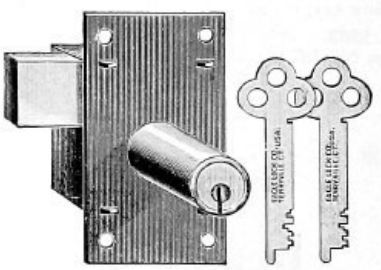
COMBINATION DRAWER.



No. 2011—3×2¼ in., *brass*, with beveled strike, square selvedge, *heavy latch bolt*, solid square box, screwed, nickel plated knob and dial, 1¼ in. from selvedge to center of knob, capable of 1,000 changes, combination can be changed without removing lock from cupboard or drawer, adjustable to different thicknesses of wood from ⅞ to 1½ in., w't per doz. 9 lbs., per dozen..... $17.00

ONE IN A BOX.

LOCKER.

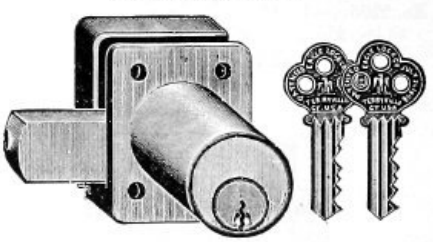


No. 1934—3×1¾ in., *iron*, solid square box, brass bolt that shoots ¾ in. right and left, 5 secure levers, 2 nickel plated flat steel keys, for gymnasium or club house lockers, ⅞×⅛ in. cylinder, 3120 changes, w't per doz. 5¼ lbs. per dozen $12.00

No. 1934MK—With Master key, otherwise same as No. 1934★...per dozen 14.00

★*Factory shipment only.*

ONE DOZEN IN A BOX.



No. 03341—2×1⅝ in., *all brass*, screwed, heavy bolt that projects 1 in., for right or left hand doors, 2 embossed gilt bow German silver keys, for gymnasium or club house lockers, cylinder for ¾, ⅞, 1, 1⅛, 1¼, 1½ and 1¾ in. wood, diameter 1⅛ in., unlimited changes, w't per doz. 6 lbs.....per dozen $18.00

No. 03341MK—With Master key, otherwise same as No. 03341★..per dozen 24.00

★*Factory shipment only.*

ONE IN A BOX.

WARDROBE LOCKS.

Half Size Cuts.

No. 509—1⅞×¾ in., *iron*, solid box, bolt shoots right and left, 1 tumbler, fine flat bow key, w't per doz. 1 lb....per dozen $1.50

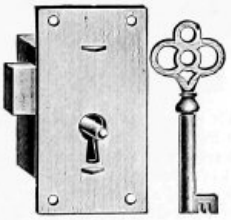
No. 508—1⅞×¾ in., *brass*, solid box, bolt shoots right and left, 1 tumbler, fine flat bow key, w't per doz. 1 lb., per dozen..... 2.00

ONE DOZEN IN A BOX.

No. 1875¼—2×1 in., iron, solid box, bolt shoots right and left, 1 tumbler, flat bow key, w't per doz. 1¼ lbs..per dozen $0.72

No. 2263 —1¾×¾ in., otherwise same as No. 1875¼.....per dozen 1.00

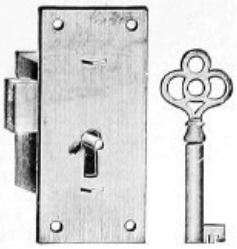
ONE DOZEN IN A BOX.



No. 415¼—2½×1¼ in., iron, solid box, bolt shoots right and left, 1 tumbler, flat bow key, w't per doz. 1½ lbs., per dozen..... $0.72

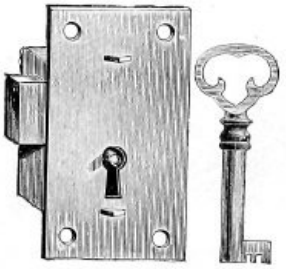
No. 2265 —2×1¼ in., otherwise same as No. 415¼.....per dozen 1.00

ONE DOZEN IN A BOX.



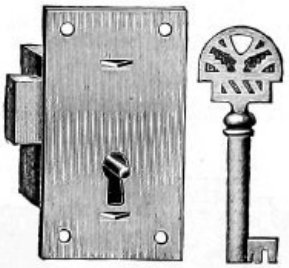
No. 417—2¾×1¼ in., iron, solid box, bolt shoots right and left, 1 tumbler, fancy bow key, w't per doz. 1½ lbs., per dozen..... $1.60

ONE DOZEN IN A BOX.



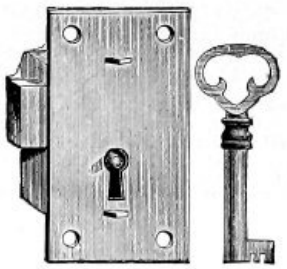
No. 510—3×1¾ in., iron, solid square box, broad bolt, shoots right and left, 1 tumbler, w't per doz. 2½ lbs., per dozen..... $1.00

ONE DOZEN IN A BOX.



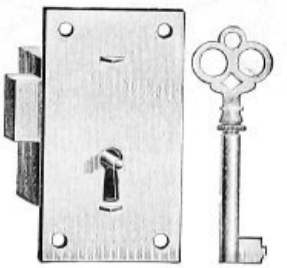
No. 510½—3×1¾ in., coppered iron, solid square box, broad bolt, shoots right and left, 1 tumbler, bronze fancy bow key, w't per doz. 2½ lbs., per dozen $1.75

ONE DOZEN IN A BOX.



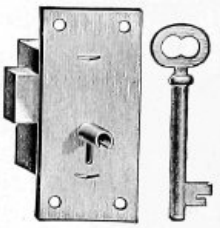
No. 393—3×1¾ in., iron, solid square box, 1 ward, broad bolt, shoots right and left, 1 tumbler, w't per doz. 2¾ lbs., per dozen..... $1.62

ONE DOZEN IN A BOX.



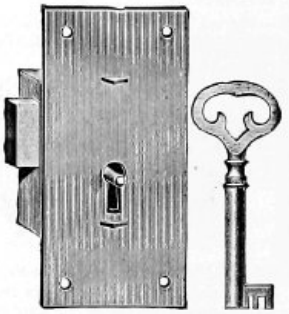
No. 158—3×1¾ inch, iron, solid box, broad bolt, shoots right and left, 2 secure levers, fancy bow keys, net w't per doz. 2⅞ lbs.....per dozen $3.25

ONE DOZEN IN A BOX.



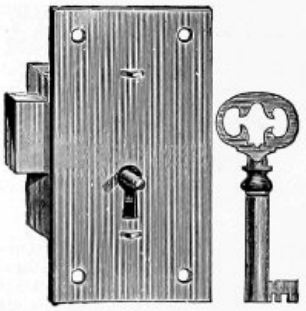
No. 570—2½×1¼ in., all brass, solid square box, screwed, 2 secure levers, heavy bolt, shoots right and left, solid steel bit, nickel plated key, 12 changes, w't per doz. 1¾ lbs .....per dozen $6.00

ONE DOZEN IN A BOX.



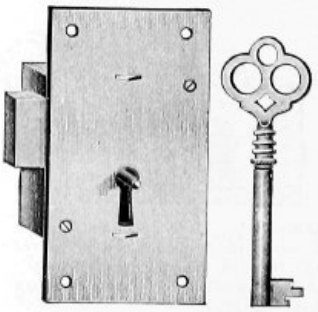
No. 392—3½×1¾ in., iron, solid square box, broad bolt, shoots right and left, 1 tumbler, fancy bow key, w't per doz. 2½ lbs.....per dozen $1.75

ONE DOZEN IN A BOX.



No. 500¼—3½×2 in., iron, solid square box, broad bolt, shoots right and left, 1 tumbler, fancy bow key, w't per doz. 3 lbs.....per dozen $1.87

ONE DOZEN IN A BOX.



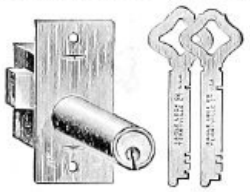
No. 157—3½×2 in., iron, solid square box, broad heavy bolt, shoots right and left, 2 secure levers, fancy bow key, 12 changes, w't per doz. 3 lbs..per dozen $4.00

ONE DOZEN IN A BOX.

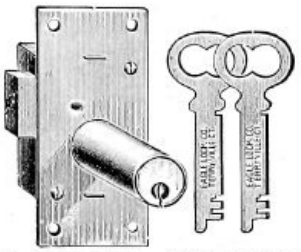
WARDROBE AND CUPBOARD LOCKS.

Half Size Cuts.

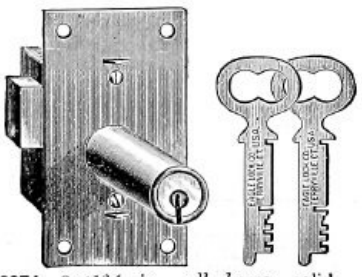
WARDROBE LOCKS.



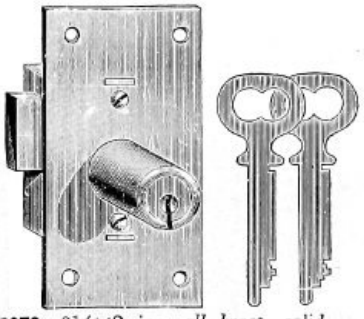
No. 1055—1¾×7⅛ in., *iron*, 2 secure levers, solid square bolt, shoots right and left, brass cylinder for ¾ in. wood, diameter ½ in., 2 nickel plated flat steel keys, 12 changes, w't per doz. 1 lb.....per dozen $5.50
ONE DOZEN IN A BOX.



No. 6098—2¾×1¼ in., *all brass*, 2 secure levers, all parts extra heavy, bolt shoots right and left, diameter ⅝ in., for ⅞ in. wood, 2 nickel plated flat steel keys, 12 changes, w't per doz. 3 lbs.....per dozen $8.00
ONE DOZEN IN A BOX.

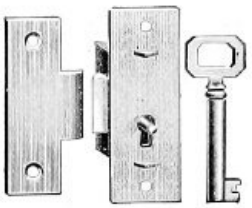


No. 6074—3×1¾ in., *all brass*, solid square box, screwed, 2 secure levers, all parts extra heavy, bolt shoots right and left, cylinder for ⅞, 1 and 1⅛ in. wood, diameter 1 1/16 in., 3 lengths in each dozen, 2 nickel plated steel keys, 12 changes, w't per doz. 3 lbs..per dozen $9.00
ONE DOZEN IN A BOX.

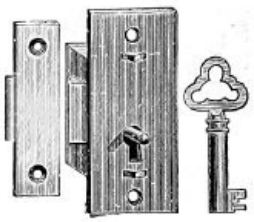


No. 6073—3½×2 in., *all brass*, solid square box, screwed, 2 secure levers, all parts extra heavy, bolt shoots right and left, 2 nickel plated flat steel keys, cylinder for ⅞, 1 and 1⅛ in. wood, diameter ⅞ in., 3 lengths in each dozen, 12 changes, w't per doz. 4¼ lbs., per dozen..... $10.00
ONE DOZEN IN A BOX.

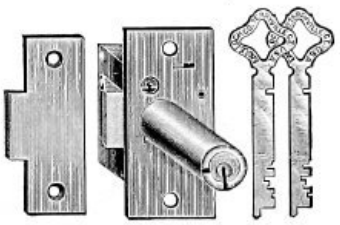
CUPBOARD LOCKS



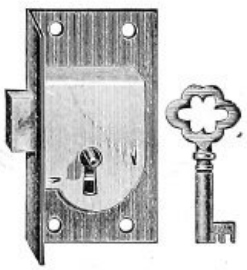
No. 631—2½×¾ in., *iron* brass latch bolt, solid square box, 4 patent wards, fancy bow keys, brass strikes, all different in a dozen, net w't per doz. 1⅛ lbs., per dozen..... $3.00
ONE DOZEN IN A BOX.



No. 632—2½×1 in., *brass*, cast brass latch bolt, solid square box, 4 patent wards, fancy bow keys, brass strikes, all different in a dozen, net w't per doz. 1⅜ lbs.....per dozen $4.00
ONE DOZEN IN A BOX.



No. 1098—2⅛×1 in., *all brass*, cast bronze latch bolt, solid square box, 5 secure levers, 2 polished and nickel plated flat steel keys, regularly made for ⅞ in. wood, but can be made for any thickness of wood desired, regular with 3120 changes of keys, net w't per doz. 2⅛ lbs.....per dozen $8.00
ONE DOZEN IN A BOX.

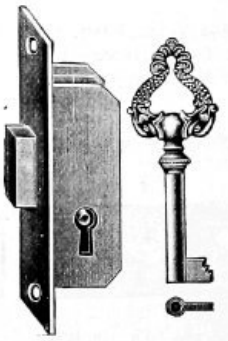


No. 117—2¾×1½ in., *iron*, broad bolt, 1 ward, bow key, back spring, w't per doz. 1½ lbs.....per dozen $1.00

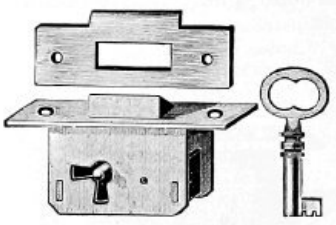
No. 44—3×1½ in., *brass*, broad bolt, 1 ward, bow key, back spring, w't per doz. 1 lb.....per dozen 1.62
ONE DOZEN IN A BOX.

CUPBOARD LOCKS.

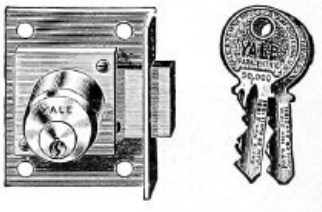
No. 473—2¾ in., *brass*, broad bolt, 1 ward, bow key, back spring, ⅞ in. from selvedge to key pin, net w't per doz. 1⅜ lbs.....per dozen $1.50
ONE DOZEN IN A BOX.



No. 1881—3½ in., *iron*, broad bolt, 1 ward, bow key, ½ in. from selvedge to key pin, net w't per doz. 2 lbs. per dozen. $4.00
ONE DOZEN IN A BOX.



No. 1821—2¾ in., heavy cast brass latch bolt, mortise, 1 ward, bow key, brass selvedge, ⅝ in. from selvedge to key pin, net w't per doz. 1 5/16 lbs..per dozen $2.50
ONE DOZEN IN A BOX.



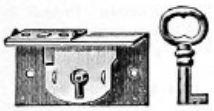
No. 5513—2×1¾ in., Yale, polished brass cylinder, diameter ⅞ in., for ⅞ in. wood, 1 in. from selvedge to center of cylinder, 2 German silver paracentric keys, unlimited changes (in ordering, specify right or left hand), w't per doz. 3 lbs.....per dozen $16.80
ONE DOZEN IN A BOX.

CHEST LOCKS.

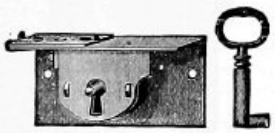
Half Size Cuts.

BACKSPRING.

No. 42—1¼x1 in., brass, single link, 7/16 in. from selvedge to key pin, weight per dozen ½ lb... per dozen $ 0.75

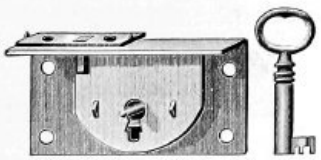


No. 43—1½x¾ in., brass, single link, 7/16 in. from selvedge to key pin, weight per dozen ½ lb.... per dozen $ 0.75

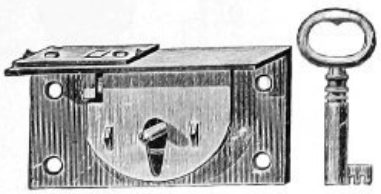


No. 34—2x1 in., iron, single link, 9/16 in. from selvedge to key pin, weight per dozen ¾ lb.....per dozen $ 0.75

No. 35—2x1 in., brass, single link, 9/16 in. from selvedge to key pin, weight per dozen ¾ lb.....per dozen 1.00



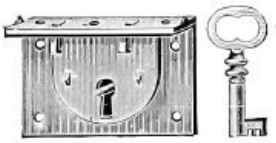
No. 133—2½x1¼ in., iron, single link, 1 ward, ¾ in. from selvedge to key pin, weight per dozen 1 lb.per dozen $ 1.12



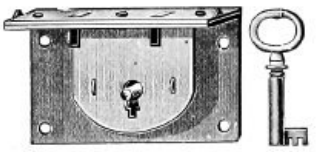
No. 141—3x1½ in., iron, single link, 1 ward, taper bit key, 15/16 in. from selvedge to key pin, weight per dozen 1½ lbs.....per dozen $ 1.00

ONE DOZEN IN A BOX.

BACKSPRING.

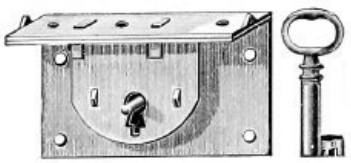


No. 37—2x1½ in., brass, double link, 1 ward, ¾ in. from selvedge to key pin, weight per dozen 1 lb..per dozen $ 2.25



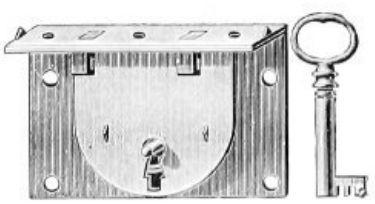
No. 166—2½x1½ in., iron, double link, 1 ward, 15/16 in. from selvedge to key pin, weight per dozen 1½ lbs., per dozen..... $ 2.12

No. 169—2½x1½ in., brass, double link tumbler, 1 ward, 13/16 in. from selvege to key pin, weight per dozen 1¾ lbs., per dozen..... 2.87



No. 163—2¾x1½ in., iron, double link, 1 ward, ⅞ in. from selvedge to key pin, weight per dozen 2 lbs., per dozen $ 2.25

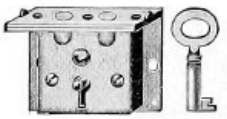
No. 165—2¾x1¾ in., brass, double link, 1 ward, ⅞ in. from selvedge to key pin, weight per dozen 2 lbs., per dozen..... 2.75



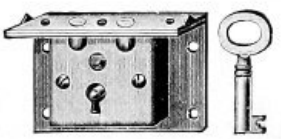
No. 160—3x2 in., iron, double link, 1 ward, 1 3/16 in. from selvedge to key pin, weight per dozen 2½ lbs., per dozen..... $ 2.37

ONE DOZEN IN A BOX.

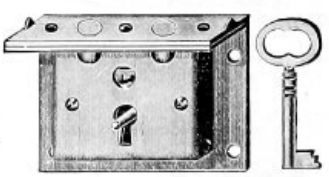
SECURE LEVER.



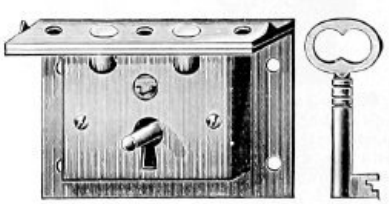
No. 471—1½x1 in., iron, double link, square selvedge, 2 secure levers, solid square box, screwed, fine flat bow key, 12 changes, 11/16 in. from selvedge to key pin, weight per dozen ¾ lb.....per dozen $ 3.00



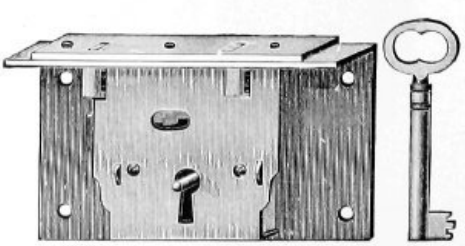
No. 467—2x1¼ in., iron, double link, square selvedge, 2 secure levers, solid square box, screwed, fine flat bow key, 12 changes, 11/16 in. from selvedge to key pin, weight per dozen 1 lb.....per dozen $ 3.25



No. 427—2½x1¾ in., iron, double link, square selvedge, 2 secure levers, solid box, screwed, fine flat bow key, 12 changes, 15/16 in. from selvedge to key pin, weight per dozen 2 lbs., per dozen..... $ 3.50



No. 410—3x2 in., iron, double link, square selvedge, 2 secure levers, solid box, screwed, fine flat bow key, 12 changes, 1 in. from selvedge to key pin, weight per dozen 3 lbs., per dozen..... $ 4.00



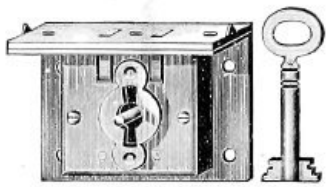
No. 203—4x2¾ in., iron, double link, 2 secure levers, tumbler wards, screwed, flat bow key, 12 changes, 1½ in. from selvedge to key pin, weight per dozen 5 lbs....per dozen $ 4.50

ONE DOZEN IN A BOX.

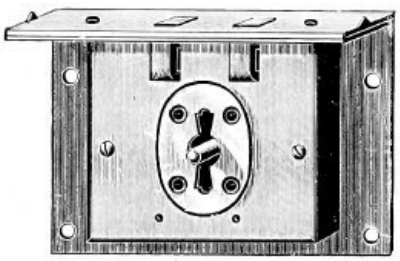
CHEST LOCKS.

Half Size Cuts.

SECURE LEVER.



No. 533—2½x1¼ in., iron, double link, secret wards, brass escutcheon, self-locking, double bitted key, 12 changes, ⅞ in. from selvedge to key pin, weight per dozen 2¼ lbs., per dozen ..... $ 4.75

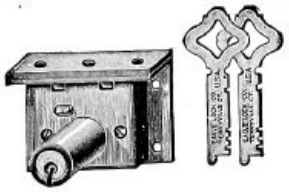


Double Link, Square Selvedge, Self-Locking, Screwed, Secret Wards.

No. 9—4x3 in., iron, 4 hook tumblers, 1 double bitted key, brass escutcheon, 12 changes, 1⅜ in. from selvedge to key pin, weight per dozen 8 lbs., per dozen ..... $ 6.00

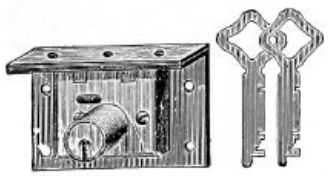
ONE DOZEN IN A BOX.

CYLINDER.



All Brass, Double Link, Square Selvedge, Solid Square Box, Screwed.

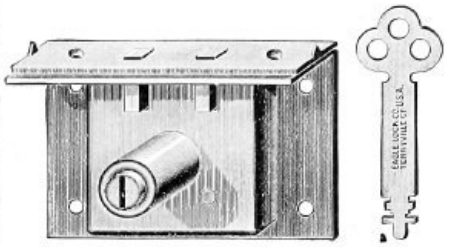
No. 6088—1¾x1¼ in., 3 secure levers, ¾ in. from selvedge to center of cylinder, diameter ½ in., for ¾ in. wood, 2 nickel plated flat steel keys, 12 changes, weight per dozen 1½ lbs., per dozen ..... $ 7.50



No. 02126½—2x1¼ in., 3 secure levers, ¾ in. from selvedge to center of cylinder, diameter ½ in., for ¾ in. wood, 2 nickel plated flat steel keys, 12 changes, weight per dozen 2 lbs., per dozen ..... $ 9.00

HALF DOZEN IN A BOX.

CYLINDER.



Double Link, Square Selvedge, Solid Square Box.

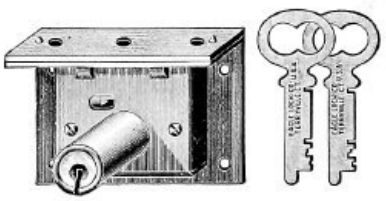
No. 01961—3½x2¼ in., all brass, self-locking, 4 hook tumblers and 2 wards, 2 nickel plated flat steel keys, 12 changes, 1⅛ in. from selvedge to center of key cylinder, diameter 11/16 in., for 1 in. wood, weight per dozen 6 lbs. ..... per dozen $12.00

No. 1961—All iron, otherwise same as No. 01961 ..... per dozen 12.00

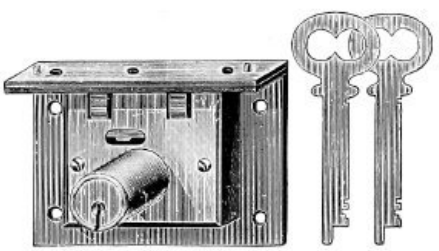
No. 01962—4x2½ in., all brass, self-locking, 4 hook tumblers and 2 wards, 2 nickel plated flat steel keys, 12 changes, 1¼ in. from selvedge to center of key cylinder, diameter ⅞ in., for 1 in. wood, weight per dozen 6 lbs. ..... per dozen 14.00

No. 1962—All iron, otherwise same as No. 01962 ..... per dozen 14.00

HALF DOZEN IN A BOX.



No. 6071½—2½x1¾ in., 4 secure levers, 1 in. from selvedge to center of cylinder, 3 lengths in each dozen, diameter ⅝ in., for 1¼, 1 and ¾ in. wood, 2 nickel plated flat steel keys, 12 changes, weight per dozen 3 lbs., per dozen $12.00

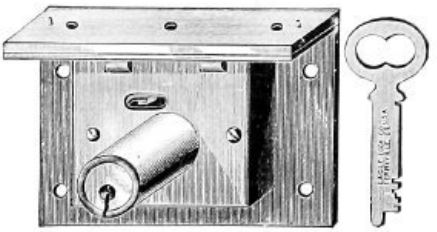


All Brass, Double Link, Square Selvedge, Solid Square Box, Screwed.

No. 6070—3x2 in., 4 secure levers, 1⅛ in. from selvedge to center of cylinder, diameter ⅝ in., for 1½, 1¼ and 1 in. wood, 3 lengths in dozen, 2 nickel plated flat steel keys, 12 changes, weight per dozen 5 lbs., per dozen $14.00

HALF DOZEN IN A BOX.

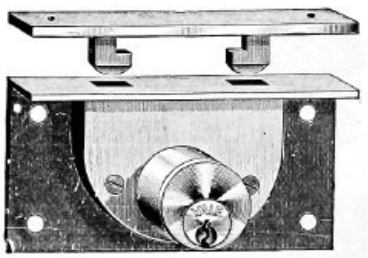
CYLINDER.



No. 6069½—3½x2½ in., 4 secure levers, 1¼ in. from selvedge to center of cylinder, diameter ⅝ in., for 1½, 1¼ and 1 in. wood, 3 lengths in each dozen, 2 nickel plated flat steel keys, 12 changes, weight per dozen 6 lbs., per dozen $16.00

No. 6068—4x2¾ in., 4 secure levers, 1⅜ in. from selvedge to center of cylinder, diameter ¾ in., for 1¾, 1½ and 1¼ in. wood, 3 lengths in each dozen, 2 nickel plated flat steel keys, 12 changes, weight per dozen 8 lbs. ..... per dozen 18.00

HALF DOZEN IN A BOX.

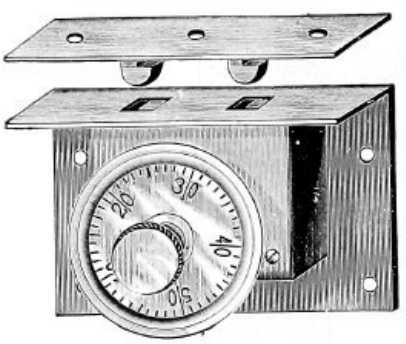


No. 521—4x2 in., *Yale*, brass, cylinder diameter 1⅜ in., 1¼ in. from selvedge to center of cylinder, for 1¼ in. wood, 2 German silver paracentric keys, unlimited changes, weight per dozen 9 lbs. ... per dozen $33.60

No. 523—4x2 in., *Yale*, for 1½ in. wood, otherwise same as No. 521, per dozen 33.60

ONE IN A BOX.

COMBINATION.

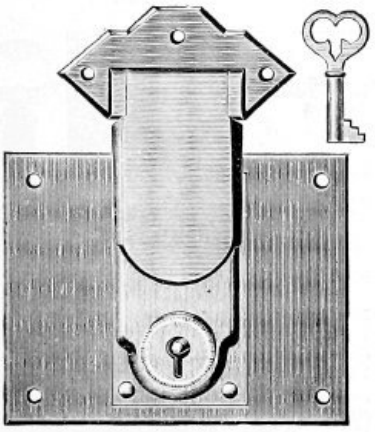


No. 2001—4x2¾ in., all brass, self-locking, square selvedge, solid square box, screwed, nickel plated knob and dial, 1⅜ in. from selvedge to center of knob, for 1 to 1¾ in. wood, 1,000 changes, combination can be changed without removing lock from chest, weight per dozen 12 lbs., per dozen $32.00

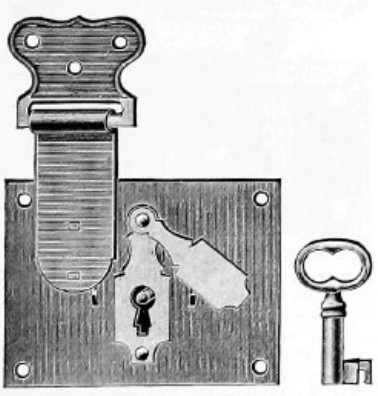
ONE IN A BOX.

TRUNK LOCKS.

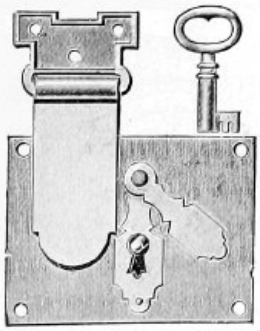
Half Size Cuts.



No. 93—4x3 in., heavy japanned iron plate and box, heavy stop hasp, brass bushed, assorted, 3 changes, weight per dozen 4¾ lbs.....per dozen $2.55



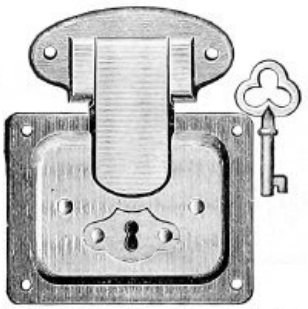
No. 14—3¼x2½ in., iron, japanned, brass bushed and drop, 1 ward, weight per dozen 2¾ lbs...per dozen $1.30



No. No. 8—3x2¼ in., iron, japanned, without bushing, with tin drop, weight per dozen 2 lbs.....per dozen $0.95

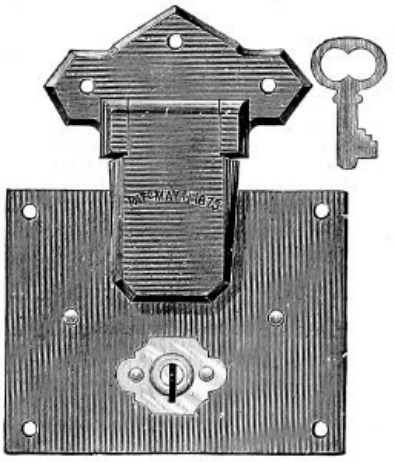
No. 12—3x2¼ in., iron, japanned, brass bushing and drop, 1 ward, weight per dozen 2 lbs.....per dozen 1.20

ONE DOZEN IN A BOX.



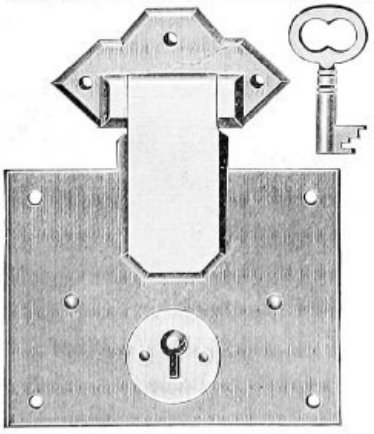
No. 346—3x2¼ in., iron, japanned, tin escutcheon, solid spring hasp, solid key, requires no mortising, w't per doz. 2¾ lbs.....per dozen $1.65

No. 353—3½ in., otherwise same as No. 346.....per dozen 2.30



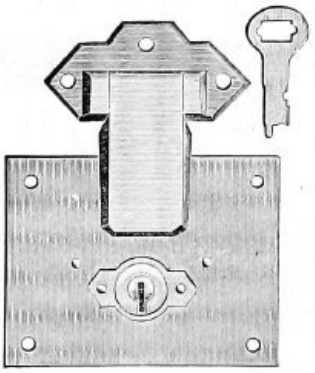
No. 99½—4x3 in., iron, tin bushing, patent solid spring hasp, flat steel key, assorted, 4 changes, w't per doz. 4 lbs.....per dozen $2.55

No. 088½—4x3 in., brass plate, edged and polished, brass bushing, solid spring hasp, flat steel key, assorted, 4 changes, weight per dozen 5 lbs., per dozen..... 6.00

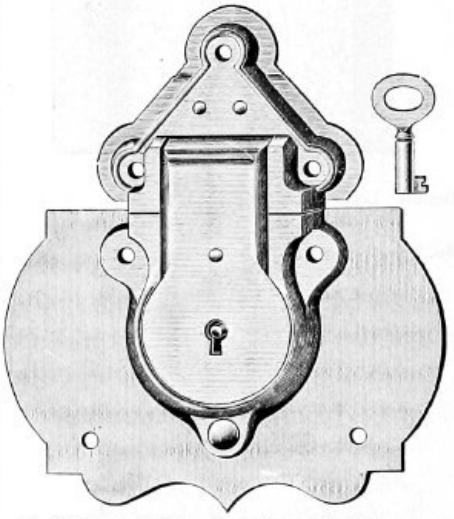


No. 123—4x3 in., iron, japanned, brass bushing, patent solid spring hasp, 2 secure levers, fine polished key, assorted, 2 changes, weight per dozen 4½ lbs.....per dozen $3.55

ONE DOZEN IN A BOX.

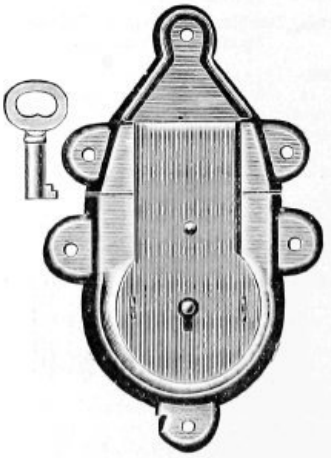


No. 270—3¼ in., iron, japanned, brass bushing, solid spring stop hasp, brass escutcheon, flat steel keys, weight per dozen 2⅝ lbs.....per dozen $1.50



No. 0199—4x3¼ in., iron, brass plated, guard cup, flat bow key, weight per dozen 7 lbs.....per dozen $4.50

No. 0198—5x3¼ in., iron, all brass plated, otherwise same as No. 0199, per dozen 6.50

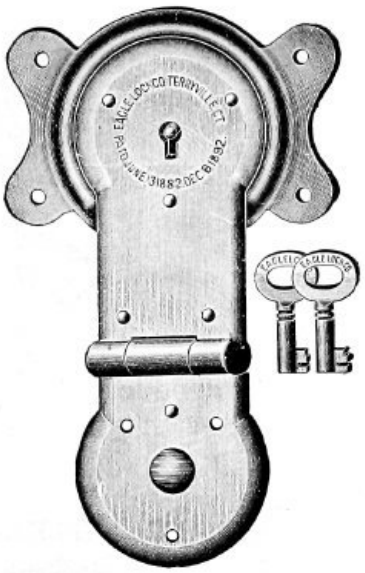


No. 262—3x3¼ in., iron, brass plated, flat bow key, w't per doz. 3¾ lbs., per dozen..... $3.00

ONE DOZEN IN A BOX.

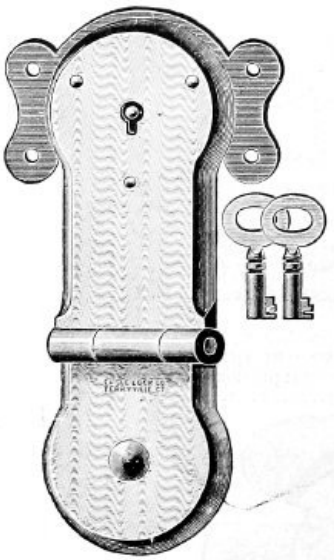
TRUNK LOCKS.

Half Size Cuts.



No. 411½—6½x3¾ in., wrought iron, brass plated, guard cup, 2 secure levers, 2 flat bow keys, four changes in a dozen, weight per dozen 6 lbs. .....per dozen $5.50

ONE DOZEN IN A BOX.



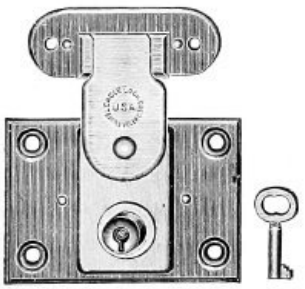
No. 0186¼—6½x2¼ in., solid cast brass, jiggered finish, in fancy patterns, buffed edge, 2 secure levers, 2 nickel plated wrought steel flat bow keys, 4 changes, w't per doz. 7 lbs....per dozen **$10.80**

ONE DOZEN IN A BOX.

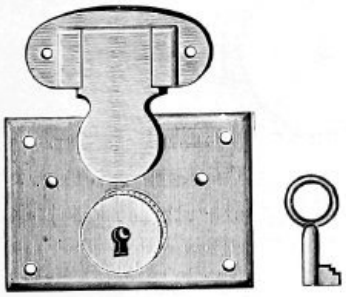
SUIT CASE LOCKS AND BOLTS.

Half Size Cuts.

SUIT CASE LOCKS.

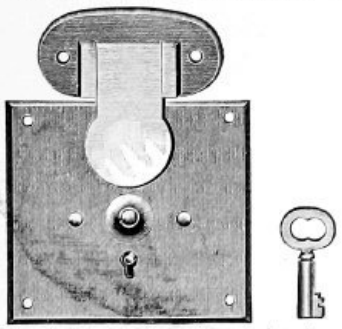


No. 367¾—3¼x3 in., brass plated iron, plain finish, straight spring hasp, flat bow key, weight per doz. 2¼ lbs., per dozen $6.00

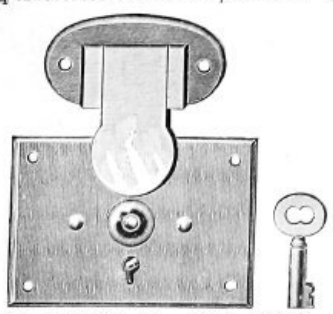


No. 341—3¼x3 in., brass plated iron, buffed finish, straight spring hasp, flat bow key, weight per doz. 2¾ lbs., per dozen $6.60

No. 0341—3¼x3 in., all brass, buffed and lacquered, otherwise same as No. 341, per dozen 8.80



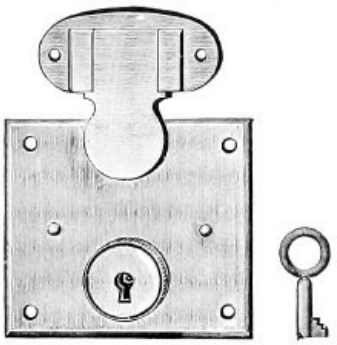
No. 402¼—3½x2¾ in., brass plated iron, plain finish, straight spring hasp, flat bow key, weight per doz. 2¾ lbs. ..... per dozen $6.00



No. 402¾—3½x2¾ in., brass plated iron, plain finish, straight spring hasp, flat bow key, weight per doz. 2½ lbs. ..... per dozen $6.00

ONE DOZEN IN A BOX.

SUIT CASE LOCKS.

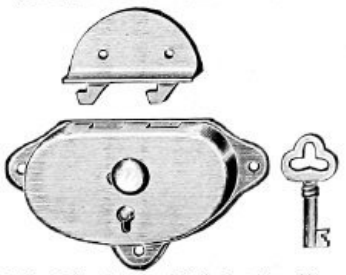


No. 340—4x3 in., brass plated iron, buffed finish, straight spring hasp, secure levers, brass plated bow key, weight per doz. 3½ lbs. ..per dozen $6.50

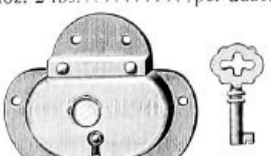
No. 0340—4x3 in., all brass, buffed and lacquered, otherwise same as No. 340 ..... per dozen 8.80

ONE DOZEN IN A BOX.

SAMPLE CASE LOCKS.



No. 0395—3 in., brass nickel plated, self-locking, hasp cut for valance, spring thumb push, flat bow key, weight per doz. 2 lbs. ..... per dozen $5.50



No. 0297—2¼ in., brass nickel plated, self locking, spring thumb push, flat bow key, weight per doz. 1¼ lbs. ..... per dozen $4.40

No. 0296—1¾ in., brass nickel plated, self locking, spring thumb push, round bow key, weight per doz. ¾ lb. ..... per dozen $3.30

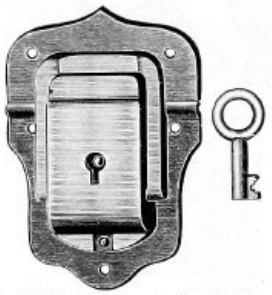
ONE DOZEN IN A BOX.

SUIT CASE LOCKS AND BOLTS.

No. 382—1¾ in., brass plated iron, buffed finish, lock and bolt combined, plain bow key, w't per doz. 1 lb., per dozen.... $5.50

ONE DOZEN IN A BOX.

SUIT CASE LOCKS AND BOLTS.

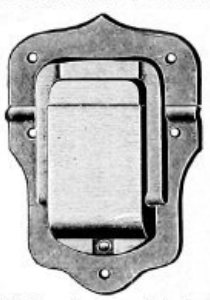


No. 368—2¼ in., brass plated iron, buffed finish, lock and bolt combined, secure lever, plain bow key, weight per doz. 3 lbs., otherwise same as No. 382 ..... per dozen $6.60

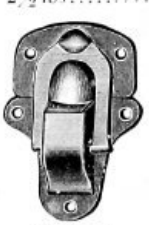
No. 0368—2¼ in., all brass, buffed and lacquered, otherwise same as No. 368, per dozen 7.70

ONE DOZEN IN A BOX.

SUIT AND SAMPLE CASE BOLTS.



No. 5530—2¼ in., brass plated iron, buffed finish, weight per doz. 2½ lbs. ..... per dozen $3.50



No. 1770.

No 1778.

No. 1770—1⅝ in., brass plated iron, weight per doz. ¾ lb... per dozen $0.60

No. 1778—1½ in., nickel plated iron, weight per doz. ½ lb....per dozen .60

No. 5523 and 05523.

No. 01796.

No. 5523—1¼ in., brass plated iron, buffed finish, weight per doz. ½ lb. ..... per dozen $1.00

No. 05523—1¼ in., all brass, buffed and lacquered, weight per doz. ¾ lb. per dozen 2.00

No. 01796—1⅜ in., cast brass, buffed and lacquered, weight per doz. 1¼ lbs. ..... per dozen 3.50

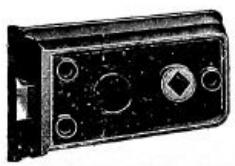
ONE DOZEN IN A BOX.

LATCHES.

RIM KNOB.

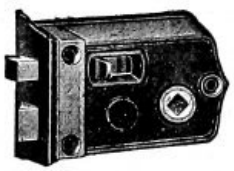
No. 01110—2¼×3½ in. ornamental bronzed iron case, reversible for right or left hand doors, iron bolt, with stop, patent half bevel strike, with patent bronzed knobs, backset 2⅝ in., w't per doz. 12 lbs.....per dozen $5.25

HALF DOZEN IN A BOX, WITH SCREWS. TWENTY DOZEN IN A CASE.



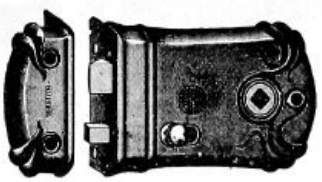
No. 1111—2⅜×3½ in. japanned iron case, iron bolt, iron hub, round cornered case, reversible for right or left hand door, backset 2½ in., w't per doz. 8 lbs.....per dozen $2.00

HALF DOZEN IN A BOX, WITH SCREWS. TWENTY DOZEN IN A CASE.



No. 2121—2½×3⅝ in. japanned iron case, iron bolt, hub and slide bolt, sunk thumb piece, reversible for right or left hand doors, backset of hub 2⅝ in., w't per doz. 10 lbs.....per dozen $2.50

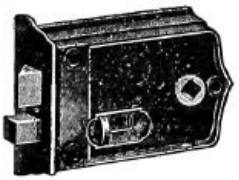
HALF DOZEN IN A BOX, WITH SCREWS. TWELVE DOZEN IN A CASE.



No. 3552—2½×4 in. wrought steel frame, japanned, ivory finish, 2 iron bolts, brass thumb knob, backset 2¾ in., w't per doz. 8 lbs.....per dozen $3.60

HALF DOZEN IN A BOX, WITH SCREWS. TWENTY DOZEN IN A CASE.

RIM KNOB.



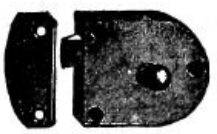
Japanned Iron Case.

No. 2122—2¾×3⅝ in. heavy iron bolt, slide bolt and hub, brass sunk thumb piece, reversible for right or left hand doors, backset of hub 2¾ in., w't per doz. 12 lbs.....per dozen $3.50

No. 2123—2¾×3⅝ in., heavy brass bolt and slide bolt, iron hub, brass sunk thumb piece, reversible for right or left hand doors, backset of hub 2¾ in., w't per doz. 12 lbs.....per dozen 6.25

HALF DOZEN IN A BOX, WITH SCREWS. TWELVE DOZEN IN A CASE.

SECRET GATE.



No. J116—2⅛×2½ in., japanned iron w't per doz. 7 lbs.....per dozen $ 8.40

No. P116—2⅛×2½ in., bronze plated iron, w't per doz. 7 lbs.....per dozen 9.80

No. OC116—2⅛×2½ in., polished old copper finished iron, w't per doz. 7 lbs.....per dozen 11.20

No. P16—2⅛×2½ in., plain polished bronze metal, w't per doz. 8 lbs., per dozen..... 13.50

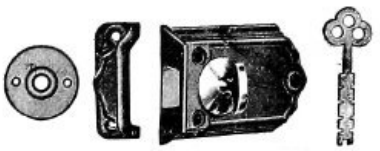
No. OC16—2⅛×2½ in., polished old copper finish bronze metal, w't per doz. 8 lbs.....per dozen 14.70

HALF DOZEN IN A BOX, WITH SCREWS.

RIM NIGHT.

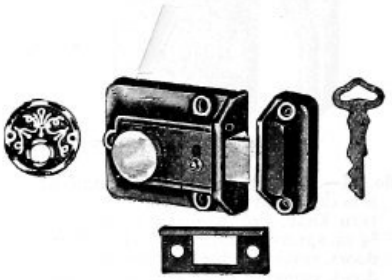
No. 62—2¼×3 in., japanned iron case, iron bolt, brass stop and draw back knob, ½×⅞ in. cylinder, reversible for right or left hand door, 1 to 1½ in. thick, backset 2¼ in., 2 flat steel keys, w't per doz. 11 lbs.....per dozen $7.25

ONE-QUARTER DOZEN IN A BOX, WITH SCREWS.



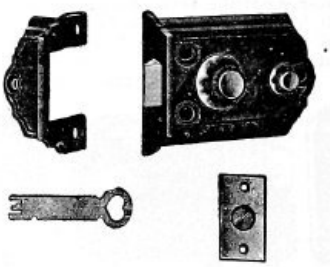
No. 1162—2⅜×3¼ in. japanned iron case, heavy iron bolt, brass draw back and turn stop knobs, ⅞×¾ in. cylinder, for right or left hand doors, ⅞ to 1⅛ in. thick, swinging in or out, regular and reverse bevel strikes, bronze escutcheon, backset 2 in., 2 flat steel keys, w't per doz. 13 lbs., per dozen..... $11.00

ONE-QUARTER DOZEN IN A BOX. WITH SCREWS.



No. 52—2¼×2¾ in. japanned iron case, iron bolt, bronze metal turn knob and stop, bronze metal escutcheon, ⅞ in. cylinder, 2 flat steel keys, reversible for right or left hand doors swinging in or out, from ⅞ to 1½ in. thick, ordinary and reverse bevel strikes, backset 1½ in., w't per doz. 12 lbs., per dozen..... $12.00

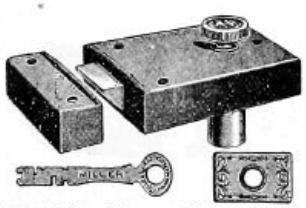
ONE IN A BOX, WITH SCREWS.



No. 1152—2⅝×4 in. heavy japanned iron case, heavy brass bolt, nickel plated draw back and turn stop knobs, bronze metal stop escutcheon, ¾ in. cylinder, 2 flat steel keys, backset 2 in., w't per doz. 15 lbs.....per dozen $17.00

ONE IN A BOX, WITH SCREWS.

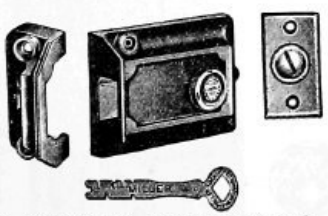
RIM NIGHT LATCHES.



No. 64—2×3 in., MILLER, japanned iron case, brass plated bolt, bronze turn knob and escutcheon, ¾×⅞ in. cylinder, reversible for right or left hand door, backset 2¼ in., 2 flat steel keys, 6 changes, w't per doz. 9 lbs., per dozen..... $5.50

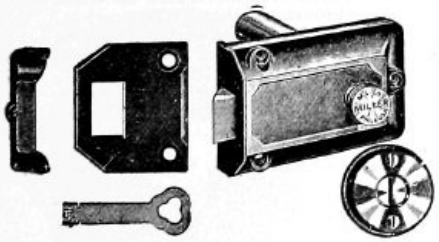
No. 65—2×3 in., MILLER, polished old copper finish, iron case, brass plated bolt, bronze turn knob and escutcheon, ¾×⅞ in. cylinder, reversible for right or left hand door, back set 2¼ in., 2 flat steel keys, 6 changes, weight per doz. 9 lbs.....per dozen 7.50

ONE IN A BOX, WITH SCREWS.



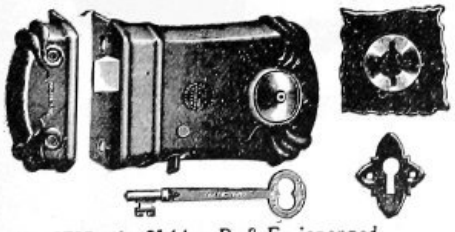
No. 74—2½×3½ in., MILLER, japanned iron case, heavy iron bolt, bronze metal turn knob, bronze metal escutcheon, ¾ in. spring cylinder, for ⅞ in. to 2 in. doors, reversible for right or left hand doors swinging in or out, 2 flat steel keys, backset 2 1/16 in., w't per doz. 11 lbs.....per dozen $10.00

ONE IN A BOX.



No. 73—2½×3½ in., MILLER, heavy japanned iron case, heavy bronze bolt, turn knob and back plate, polished bronze escutcheon, reversible latch, ¾ in. cylinder for ⅞ to 2 in. doors, two-piece strike, reversible for right or left hand doors swinging in or out, 3 flat steel keys, backset 2 in., w't per doz. 12 lbs.....per dozen $16.50

ONE IN A BOX, WITH SCREWS.



No. 3765—4×2½ in., R. & E., japanned steel case and escutcheon, heavy iron bolt with stop, reversible for right or left hand doors, 2 nickel plated steel keys, backset 2⅞ in., w't per doz. 10 lbs.....per dozen $10.00

HALF DOZEN IN A BOX, WITH SCREWS.

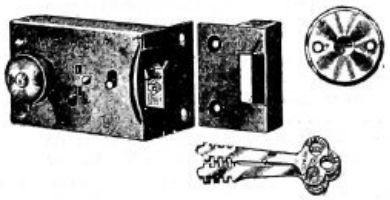
No. 77—2½×3½ in. heavy japanned iron case, bronze plated bolt, bronze cylinder, turn knob and key plate, reversible and reverse bevel for 1½ to 3 in. doors, 3 flat steel keys, unlimited changes, backset 2⅜ in., w't per doz. 18 lbs.....per dozen $16.00

ONE IN A BOX, WITH SCREWS.

No. 108—2¼×3½ in., heavy japanned iron case, bronze bolt, bronze slide and stop knobs, bronze swivel escutcheon, 4 tumblers, ¾ in. cylinder, backset 2 in., 2 flat steel keys, w't per doz. 14 lbs.....per dozen $17.50

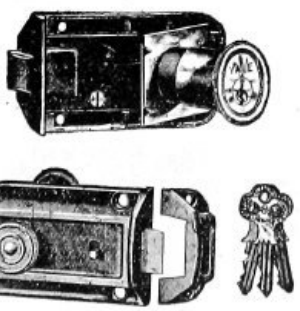
No. 109—2¾×4 in., heavy bronze bolt, bronze slide and stop knobs, bronze swivel escutcheon, 4 tumblers, ¾ in. cylinder, backset 2½ in., 3 flat steel keys, w't per doz. 16 lbs....per dozen 20.00

ONE IN A BOX, WITH SCREWS.



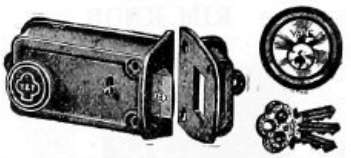
No. 015—2×3½ in., YALE, japanned wrought steel case, reversible, ivory finish, bronze bolt, bronze turn knob, 2 strikes, polished bronze escutcheon 5/8×3¼ in., brass cylinder, 2 nickel plated flat steel keys, backset 2½ in., w't per doz. 8 lbs.....per dozen $12.50

ONE IN A BOX, WITH SCREWS.



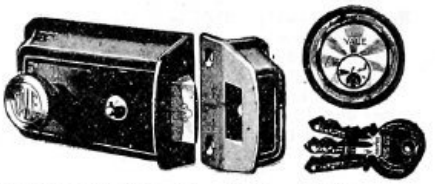
No. 25½—2¼×3⅝ in., YALE, japanned iron case and strike, reversible, bronze bolt, bronze turn knob and backstop, 1⅛ in. bronze metal cylinder with sliding escutcheon, for 1¾ to 2¼ in. doors, 3 corrugated steel keys, backset 2¾ in., w't per doz. 13½ lbs.....per dozen $22.40

ONE IN A BOX, WITH SCREWS.



No. 22—2×3¼ in., YALE, japanned iron case, reversible, heavy bronze bolt and turn knob, bronze cylinder escutcheon, adjustable for ⅞ to 2 in. doors, 3 corrugated keys, innumerable changes, backset 2½ in., w't per doz. 16 lbs., per dozen..... $29.25

ONE IN A BOX, WITH SCREWS.



No. 42—2⅜×3⅝ in., YALE, copper bronzed case, reversible, heavy bronze bolt and turn knob, bronze cylinder escutcheon, adjustable for ⅞ to 2½ in. doors, 3 paracentric keys, innumerable changes, backset 2½ in., w't per doz. 20 lbs.....per dozen $37.00

ONE IN A BOX, WITH SCREWS.

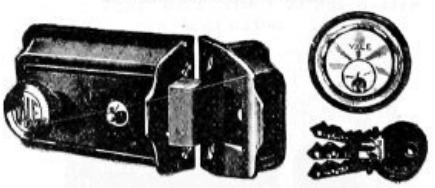
No. 042

No. 8300—Cylinder, 3⅝x2⅜ in., japanned case and strike, heavy bronze bolt, cylinder and turnknobs reversable, cylinder escutcheon, for ⅞ to 2¾ in. doors, 3 paracentric keys, unlimited chaeges, basket 2⅜ in., wt. per doz. 18 lbs.,.....per dozen $30.00

No. 042—3⅝×2⅜ in., YALE, japanned case and strike, reversible, heavy bronze bolt, cylinder and turn knob, cylinder escutcheon, for ⅞ to 2¾ in. doors, 3 paracentric keys, unlimited changes, backset 2⅜ in., w't per doz. 18½ lbs.....per dozen 34.40

ONE IN A BOX, WITH SCREWS.

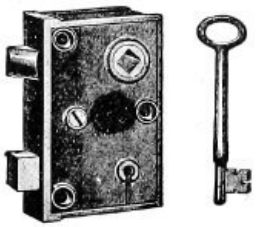
DEAD-LOCKING.



No. 242—2⅜×3½ in., YALE, old copper finish bronze plated iron case and strike, reversible, bronze dead-locking bolt, cylinder and turn knob, for ⅞ to 2½ in. doors, 3 paracentric keys, unlimited changes, backset 2⅜ in., w't per doz. 20½ lbs.....per dozen $55.60

The bolt acts normally as a spring latch, but if attacked with tools through crack of door, a safety device dead-locks the bolt and prevents its retraction, except by the knob or key. This lock is especially intended for entrance and office doors liable to attack by thieves.

UPRIGHT RIM KNOB LOCKS.

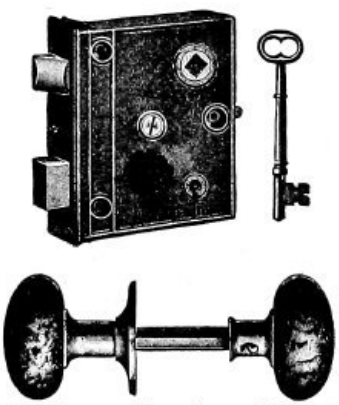


For Narrow Stile Doors, Reversible, Japanned Iron Case and Escutcheon.

No. 980—2×3½ in., 2 iron bolts, tinned iron keys, 1 tumbler, 1⅜ in. backset, w't per doz. 9 lbs.....per dozen $3.50

No. 982—3½×2 in., 2 iron bolts, nickel plated steel key, 1 tumbler, 1⅝ in. backset, w't per doz. 9 lbs...per dozen 4.20

HALF DOZEN IN A BOX WITH SCREWS.



Reversible, Japanned Iron Case and Escutcheon.

No. 1884 —4×3¼ in., 2 iron bolts, tinned malleable iron key, 1 tumbler, stop on latch, backset 2½ in., *without knobs*, w't per doz. 14 lbs....per dozen $2.40

No. 1884A—4×3¼ in., 2 iron bolts, 1 tinned malleable iron key, 1 tumbler, stop on latch, with *mineral* knobs, backset 2½ in., w't per doz. 22 lbs. per dozen 4.00

No. 1884B—4×3¼ in., 2 iron bolts, 1 tinned malleable iron key, 1 tumbler, stop on latch, with *porcelain* knobs, backset 2½ in., w't per doz. 22 lbs., per dozen..... 4.25

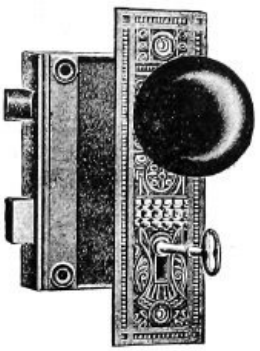
No. 1884J—4×3¼ in., 2 iron bolts, 1 tinned malleable iron key, 1 tumbler, stop on latch, with *jet* knobs, backset 2½ in., w't per doz. 22 lbs., per dozen 4.25

No. 01884A—One set in a box, with screws, otherwise same as No. 1884A, per dozen sets..... 4.50

No. 01884B—One set in a box, with screws otherwise same as No. 1884B, per dozen 4.75

No. 01884J—One set in a box, with screws otherwise same as No. 1884J, per dozen 4.75

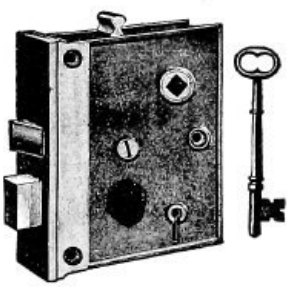
NOS. 1884, 1884A, 1884B AND 1884J, TEN DOZEN IN A CASE, HALF DOZEN IN A BOX, WITH SCREWS. BALANCE ONE SET IN A BOX, WITH SCREWS.



Reversible, Japanned Iron Case and Escutcheon.

No. 2884—4×3 in., 2 iron bolts, 1 tumbler, stop on latch, elongated japanned escutcheon, jet knobs, backset 2¼ in., malleable iron key, w't per doz. 27 lbs., per dozen sets..... $5.00

ONE SET IN A BOX, WITH SCREWS.



Reversible, Japanned Iron Case and Escutcheon.

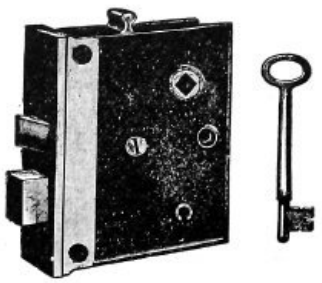
No. 2301 —4¼×3¼ in., 2 iron bolts, tinned iron key, 1 tumbler, stop on latch, *without* knobs, backset 2½ in., w't per doz. 16 lbs.....per dozen $2.75

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.

No. 2301A—4¼×3¼ in., 2 iron bolts, tinned iron key, 1 tumbler, stop on latch, with *mineral* knobs, backset 2½ in., w't per doz. 24 lbs..per dozen 4.35

No. 2301B—4¼×3¼ in., 2 iron bolts, tinned iron key, 1 tumbler, stop on latch, with *porcelain* knobs, backset 2½ in., w't per doz. 24 lbs..per dozen 4.60

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.



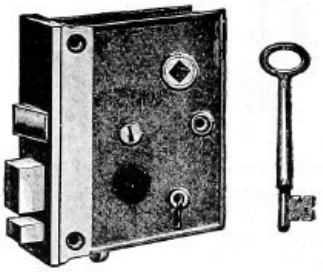
Reversible, Japanned Iron Case and Escutcheon

No. 2302 —4¼×3¼ in., 2 *iron* bolts, nickel plated *steel* key, 1 tumbler, stop on latch, backset 2½ in., w't per doz. 16 lbs.....per dozen $4.25

No. 2302-2—4¼×3¼ in., *with 2 Keys*, otherwise same as No. 2302..per dozen 5.50

No. 2303 —4¼×3¼ in., 2 *brass* bolts, nickel plated *steel* keys, 1 tumbler, stop on latch, backset 2½ in., w't per doz. 16 lbs.....per dozen 5.75

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.



Reversible, Japanned Iron Case and Escutcheon.

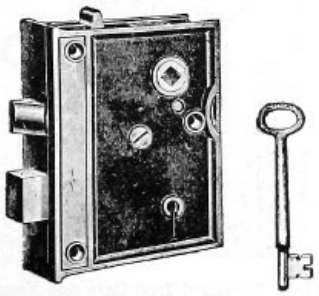
No. 3301—4¼×3¼ in., 3 *iron* bolts, malleable *iron* key, 1 tumbler, backset 2⅜ in., w't per doz. 16 lbs..per dozen $5.00

No. 3302—4¼×3¼ in., 3 *iron* bolts, nickel plated *steel* key, 1 tumbler, backset 2⅜ in., w't per doz. 16 lbs...per dozen 5.50

No. 3303—4¼×3¼ in., 3 *brass* bolts, nickel plated *steel* key, 1 tumbler, backset 2⅜ in., w't per doz. 16 lbs., per dozen..... 6.75

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.

UPRIGHT RIM KNOB LOCKS.



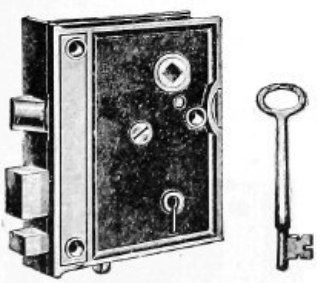
Reversible, Japan ned Iron Case and Escutcheon

No. 2321—4½×3½ in., 2 *iron* bolts, tinned malleable *iron* key, 1 tumbler, stop on latch, backset 2½ in., w't per doz. 19 lbs. ..... per dozen $6.00

No. 2322—4½×3½ in., 2 *iron* bolts, nickel plated *steel* key, 1 tumbler, stop on latch, backset 2½ in., w't per doz. 19 lbs. ..... per dozen 7.00

No. 2323—4½×3½ in., 2 *brass* bolts, nickel plated *steel* key, 1 tumbler, stop on latch, backset 2½ in., w't per doz. 19 lbs. ..... per dozen 8.50

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.



Reversible, Japanned Iron Case and Escutcheon.

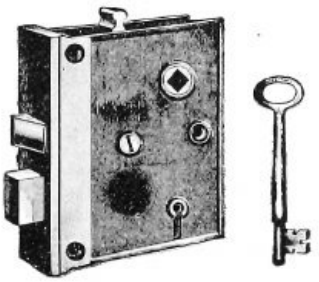
No. 3321—4½×3¼ in., 3 *iron* bolts, tinned malleable *iron* key, 1 tumbler, backset 2½ in., w't per doz. 18 lbs., per dozen..... $7.00

No. 3322—4½×3¼ in., 3 *iron* bolts, nickel plated *steel* key, 1 tumbler, backset 2½ in., w't per doz. 18 lbs., per dozen..... 8.25

No. 3323—4½×3¼ in., 3 *brass* bolts, nickel plated *steel* key, 1 tumbler, backset 2½ in., w't per doz. 18 lbs., per dozen..... 10.00

No. 3333—4½×3¼ in., 3 *heavy brass* bolts, nickel plated steel key, 2 *wrought iron rack* tumblers, 24 charges, backset 2½ in., w't per doz. 18 lbs. ..per dozen 13.50

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.

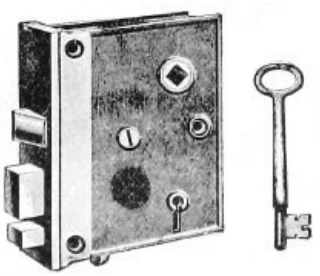


Reversible, Japanned Iron Case and Escutcheon.

No. 2342—5×3½ in., 2 heavy *iron* bolts, nickel plated steel key, 1 tumbler, 12 changes, stop on latch, backset 2½ in., w't per doz. 23 lbs. ..... per dozen $10.50

No. 2343—5×3½ in., 2 heavy *brass* bolts, nickel plated steel key, 1 tumbler, 12 changes, stop on latch, backset 2½ in., w't per doz. 23 lbs..per dozen 12.50

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.



Reversible, Japanned Iron Case and Escutcheon.

No. 3342—5×3½ in., 3 heavy *iron* bolts, nickel plated steel key, 1 tumbler, 12 changes, backset 2½ in., w't per doz. 23 lbs..... per dozen $12.00

No. 3343—5×3½ in., 3 heavy *brass* bolts, nickel plated steel key, 1 tumbler, 12 changes, 2½ in. backset, w't per doz. 23 lbs..... per dozen 14.00

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.

Reversible.

No. K2301—4×3¼ in., *kahala bronzed* case, 2 iron bolts, tinned iron key, 1 tumbler, backset 2⅝ in., w't per doz. 16 lbs. ..... per dozen $5.25

No. B2303—4×3¼ in., *bronze plated* case, 2 brass bolts, steel key, 1 tumbler, backset 2⅝ in., w't per doz. 15½ lbs., per dozen..... 8.15

Kahala bronze is a brown lacquer, with ground raised surfaces showing a contrast in color from the dark background. The "B" goods are electro-bronze plated with ground and polished raised surfaces, No. 3 finish.

HALF DOZEN IN A BOX, WITH SCREWS. TWELVE DOZEN IN A CASE.

Reversible.

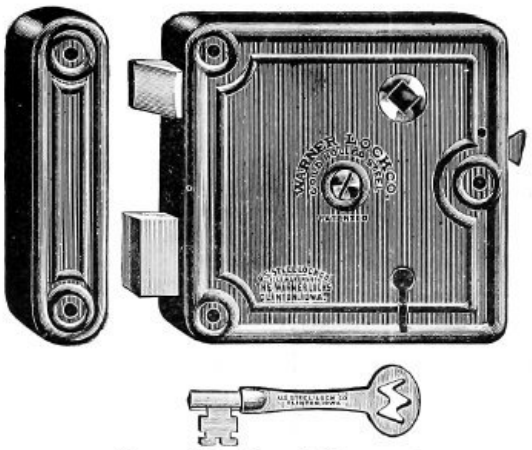
No. K3301—4×3¼ in., *kahala bronzed* case, 3 iron bolts, tinned iron key, 1 tumbler, backset 2⅝ in., w't per doz. 16 lbs. ..... per dozen $5.75

No. B3303—4×3¼ in., *bronze plated* case, 3 brass bolts, steel key, 1 tumbler, backset 2⅝ in., w't per doz. 16 lbs., per dozen..... 9.00

HALF DOZEN IN A BOX, WITH SCREWS. TWELVE DOZEN IN A CASE.

WROUGHT STEEL RIM KNOB LOCKS.

Half Size Cuts.



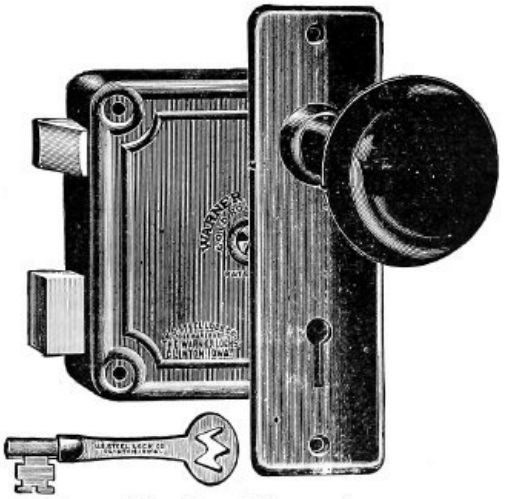
Reversible, Round Cornered.

No. 1104—3¾×3¾ in., japanned, ivory black finish case and 5½×1¾ in. escutcheon, 2 *iron* bolts, iron hub, tinned iron key, no stop on latch, backset 2½ in., w't per doz. 10 lbs., - - - - - per dozen $3.75

No. OC1104—Polished *old copper* finish, otherwise same as No. 1104, - - - - - - - per dozen 4.50

No. 1105—3¾×3¾ in., japanned, ivory black finish case and 5½×1¾ in. escutcheon 2 *brass* bolts, nickel plated steel key, *stop on latch,* backset 2½ in., w't per doz. 10 lbs., - - - - - - per dozen 7.00

HALF DOZEN IN A BOX. WITH ROUND HEAD SCREWS.
TWELVE DOZEN IN A CASE.



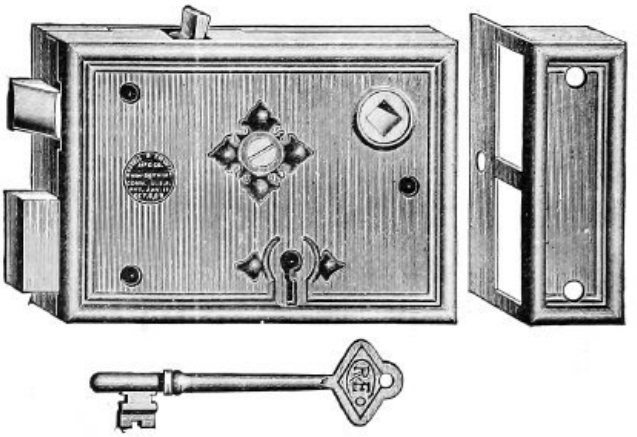
Reversible, Round Cornered.

No. 2104—3¾×3¾ in., japanned, ivory black finish case and escutcheon, 2 *iron* bolts, iron hub, tinned iron key, no stop on latch, backset 2½ in., complete with jet knobs and japanned steel 5½×1¾ in. elongated escutcheon, w't per doz. 20 lbs., - - - - - per dozen $7.00

No. OC2104—Polished *old copper* finish, otherwise same as No. 2104, - - - - - - - per dozen 8.00

No. 2105—3¾×3¾ in., japanned, ivory black finish case and escutcheon, 2 *brass* bolts, nickel plated steel key, *stop on latch,* backset 2½ in., complete with jet knobs and japanned steel 5½×1¾ in. elongated escutcheon, w't per doz. 20 lbs., - - - - - per dozen 9.00

ONE-QUARTER DOZEN IN A BOX, WITH ROUND HEAD SCREWS.
TWELVE DOZEN IN A CASE.

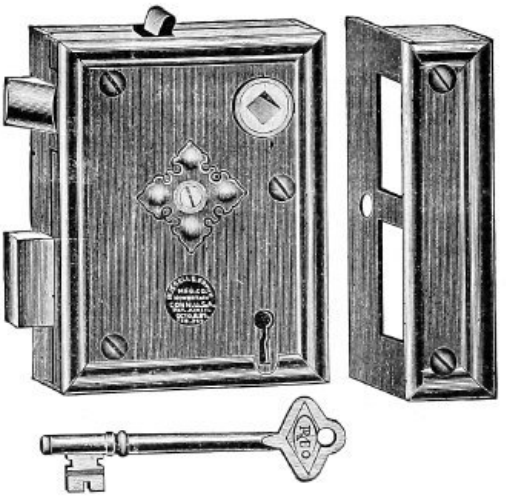


Reversible, Japanned Iron, Ivory Black Finish Case.

No. 3200—3¼×4½ in., 2 *iron* bolts, nickel plated iron key, 1 tumbler, stop on latch, 4 changes, backset 2½ in., w't per doz. 12 lbs., - - - - - - per dozen $4.00

No. 3206—3¼×4½ in., 2 *brass* bolts, nickel plated steel key, 1 tumbler, stop on latch, 4 changes, backset 2½ in., w't per doz. 11 lbs., - - - - - per dozen 6.50

HALF DOZEN IN A BOX, WITH SCREWS. TWELVE DOZEN IN A CASE.



Upright, Reversible, Japanned, Ivory Black Finish Case and Plated Escutcheon.

No. 3800—4×3⅛ in., 2 *iron* bolts, with stop, nickel plated iron key, 1 tumbler, 4 changes, backset 2⅜ in., w't per doz. 11 lbs., - - - - - - per dozen $4.00

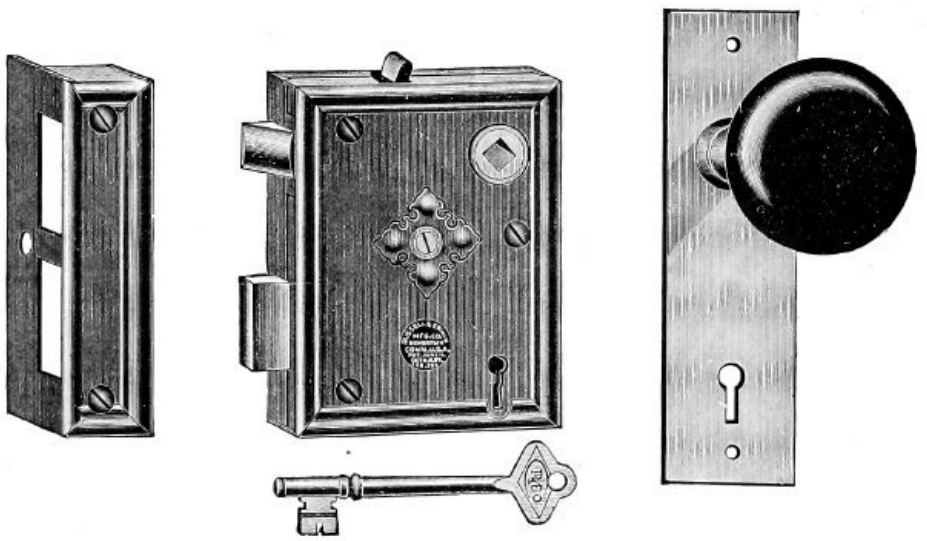
No. 3802—4×3⅛ in., 2 *iron* bolts, with stop, nickel plated steel key, 1 tumbler, 4 changes, backset 2⅜ in., w't per doz. 11 lbs., - - - - - - per dozen 5.00

No. 3806—4×3⅛ in., 2 *brass* bolts, with stop, nickel plated steel key, 1 tumbler, 4 changes, backset 2⅜ in., w't per doz. 11 lbs., - - - - - per dozen 6.50

HALF DOZEN IN A BOX, WITH SCREWS. TWELVE DOZEN IN A CASE.

UPRIGHT WROUGHT STEEL RIM KNOB LOCKS.

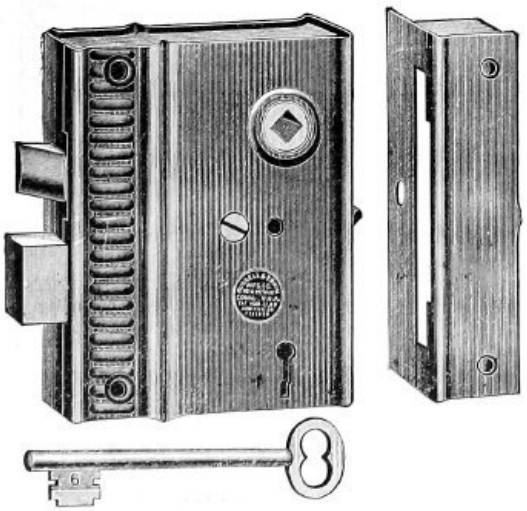
Half Size Cuts.



Reversible, Brass Plated Steel Case and Escutcheon.

No. 3897—4×3 in., 2 brass plated iron bolts, 1 tumbler, nickel plated steel key, brass plated steel combined rose and escutcheon, jet knob with brass plated shank, backset 2⅜ in., weight per dozen 23 lbs., - - - - - - - - - per dozen $9.50

ONE-QUARTER DOZEN IN A BOX, WITH SCREWS. SIX DOZEN IN A CASE.

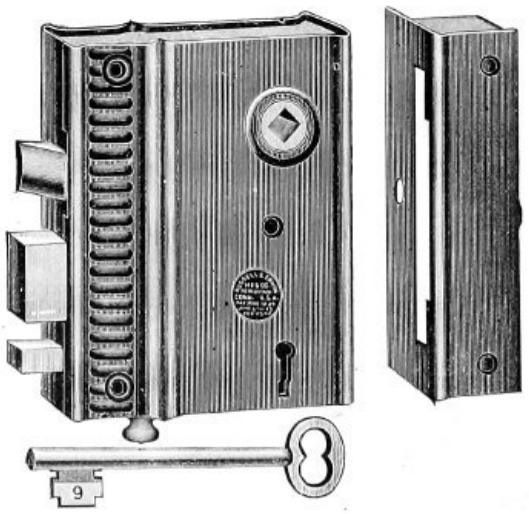


Reversible, Japanned, Ivory Finish Case and Escutcheon.

No. 3820—4¼×3⅜ in., 2 *iron* bolts, 1 tumbler, nickel plated steel key, stop on latch, 12 changes, backset 2⅜₁₆ in., w't per doz. 13 lbs., - - - - - - per dozen $ 7.20

No. 3826—4¼×3⅜ in., 2 *brass* bolts, 1 tumbler, nickel plated steel key, stop on latch, 12 changes, backset 2⅜₁₆ in., w't per doz. 13 lbs., - - - - - per dozen 10.00

HALF DOZEN IN A BOX, WITH SCREWS.
TWELVE DOZEN IN A CASE.



Reversible, Japanned, Ivory Finish Case and Escutcheon.

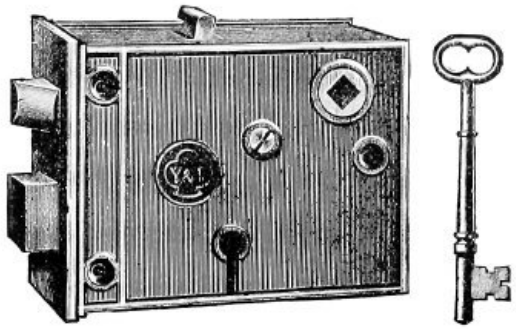
No. 3830—4¼×3⅜ in., 3 *iron* bolts, 1 tumbler, brass slide knob, nickel plated steel key, 12 changes, backset 2⅜₁₆ in., w't per doz. 14 lbs., - - - - - per dozen $ 8.50

No. 3836—4¼×3⅜ in., 3 *brass* bolts, 1 tumbler, brass slide knob, nickel plated steel key, 12 changes, backset 2⅜₁₆ in., w't per doz. 14 lbs., - - - - - per dozen 12.50

HALF DOZEN IN A BOX, WITH SCREWS
TWELVE DOZEN IN A CASE

HORIZONTAL RIM KNOB LOCKS.

Half Size Cuts.

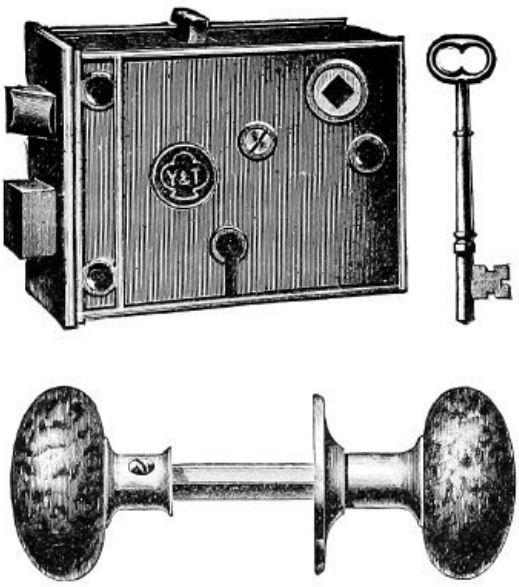


Reversible, Japanned Iron Case and Escutcheon.

No. 1885—3⅜×4¼ in., 2 *iron* bolts, tinned malleable *iron* key, 1 tumbler, stop on latch, backset of hub 3¼ in., of key hole 2 in., w't per doz. 14 lbs., - per dozen $2.50

No. 1886—3⅜×4¼ in., 2 *brass* bolts, nickel plated solid *steel* key, 1 tumbler, stop on latch, backset of hub 3¼ in., of key hole 2 in., w't per doz. 15 lbs., - per dozen 5.50

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.

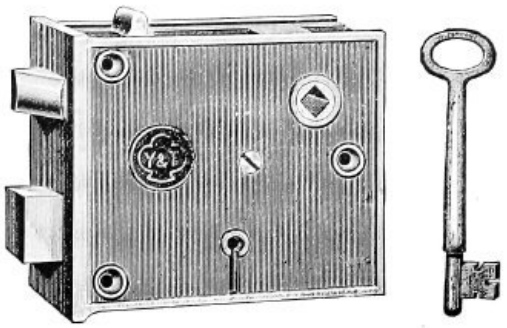


Reversible, Japanned Iron Case and Escutcheon.

No. 1885A—3⅜×4¼ in., 2 iron bolts, tinned malleable iron key, 1 tumbler, stop on latch, backset of hub 3¼ in., of key hole 2 in., with *mineral* knobs, w't per doz. 22 lbs., per dozen, - - - - - - - - $4.15

No. 1885B—3⅜×4¼ in., 2 iron bolts, tinned malleable iron key, 1 tumbler, stop on latch, backset of hub 3¼ in., of key hole 2 in., with *porcelain* knobs, w't per doz. 22 lbs., - - - - - - per dozen 5.50

HALF DOZEN IN A BOX, WITH SCREWS. SIX DOZEN IN A CASE.



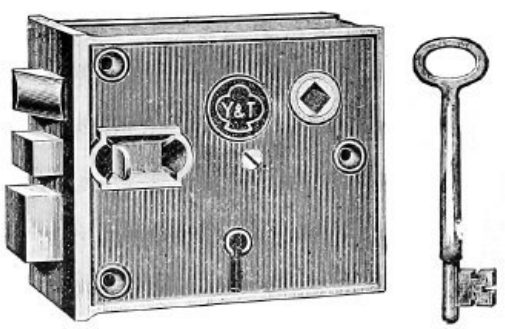
Reversible, Japanned Iron Case and Escutcheon.

No. 2211—3¼×4¼ in., 2 *iron* bolts, tinned *iron* key, 1 tumbler, stop on latch, backset of hub 3⅜ in., of key hole 2⅛ in., w't per doz. 16 lbs., - - per dozen $3.00

No. 2212—3¼×4¼ in., 2 *iron* bolts, nickel plated *steel* key, 1 tumbler, stop on latch, backset of hub 3⅜ in., of key hole 2⅛ in., w't per doz. 18 lbs., - - per dozen 5.00

No. 2213—3¼×4¼ in., 2 *brass* bolts, nickel plated *steel* key, 1 tumbler, stop on latch, backset of hub 3⅜ in., of key hole 2⅛ in., w't per doz. 18 lbs., - - per dozen 6.50

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.



Reversible, Japanned Iron Case and Escutcheon.

No. 3211—3¼×4¼ in., 3 *iron* bolts, tinned malleable *iron* key, 1 tumbler, backset of hub 3⅜ in., of key hole 2⅛ in., w't per doz. 16 lbs., - - - per dozen $3.90

No. 3212—3¼×4¼ in., 3 *iron* bolts, nickel plated solid *steel* key, 1 tumbler, backset of hub 3⅜ in., of key hole 2⅛ in., w't per doz. 18 lbs., - - - per dozen 5.75

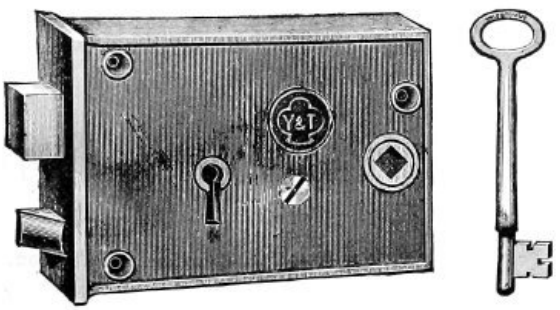
No. 3213—3¼×4¼ in., 3 *brass* bolts, nickel plated solid *steel* key, 1 tumbler, 2¼ in. backset, w't per doz. 18 lbs., per dozen 8.50

No. 3213½—3¼×4 in., same as No. 3213, with lighter case, w't per doz. 16 lbs., - - - per dozen 7.50

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.

HORIZONTAL RIM KNOB LOCKS.

Half Size Cuts.

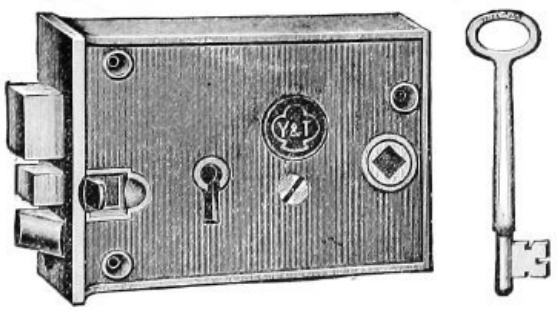


Reversible, Japanned Iron Case.

No. 2232—3¾×5 in., 2 *iron* bolts, nickel plated steel key, 1 tumbler, with stop, backset of hub 4¼ in., of key hole 1⅞ in., w't per doz. 23 lbs., - - - per dozen $10.75

No. 2233—3¾×5 in., 2 *brass* bolts, nickel plated steel key, 1 tumbler, with stop, backset of hub 4¼ in., of key hole 1⅞ in., w't per doz. 23 lbs., - - - per dozen 11.00

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.

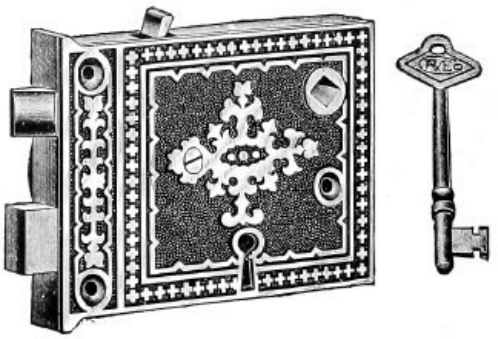


Reversible, Japanned Iron Case.

No. 3232—3¾×5 in., 3 *iron* bolts, nickel plated steel key 1 tumbler, backset of hub 4¼ in., of key hole 1⅞ in., w't per doz. 24 lbs., - - - - per dozen $11.75

No. 3233—3¾×5 in., 3 *brass* bolts, nickel plated steel key, 1 tumbler, backset of hub 4¼ in., of key hole 1⅞ in., w't per doz. 24 lbs., - - - - per dozen 14.00

HALF DOZEN IN A BOX, WITH SCREWS. TEN DOZEN IN A CASE.

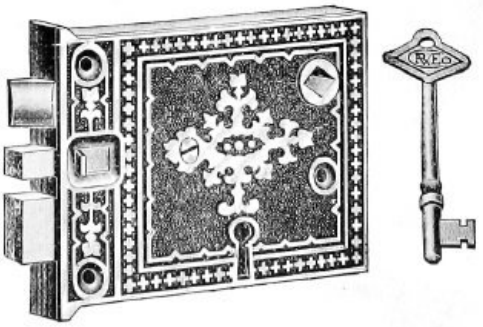


Reversible.

No. K2211—4⅜×3½ in., *kahala bronzed* case, 2 iron bolts, tinned key, 1 tumbler, backset of hub 3⅝ in., of key hole 2⅝ in., w't per doz. 16 lbs., - - - per dozen $5.25

No. B2213—4⅜×3½ in., *bronze plated* case, 2 brass bolts, steel key, 1 tumbler, backset of hub 3⅝ in., of key hole 2⅝ in., w't per doz. 16 lbs., - - - per dozen 8.15

HALF DOZEN IN A BOX. TWELVE DOZEN IN A CASE.



Reversible.

No. K3211—4⅜×3½ in., *kahala bronzed* case, 3 iron bolts, tinned key, 1 tumbler, backset of hub 3⅝ in., of key hole 2⅝ in., w't per doz. 16 lbs., - - - per dozen $6.25

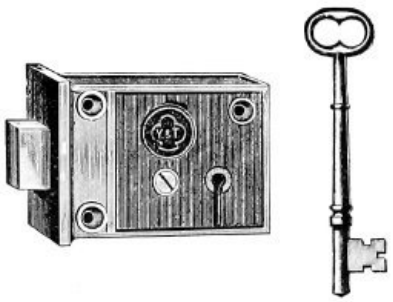
No. B3213—4⅜×3½ in., *bronze plated* case, 3 brass bolts, steel key, 1 tumbler, backset of hub 3⅝ in., of key hole 2⅝ in., w't per doz. 16 lbs., - - - per dozen 9.00

HALF DOZEN IN A BOX. TWELVE DOZEN IN A CASE.

Kahala bronze is a brown lacquer with ground raised surfaces showing a contrast in color from the dark background. The "B" goods are electro-bronze plated with ground and polished raised surfaces, No. 3 finish.

RIM DEAD LOCKS.

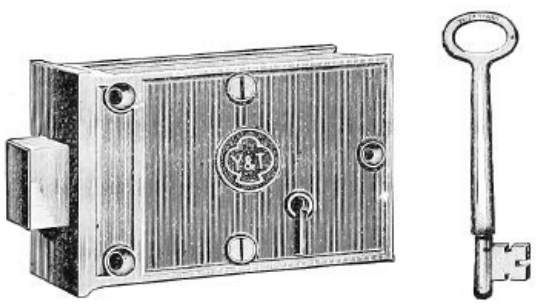
Half Size Cuts.



Reversible, Japanned Iron Case and Escutcheon.

No. 1211—2×2¾ in., iron bolt, tinned malleable iron key, 1 tumbler, backset 2⅛ in., w't per doz. 7½ lbs., per dozen $2.35

HALF DOZEN IN A BOX, WITH SCREWS.

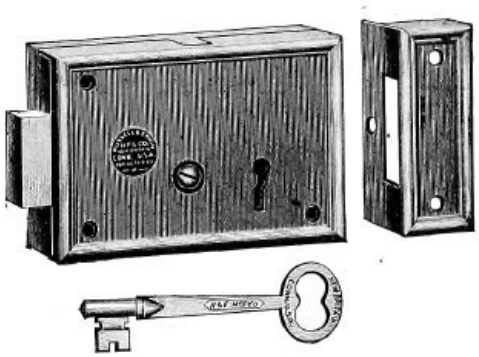


Reversible, Japanned Iron Case and Escutcheon.

No. 1221—2¼×3½ in., iron bolt, tinned malleable iron key, 1 tumbler, backset 2⅜ in., w't per doz. 7½ lbs., per dozen $3.00

No. 1222—2¼×3½ in., iron bolt, nickel plated flat steel key, 1 wrought iron rack tumbler, 12 changes, backset 2⅜ in., w't per doz. 10 lbs., - - - - per dozen 4.35

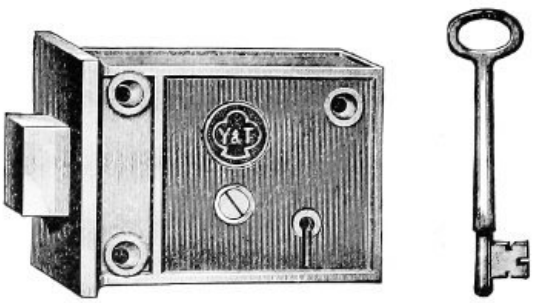
HALF DOZEN IN A BOX, WITH SCREWS.



Reversible, Japanned, Ivory Finish Steel Case and Escutcheon.

No. 3600—2×2¾ in., heavy iron bolt, nickel plated key, backset 2⅛ in., w't per doz. 5½ lbs., - per dozen $3.00

ONE DOZEN IN A BOX, WITH SCREWS.



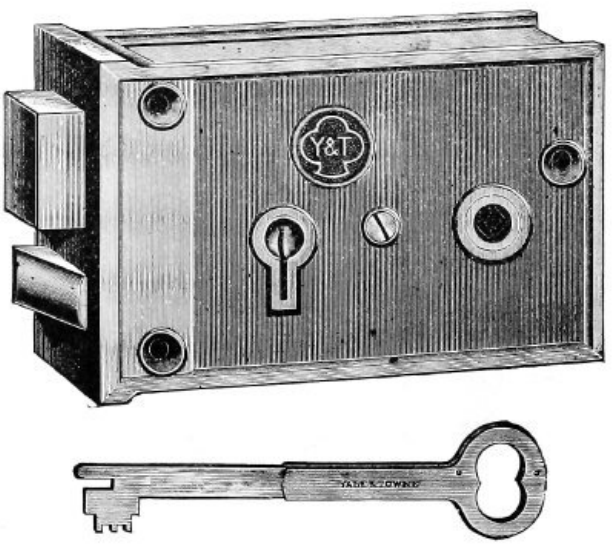
Reversible, Japanned Iron Case and Escutcheon.

No. 1241—2¾×4 in., iron bolt, tinned iron key, 1 tumbler, 12 changes, backset 2¾ in., w't per doz. 13 lbs., per dozen, - - - - - - - - - $ 4.25

No. 1242—2¾×4 in., iron bolt, nickel plated solid steel key, 1 wrought iron rack tumbler, 12 changes, backset 2¾ in., w't per doz. 13 lbs., - - - - per dozen 5.50

No. 1252—2¾×4 in., iron bolt, 2 nickel plated solid steel keys, 3 wrought iron rack tumblers, 24 changes, backset 2¾ in., w't per doz. 13 lbs., - - - per dozen 12.00

HALF DOZEN IN A BOX, WITH SCREWS.



Reversible, Japanned Iron Case, Strike and Plate Escutcheon.

No. 2272—4×6 in., 2 heavy iron bolts, revolving key cylinder, bronze hub, 2 nickel plated folding steel keys, 1 tumbler, 12 changes, backset 3⅜ in., w't per doz. 42 lbs., per dozen, - - - - - - $24.00

ONE IN A BOX, COMPLETE, WITH SCREWS.

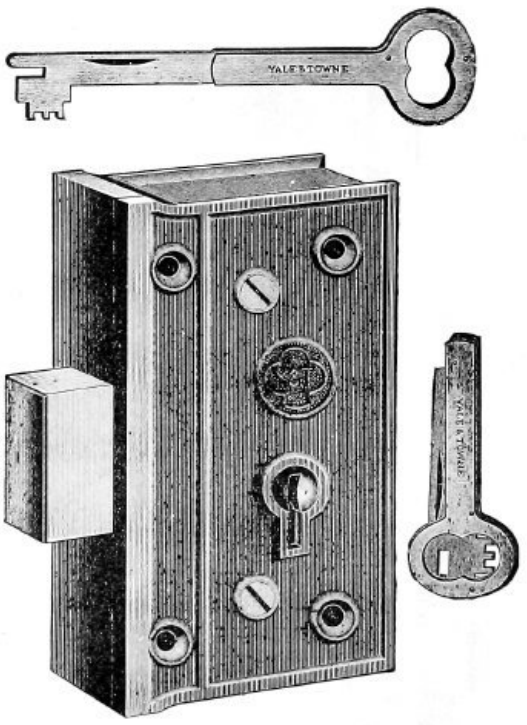
STORE DOOR DEAD LOCKS.

Half Size Cuts.

Reversible, Japanned Iron Case, Strike and Escutcheon.

No. 1312—4×2½ in., heavy iron bolt, 2 nickel plated folding steel keys, 1 tumbler, 12 changes, backset 1⅜ in., w't per doz. 20 lbs., - - - - - per dozen $16.00

ONE-QUARTER DOZEN IN A BOX, WITH SCREWS.

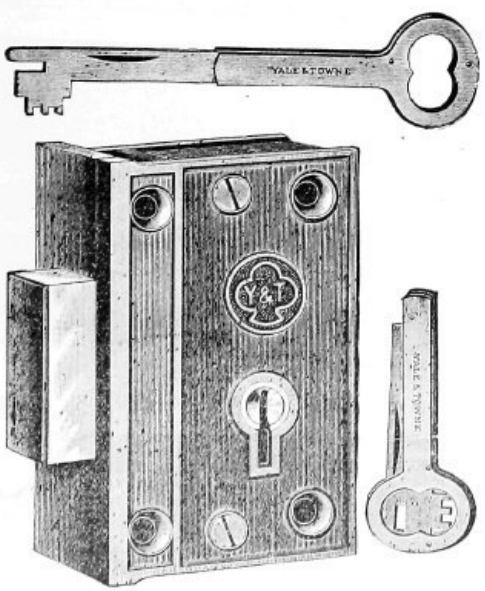


Reversible, Japanned Iron Case, Strike and Escutcheon, Wrought Inside Works.

No. 1332—5½×3½ in., heavy iron bolt, 2 nickel plated folding steel keys, 2 wrought tumblers, 24 changes, backset 2¼ in., w't per doz. 36 lbs., - - - per dozen $22.00

No. 1342—5½×3½ in., heavy iron bolt, 2 nickel plated folding steel keys, 3 wrought tumblers, 48 changes, backset 2¼ in., w't per doz. 36 lbs., - - - per dozen 25.00

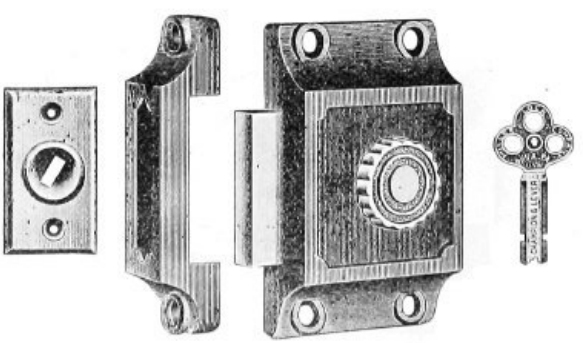
ONE IN A BOX, WITH SCREWS.



Reversible, Japanned Iron Case, Strike and Escutcheon.

No. 1322—5×3 in., heavy iron bolt, 2 nickel plated folding steel keys, 1 tumbler, 12 changes, backset 2 in., w't per doz. 24 lbs., - - - - - per dozen $16.50

ONE IN A BOX, WITH SCREWS.



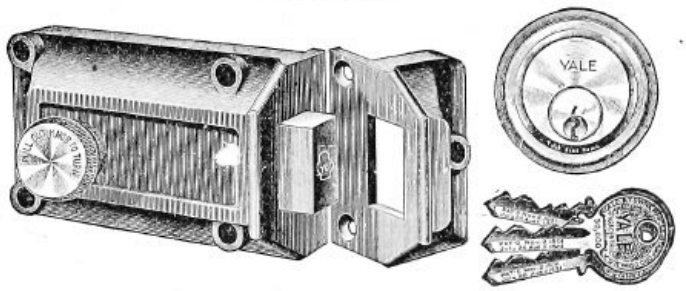
Reversible, Japanned Iron Case, Strike and Bronze Escutcheon.

No. 1373—4×2½ in., heavy bronze bolt, 3 nickel plated flat steel keys, 3 tumblers, brass cylinder, for 1¾ to 2⅛ in. doors, plated thumb knob, non-pickable, backset 1⅝ in., w't per doz. 24 lbs., - - - - per dozen $30.00

ONE IN A BOX, WITH SCREWS.

RIM DEAD LOCKS.

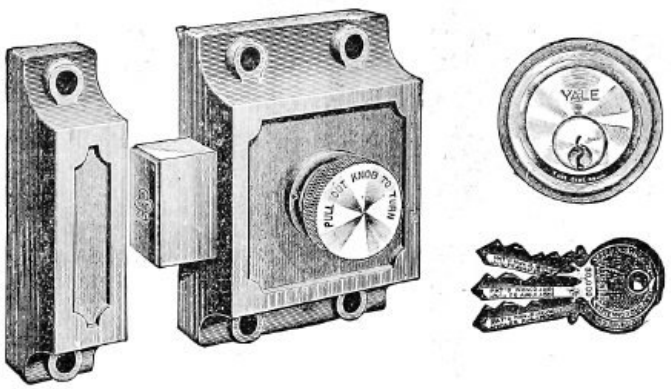
Half Size Cuts.



Reversible, Japanned Iron Case.

No. Y32—3⅝×2⅜ in., heavy bronze bolt and turn knob, bronze cylinder escutcheon, adjustable for ⅞ to 2¾ in. doors, 3 paracentric keys, unlimited changes, 2⅜ in. backset, w't per doz. 21 lbs., - - - per dozen $65.00

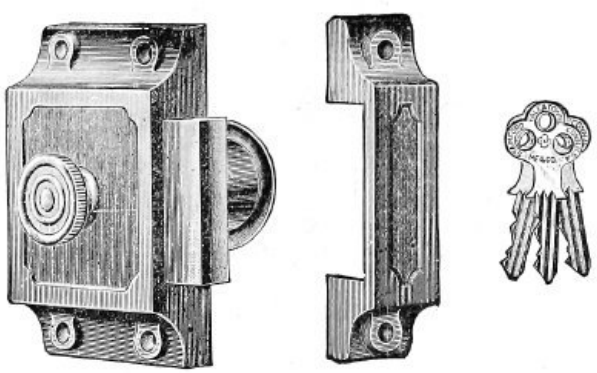
ONE IN A BOX, WITH SCREWS.



Reversible, Japanned Iron Case.

No. 712—4×2½ in., heavy bronze bolt and turn knob, bronze cylinder escutcheon, adjustable for 1⅜ to 3 in. doors, 3 paracentric keys, unlimited changes, 1¼ in. backset, operated by key from outside, by knob from inside, w't per doz. 25 lbs., - - - - per dozen $75.00

ONE IN A BOX, WITH SCREWS.

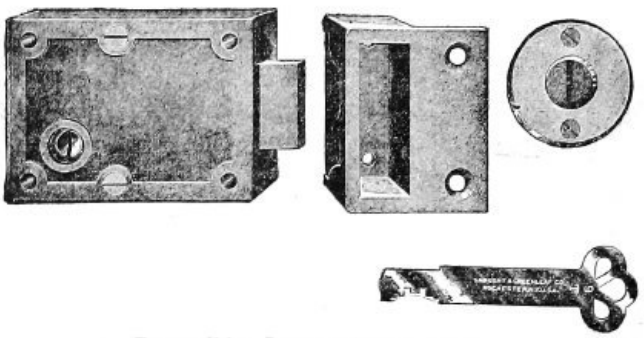


Reversible, Japanned Iron Case and Strike.

No. 722½—4×2½ in., bronze bolt and turn knob, bronze cylinder escutcheon, adjustable for 1¾ to 2¼ in. doors, 3 corrugated steel keys, unlimited changes, 1¼ in. backset, operated by key from outside, by knob from inside, w't per doz. 21 lbs., - - - - per dozen $55.00

ONE IN A BOX, WITH SCREWS.

Half Size Cuts.

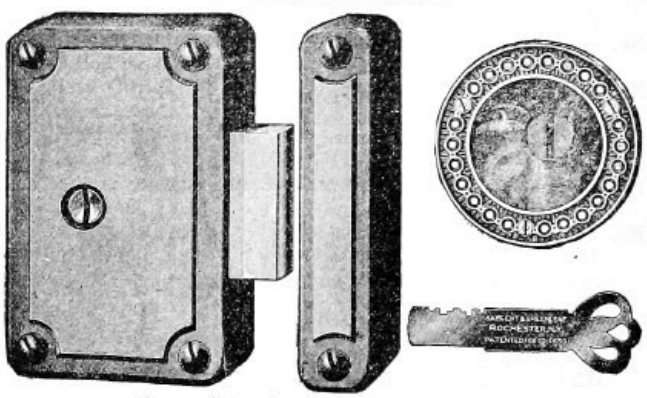


Reversible, Japanned Iron Case.

No. 13½—3×2¼×¾ in., japanned strike, brass bolt, 1 flat brass escutcheon, 3 steel tumblers, 2 flat German silver keys, 100 changes, backset 2¼ in., operating from either side, w't per doz. 13½ lbs., - - per dozen $9.00

Keys cannot be duplicated by number.

ONE IN A BOX, WITH SCREWS.



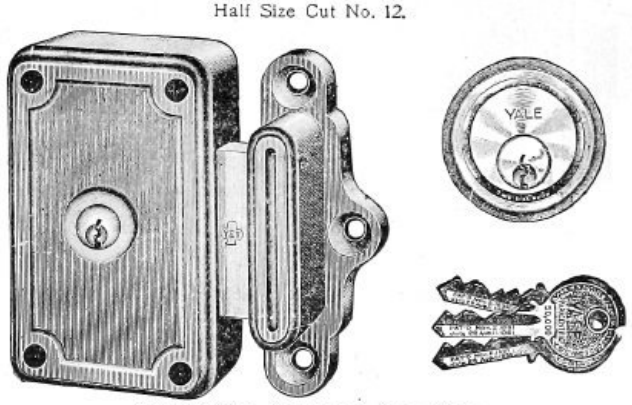
Reversible, Japanned Iron Case.

No. 7½—2½×4¼×⅞ in., bronze bolt, bronze cup escutcheon, 4 brass tumblers, 3 flat German silver keys, unlimited changes, backset 1½ in., key operating from either side, w't per doz. 27 lbs., - - per dozen $18.00

Keys cannot be duplicated by number.

ONE IN A BOX, WITH SCREWS.

Half Size Cut No. 12.



Reversible, Japanned Iron Case.

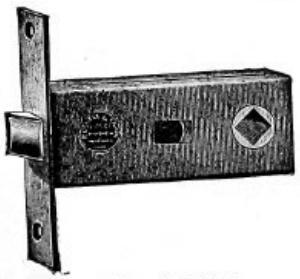
No. 12—4×2½ in., heavy bronze bolt, bronze cylinder escutcheon, 3 paracentric keys, for 1⅜ to 2⅞ in. doors, unlimited changes, 1¼ in. backset, w't per doz. 25 lbs., per dozen, - - - - - - - - $90.00

No. 4—5×3 in., 3 paracentric keys, for 1⅜ to 4 in. doors, 1½ in. backset, w't per doz. 37 lbs., otherwise same as No. 12, - - - - - - - per dozen $97.50

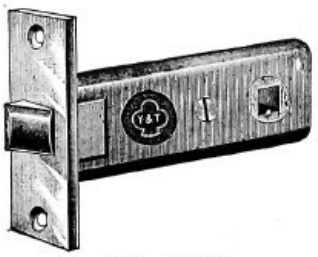
ONE IN A BOX, WITH SCREWS.

MORTISE KNOB LATCHES.

Half Size Cuts.



Nos. 2030 and 2041½.



Nos. 1411 to SC1513.

Japanned Ivory Finish Case.

No. 2030 —3×1¼ in., lacquered steel front, iron bolt, per dozen, - - - - - - - - - $1.80

No. 2041½—3×1¼ in., polished brass front and bolt, per dozen, - - - - - - - - - 3.60

ONE DOZEN IN A BOX, WITH SCREWS. WEIGHT 3½ LBS. PER DOZEN.

Japanned Iron Case, Backset 2½ Inches.

No. 1411—3¼×1¼ in., iron front, bolt and strike, per dozen, - - - - - - - - - $1.50

No. A1413—3¼×1¼ in., brass front and bolt, brass plated strike, - - - - - - - per dozen 3.25

No. F1413—3¼×1¼ in., Bower-Barff steel front and strike, brass bolt, - - - - - per dozen 4.50

No. P1513—3¼×1¼ in., cast plain bronze metal front and strike, bronze bolt, - - - - - per dozen 4.50

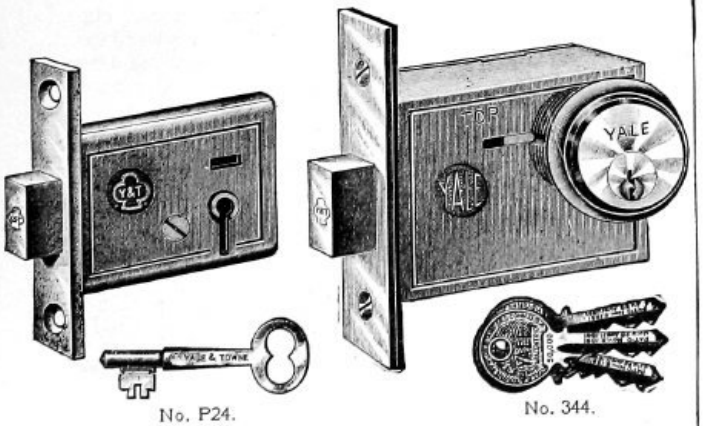
No. OC1513—3¼×1¼ in., polished old copper finish bronze front, strike and bolt, - - - - - per dozen 5.00

No. SC1513—3¼×1¼ in., sand blast old copper finish bronze front, strike and bolt, - - - - - per dozen 5.00

ONE DOZEN IN A BOX, WITH SCREWS. WEIGHT 3½ LBS. PER DOZEN.

MORTISE DEAD LOCKS.

Half Size Cuts.



No. P24.

No. 344.

Japanned Iron Case, Reversible.

No. P24—2¾×1¾ in., polished cast bronze metal front, strike and bolt, nickel plated solid steel key, backset 2⅛ in., w't per doz. 10 lbs., - - - per dozen $10.00

HALF DOZEN IN A BOX, WITH SCREWS.

Japanned Iron Case, Reversible.

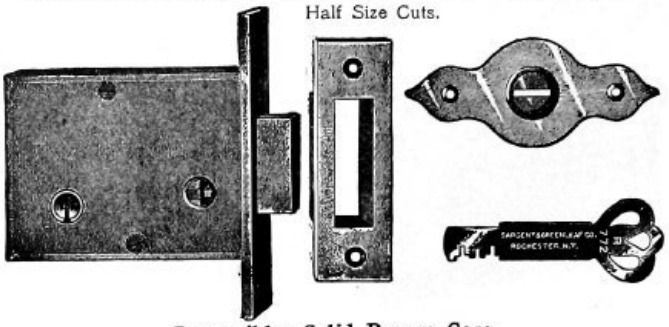
No. 344 —3⅝×2⅜ in., polished cast bronze metal front, strike and bolt, 1 cast bronze metal cylinder, adjustable for 1¼ to 2⅛ in. doors, 3 paracentric keys, unlimited changes, backset 2¾ in., w't per doz. 20 lbs., per dozen $82.50

No. 344¼—3⅝×2⅜ in., 2 cast bronze metal cylinders, otherwise same as No. 344, w't per doz. 25 lbs., - per dozen 130.00

ONE IN A BOX, WITH SCREWS.

MORTISE DEAD LOCKS.

Half Size Cuts.



Reversible, Solid Bronze Case.

No. 13—3×2¼×⅝ in., plain finish, 1 strike, 2 escutcheons, 4 tumblers, 3 flat German silver keys, unlimited changes, backset 2¼ in., key operating from either side, w't per doz. 14 lbs., - - - - - - per dozen $22.00

Keys cannot be duplicated by number.

ONE IN A BOX, WITH SCREWS.

Reversible, Japanned Iron Case.

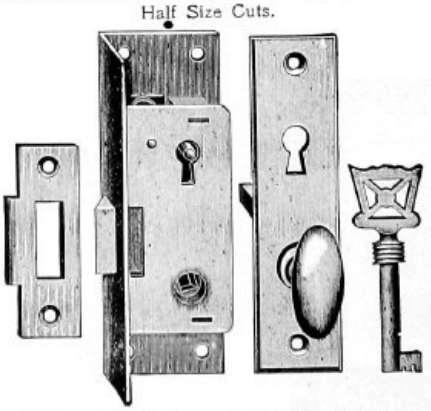
No. 7—2½×3¼×⅞ in., bronze strike, face and bolt, 2 bronze escutcheons, 4 brass tumblers, 3 flat German silver keys, unlimited changes, backset 1⅝ in., key operating from either side, w't per doz. 22 lbs., - - per dozen $24.00

Keys cannot be duplicated by number.

ONE IN A BOX, WITH SCREWS.

CUPBOARD LOCKS.

Half Size Cuts.



No. P711—4 in., polished brass case and strike, beveled brass bolt, polished brass fancy key, polished bronze oval knob and escutcheons (3⅜×1 in.), for ½ to ⅞ in. wood, backset ⅞ in., - - - - per dozen $16.00

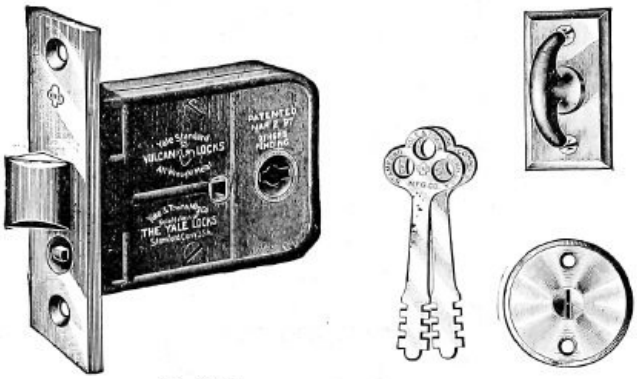
No. OC711—4 in., all brass, polished old copper finish, otherwise same as No. P711, - - per dozen 19.00

No. SC711—4 in., all brass, sand blast old copper finish, otherwise same as No. P711, - - per dozen 20.00

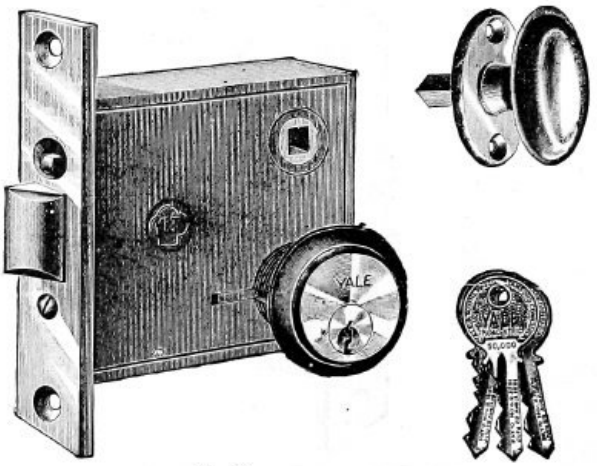
ONE DOZEN IN A BOX, WITH SCREWS. WEIGHT PER DOZEN 5 LBS.

MORTISE NIGHT LATCHES.

Half Size Cuts.



No. 2513.



No. 66.

Bronze Plated Vulcan Steel Case, Reversible, Easy Spring.

No. 2513—2¼ × 3⅜ in., polished cast bronze metal front and strike, bronze bolt and hub, cast bronze metal thumb piece, plate and escutcheon, 2 nickel plated flat steel keys, 12 changes, adjustable for right or left hand doors, backset 2¾ in., weight per dozen 4 lbs., - - -

MORTISE KNOB LOCKS.

Half Size Cuts.

Japanned Case, Reversible.

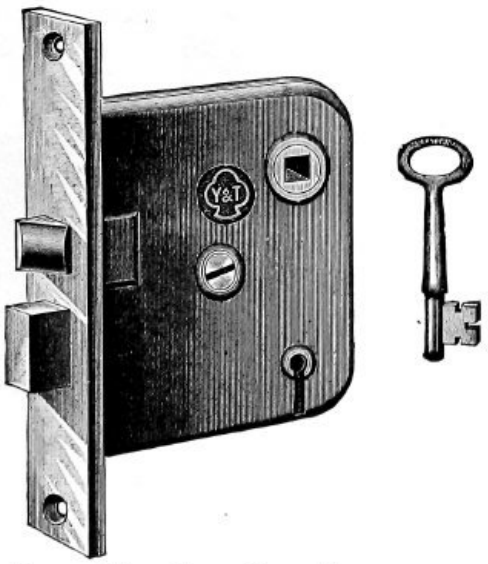
No. 2611—3½×3¼ in., lacquered iron front, iron bolts, wrought iron strike, *tinned iron key*, 1 tumbler, backset 2¼ in., - - - - - - per dozen $2.75

No. 2612—3½×3¼ in., lacquered iron front, iron bolts, wrought iron strike, *nickel plated steel key*, 1 tumbler, backset 2¼ in., - - - - - - per dozen 4.25

No. 2623—3½×3¼ in., heavy brass front, *brass bolts*, hub and strike, nickel plated steel key, 1 tumbler, backset 2¼ in., - - - - - - per dozen 5.75

No. 1090—3½×3¼ in., same as No. 2623, but lighter case, per dozen, - - - - - - - - - - 5.75

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 13 LBS. PER DOZEN. TWELVE DOZEN IN A CASE.

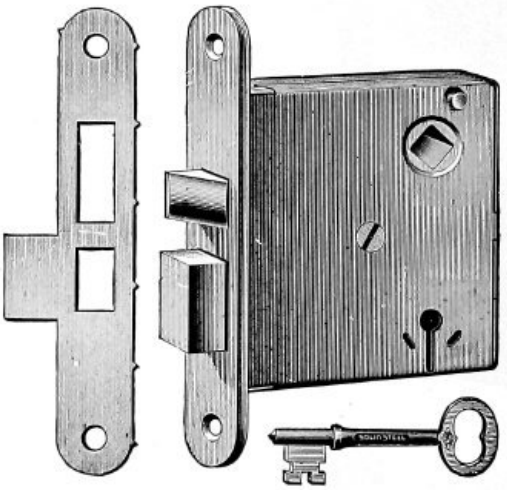


Japanned Iron Case, Reversible.

No. 2743 —4×3¼ in., heavy brass front and bolts, brass hub and strike, nickel plated steel key, 3 wrought iron rack tumblers, 36 changes, backset 2½ in., - per dozen $16.00

No. 2743½—4×3¼ in., 2 nickel plated steel keys, otherwise same as No. 2743, - - - - - per dozen 17.00

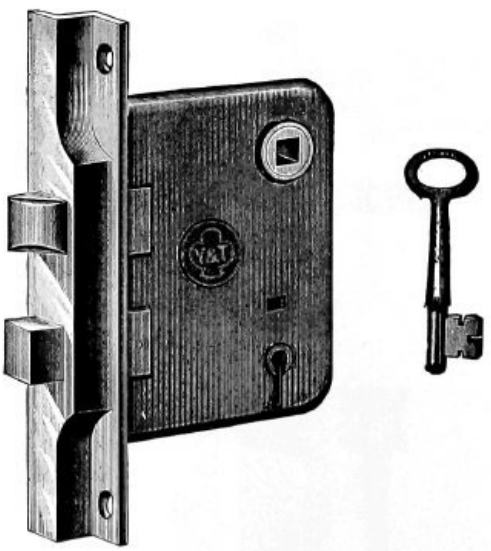
HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 16 LBS. PER DOZEN. TWELVE DOZEN IN A CASE.



Japanned Case.

No. 2730—3½×3 in., bronze plated steel front, strike, bolts and case, 1 tumbler, nickel plated steel key, backset 2½ in., - - - - - - - per dozen **$4.50**

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 10 LBS. PER DOZEN. TWELVE DOZEN IN A CASE.



Japanned Iron Case, Reversible Rabbeted Front, Easy Spring Latch Bolt.

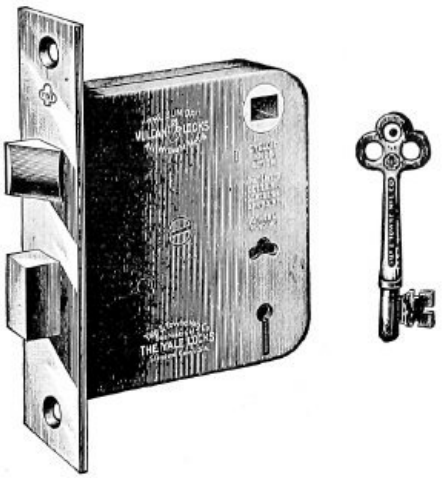
No. 2753—4×3½ in., brass front, strike and bolts, 1 tumbler, nickel plated solid steel key, 24 changes, 5/16 in. triplex spindle, backset 2½ in., - - - per dozen **$22.00**

The above locks are reversible by removing the cap, taking off front, turning over latch bolt and replacing front in reversed position.

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 20 LBS. PER DOZEN.

MORTISE KNOB LOCKS.

Half Size Cuts.



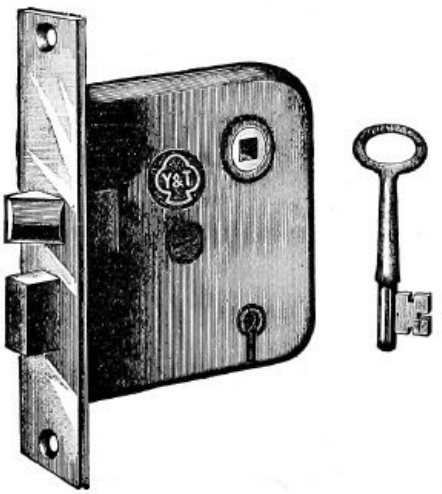
Vulcan Jr., Bronze Plated Steel Case, Easy Spring, Reversible.

No. 3311—3½×3¼ in., lacquered steel front and strike, iron bolts, brass compensating hub, 1 tumbler, nickel plated solid steel key, backset 2⅝ in., spacing 2½ in., per dozen, - - - - - - - - - $4.80

No. P3310—3½×3¼ in., plain bronze plated steel front and strike, iron bolts, brass compensating hub, 1 tumbler, nickel plated solid steel key, backset 2⅝ in., spacing 2½ in., - - - - - - - per dozen 6.80

No. OC3310—3½×3¼ in., polished old copper finish, otherwise same as No. P3310, - - - per dozen 7.50

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 12 LBS. PER DOZEN. TWELVE DOZEN IN A CASE.



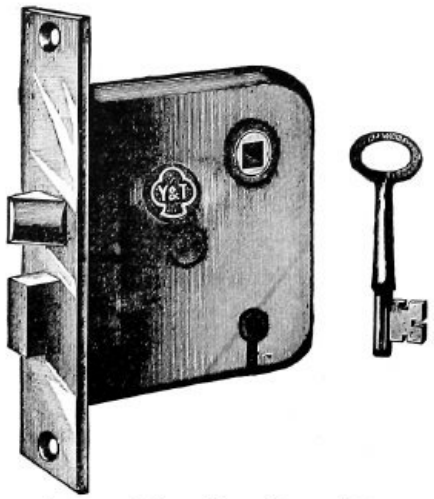
Japanned Iron Case, Reversible.

No. P2614—3½×3¼ in., plain bronze plated steel front, strike and bolts, 1 tumbler, nickel plated solid steel key, backset 2½ in., spacing 2¼ in., - - per dozen $6.00

No. OC2614—3½×3¼ in., polished old copper finish, otherwise same as No. P2614, - - - per dozen 6.60

No. SC2614—3½×3¼ in., sand blast old copper finish, otherwise same as No. P2614, - - per dozen 7.00

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 13 LBS. PER DOZEN. TWELVE DOZEN IN A CASE.



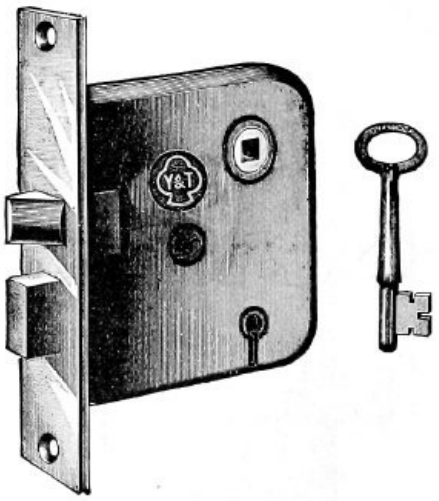
Japanned Iron Case, Reversible.

No. P2615—3½×3¼ in., plain cast bronze metal front, strike and bolts, 1 tumbler, nickel plated solid steel key, backset 2½ in., spacing 2¼ in., - - per dozen $ 9.00

No. OC2615—3½×3¼ in., polished old copper finish, otherwise same as No. P2615, - - - per dozen 10.50

No. SC2615—3½×3¼ in., sand blast old copper finish, otherwise same as No. P2615, - - - per dozen 11.00

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 13 LBS. PER DOZEN. TWELVE DOZEN IN A CASE.



Japanned Iron Case, Easy Spring, Reversible.

No. P2616—3½×3¼ in., plain cast bronze metal front and bolts, wrought bronze metal strike, 1 tumbler, nickel plated solid steel key, backset 2½ in., spacing 2¼ in., per dozen, - - - - - - - - - $11.50

No. OC2616—3½×3¼ in., polished old copper finish, otherwise same as No. P2616, - - - per dozen 13.00

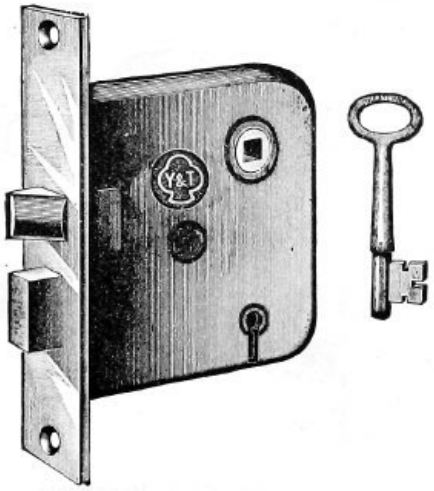
No. SC2616—3½×3¼ in., sand blast old copper finish, other wise same as No. P2616, - - - per dozen 13.75

No. A2616—3½×3¼ in., polished brass front, strike and bolts, otherwise same as No. P2616, - per dozen 11.00

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 13 LBS. PER DOZEN. TWELVE DOZEN IN A CASE.

MORTISE KNOB LOCKS.

Half Size Cuts.



Japanned Iron Case, Easy Spring, Reversible.

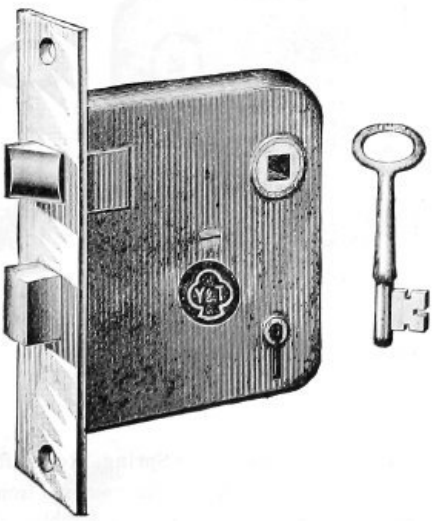
No. P2617—3½×3¼ in., plain cast bronze metal front and bolts, wrought bronze metal strike, 3 tumblers, nickel plated solid steel key, 36 changes, backset 2½ in., spacing 2¼ in., - - - - - per dozen $16.00

No. OC2617—3½×3¼ in., polished old copper finish, otherwise same as No. P2617, - - - per dozen 18.00

No. SC2617—3½×3¼ in., sand blast old copper finish, otherwise same as No. P2617, - - per dozen 18.50

No. A2617—3½×3¼ in., polished brass front, strike and bolts, otherwise same as No. P2617, - per dozen 16.00

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 13 LBS. PER DOZEN. TWELVE DOZEN IN A CASE.



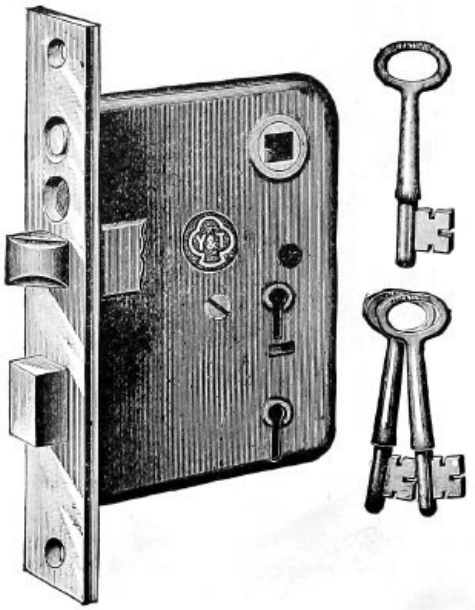
Japanned Iron Case, Easy Spring, Reversible.

No. P2733—4×3¼ in., plain cast bronze metal front, strike and bolts, 1 tumbler, nickel plated solid steel key, 24 changes, backset 2½ in., spacing 2½ in., per dozen $15.00

No. OC2733—4×3¼ in., polished old copper finish, otherwise same as No. P2733, - - - per dozen 16.50

No. SC2733—4×3¼ in., sand blast old copper finish, otherwise same as No. P2733, - - - per dozen 17.50

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 17 LBS. PER DOZEN. TWELVE DOZEN IN A CASE.



Japanned Iron Case, Reversible, One Tumbler.

No. P1842—4¾×3⅝ in., plain cast bronze metal front, strike and bolts, 2 nickel plated solid steel keys to night latch, 1 to lock bolt, 12 changes, backset 2¾ in., spacing 1¾ and 3⅛ in., - - - - - per dozen $24.00

No. OC1842—4¾×3⅝ in., polished old copper finish, otherwise same as No. P1842, - - - per dozen 26.00

No. SC1842—4¾×3⅝ in., sand blast old copper finish, otherwise same as No. P1842, - - per dozen 27.00

No. A1842—4¾×3⅝ in., polished brass front, strike and bolts, otherwise same as No. P1842, - per dozen 24.00

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 18 LBS. PER DOZEN. TWELVE DOZEN IN A CASE.

Japanned Iron Case, Reversible, Three Tumblers.

No. P1843—4¾×3⅝ in., plain cast bronze metal front, strike and bolt, 2 nickel plated solid steel keys to night latch, 1 to lock bolt, 24 changes, backset 2¾ in., spacing 1¾ and 3⅛ in., - - - - per dozen $29.00

No. OC1843—4¾×3⅝ in., polished old copper finish, otherwise same as No. P1843, - - - per dozen 31.00

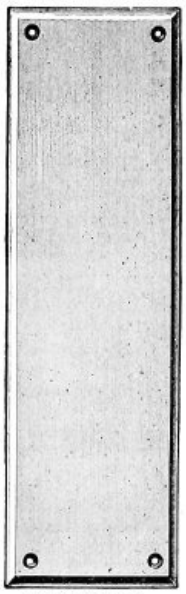
No. SC1843—4¾×3⅝ in., sand blast old copper finish, otherwise same as No. P1843, - - per dozen 32.00

No. A1843—4¾×3⅝ in., polished brass front, strike and bolts, otherwise same as No. P1843, per dozen 29.00

HALF DOZEN IN A BOX, WITH SCREWS. WEIGHT 18 LBS. PER DOZEN.

PUSH PLATES, DOOR PULLS AND ESCUTCHEONS.

PUSH PLATES.



Plain Pattern.

No. P55 —10×3 in., polished wrought bronze metal, w't per doz. 5½ lbs., per dozen..... $ 8.00

No. P55½—12×3½ in., otherwise same as No. P55, w't per doz. 7 lbs., per dozen..... 11.00

No. OC55 —10×3 in., polished old copper finish, wrought bronze metal, w't per doz. 5½ lbs.....per dozen 9.00

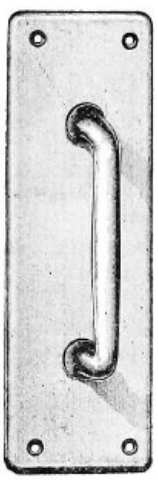
No. OC55½—12×3½ in., otherwise same as No. OC55, w't per doz. 7 lbs., per dozen..... 12.50

No. OC155 —10×3 in., polished old copper finish, bronzed plated steel, w't per doz. 5½ lbs.....per dozen 3.00

No. OC155½—12×3½ in., otherwise same as No. OC155, w't per doz. 7 lbs.....per dozen 4.50

ONE DOZEN IN A BOX.

DOOR PULLS.



Plain Pattern. Size 8x2½ in.

No. P97—Polished wrought bronze metal.....per dozen $13.50

No. OC97—Polished old copper finish wrought bronze metal .....per dozen 15.50

No. SC97—Sand blast old copper finish wrought bronze metal .....per dozen 15.50

HALF DOZEN IN A BOX. WEIGHT 8 LBS.

ESCUTCHEONS.

No. B150.

No. B149.

No. 3 Finish, Wrought Steel.

No. B150—1¾×1⅛ in., small plate, bronze plated, w't per doz. ½ lb.....per dozen $0.60

No. B149—5⅝×1¾ in., bronze plated, spacing 2½ in., for use with Nos. B2303 and B3303 locks, w't per doz. 2½ lbs., per dozen..... 1.40

NO. B150 TWO DOZEN; NO. B149 ONE DOZEN IN A BOX.

Nos. 2800 to B152.

No. B154.

No. 3 Finish, Wrought Steel.

No. 2800—5½×1¾ in., combined, japanned, for 3½ in. locks, spacing 2¼ in., per dozen..... $1.00

No. B151—5½×1¾ in., combined, bronze plated, for 3½ in. locks, spacing 2¼ in., per dozen..... 1.35

No. B152—5½×1¾ in., combined, bronze plated, for 4 in. locks, spacing 2½ in., per dozen..... 1.05

No. B154—7¼×2½ in., combined, bronze plated, for 4¾ in. front door locks, spacing 3¼ in.....per dozen 2.50

NO. 2800, TWO DOZEN; BALANCE, ONE DOZEN IN A BOX. WEIGHTS, 1¾ IN., ½ LB.; 5½ IN., 2½ LBS.; 7¼ IN., 4½ LBS. PER DOZEN.

ESCUTCHEONS.

Nos. OC150 and P50.

Nos. OC151 to P52.

Plain Pattern, Small Plate.

No. OC150—1¾×1⅛ in., wrought steel, old copper finish.....per dozen $0.65

No. P50—1¾×1⅛ in., wrought bronzed metal, polished,.....per dozen .80

TWO DOZEN IN A BOX. WEIGHT ½ LB. PER DOZEN.

Plain Pattern, Combined.

No. OC151—5½×1¾ in., wrought steel, old copper finish, for 3½ in. locks, spacing 2¼ in.....per dozen $1.10

No. OC152—5½×1¾ in., wrought steel, old copper finish, for 4 in. locks, spacing 2½ in.....per dozen 1.20

No. P51—5½×1¾ in., wrought bronze metal, polished, for 3½ in. locks, spacing 2¼ in.....per dozen 3.00

No. P52—5½×1¾ in., wrought bronze metal, polished, for 4 in. locks, spacing 2½ in.....per dozen 3.10

ONE DOZEN IN A BOX, WEIGHT 1¾ LBS. PER DOZEN.

No. P54—7¼×2½ in., wrought bronze metal, for 4¾ in. locks, spacing 3¼ in., per dozen..... $5.25

No. OC54—7¼×2½ in., wrought steel, old copper finish, for 4¾ in. locks, spacing 3½ in.....per dozen $6.00

ONE DOZEN IN A BOX. WEIGHT 4¼ LBS. PER DOZEN.

DOOR KNOBS AND EXTRAS.

DOOR KNOBS.

No. 6210—2¼ in., *rim*, mineral knobs, with japanned necks and rose, per dozen $1.75
No. 6220—2¼ in., *mortise*, mineral knobs, with japanned necks and roses, per dozen 1.75
No. 100—2¼ in. *rim*, mineral knobs, with japanned necks and rose, per dozen 1.80
No. 102—2¼ in. *mortise*, mineral knobs, with japanned necks and roses, per dozen 1.80

HALF DOZEN IN A BOX. AVERAGE WEIGHT ABOUT 11 LBS. PER DOZEN.

No. 6230—2¼ in., *rim*, porcelain knobs, with japanned necks and rose, per dozen $2.00
No. 6240—2¼ in., *mortise*, porcelain knobs, with japanned necks and roses, per dozen 2.00
No. 200—2¼ in., *rim*, porcelain knobs, with japanned necks and rose, per dozen 2.10
No. 202—2¼ in., *mortise*, porcelain knobs, with japanned necks and roses, per dozen 2.10

HALF DOZEN IN A BOX. AVERAGE WEIGHT ABOUT 12 LBS. PER DOZEN.

No. 203—2¼ in., *rim*, jet knobs, with japanned necks and rose. ....per dozen $2.10
No. 205—2¼ in., *mortise*, jet knobs, with japanned necks and roses....per dozen 2.10
No. 0205—2¼ in., *mortise*, jet knobs, with japanned necks without roses, per dozen 2.05

HALF DOZEN IN A BOX. AVERAGE WEIGHT ABOUT 12 LBS. PER DOZEN.

No. 3 Finish.

No. OC38—2¼ in., *rim*, jet knobs, old copper, plated necks and rose, per dozen $3.70
No. B 138—2¼ in., *rim*, jet knobs, walnut bronzed necks and rose.....per dozen 4.50
No. B139—2¼ in., *mortise*, jet knobs, walnut bronzed necks and roses, per dozen 4.50
No. B0139—2¼ in., *mortise*, jet knobs, walnut bronzed necks, without rose, per dozen 4.20

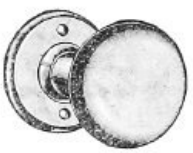
HALF DOZEN IN A BOX. AVERAGE WEIGHT ABOUT 12 LBS. PER DOZEN.

DOOR KNOBS.

Plain.

No. P39—2¼ in., *mortise*, jet knobs, plain bronze plated necks and roses, per dozen 5.00
No. OC39—2¼ in., *mortise*, jet knobs, old copper plated necks and roses, per dozen 5.00
No. OC039—2¼ in., *mortise*, jet knobs, polished old copper plated necks, without roses.....per dozen 4.70

HALF DOZEN IN A BOX. AVERAGE WEIGHT ABOUT 2 LBS. PER DOZEN.



Plain Pattern.

No. OC44—2¼ in., *rim*, old copper plated steel knobs, with rose, per dozen $6.50
No. OC141—2¼ in., mortise, old copper plated iron, with roses.....per dozen 7.50
No. OC0141—2¼ in., mortise, *without roses*, otherwise same as No. OC141, per dozen 6.75
No. P41—2¼ in., mortise, polished wrought bronze metal, with roses, per dozen 9.50
No. P041—2¼ in., mortise, *without roses*, otherwise same as No. P41, per dozen 8.75
No. OC41—2¼ in., mortise, polished old copper plated, wrought bronze metal with roses.....per dozen 11.00
No. OC041—2¼ in., mortise, *without roses*, otherwise same as No. OC41, per dozen 10.00

HALF DOZEN IN A BOX; AVERAGE WEIGHT ABOUT 11 LBS. PER DOZEN.

No. 3 Finish.

No. B141—2¼ in., *mortise*, bronze plated knobs and roses.....per dozen $8.00
No. B0141—2¼ in., *mortise*, bronze plated knobs, without roses.....per dozen 7.25

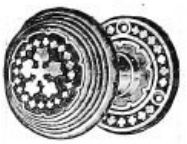
HALF DOZEN IN A BOX, WEIGHT ABOUT 11 LBS. PER DOZEN.

No. 3 Finish.

No. 400—2¼ in., *rim*, bronzed iron, with polished raised surfaces, per dozen $5.75
No. 402—2¼ in., *mortise*, bronzed iron, with polished raised surfaces, per dozen 5.75

HALF DOZEN IN A BOX; AVERAGE WEIGHT ABOUT 11 LBS. PER DOZEN.

DOOR KNOBS.



No. 3 Finish.

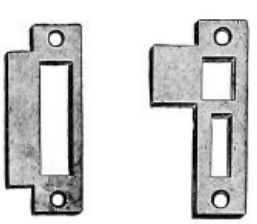
No. B144—2¼ in., *rim*, bronze plated steel knobs, with rose.....per dozen $6.50
No. B137—2¼ in., *mortise*, jet knobs, with bronze plated rose, per dozen..... 3.60

HALF DOZEN IN A BOX. AVERAGE WEIGHT ABOUT 12 LBS. PER DOZEN.

KNOB SPINDLES.

No. 1—$\frac{5}{16}\times3\frac{1}{2}$ in., knob spindles, plain, per dozen..... $0.75
No. 2—$\frac{5}{16}\times4\frac{3}{4}$ in., knob spindles, plain, per dozen..... .75
No. 3—$\frac{5}{16}\times3\frac{1}{2}$ in., triplex knob spindles.....per dozen .75
No. 4—$\frac{5}{16}\times2\frac{1}{2}$ in., closet knob spindles.....per dozen .85
No. 5—$\frac{5}{16}\times4\frac{3}{4}$ in., swivel knob spindles.....per dozen 1.90
No. 6—$\frac{5}{16}\times4\frac{3}{4}$ in., triplex swivel knob spindles.....per dozen 2.40
Knob Screws, blued.....per gross .50
Knob Washers.....per pound .75

LOCK STRIKES.



For Mortise Locks.

No. 101—Lacquered iron, for 3½ in. locks.....per dozen $0.65
No. 116—Brass, for 3½ in. locks, per dozen..... 1.15
No. 117—Brass, for 4 in. locks, per dozen..... 1.15
No. 118—Brass, for 4½ in. locks, per dozen..... 1.90

LOCK SPRINGS.

No. 24—Flat, $\frac{3}{16}$ in. wide, 24 gauge, in coils of 3 ft. each.....per dozen coils $0.90

ONE DOZEN COILS IN A BOX.

DOOR KEYS AND KEY BLANKS.

MALLEABLE IRON DOOR KEYS.

No. 41—Tinned, assorted rim...per gross $3.50
Specially adapted for Nos. 3200 and 3800 locks.

No. 42—Tinned, for No. 1241 locks, per gross..... $3.50

No. 46—Tinned, for locks Nos. 1884, 2301, 1885, 3301, 2211, 3211, 1211, 1221.....per gross $3.50

No. 44—Tinned, for No. 2611 locks, per gross..... $3.00
No. 47—Tinned, assorted, mortise, per gross..... 3.50

No. 45—Tinned, for Nos. 2321 and 2331 locks.....per gross $3.00

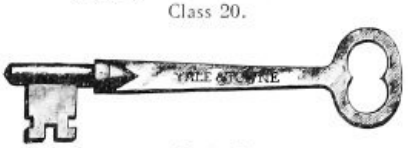
No. 48—Tinned, skeleton, rim...per gross $3.50
No 49—Brass plated, assorted rim and mortise, skeleton.....per gross 3.50
ONE-QUARTER GROSS IN A BOX.

NICKEL PLATED STEEL DOOR KEYS.

No. 130—WACHTER, steel, thin bit, nickel plated, will fit most cheap rim and mortise locks without filing..per gross $18.00
ONE-QUARTER GROSS IN A BOX

NICKEL PLATED STEEL DOOR KEYS.

Class 20.



Class 13.

Classes 11 and 12.

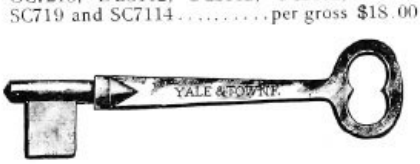
No. 020—Assorted, cuts and classes 11, 12, 13 and 20.....per gross $24.00

STEEL KEY BLANKS.

No. 11—Nickel plated, for *rim* locks Nos. 982, 2362, 2303, 2212, 2213, 1886 0321½, 3212, 3213 and 1222, per gross $18.00

No. 12—Nickel plated, for *rim* locks Nos. 2322, 2323, 3322, 3323, 2342, 2343, 3342 and 3343.....per gross $18.00

No. 20—Nickel plated, for locks Nos. 1040, 2612, 2723, 2733, 2743, 1090, OC729, A729, OC295, OC7214, OC7215, DB3112, OC3112, OC2912, SC719 and SC7114.....per gross $18.00

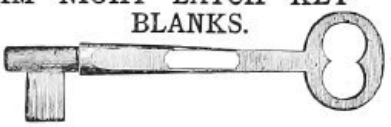


No. 13—For locks Nos. 2232, 2233, 3333, 1242 and 1252.....per gross $27.00

No. 21—For Vulcan Jr., steel cased locks, per gross.....$18.00

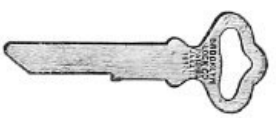
No. 22—For Barrons lock sets, per gross $18.00
ONE-QUARTER GROSS IN A BOX.

RIM NIGHT LATCH KEY BLANKS.



No. 1—For latches No. 1122....per gross $18.00

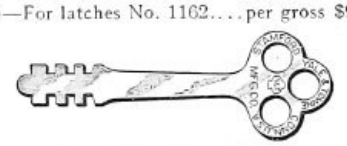
No. 03—For latches Nos. 1172 and 72, per gross..... $9.00



No. 04—For latches No. 52.....per gross $9.00

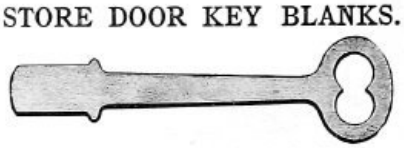
No. 4½—For latches No. 1152...per gross $9.00

No. 5—For latches No. 1162....per gross $9.00

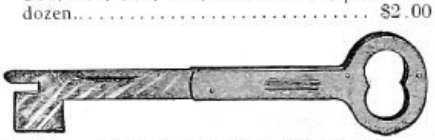


No. 7—For latches Nos. 015 and 2513, per gross..... $12.00
ONE-QUARTER GROSS IN A BOX.

STORE DOOR KEY BLANKS.



No. 18—Store door, steel, for locks Nos. B91, P91, B92, P92, P93 and P94, per dozen..... $2.00



No. 14 —Steel, or store door dead locks No. 1312.....per dozen $4.00
No. 15 —Steel, for store door dead locks No. 1322.....per dozen 4.00
No. 15½—Steel, for store door dead locks, Nos. 1332 and 1342.....per dozen 4.00
THREE DOZEN IN A BOX.

KEY ASSORTMENTS.

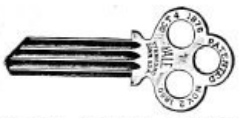
No. 108—Consists of one gross assorted rim, mortise, till, trunk and pad lock keys, w't 5¼ lbs.....per assortment **$4.00**

KEY BLANKS AND KEYS.

Two-Third Size Cuts.

KEY BLANKS.

No. 2—For cupboard locks larger than 1 in.....per dozen $0.30
No. 3—For *rim* (except large store door), drawer and dust locks, and cupboard locks with 1 in. nose.....per dozen .30
No. 4—For large doors and chest locks, per dozen..... .30



No. 6—Corrugated, for rim and mortise locks, latches and Nos. A43 and S43 padlocks.....per dozen $1.00
No. 16—Corrugated, for rim latches No. 22, and padlocks Nos. A53 and S53, and night latches No. 25.....per dozen 1.00

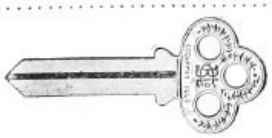
No. 17—Corrugated, for rim latches No. 25½ and locks Nos. 722 and 722½, per dozen..... $1.00

No 10Y—Paracentric, German silver, for Nos 5551 and 5513 cupboard, 5101 to 5103 drawer, etc.. .....per dozen $2.00

No. 8—Paracentric, German silver, for rim and mortise locks and latches, drawer, cupboard, desk and chest locks.....per dozen $2.00

No. 9—Paracentric, German silver, for 563, etc., drawer locks.....per dozen $2.00

No. 51—For standard cabinet locks and 853 and 8053 padlocks, with ¾ in nose, per dozen..... $1.00
No. 52—For standard cabinet locks, 863 and 8063 padlocks, with 1 in. nose, per dozen..... 1.00



No. 29—German silver, for Barrows' cylinder locks.....per dozen $2.00
SIX DOZEN IN A BOX.

PADLOCK KEY BLANKS.

No. 110—For Nos. 1 and 10 Champion padlocks.....per gross $4.20
HALF GROSS IN A BOX.

TRUNK KEY BLANKS.

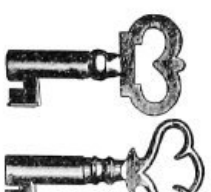
No. 99½—Steel, for No. 99½ trunk locks, per gross..... $2.40
HALF GROSS IN A BOX.

TRUNK KEYS.

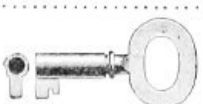
No. 412—STAR, flat steel assorted, per gross..... $1.25
HALF GROSS IN A BOX.

No. 401—STAR, flat steel, assorted, per gross..... $1.25
HALF GROSS IN A BOX.

No. 65—Steel, assorted sizes....per gross $1.25
HALF GROSS IN A BOX.



No. 60—Assorted sizes and key bows, per gross..... $3.75



No. 178—For No. 199 trunk locks, per gross..... $4.80
HALF GROSS IN A BOX.

BAG KEYS.

No. 50—Assorted sizes and key bows, per gross..... $3.00
HALF GROSS IN A BOX.

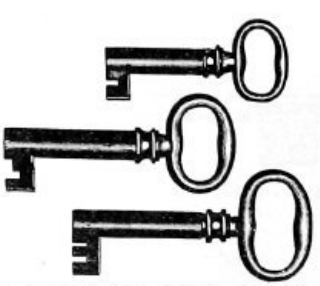
PADLOCK KEYS.

No. 40—Assorted, Nos. 0000 to 4, per gross..... $3.00
No. 42—Assorted, Nos. 000 to 6, per gross..... 3.75
HALF GROSS IN A BOX.

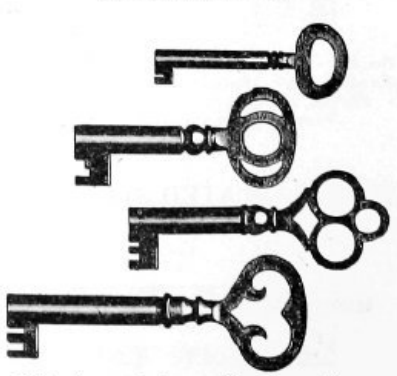
TILL KEYS.

No. 10T—Assorted sizes and key bows, large.....per gross $3.75
No. 12 —One size, small..... " 2.10
HALF GROSS IN A BOX.

CUPBOARD KEYS.



No. 30—Assorted sizes, for 160, 163, 165, 166, 168 and 169 chest locks, per gross $3.75
HALF GROSS IN A BOX.



No. 200—Assorted sizes and key bows, for 508, 509, 510 and 510½ wardrobe locks, per gross..... $3.75
HALF GROSS IN A BOX.

COMPARATIVE LIST OF LOCK SETS AND TRIMMINGS.

OLD.	NEW.	PAGE.
32	Drop	
33	"	
34	"	
57	"	
75	"	
175	"	
4000	"	
AC32	A B7322	380
AC33	A B7324	380
AC34	A B7326	380
AC55	A B7355	380
AC57	A B7357	380
AC63	A B7363	380
AC75	A B7314	380
AC175	A B7315	380
AC240	A B7366	380
AC1375	A B7318	380
AC1475	A B7319	380
AC4000	A B739	380
AP32	A B2321	360
AP33	A B2323	360
AP34	A B2325	360
AP75	A B2312	360
AP141	A B2341	360
AP155	A B2356	360
AP157	A B2358	360
AP163	A B2364	360
AP240	A B2365	360
AP1500	A B235	360
AS32	A B7422	381
AS33	A B7424	381
AS34	A B7426	381
AS55	A B7455	381
AS57	A B7457	381
AS63	A B7463	381
AS75	A B7414	381
AS240	A B7466	381
AS1375	A B7418	381
AS1475	A B7419	381
AS4000	A B749	381
AU32	A B2121	358
AU33	A B2123	358
AU34	A B2125	358
AU75	A B2112	358
AU141	A B2141	358
AU155	A B2156	358
AU157	A B2158	358
AU163	A B2164	358
AU240	A B2165	358
AU1500	A B215	358
B11	B1028	355
B11½	B1027	355
B32	B1021	355
B33	B1023	355
B34	B1025	355
B75	B1012	355
B322	Drop	
B332	"	
B342	"	
B752	"	
B1050	B101	355
B1051	B102	355
B1052	Drop	
B1500	B105	355
B1501	B106	355
B1502	Drop	
BH32	A7222	379
BH33	A7224	379
BH34	A7226	379
BH42	A7242	379
BH55	A7255	379
BH57	A7257	379
BH63	A7263	379
BH75	A7214	379
BH175	A7215	379
BH240	A7266	379
BH1375	A7218	379
BH1475	A7219	379
BH4000	A729	379
BH4003	Drop	
CA32	"	
CA33	"	
CA34	"	
CA75	"	
CA155	"	
CA157	Drop	
CA163	"	
CA1375	"	
CA1500	"	
CB32	SC9122	387
CB33	SC9124	387
CB34	SC9126	387
CB41	SC9142	387
CB55	SC9155	387
CB57	SC9157	387
CB63	SC9163	387
CB75	SC9114	387
CB175	Drop	
CB240	SC9166	387
CB1375	SC9118	387
CB1475	SC9119	387
CB4000	SC919	387
CC32	OC7322	380
CC33	OC7324	380
CC34	OC7326	380
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CD33	SC9424	389
CD34	SC9426	389
CD41	SC9442	389
CD55	SC9455	389
CD57	SC9457	389
CD63	SC9463	389
CD75	SC9414	389
CD240	SC9466	389
CD1375	SC9418	389
CD1475	SC9419	389
CD4000	SC949	389
CE32	OC2821	364
CE33	OC2823	364
CE34	OC2825	364
CE75	OC2812	364
CE155	OC2856	364
CE157	OC2858	364
CE163	OC2864	364
CE1500	OC285	364
CG32	OC5121	371
CG33	OC5123	371
CG34	OC5125	371
CG75	OC5112	371
CG141	OC5141	371
CG155	OC5156	371
CG157	OC5158	371
CG163	OC5164	371
CG1500	OC515	371
CG01375	OC5116	371
CH32	OC7222	379
CH33	OC7224	379
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CH4003	Drop	
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CN34	"	
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CN155	"	
CN157	"	
CN163	"	
CN1500	"	
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CP33	OC2323	360
CP34	OC2325	360
CP75	OC2312	360
CP141	OC2341	360
CP155	OC2356	360
CP157	OC2358	360
CP163	OC2364	360
CP240	OC2365	360
CP1500	OC235	360
CS32	OC7422	381
CS33	OC7424	381
CS34	OC7426	381
CS55	OC7455	381
CS57	OC7457	381
CS63	OC7463	381
CS75	OC7414	381
CS240	OC7466	381
CS1375	OC7418	381
CS1475	OC7419	381
CS4000	OC749	381
CT32	SC5221	372
CT33	SC5223	372
CT34	SC5225	372
CT75	SC5212	372
CT155	SC5256	372
CT157	SC5258	372
CT163	SC5264	372
CT1500	SC525	372
CU32	OC2121	358
CU33	OC2123	358
CU34	OC2125	358
CU75	OC2112	358
CU141	OC2141	358
CU155	OC2156	358
CU157	OC2158	358
CU163	OC2164	358
CU240	OC2165	358
CU1500	OC215	358
CW32	OC2421	361
CW33	OC2423	361
CW34	OC2425	361
CW75 Ov.	OC2512	361
CW75 Rd.	OC2412	361
CW141	OC2441	361
CW155	OC2456	361
CW163	OC2464	361
CW175	Drop	
CW1500 Ov	OC255	361
CW1500 Rd	OC245	361
CY32	OC3121	366
CY33	OC3123	366
CY34	OC3125	366
CY75	OC3112	366
CY155	OC3156	366
CY157	OC3158	366
CY163	OC3164	366
CY240	OC3165	366
CY1500	OC315	366
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DC1375	DB7318	380
DC1475	DB7319	380
DC4000	DB739	380
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DE75	DB2812	364
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DE157	DB2858	364
DE163	DB2864	364
DE1500	DB285	364
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DU155	DB2156	358
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DU163	DB2164	358
DU240	DB2165	358
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DY163	DB3164	366
DY240	DB3165	366
DY1500	DB315	366
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F75	F1312	357
F141	F1341	357
F155	F1356	357
F157	F1358	357
F163	F1364	357
F175	Drop	
F1375	F1318	357
F1475	F1319	357
F1500	F135	357
F1501	F136	357
M1825	N1825	356
N825	NS25	356
OC11	OC1228	356
OC11½	OC1227	356
OC32	OC7022	377
OC33	OC7024	377
OC34	OC7026	377
OC75	OC7014	377
OC175	Drop	
OC321	OC1221	356
OC331	OC1223	356
OC341	OC1225	356
OC751	OC1212	356
OC1050	OC121	356
OC1051	OC122	356
OC1052	Drop	
OC1375	OC7018	377
OC1475	OC7019	377
OC1500	OC125	356
OC1501	OC126	356
OC1502	Drop	
OC2002	"	
OC2500	OC1220	356
OC4000	OC709	377
OC4004	Drop	
P32	P7022	377
P33	P7024	377
P34	P7026	377
P75	P7014	377
P175	Drop	
P1375	P7018	377
P1475	P7019	377
P4000	P709	377
PA32	OC2221	359
PA33	OC2223	359
PA34	OC2225	359
PA55	OC2256	359
PA57	OC2258	359
PA75	OC2212	359
PA141	OC2241	359
PA163	OC2264	359
PA1050	OC221	359
PA1500	OC225	359
PA4000	Drop	
PU32	P2121	358
PU33	P2123	358
PU34	P2125	358
PU75	P2112	358
PU141	P2141	358
PU155	P2156	358
PU157	P2158	358
PU163	P2164	358
PU240	P2165	358
PU1500	P215	358
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SA75	SC2212	359
SA141	SC2241	359
SA155	SC2256	359
SA157	SC2258	359
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SA175	Drop	
SA1050	SC221	359
SA1500	SC225	359
SB32	SC9322	388
SB33	SC9324	388
SB34	SC9326	388
SB41	SC9342	388
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SB4000	SC939	388
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SF33	SC2723	363
SF34	SC2725	363
SF75	SC2712	363
SF155	SC2756	363
SF163	SC2764	363
SF1500	SC275	363
SL32	OC2921	365
SL33	OC2923	365
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SL75	OC2912	365
SL142	OC2941	365
SL155	OC2956	365
SL157	OC2958	365
SL163	OC2964	365
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SO141	OC2641	362
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SO157	OC2658	362
SO163	OC2664	362
SO175	OC2613	362
SO1500	OC265	362
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WA42	SC7142	378
WA55	SC7155	378
WA57	SC7157	378
WA63	SC7163	378
WA75	SC7114	378
WA175	Drop	
WA753	Drop	
WA1375	SC7118	378
WA1475	SC7119	378
WA1753	Drop	
WA4000	SC719	378
WA4003	Drop	
WA4004	"	

MORTISE LOCK SETS.

WROUGHT STEEL.

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Gordon Design....page 359
Puritan Design....page 360
Oval Beaded Design....page 361
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Farmington Design....page 363
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Lydian Design....page 365
Nubian Design....page 366
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Geneva Design....page 371
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Plain Design....page 377
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Hellenian Design....page 379
Clinton Design....page 380
St. Julien Design....page 381
Stratford Design....page 382
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CAST BRONZE.

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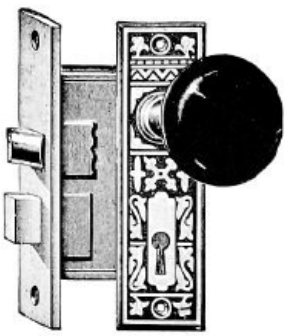
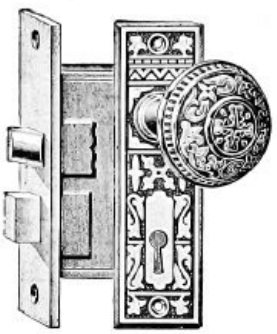
ORNAMENTAL LOCK SETS.

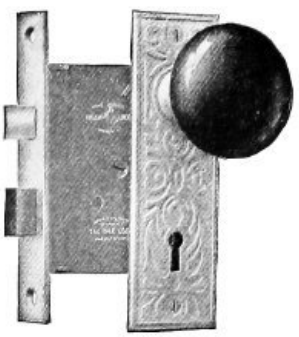
NO. 3 FINISH ORNAMENTATION—WROUGHT STEEL.



No. 101 Inside Door Set.

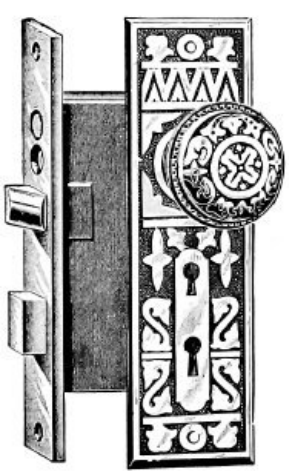


No. 105 Inside Door Set.



No. 102 Inside Door Set.

No. 106 Inside Door Set.



No. 1012 Front Door Set

No. 1027 Sliding Door Latch.

No. 1021 Sliding Door Set.

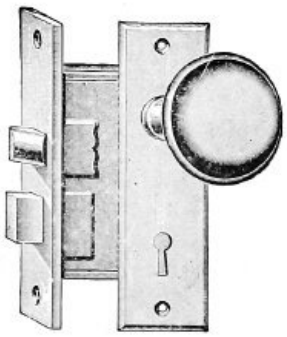
No. 3 Finish	Bronze Plated Front, Strike and Bolts.	
No. B101	INSIDE LOCK SETS, 3½×3¼ in., *japanned iron case*, 2 escutcheons 5½×1¾ in., 2¼ in. *jet knobs*, steel key, w't per doz. sets 21 lbs. ..... per dozen sets	$ 9.00
No. B105	INSIDE LOCK SETS, with 2¼ in. *bronze plated wrought steel knobs*, otherwise same as No. 101, w't per doz. sets 19½ lbs., per dozen sets	11.00
No. B102	INSIDE LOCK SETS, 3⅝×3¼ in., *Vulcan Jr. polished steel case*, 2 escutcheons 5⅜×1¾ in., 2¼ in. *jet knobs*, triplex spindle, steel key, w't per doz. sets 27 lbs. ..... per dozen sets	10.00
No. B106	INSIDE LOCK SETS, with 2¼ in. *bronze plated steel knobs*, otherwise same as No. 102, w't per doz. sets 23 lbs. ..... " " "	12.00
No. B1012	FRONT DOOR LOCK SETS, 5×3½ in., japanned iron case, outside escutcheon 8×2½ in., inside plate escutcheon 1¾×1⅛ in., 2¼ in. bronze plated steel knobs, swivel spindle, 2 latch keys, 1 dead bolt key, w't 3 lbs. ..... per set	2.75
No. B1021	SLIDING DOOR LOCK SETS, 5×3½ in., 2 flush cup escutcheons 6×2⅛ in., *for single doors*, w't 1¾ lbs. ..... "	2.40
No. B1023	SLIDING DOOR LOCK SETS, 5×3½ in., *flat front*, 4 flush cup escutcheons 6×2⅛ in., *for double doors*, w't 3½ lbs. ..... "	3.50
No. B1025	SLIDING DOOR LOCK SETS, 5×3½ in., *astragal front*, otherwise same as No. 1023, w't 3¾ lbs. ..... "	4.40
No. B1027	SLIDING DOOR LATCHES, 3½x2⅞ in., japanned iron case, 2 flush cup escutcheons 3⅝×2 in., *for single doors*, w't 1½ lbs., per set	1.50
No. B1028	SLIDING DOOR LATCHES, 3½x2⅞ in., 4 escutcheons, *for double doors*, otherwise same as No. 1027, w't 2 lbs. ..... per set	2.00

ONE SET IN A BOX, WITH SCREWS.

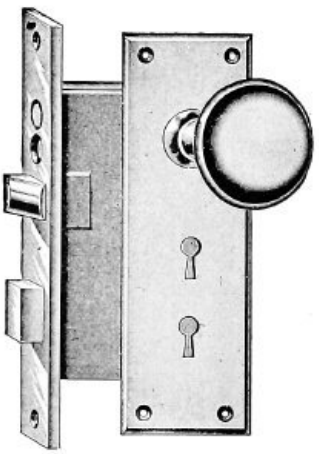
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

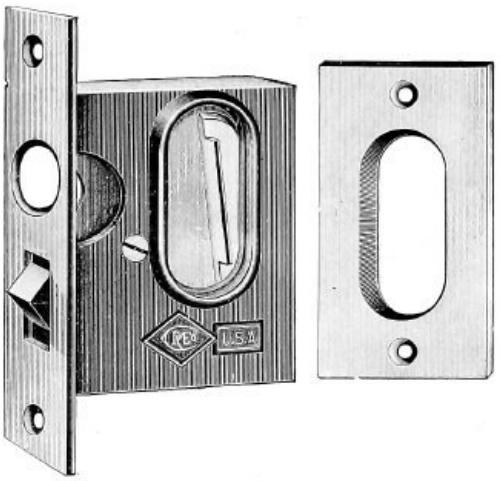
PLAIN DESIGN—WROUGHT STEEL.



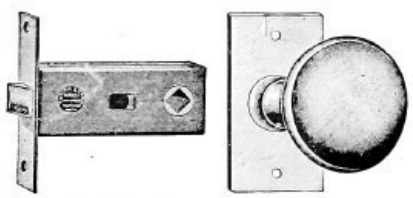
No. 125 Inside Door Set.



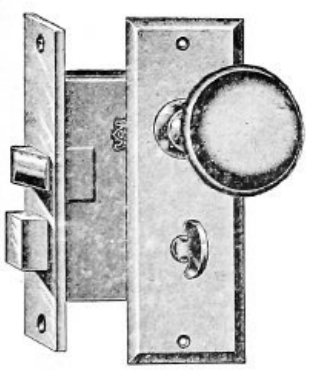
No. 1212 Front Door Set.



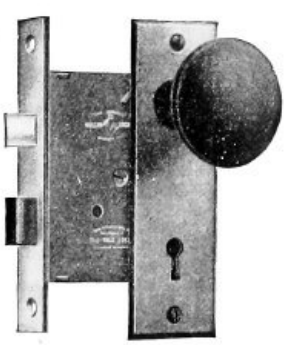
No. 1227 Sliding Door Latch Set.



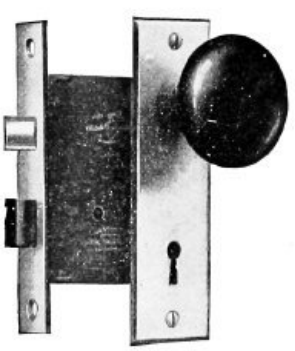
No. 1220 Mortise Latch Set.



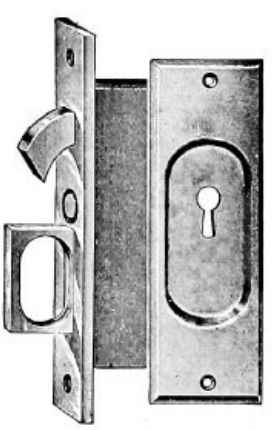
No. 1825 Bath Room Set.



No. 126 Inside Door Set.



No. 122 Inside Door Set.



No. 1221 Sliding Door Set.

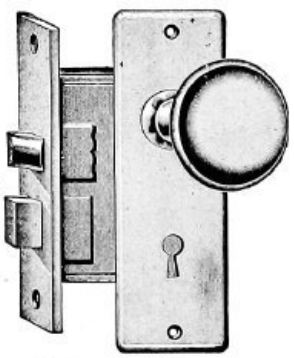
Polished Old Copper	Bronze Plated Front, Strike and Bolts, (except Nos. N1825 and N825).	
No. OC121	INSIDE LOCK SETS, $3\frac{5}{8}\times3\frac{1}{8}$ in., *japanned iron case*, backset $2\frac{1}{4}$ in., 2 escutcheons $5\frac{1}{2}\times1\frac{3}{4}$ in., $2\frac{1}{4}$ in. *jet knobs*, steel key, w't per doz. sets 25 lbs. ..... per dozen sets	$10.00
No. OC122	INSIDE LOCK SETS, $3\frac{1}{2}\times3\frac{1}{4}$ in. *Vulcan steel case, triplex spindle*, backset $2\frac{1}{2}$ in., otherwise same as No. 121, w't per doz. sets $21\frac{1}{2}$ lbs. ..... per dozen sets	11.50
No. OC125	INSIDE LOCK SETS, $3\frac{5}{8}$x$3\frac{1}{8}$ in., *japanned iron case*, backset $2\frac{1}{4}$ in., 2 escutcheons $5\frac{1}{2}\times1\frac{3}{4}$ in., $2\frac{1}{4}$ in. *bronze plated steel knobs*, steel key, w't per doz. sets $23\frac{1}{2}$ lbs. ..... per dozen sets	13.00
No. OC126	INSIDE LOCK SETS, $3\frac{1}{2}$x$3\frac{1}{4}$ in., *japanned Vulcan steel case, triplex spindle*, backset $2\frac{1}{2}$ in., otherwise same as No. 125, w't per doz. sets 20 lbs. ..... per dozen sets	14.50
No. OC1212	FRONT DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., *japanned iron case*, backset $2\frac{5}{8}$ in., outside escutcheon $7\times2\frac{1}{4}$ in., inside escutcheon $1\frac{3}{4}\times1$ in., $2\frac{1}{4}$ in. steel knobs, swivel spindle, 2 latch keys, 1 dead bolt key, w't 3 lbs. ..... per set	3.00
No. OC1220	MORTISE LATCH SETS, $3\times1\frac{1}{4}$ in. steel case, 2 escutcheons $2\frac{7}{8}\times1\frac{1}{2}$ in., $2\frac{1}{4}$ in. steel knobs, w't per doz. sets $11\frac{1}{4}$ lbs., per dozen sets	12.00
No. OC1221	SLIDING DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., *japanned iron case*, backset, 2 in., 2 flush cup escutcheons 6×2 in., *for single doors*, w't $1\frac{3}{4}$ lbs. ..... per set	3.00
No. OC1223	SLIDING DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., *japanned iron case, flat front*, backset 2 in., 4 flush cup escutcheons 6×2 in., *for double doors*, w't $3\frac{3}{4}$ lbs. ..... per set	4.00
No. OC1225	SLIDING DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., *astragal front*, otherwise same as No. 1223, w't 4 lbs. ..... "	5.00
No. OC1227	SLIDING DOOR LATCH SETS, $3\times3\frac{1}{2}$ in., iron strike and bolt, $2\times3\frac{1}{2}$ in. escutcheons, *for single doors*, w't $1\frac{3}{4}$ lbs. ..... "	2.00
No. OC1228	SLIDING DOOR LATCH SETS, *for double doors*, otherwise same as No. 1227, w't $2\frac{1}{2}$ lbs. ..... "	2.75
No. N1825	BATH ROOM DOOR SETS, $3\frac{3}{4}$x$3\frac{1}{4}$ in., japanned iron case, backset $2\frac{3}{8}$ in., *nickel plated steel front and strike*, nickel plated iron bolts, thumb knob, with one 6x2 in. nickel plated steel escutcheon, one $2\frac{1}{4}$ in. knob, w't per doz. sets 21 lbs. per dozen sets	16.50
No. N825	BATH ROOM DOOR SETS, nickel plated bronze, otherwise same as No. N1825 ..... per dozen sets	20.90

ONE SET IN A BOX, WITH SCREWS.

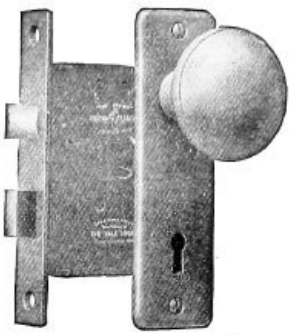
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

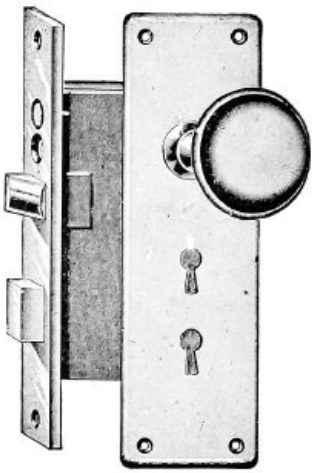
PLAIN DESIGN—BOWER-BARFF STEEL.



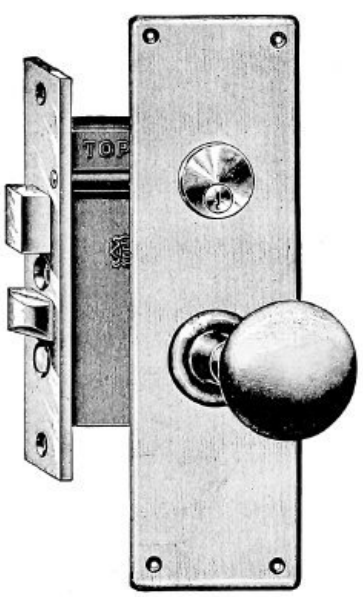
No. 135 Inside Door Set.



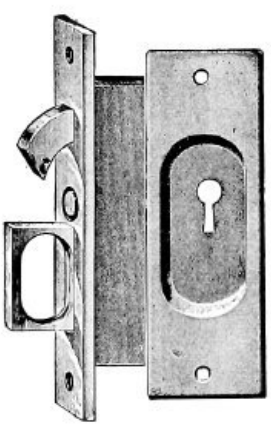
No. 136 Inside Door Set.



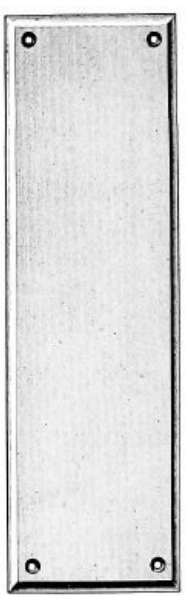
No. 1312 Front Door Set.



No. 1318 Front Door Set.



No. 1321 Sliding Door Set.



No. 1356 Push Plate.

No. 1358 Push Button

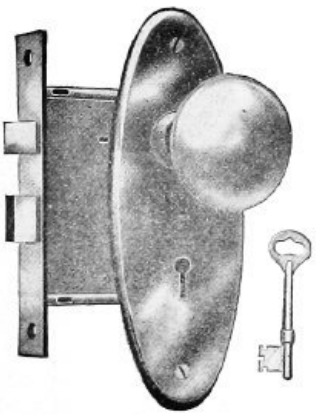
No. 1364 Flush Sash Lift.

Bower-Barff Finish	Japanned Iron Case, except No. F136, Bower-Barff Steel Front and Strike, Bronze Bolts.		
No. F135	INSIDE LOCK SETS, 3½×3¼ in., backset 2¼ in., 2 escutcheons, 6×2 in., 2¼ in. knobs, steel key, w't per doz. sets 24½ lbs., per dozen sets		$21.00
No. F136	INSIDE LOCK SETS, 3⅝×3¼ in., Vulcan Jr. steel case, backset 2½ in., 2 escutcheons 6×2 in., 2¼ in. knobs, compensating hub, triplex spindle, steel key, w't per doz. sets 21 lbs.	per dozen sets	22.00
No. F1312	FRONT DOOR LOCK SETS, 5×3½ in., backset 2⅝ in., inside escutcheon 1½×1 in., outside escutcheon 7×2¼ in., 2¼ in. knobs, swivel spindle, 2 night latch keys, 1 dead bolt key, w't 3 lbs.	per set	3.60
No. F1318	FRONT DOOR LOCK SETS, 5×3½ in., *with cylinder*, adjustable for 1¾ to 2¼ in. doors, backset 2½ in., outside escutcheon 10×2¾ in., inside escutcheon 6×2 in., 2¼ in. knobs, swivel spindle, 3 German silver keys, w't 4½ lbs.	per set	13.00
No. F1319	FRONT DOOR AND VESTIBULE SETS, 5×3½ in., vestibule latch, outside escutcheon 10×2¾ in., inside escutcheon 7¼×2¼ in., otherwise same as No. 1318, complete with No. 1318 front door set, w't 11 lbs.	per set	21.00
No. F1321	SLIDING DOOR LOCK SETS, 5×3½ in., backset 2 in., 2 escutcheons 6×2 in., *for single doors*, w't 3 lbs.	"	2.70
No. F1323	SLIDING DOOR LOCK SETS, 5×3½ in., *flat front*, backset 2 in., 4 escutcheons 6×2 in., *for double doors*, w't 3½ lbs.	"	3.75
No. F1325	SLIDING DOOR LOCK SETS, *astragal front*, otherwise same as No. 1323, w't 3¾ lbs.	"	4.75
	ONE SET IN A BOX, WITH SCREWS.		
No. F1341	DOOR KNOBS, with roses, 2¼ in., w't per doz. 10 lbs.	per dozen	$11.00
No. F1364	FLUSH SASH LIFTS, 3¼×1½ in., w't per doz. 1 lb.	"	1.20
No. F1356	PUSH PLATES, 10×2¾ in., w't per doz. 7 lbs.	"	10.00
No. F1358	PUSH BUTTONS, 2½ in., w't per doz. 3 lbs.	"	9.00
	DOOR KNOBS AND PUSH BUTTONS, HALF DOZEN; PUSH PLATES AND SASH LIFTS, ONE DOZEN IN A BOX.		

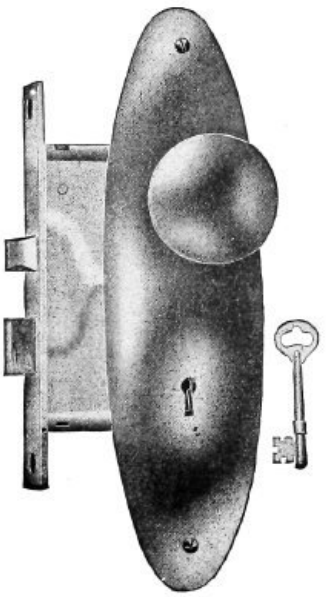
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

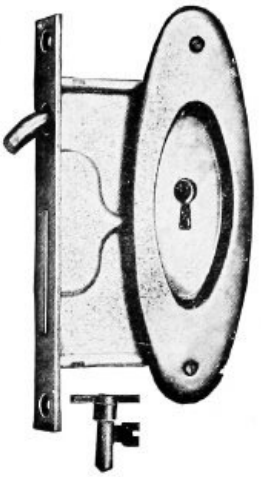
NORFOLK DESIGN—WROUGHT STEEL.



No. 215 Inside Door Set.



No. 2112 Front Door Set.



No. 2121 Sliding Door Set.

No. 2156 Push Plate.

No. 2164 Flush Sash Lift.

No. 2165 Drop Drawer Pull.

No. 2141 Door Knob.

No. 2158 Push Button.

Plain Bronze	Old Copper	Dull Brass	Shaded Antique Brass	Reversible Steel Case Locks, Plated Steel Fronts, Strikes and Bolts.	
No. P215	No. OC215	No. DB215	No. AB215	INSIDE LOCK SETS, 3¾ ×3¼ in., backset 2½ in., 2 escutcheons 7×2½ in., 2¼ in. *one-piece* knobs, 1 steel key, w't per doz. sets 21 lbs. ..... per dozen sets	$13.50
No. P2112	No. OC2112	No. DB2112	No. AB2112	FRONT DOOR LOCK SETS, 5×3⅜ in., backset 2⅝ in., outside escutcheon 10¼×3⅛ in., inside escutcheon 2⅜× 1¼ in., 2¼ in. *one-piece* knobs, 2 latch keys, 1 dead bolt key, w't 2½ lbs., per set	3.60
No. P2121	No. OC2121	No. DB2121	No. AB2121	SLIDING DOOR LOCK SETS, 5×3⅜ in., flat front, backset 2⅜ in., 2 cup escutcheons 7×2½ in., *for single doors*, w't 1½ lbs. . . per set	2.50
No. P2123	No. OC2123	No. DB2123	No. AB2123	SLIDING DOOR LOCK SETS, 5×3⅜ in., *flat front*, backset 2⅜ in., 4 cup escutcheons 7×2½ in., *for double doors*, w't 2¾ lbs. . . per set	3.50
No. P2125	No. OC2125	No. DB2125	No. AB2125	SLIDING DOOR LOCK SETS, 5×3⅜ in., *astragal front*, otherwise same as No. 2123, w't 3 lbs. ..... per set	4.00
				ONE SET IN A BOX, WITH SCREWS.	
No. P2141	No. OC2141	No. DB2141	No. AB2141	DOOR KNOBS, 2¼ in., with roses, w't per doz. 8½ lbs. ....per dozen	$0.50
No. P2164	No. OC2164	No. DB2164	No. AB2164	FLUSH SASH LIFTS, 3⅞×1⅝ in., w't per doz. ¾ lb. ..... "	1.25
No. P2165	No. OC2165	No. DB2165	No. AB2165	DROP DRAWER PULLS, 3¾×1⅝ in., w't per doz. 2½ lbs... "	6.00
No. P2156	No. OC2156	No. DB2156	No. AB2156	PUSH PLATES, 10¼×3¼ in. w't per doz. 4½ lbs. ..... "	7.00
No. P2158	No. OC2158	No. DB2158	No. AB2158	PUSH BUTTONS, 5×2¼ in., w't per doz. 2 lbs. ..... "	7.50

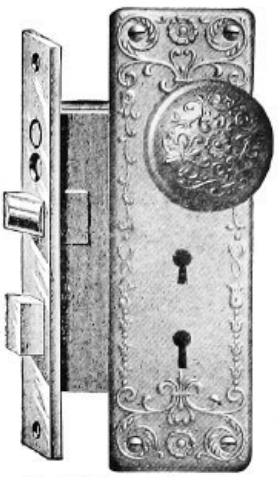
PUSH PLATES, ONE-QUARTER DOZEN; FLUSH SASH LIFTS, THREE DOZEN; DROP DRAWER PULLS AND PUSH BUTTONS, ONE DOZEN; DOOR KNOBS, HALF DOZEN IN A BOX.

FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

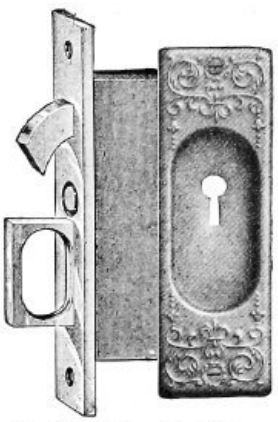
LOCK SETS AND TRIMMINGS.

GORDON DESIGN—WROUGHT STEEL.

No. 225 Inside Door Set.



No. 2212 Front Door Set.



No. 2221 Sliding Door Set.

No. 2256 Push Plate.

No. 2241 Door Knob.

No. 2264 Flush Sash Lift.

No. 2258 Push Button.

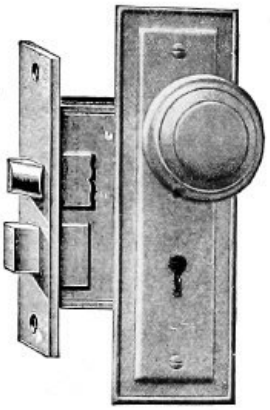
Old Copper Finish	Sand Blast Old Copper	Japanned Iron Case, Bronze Plated Steel Front, Strike and Bolts.	
No. OC221	**No. SC221**	INSIDE LOCK SETS, 3¾×3⅛ in., backset 2¼ in., 2 escutcheons 6×2 in., 2¼ in. *jet knobs*, steel key, w't per doz. sets 24 lbs ..... per dozen sets	$13.00
No. OC225	**No. SC225**	INSIDE LOCK SETS, 3¾×3⅛ in., backset, 2¼ in., 2 escutcheons 6×2 in., *bronze plated steel knobs*, steel key, w't per doz. sets 24 lbs ..... per dozen sets	15.00
No. OC2212	**No. SC2212**	FRONT DOOR LOCK SETS, 5×3½ in., backset 2⅝ in., outside escutcheon 8×2½ in., inside key plate 1¾×1 in., 2¼ in. bronze plated steel knobs, swivel spindle, 2 latch keys, 1 dead bolt key, w't 3 lbs ..... per set	3.30
No. OC2221	**No. SC2221**	SLIDING DOOR LOCK SETS, 5×3½ in., backset 2 in., 2 flush cup escutcheons 6×2 in., *for single doors*, w't 2 lbs ..... per set	2.40
No. OC2223	**No. SC2223**	SLIDING DOOR LOCK SETS, 5×3½ in., *flat front*, backset 2 in., 4 flush cup escutcheons 6×2 in., *for double doors*, w't 3¼ lbs. ..... per set	3.60
No. OC2225	**No. SC2225**	SLIDING DOOR LOCK SETS, 5×3½ in., *astragal front*, otherwise same as No. 2223, w't 3¾ lbs. ..... "	4.25
		ONE SET IN A BOX, WITH SCREWS.	
No. OC2241	**No. SC2241**	DOOR KNOBS, 2¼ in., with roses, w't per doz. 9½ lbs. ..... per dozen	$8.00
No. OC2264	**No. SC2264**	FLUSH SASH LIFTS, 3¼×1⅝ in., w't per doz. ¾ lb. ..... "	1.30
No. OC2256	**No. SC2256**	PUSH PLATES, 8×2½ in., w't per doz. 4 lbs. ..... "	7.00
No. OC2258	**No. SC2258**	PUSH BUTTONS, 4⅝×2 in., w't per doz. 4 lbs. ..... "	8.50

DOOR KNOBS, HALF DOZEN; SASH LIFTS, ONE DOZEN; PUSH PLATES, ONE-THIRD DOZEN AND PUSH BUTTONS, ONE IN A BOX.

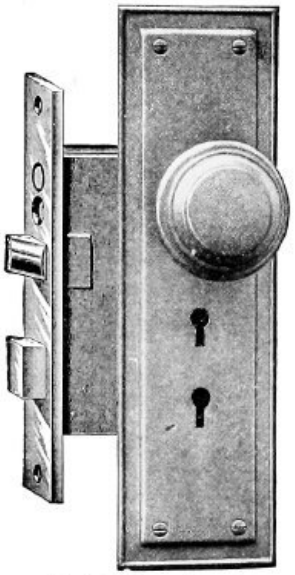
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

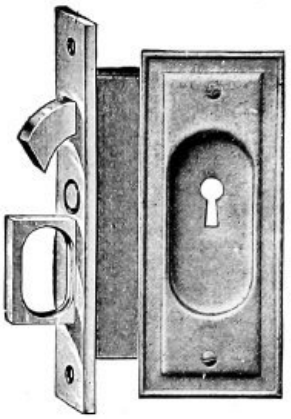
PURITAN DESIGN—WROUGHT STEEL.



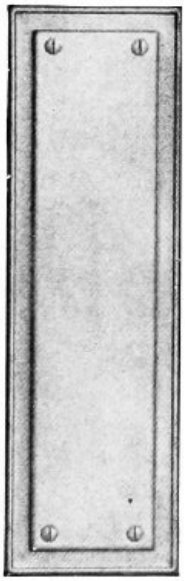
No. 235 Inside Door Set.



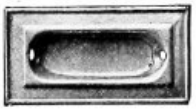
No. 2312 Front Door Set.



No. 2321 Sliding Door Set.



No. 2356 Push Plate



No. 2364 Flush Sash Lift.

No. 2365 Drop Drawer Pull.

No. 2341 Door Knob.

No. 2358 Push Button.

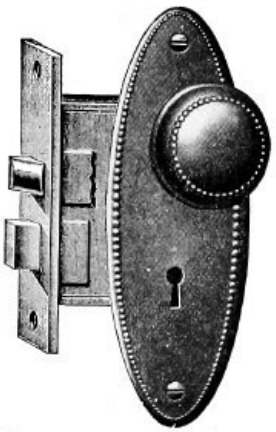
Old Copper Finish	Polished Antique Brass	Dull or Lemon Brass	Japanned Iron Case, Plated Front, Strike and Bolts.		
No. OC235	No. AB235	No. DB235	INSIDE LOCK SETS, 3¾×3¼ in., backset 2¼ in., 2 escutcheons 7×2¼ in., 2¼ in. knobs, steel key, w't per doz. sets 25½ lbs.	per dozen sets	$12.75
No. OC2312	No. AB2312	No. DB2312	FRONT DOOR LOCK SETS, 5×3½ in., backset 2⅝ in., 10×3 in. outside escutcheon, 1¾×1⅛ in. key plate, 2¼ in. knobs, swivel spindle, 3 steel keys, w't 3 lbs.	per set	3.25
No. OC2321	No. AB2321	No. DB2321	SLIDING DOOR LOCK SETS, 5×3½ in., backset 2 in., 2 cup escutcheons 6×2½ in., *for single doors*, w't 2 lbs.	per set	2.80
No. OC2323	No. AB2323	No. DB2323	SLIDING DOOR LOCK SETS, 5×3½ in., *flat front*, backset 2 in., 4 cup escutcheons 6×2½ in., *for double doors*, w't 3½ lbs.	per set	4.25
No. OC2325	No. AB2325	No. DB2325	SLIDING DOOR LOCK SETS, 5×3½ in., *astragal front*, otherwise same as No. 2323, w't 3¾ lbs.	per set	5.00
			ONE SET IN A BOX, WITH SCREWS.		
No. OC2341	No. AB2341	No. DB2341	DOOR KNOBS, 2¼ in., with roses, w't per doz. 8 lbs.	per dozen	$8.50
No. OC2364	No. AB2364	No. DB2364	FLUSH SASH LIFTS, 3¼×1¾ in., w't per doz. ¾ lb.	"	1.40
No. OC2365	No. AB2365	No. DB2365	DROP DRAWER PULLS, 4×1½ in., w't per doz. 2 lbs.	"	4.00
No. OC2356	No. AB2356	No. DB2356	PUSH PLATES, 10×3 in., w't per doz. 5 lbs.	"	10.50
No. OC2358	No. AB2358	No. DB2358	PUSH BUTTONS, 3¼×1¾ in., w't per doz. 1 lb.	"	7.00

DOOR KNOBS, HALF DOZEN; SASH LIFTS, THREE DOZEN; DRAWER PULLS, TWO DOZEN; PUSH PLATES AND PUSH BUTTONS, ONE DOZEN IN A BOX.

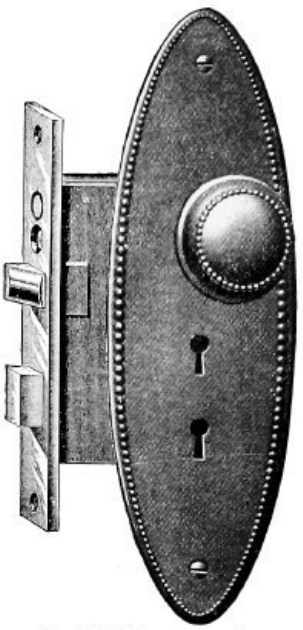
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

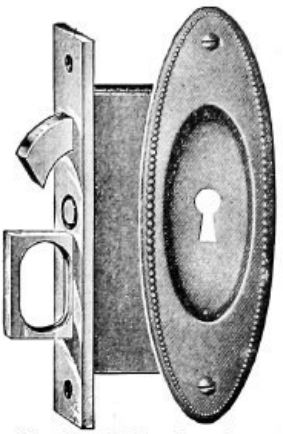
OVAL BEADED DESIGN—WROUGHT STEEL.



No. 245 Inside Door Set.



No. 2412 Front Door Set.



No. 2421 Sliding Door Set.

No. 2456 Push Plate.

No. 2441 Door Knob.

No. 2465 Drop Drawer Pull.

No. 2464 Flush Sash Lift.

No. 2541 Door Knob.

No. 2458 Push Button.

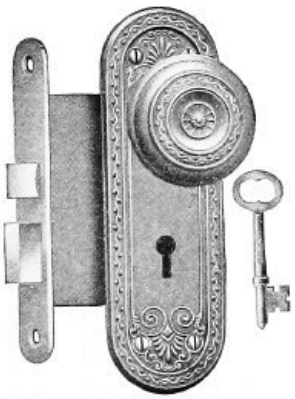
Old Copper Finish.	Japanned Iron Case, Bronze Plated Front, Strike and Bolts.		
No. OC245	INSIDE LOCK SETS, $3\frac{5}{8}\times3\frac{1}{4}$ in., backset $2\frac{1}{2}$ in., 2 escutcheons $7\frac{1}{8}\times2\frac{3}{8}$ in., $2\frac{1}{4}$ in. *round knobs*, steel key, w't per doz. sets 26 lbs.	per dozen sets	$15.00
No. OC255	INSIDE LOCK SETS, with $2\frac{7}{8}$ in. *oval knobs*, otherwise same as No. 245, w't per doz. sets $25\frac{1}{2}$ lbs.	" "	15.00
No. OC2412	FRONT DOOR LOCK SETS, $4\frac{3}{4}\times3\frac{1}{2}$ in., backset $2\frac{5}{8}$ in., outside escutcheon $10\frac{1}{2}\times3\frac{1}{4}$ in., inside escutcheon $7\frac{1}{8}\times2\frac{1}{2}$ in., $2\frac{1}{4}$ in. *round knobs*, 2 latch keys, 1 dead bolt key, w't 3 lbs.	per set	3.30
No. OC2512	FRONT DOOR LOCK SETS, $2\frac{7}{8}$ in. *oval knobs*, otherwise same as No. 2412, w't 3 lbs.	"	3.30
No. OC2421	SLIDING DOOR LOCK SETS, $4\frac{3}{8}\times3\frac{3}{8}$ in., backset $2\frac{1}{2}$ in., 2 flush cup escutcheons $7\frac{1}{8}\times2\frac{1}{2}$ in., *for single doors*, w't 2 lbs.	"	2.40
No. OC2423	SLIDING DOOR LOCK SETS, $4\frac{3}{8}\times3\frac{3}{8}$ in., *flat front*, backset $2\frac{1}{2}$ in., 4 flush cup escutcheons $7\frac{1}{8}\times2\frac{1}{2}$ in., *for double doors*, w't $3\frac{1}{4}$ lbs.	per set	3.60
No. OC2425	SLIDING DOOR LOCK SETS, $4\frac{3}{8}\times3\frac{3}{8}$ in., *astragal front*, otherwise same as No. 2423, w't $4\frac{1}{4}$ lbs.	"	4.25
	ONE SET IN A BOX, WITH SCREWS.		
No. OC2441	DOOR KNOBS, *round*, $2\frac{1}{4}$ in., with roses, w't per doz. 8 lbs.	per dozen	$8.00
No. OC2541	DOOR KNOBS, *oval*, $2\frac{7}{8}$ in., with roses, w't per doz. 7 lbs.	"	8.00
No. OC2464	FLUSH SASH LIFTS, $4\frac{1}{4}\times1\frac{1}{2}$ in., w't per doz. $\frac{3}{4}$ lb.	"	1.20
No. OC2465	DROP DRAWER PULLS, $4\frac{1}{4}\times1\frac{1}{2}$ in., w't per doz. 2 lbs.	"	7.00
No. OC2456	PUSH PLATES, $11\frac{1}{2}\times3$ in., w't per doz. $4\frac{1}{2}$ lbs.	"	8.00
No. OC2458	PUSH BUTTONS, $4\frac{1}{4}\times1\frac{1}{2}$ in., w't per doz. 1 lb.	"	8.50

DOOR KNOBS, PUSH BUTTONS AND PUSH PLATES, HALF DOZEN; SASH LIFTS AND DRAWER PULLS, ONE DOZEN IN A BOX.

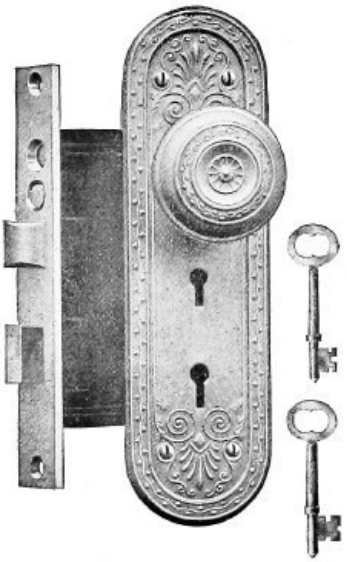
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

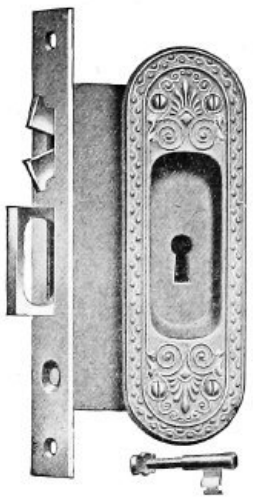
OSSA DESIGN—WROUGHT STEEL.



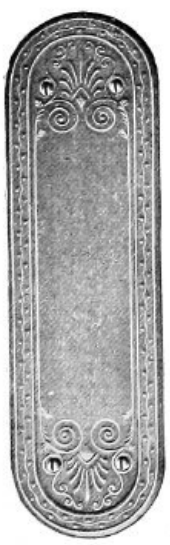
No. 265 Inside Door Set.



No. 2612 Front Door Set



No. 2621 Sliding Door Set.



No. 2656 Push Plate.

No. 2641 Door Knob.

No. 2664 Flush Sash Lift.

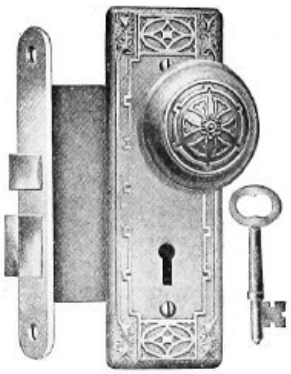
No. 2658 Push Button.

Polished Old Copper	Steel Case, Bronze Plated Front, Strike and Bolts.	
No. OC265	INSIDE LOCK SETS, $3\frac{1}{2}\times3$ n. backset $2\frac{1}{4}$ in., 2 escutcheons $6\frac{3}{4}\times2\frac{1}{8}$ in., $2\frac{1}{4}$ in. knobs, steel key, w't per doz. sets 24 lbs., per dozen sets	$15.00
No. OC2612	FRONT DOOR LOCK SETS, $4\frac{7}{8}\times3\frac{1}{2}$ in., backset $2\frac{1}{2}$ in., outside escutcheon $8\frac{3}{4}\times2\frac{1}{2}$ in., inside escutcheon $2\frac{1}{4}\times1\frac{1}{8}$ in., $2\frac{1}{4}$ in. knobs, 2 latch keys, 1 dead bolt key, w't $2\frac{3}{4}$ lbs. per set	3.30
No. OC2613	FRONT DOOR AND VESTIBULE SETS, $3\frac{3}{8}\times3\frac{3}{8}$ in., vestibule latch, outside escutcheon $6\frac{3}{4}\times2\frac{1}{8}$ in., inside escutcheon $2\frac{1}{4}\times1\frac{1}{8}$ in., otherwise same as No. 2612, complete with No. 2612 front door set, w't $5\frac{1}{4}$ lbs. per set	6.50
No. OC2621	SLIDING DOOR LOCK SETS, $5\frac{1}{2}\times3\frac{3}{4}$ in., backset $1\frac{7}{8}$ in., 2 escutcheons $6\frac{3}{4}\times2\frac{1}{8}$ in., *for single doors*, w't $1\frac{1}{2}$ lbs. "	2.40
No. OC2623	SLIDING DOOR LOCK SETS, $5\frac{1}{2}\times3\frac{3}{8}$ in., *flat front*, backset $1\frac{7}{8}$ in., 4 escutcheons $6\frac{3}{4}\times2\frac{1}{8}$ in., *for double doors*, w't $2\frac{3}{4}$ lbs., per set	3.60
No. OC2625	SLIDING DOOR LOCK SETS, $5\frac{1}{2}\times3\frac{3}{8}$ in., *astragal front*, otherwise same as No. 2623, w't $2\frac{3}{4}$ lbs. per set	4.25
	ONE SET IN A BOX, WITH SCREWS.	
No. OC2641	DOOR KNOBS, $2\frac{1}{4}$ in., with roses, w't per doz. $7\frac{1}{2}$ lbs. per dozen	$ 8.00
No. OC2664	FLUSH SASH LIFTS, $4\times1\frac{1}{2}$ in., w't per doz. $\frac{3}{4}$ lb. "	1.20
No. OC2656	PUSH PLATES, $8\frac{3}{4}\times2\frac{1}{2}$ in., w't per doz. $1\frac{1}{2}$ lbs. "	7.00
No. OC2658	PUSH BUTTONS, $4\times1\frac{1}{2}$ in., w't per doz. $\frac{3}{4}$ lb. "	8.50
	DOOR KNOBS, PUSH PLATES AND PUSH BUTTONS, HALF DOZEN; SASH LIFTS, ONE DOZEN IN A BOX.	

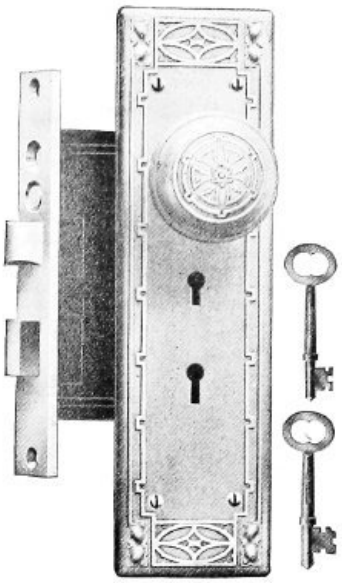
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

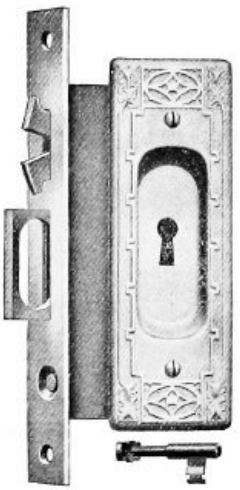
FARMINGTON DESIGN—WROUGHT STEEL.



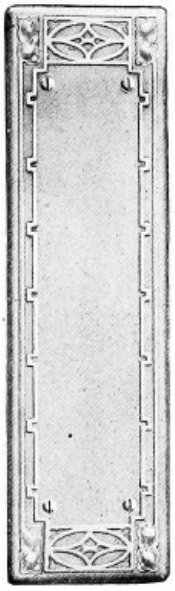
No. 275 Inside Door Set.



No. 2712 Front Door Set.



No. 2721 Sliding Door Set.



No. 2756 Push Plate.

No 2741 Door Knob.

No. 2758 Push Button.

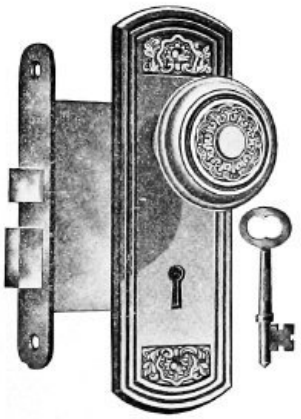
No. 2764 Flush Sash Lift.

Sand Blast Old Copper	Steel Case, Bronze Plated Front, Strike and Bolts.	
No. SC275	INSIDE LOCK SETS, 3½×3 in., backset 2¼ in., 2 escutcheons 6¼×2⅛ in., 2¼ in. knobs, steel key, w't per doz. sets 24 lbs., per dozen sets	$15.00
No. SC2712	FRONT DOOR LOCK SETS, 4⅞×3½ in., backset 2½ in., outside escutcheon 10×2¾ in., inside escutcheon 2¼×1¼ in., 2¼ in. knobs, 2 night latch keys, 1 dead bolt key, w't 3 lbs. per set	3.30
No. SC2721	SLIDING DOOR LOCK SETS, 5½×3⅜ in., backset 1⅞ in., 2 flush cup escutcheons 6¼×2⅛ in., *for single doors*, w't 1½ lbs. "	2.40
No. SC2723	SLIDING DOOR LOCK SETS, 5½×3⅜ in., *flat front*, backset 1⅞ in., 4 flush cup escutcheons 6¼×2⅛ in., *for double doors*, w't 3 lbs. per set	3.60
No. SC2725	SLIDING DOOR LOCK SETS, 5½×3⅜ in., *astragal front*,, otherwise same as No. 2723, w't 3 lbs. "	4.25
	ONE SET IN A BOX, WITH SCREWS.	
No. SC2741	DOOR KNOBS, 2¼ in., with roses, w't per doz. 7½ lbs. per dozen	$ 3.60
No. SC2764	FLUSH SASH LIFTS, 3⅛×1½ in., w't per doz. ¾ lb. "	1.25
No. SC2756	PUSH PLATES, 10×2¾ in., w't per doz. 4½ lbs. "	7.00
No. SC2758	PUSH BUTTONS, 3¼×1½ in., w't per doz. ¾ lb. "	8.50
	DOOR KNOBS, PUSH PLATES AND PUSH BUTTONS, HALF DOZEN; SASH LIFTS, ONE DOZEN IN A BOX.	

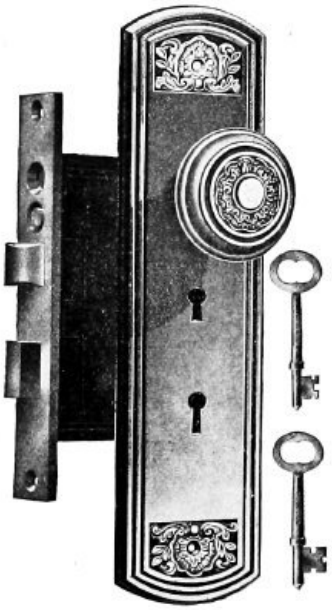
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

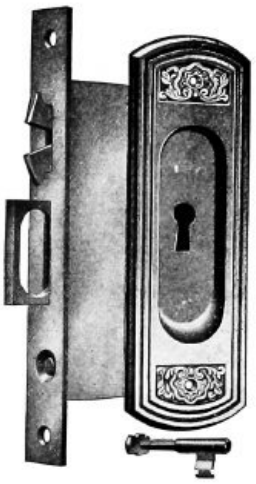
ABINGTON DESIGN—WROUGHT STEEL.



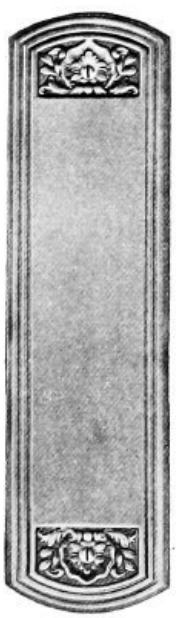
No. 285 Inside Door Set.



No. 2812 Front Door Set.

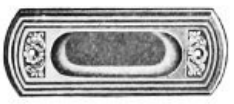


No. 2821 Sliding Door Set.



No. 2856 Push Plate.

No. 2841 Door Knob.



No. 2864 Flush Sash Lift.

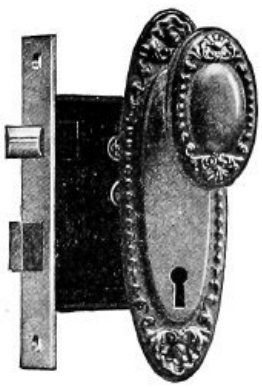
No. 2858 Push Button.

Old Copper Finish	Dull or Lemon Brass	Steel Case (except No. 2812) Bronze Plated Steel Front, Strike and Bolts.		
No. OC285	No. DB285	INSIDE LOCK SETS, $3\frac{1}{2}\times3$ in., backset $2\frac{3}{4}$ in., 2 escutcheons $7\times2\frac{1}{4}$ in., $2\frac{1}{2}$ in. knobs, steel key, w't per doz. sets 21 lbs.	per dozen sets	$15.00
No. OC2812	No. DB2812	FRONT DOOR LOCK SETS, $4\frac{7}{8}\times3\frac{1}{2}$ in., backset $2\frac{1}{2}$ in., outside escutcheon $10\frac{1}{2}\times2\frac{3}{4}$ in., $2\frac{1}{4}\times1\frac{1}{8}$ in. key plate and rose inside, $2\frac{1}{2}$ in. knobs, 2 latch keys, 1 dead bolt key, w't 3 lbs.	per set	3.50
No. OC2821	No. DB2821	SLIDING DOOR LOCK SETS, $5\frac{1}{2}\times3\frac{3}{8}$ in., backset $1\frac{7}{8}$ in., 2 flush cup escutcheons $7\times2\frac{1}{4}$ in., *for single doors*, w't $1\frac{3}{4}$ lbs.	per set	2.80
No. OC2823	No. DB2823	SLIDING DOOR LOCK SETS, $5\frac{1}{2}\times3\frac{3}{8}$ in., *flat front*, backset $1\frac{7}{8}$ in., 4 flush cup escutcheons $7\times2\frac{1}{4}$ in., *for double doors*, w't $3\frac{1}{4}$ lbs.	per set	4.00
No. OC2825	No. DB2825	SLIDING DOOR LOCK SETS, $5\frac{1}{2}\times3\frac{3}{8}$ in., *astragal front*, otherwise same as No. 2823, w't $3\frac{1}{4}$ lbs.	"	5.00
		ONE SET IN A BOX, WITH SCREWS.		
No. OC2841	No. DB2841	DOOR KNOBS, $2\frac{1}{2}$ in., with roses, w't per doz. 7 lbs.	per dozen	$9.00
No. OC2864	No. DB2864	FLUSH SASH LIFTS, $4\times1\frac{1}{2}$ in., w't per doz. 1 lb.	"	1.20
No. OC2856	No. DB2856	PUSH PLATES, $10\frac{1}{2}\times2\frac{3}{4}$ in., w't per doz. $4\frac{3}{4}$ lbs.	"	8.00
No. OC2858	No. DB2858	PUSH BUTTONS, $4\times1\frac{1}{2}$ in., w't per doz. $1\frac{1}{4}$ lbs.	"	8.00
		DOOR KNOBS, PUSH PLATES AND PUSH BUTTONS, HALF DOZEN; SASH LIFTS, ONE DOZEN IN A BOX.		

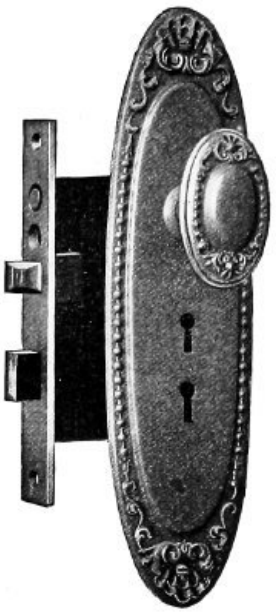
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

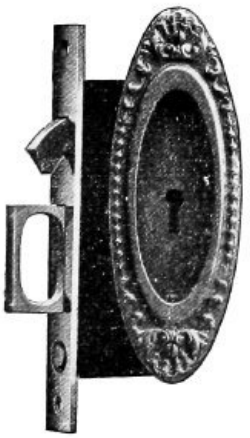
LYDIAN DESIGN—WROUGHT STEEL.



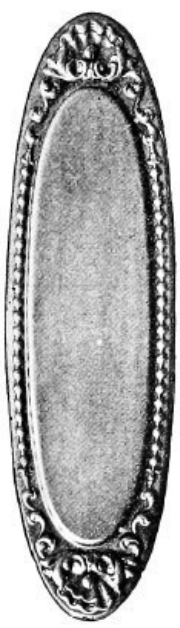
No. 295 Inside Door Set.



No. 2912 Front Door Set.



No. 2921 Sliding Door Set.



No. 2956 Push Plate.

No. 2964 Flush Sash Lift.

No. 2965 Drop Drawer Pull.

No. 2941 Door Knob.

No. 2958 Push Button.

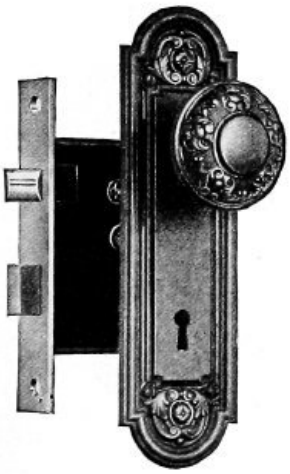
Old Copper Finish			
	Japanned Iron Case, Bronze Plated Front, Strike and Bolts.		
No. OC295	INSIDE LOCK SETS, 3⅝×3⅛ in., backset 2⅜ in., 2 escutcheons 7×2½ in., 2⅝ in. knobs, triplex spindle, steel key, w't per doz. sets 27 lbs.	per dozen sets	$13.50
No. OC2912	FRONT DOOR LOCK SETS, 4¾×3½ in., backset 2⅝ in., outside escutcheon 10½×2⅞ in., inside escutcheon 2½×1¼ in., 2⅝ in. knobs, triplex swivel spindle, 2 latch keys, 1 dead bolt key, w't 3¼ lbs.	per set	3.50
No. OC2921	SLIDING DOOR LOCK SETS, 5⅜×4 in., backset 2⅝ in., 2 cup escutcheons 7×2½ in., *for single doors*, w't 2¼ lbs.	"	2.50
No. OC2923	SLIDING DOOR LOCK SETS, 5⅜×4 in., *flat front*, backset 2⅝ in., 4 cup escutcheons 7×2½ in., *for double doors*, w't 3½ lbs.,	"	4.00
No. OC2925	SLIDING DOOR LOCK SETS, 5⅜×4 in., *astragal front*, otherwise same as No. 2923, w't 4 lbs.	"	5.00
	ONE SET IN A BOX, WITH SCREWS.		
No. OC2941	DOOR KNOBS, 2⅝ in., triplex spindle, with roses, w't per doz. 9 lbs.	per dozen	$9.00
No. OC2964	FLUSH SASH LIFTS, 4½×1¾ in., w't per doz. 1 lb.	"	2.00
No. OC2965	DROP DRAWER PULLS, 4½×1¾ in., w't per doz. 2½ lbs.	"	7.50
No. OC2956	PUSH PLATES, 10½×2⅞ in., w't per doz. 4½ lbs.	"	8.00
No. OC2958	PUSH BUTTONS, 5×2½ in., w't per doz. 3 lbs.	"	8.00

DOOR KNOBS, HALF DOZEN; SASH LIFTS, TWO DOZEN; DRAWER PULLS, ONE DOZEN; PUSH PLATES, ONE-SIXTH DOZEN; PUSH BUTTONS, ONE IN A BOX.

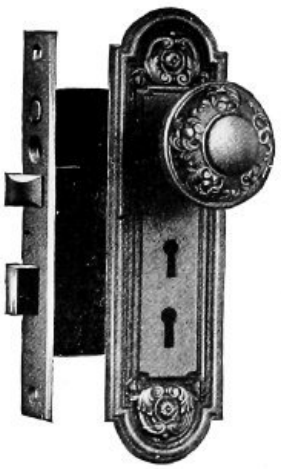
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

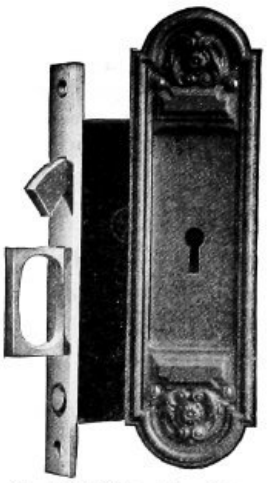
NUBIAN DESIGN—WROUGHT STEEL.



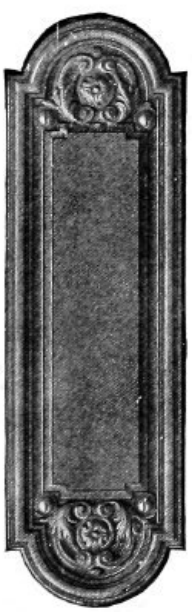
No. 315 Inside Door Set



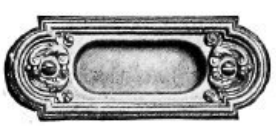
No. 3112 Front Door Set.



No. 3121 Sliding Door Set.

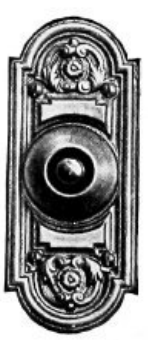


No. 3156 Push Plate.



No. 3164 Flush Sash Lift

No. 3165 Drop Drawer Pull.



No. 3158 Push Button

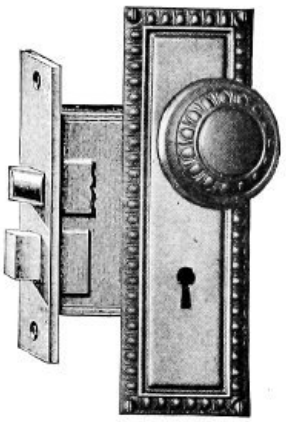
Old Copper	Dull Brass	Japanned Iron Case, Bronze Plated Front, Strike and Bolts.		
No. OC315	No. DB315	INSIDE LOCK SETS, 3⅜×3¼ in., backset 2⅜ in., 2 escutcheons 8×2⅜ in., 2¼ in. knobs, steel key, w't per doz. sets 27 lbs	per dozen sets	$13.50
No. OC3112	No. DB3112	FRONT DOOR LOCK SETS, 4⅞×3½ in., backset 2⅝ in., outside escutcheon 8×2⅜ in., inside escutcheon 2¾ ×1¼ in., 2¼ in. knobs, swivel spindle, 2 latch keys, 1 dead bolt key, w't 2¾ lbs	per set	3.75
No. OC3121	No. DB3121	SLIDING DOOR LOCK SETS, 5⅜×3⅞ in., backset 2⅝ in., 2 cup escutcheons 8×2⅜ in., *for single doors*, w't 2¼ lbs	per set	3.00
No. OC3123	No. DB3123	SLIDING DOOR LOCK SETS, 5⅜×3⅞ in., *flat front*, backset 2⅝ in., 4 cup escutcheons 8×2⅜ in., *for double doors*, w't 3¾ lbs	per set	4.50
No. OC3125	No. DB3125	SLIDING DOOR LOCK SETS, 5⅜×3⅞ in., *astragal front*, otherwise same as No. 3123, w't 4 lbs	"	5.50
		ONE SET IN A BOX, WITH SCREWS.		
No. OC3141	No. DB3141	DOOR KNOBS, 2¼ in., with roses, w't per doz. 8 lbs	per dozen	$0.00
No. OC3164	No. DB3164	FLUSH SASH LIFTS, 4½×1⅞ in., w't per doz. 1¼ lbs	"	2.25
No. OC3165	No. DB3165	DROP DRAWER PULLS, 4½×1⅞ in., w't per doz. 2½ lbs	"	8.00
No. OC3156	No. DB3156	PUSH PLATES, 10¼×3⅛ in., w't per doz. 5¼ lbs	"	8.50
No. OC3158	No. DB3158	PUSH BUTTONS, 5⅝×2¼ in., w't per doz. 4 lbs	"	8.00

DOOR KNOBS AND PUSH PLATES, HALF DOZEN; SASH LIFTS, TWO DOZEN; DRAWER PULLS AND PUSH BUTTONS, ONE DOZEN IN A BOX.

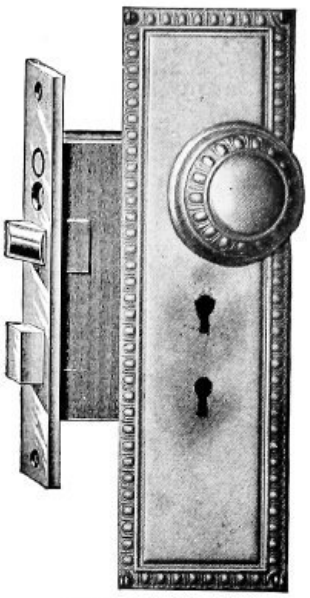
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

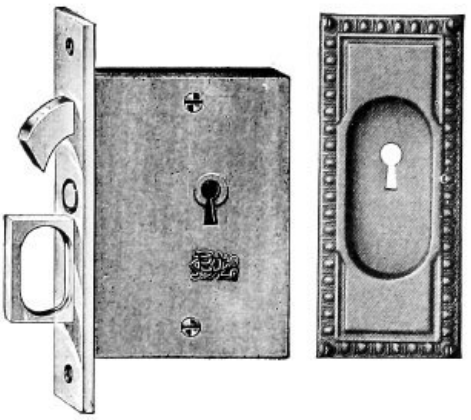
ANDROS DESIGN—WROUGHT STEEL.



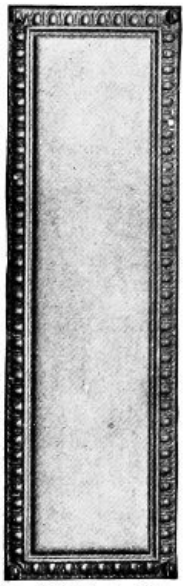
No. 325 Inside Door Set.



No. 3212 Front Door Set.

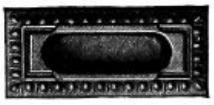


No. 3221 Sliding Door Set.



No. 3256 Push Plate

No. 3241 Door Knob



No. 3264 Flush Sash Lift.

No. 3258 Push Button.

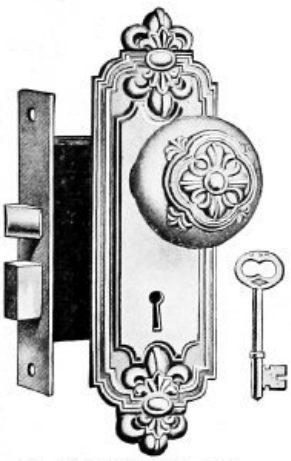
Old Copper	Dull or Lemon Brass	Japanned Iron Case, Plated Front, Strike and Bolts.		
No. OC325	No. DB325	INSIDE LOCK SETS, $3\frac{1}{2}\times3\frac{1}{4}$ in., backset $2\frac{3}{8}$ in., 2 escutcheons $7\times2\frac{1}{4}$ in., $2\frac{1}{4}$ in. knobs, steel key, w't per doz. sets $25\frac{1}{2}$ lbs	per dozen sets	$15.00
No. OC3212	No. DB3212	FRONT DOOR LOCK SETS, $5\times3\frac{5}{8}$ in., backset $2\frac{3}{4}$ in., outside escutcheon 10×3 in., inside key plate and rose, $2\frac{1}{4}$ in. knobs, 2 latch keys, 1 dead bolt key, w't $3\frac{1}{8}$ lbs	per set	3.30
No. OC3221	No. DB3221	SLIDING DOOR LOCK SETS, $5\times3\frac{5}{8}$ in., backset $2\frac{1}{4}$ in., 2 escutcheons $6\times2\frac{1}{2}$ in., *for single doors*, w't 2 lbs.	"	2.40
No. OC3223	No. DB3223	SLIDING DOOR LOCK SETS, $5\times3\frac{5}{8}$ in., *flat front*, backset $2\frac{1}{4}$ in., 4 escutcheons $6\times2\frac{1}{2}$ in., *for double doors*, w't $3\frac{1}{2}$ lbs	per set	3.60
No. OC3225	No. DB3225	SLIDING DOOR LOCK SETS, $5\times3\frac{5}{8}$ in., *astragal front*, otherwise same as No. 3223, w't 4 lbs	"	4.25
		ONE SET IN A BOX, WITH SCREWS.		
No. OC3241	No. DB3241	DOOR KNOBS, $2\frac{1}{4}$ in., with roses, w't per doz. 9 lbs.	per dozen	$ 8.00
No. OC3264	No. DB3264	FLUSH SASH LIFTS, $3\frac{1}{4}\times1\frac{3}{4}$ in., w't per doz. $\frac{3}{4}$ lb.	"	1.20
No. OC3256	No. DB3256	PUSH PLATES, 10×3 in., w't per doz. $5\frac{1}{4}$ lbs.	"	8.00
No. OC3258	No. DB3258	PUSH BUTTONS, $3\frac{1}{4}\times1\frac{1}{4}$ in., w't per doz. $\frac{3}{4}$ lb.	"	8.50

DOOR KNOBS, HALF DOZEN; SASH LIFTS, TWO DOZEN; PUSH PLATES AND PUSH BUTTONS, ONE DOZEN IN A BOX.

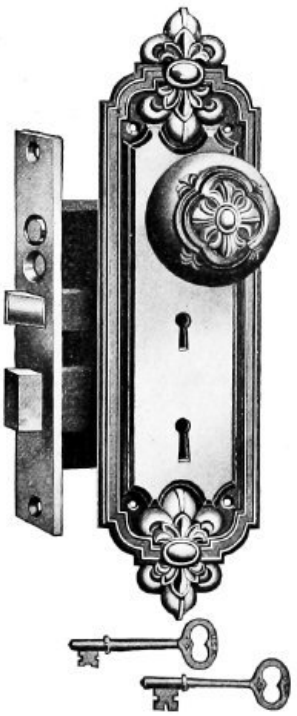
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

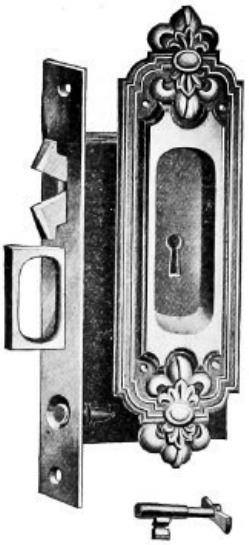
LEROY DESIGN—WROUGHT STEEL.



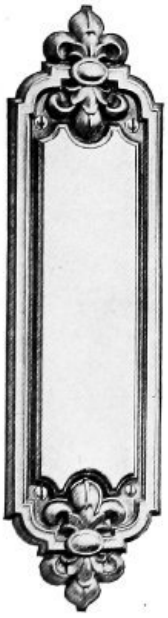
No. 335 Inside Door Set.



No. 3312 Front Door Set.

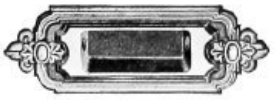


No. 3321 Sliding Door Set.



No. 3356 Push Plate.

No. 3341 Knob.



No. 3364 Flush Sash Lift.

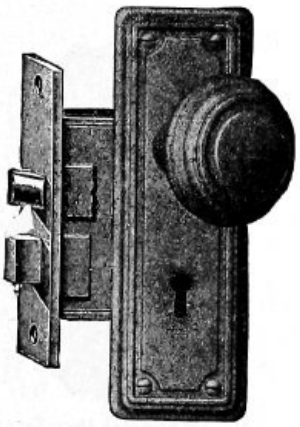
No. 3358 Push Button.

Old Copper	Dull or Lemon Brass	Steel Case, Bronze Plated Front, Strike and Bolts.	
No. OC335	No. DB335	INSIDE LOCK SETS, 3½×3 in., backset 2⅜ in., 2 escutcheons 8×2¼ in., 2¼ in. *one-piece knobs*, steel key, w't per doz. sets 24 lbs. ..... per dozen sets	$13.50
No. OC3312	No. DB3312	FRONT DOOR LOCK SETS, 4¾×3⅝ in., backset 2¾ in., outside escutcheon 10⅝×2⅞ in., inside escutcheon 3×1⅛ in., 2¼ in. *one-piece knobs*, swivel spindle, 2 latch keys, 1 dead bolt key, w't 3⅛ lbs. ..... per set	3.75
No. OC3321	No. DB3321	SLIDING DOOR LOCK SETS, 5½×3½ in., backset 2 in., 2 escutcheons 8×2¼ in., *for single doors*, w't 2⅛ lbs. ..... per set	3.00
No. OC3323	No. DB3323	SLIDING DOOR LOCK SETS, 5½×3½ in., *flat front*, backset 2 in., 4 escutcheons 8×2¼ in., *for double doors*, w't 3⅛ lbs. ..... per set	4.50
No. OC3325	No. DB3325	SLIDING DOOR LOCK SETS, 5½×3½ in., *astragal front*, otherwise same as No. 3323, w't 3⅛ lbs. ..... per set	5.55
		ONE SET IN A BOX, WITH SCREWS.	
No. OC3341	No. DB3341	DOOR KNOBS, 2¼ in., *one-piece*, with roses, w't per doz. 8½ lbs. ..... per dozen	$ 9.00
No. OC3364	No. DB3364	FLUSH SASH LIFTS, 4¾×1½ in., w't per doz. 1 lb. ..... "	2.25
No. OC3356	No. DB3356	PUSH PLATES, 10⅝×2⅞ in., w't per doz. 5 lbs. ..... "	8.50
No. OC3358	No. DB3358	PUSH BUTTONS, 4¾×1½ in., w't per doz. 1 lb. ..... "	8.00
		DOOR KNOBS, PUSH PLATES, AND PUSH BUTTONS, HALF DOZEN; SASH LIFTS, ONE DOZEN IN A BOX.	

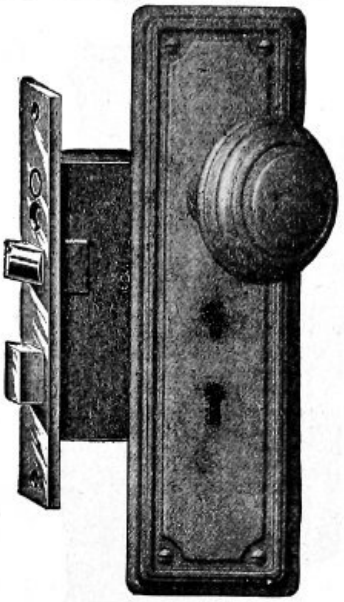
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

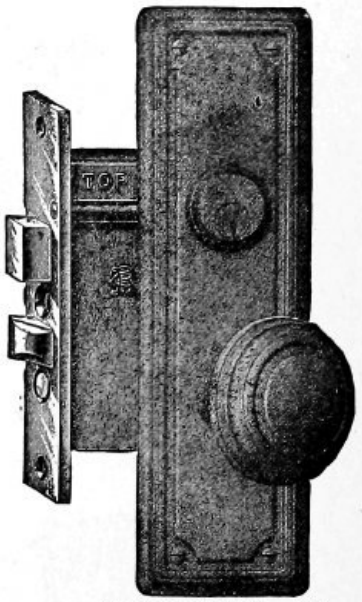
OXFORD DESIGN—WROUGHT STEEL.



No. 345 Inside Door Set.

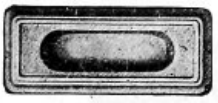


Nos. 3412 and 3414 Front Door Set.



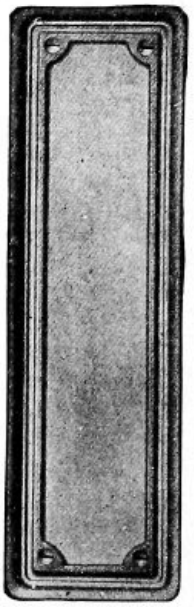
No. 3418 Front Door Set.

No. 3421 Sliding Door Set.



No. 3464 Flush Sash Lift.

No. 3465 Drop Drawer Pull.



No. 3456 Push Plate.

No. 3441 Door Knob.

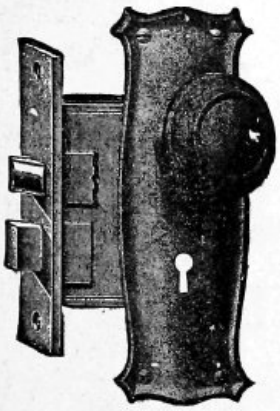
Nos. 3458 and 3457 Push Button.

Old Copper	Dull or Lemon Brass	Cast Case, Bronze Plated Front, Strike and Bolts.		
No. OC345	No. DB345	INSIDE LOCK SETS, 3¾x3¼ in., backset 2¼ in., 2 escutcheons 7x2⅜ in., 2¼ in. knobs, steel key, w't per doz. sets 26 lbs.	per dozen sets	$12.00
No. OC3412	No. DB3412	FRONT DOOR LOCK SETS, 5x3½ in., backset 2⅝ in., outside escutcheon 10x3 in., 1¾x1 in. key plate and rose inside, 2¼ in. knobs, swivel spindle, 2 latch keys, 1 dead bolt key, w't 3 lbs.	per set	2.75
No. OC3414	No. DB3414	FRONT DOOR LOCK SETS, *bronze*, with wrought bronze knobs and escutcheons, cast bronze front, strike and bolts, otherwise same as No. 3412	per set	4.50
No. OC3418	No. DB3418	FRONT DOOR LOCK SETS, *bronze*, 5x3⅝ in., *with cylinder*, adjustable for 1¾ to 2¼ in. doors, backset 2¾ in., 10x3 in. *bronze* outside escutcheon, 7x2⅜ in. bronze inside escutcheon, 2¼ in. bronze knobs, swivel spindle, 3 gold plated German silver keys, w't 4¾ lbs.	per set	2.75
No. OC3421	No. DB3421	SLIDING DOOR LOCK SETS, 5x3½ in., backset 2 in., 2 cup escutcheons 6x2½ in., *for single doors*, w't 2 lbs., per set		2.75
No. OC3423	No. DB3423	SLIDING DOOR LOCK SETS, 5x3½ in., *flat front*, backset 2 in., 4 escutcheons 6x2½ in., *for double doors*, w't 3½ lbs.	per set	4.00
No. OC3425	No. DB3425	SLIDING DOOR LOCK SETS, 5x3½ in., *astragal front*,, otherwise same as No. 3423, w't 3¾ lbs.	"	5.00
		ONE SET IN A BOX, WITH SCREWS.		
No. OC3441	No. DB3441	DOOR KNOBS, 2¼ in., with roses, w't per doz. 3 lbs.	per dozen	$7.50
No. OC3464	No. DB3464	FLUSH SASH LIFTS, 3½x1½ in., w't per doz. ¾ lb.	"	1.50
No. OC3456	No. DB3456	PUSH PLATES, 10x3 in., w't per doz. 5 lbs.	"	7.50
No. OC3457	No. DB3457	PUSH BUTTONS, *bronze*, 4x1½ in., for electric bells, w't per doz. 1 lb	"	12.00
No. OC3458	No. DB3458	PUSH BUTTONS, *steel*, 4x1½ in., for electric bells, w't per doz. 1 lb	"	7.50
No. OC3465	No. DB3465	DROP DRAWER PULLS, 4x1½ in., w't per doz. 2 lbs.	"	4.00
		DOOR KNOBS, HALF DOZEN; PUSH PLATES, PUSH BUTTONS AND DRAWER PULLS, ONE DOZEN; SASH LIFTS, TWO DOZEN IN A BOX.		

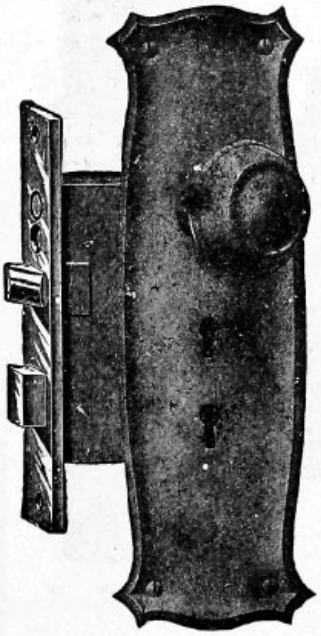
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417 to 425; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

MAYFAIR DESIGN—WROUGHT STEEL.



No. 355 Inside Door Set.



No. 3512 Front Door Set.

No. 3521 Sliding Door Set.

No. 3556 Push Plate.

No. 3564 Sash Lift.

No. 3565 Drop Drawer Pull.

No. 3541 Knob.

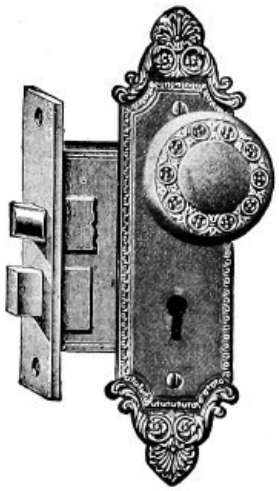
No. 3558 Push Button.

Old Copper	Dull or Lemon Brass	Cast Case, Bronze Plated Front, Strike and Bolts.	
No. OC355	No. DB355	INSIDE LOCK SETS, 3¾x3¼ in., backset 2¼ in., 2 escutcheons 7x2⅜ in., 2¼ in. knobs, steel key, w't per doz. sets 26 lbs. ..... per dozen sets	$12.00
No. OC3512	No. DB3512	FRONT DOOR LOCK SETS, 5x3½ in., backset 2⅝ in., outside escutcheon 10x3 in., 1¾x1 in. key plate and rose inside, 2¼ in. knobs, swivel spindle, 2 latch keys, 1 dead bolt key, w't 3 lbs. ..... per set	2.75
No. OC3521	No. DB3521	SLIDING DOOR LOCK SETS, 5x3½ in., backset 2 in., 2 cup escutcheons 6¾x2½ in., *for single doors*, w't 2 lbs., per set	2.75
No. OC3523	No. DB3523	SLIDING DOOR LOCK SETS, 5x3½ in., *flat front*, backset 2 in., 4 cup escutcheons 6¾x2½ in., *for double doors*, w't 3 lbs. ..... per set	4.00
No. OC3525	No. DB3525	SLIDING DOOR LOCK SETS, 5x3½ in., *astragal front*, otherwise same as No. 3523, w't 3⅛ lbs. ..... "	5.00
		ONE SET IN A BOX, WITH SCREWS.	
No. OC3541	No. DB3541	DOOR KNOBS, 2¼ in., with roses, w't per doz. 8 lbs. ..... per dozen	$ 7.50
No. OC3564	No. DB3564	FLUSH SASH LIFTS, 3½x1½ in., w't per doz. ¾ lb. ..... "	1.50
No. OC3565	No. DB3565	DROP DRAWER PULLS, 4x1⅝ in., w't per doz. 2 lbs. ..... "	4.00
No. OC3556	No. DB3556	PUSH PLATES, 10x3 in., w't per doz. 4 lbs. ..... "	7.50
No. OC3558	No. DB3558	PUSH BUTTONS, 4x1⅝ in., w't per doz. 1 lb. ..... "	7.50
		DOOR KNOBS, HALF DOZEN; PUSH PLATES, PUSH BUTTONS AND DRAWER PULLS, ONE DOZEN; SASH LIFTS, TWO DOZEN IN A BOX.	

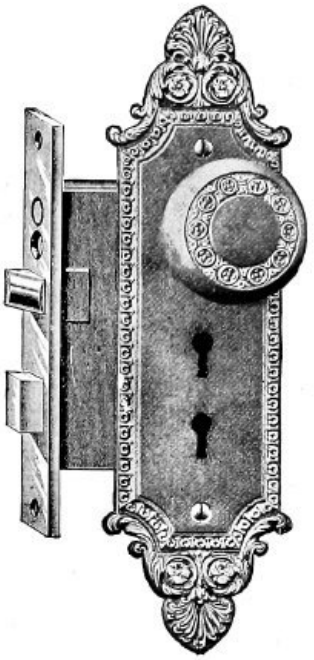
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417 to 425; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

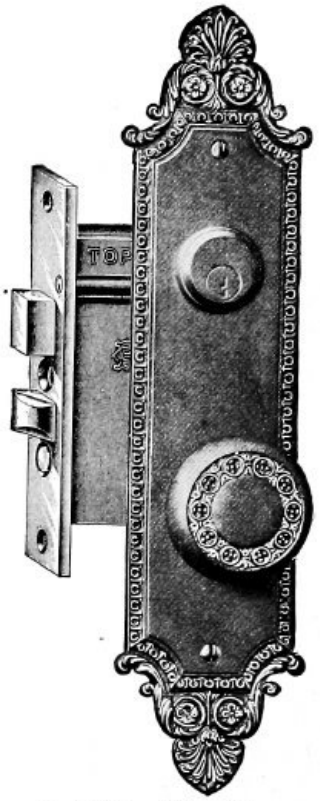
GENEVA DESIGN—CAST IRON.



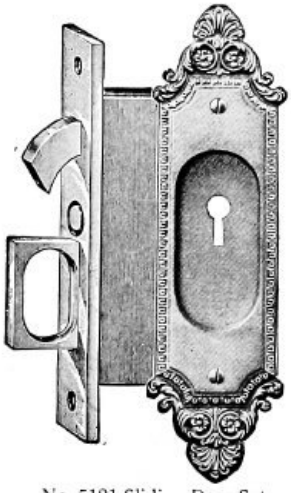
No. 515 Inside Door Set



No. 5112 Front Door Set



No. 5116 Front Door Set.



No. 5121 Sliding Door Set.

No 5141 Door Knob.

No. 5164 Flush Sash Lift.

No 5156 Push Plate.

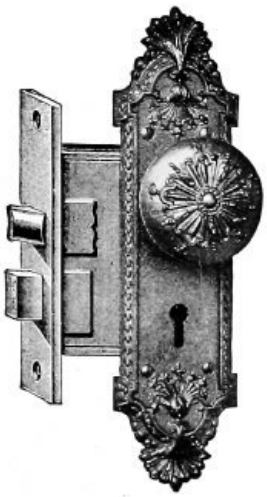
No. 5158 Push Button.

Old Copper Finish		
	Iron Case, Plated Iron Front, Strike and Bolts.	
No. OC515	INSIDE LOCK SETS, 3¾×3⅛ in., backset 2¼ in., 2 escutcheons 8⅜×2 in., 2¼ in. knobs, steel key, w't per doz. sets 34 lbs., per doz. sets	$14.50
No. OC5112	FRONT DOOR LOCK SETS, 5×3½ in., backset 2⅜ in., outside escutcheon 12×3 in., inside escutcheon 1¾×1⅛ in., 2¼ in. knobs, 2 latch keys, 1 dead bolt key, w't 4 lbs. per set	3.00
No. OC5116	FRONT DOOR LOCK SETS, 5×3½ in., *with cylinder*, adjustable for 1¾ to 2¼ in. doors, backset 2½ in., outside escutcheon 13½×3 in., inside escutcheon 8¼×2 in., 2¼ in knobs, 5/16 in. swivel spindle, 3 German silver keys, w't 5½ lbs. per set	9.35
No. OC5121	SLIDING DOOR LOCK SETS, 5×3¼ in., backset 2 in., 2 escutcheons 8¼×2 in., *for single doors*, w't 2½ lbs. "	2.40
No. OC5123	SLIDING DOOR LOCK SETS, 5×3¼ in., *flat front*, backset 2 in., 4 escutcheons 8¼×2 in., *for double doors*, w't 4½ lb. "	3.75
No. OC5125	SLIDING DOOR LOCK SETS, 5×3¼ in., *astragal front*, otherwise same as No. 5123, w't 4½ lbs. "	4.50
	ONE SET IN A BOX, WITH SCREWS.	
No. OC5141	DOOR KNOBS, 2¼ in., with roses, w't per doz. 13½ lbs. per dozen	$10.00
No. OC5164	FLUSH SASH LIFTS, 5¼×1¾ in., w't per doz. 2½ lbs. "	1.80
No. OC5156	PUSH PLATES, 13½×2⅜ in., w't per doz. 11½ lbs. "	6.50
No. OC5158	PUSH BUTTONS, 5½×2 in , w't per doz. 3½ lbs. "	7.50
	DOOR KNOBS AND PUSH BUTTONS, HALF DOZEN; SASH LIFTS AND PUSH PLATES, ONE DOZEN IN A BOX.	

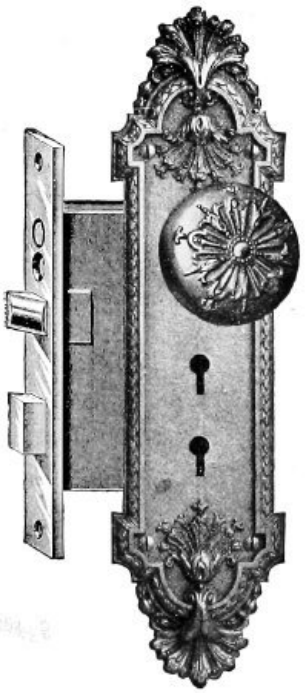
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

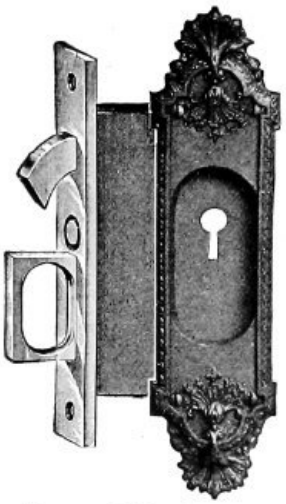
ONTARIO DESIGN—CAST IRON.



No. 525 Inside Door Set.



No. 5212 Front Door Set.



No. 5221 Sliding Door Set.

No. 5256 Push Plate

No. 5241 Door Knob.

No. 5264 Flush Sash Lift.

No. 5258 Push Button.

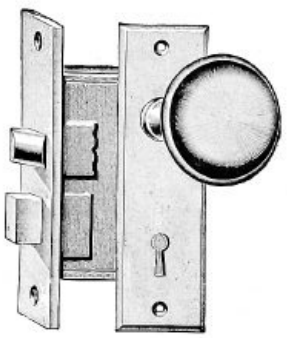
Sand Blast Old Copper	Japanned Iron Case, Bronze Plated Front, Strike and Bolts.		
No. SC525	INSIDE LOCK SETS, 3¾x3⅛ in., backset 2¼ in., 2 escutcheons 8½x2 in., 2¼ in. knobs, steel key, w't per doz. sets 33½ lbs., per dozen sets.		$15.00
No. SC5212	FRONT DOOR LOCK SETS, 5×3½ in., backset 2⅝ in., outside escutcheon 11⅞x2⅝ in., inside escutcheon 1¾x1⅛ in., 2¼ in. knobs, 2 latch keys, 1 dead bolt key, w't 4 lbs.	per set	3.50
No. SC5221	SLIDING DOOR LOCK SETS, 5×3½ in., backset 2 in., 2 cup escutcheons 8½x2 in., *for single doors*, w't 2½ lbs.	"	2.50
No. SC5223	SLIDING DOOR LOCK SETS, 5×3½ in., *flat front*, backset 2 in., 4 cup escutcheons 8½×2 in., *for double doors*, w't 4¾ lbs.	"	4.00
No. SC5225	SLIDING DOOR LOCK SETS, 5×3½ in., *astragal front*, otherwise same as No. 5223, w't 5 lbs.	"	5.00
	ONE SET IN A BOX, WITH SCREWS.		
No. SC5241	DOOR KNOBS, 2¼ in., with roses, w't per doz 12 lbs.	per dozen	$8.50
No. SC5264	FLUSH SASH LIFTS, 5¼×1⅜ in., w't per doz. 2½ lbs.	"	2.00
No. SC5256	PUSH PLATES, 11⅞×2⅝ in., w't per doz. 10½ lbs.	"	6.50
No. SC5258	PUSH BUTTONS, 6½×2 in., w't per doz. 4 lbs.	"	7.50

DOOR KNOBS, PUSH PLATES AND PUSH BUTTONS, HALF DOZEN; SASH LIFTS, ONE DOZEN IN A BOX.

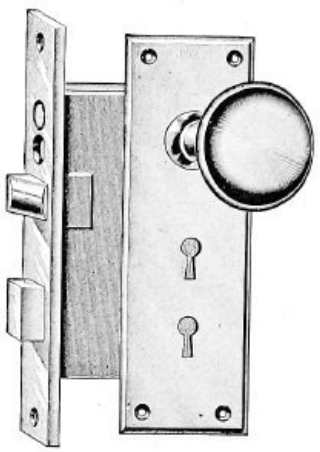
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

PLAIN LOCK SETS.

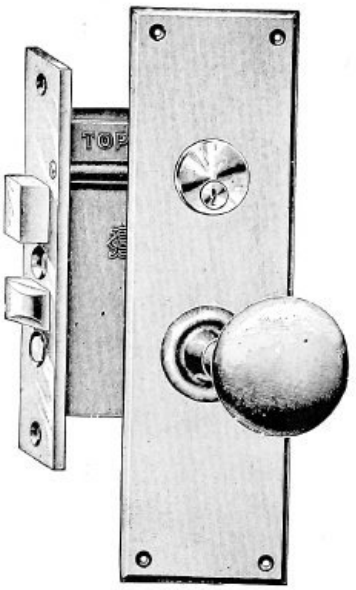
PLAIN DESIGN—WROUGHT BRONZE.



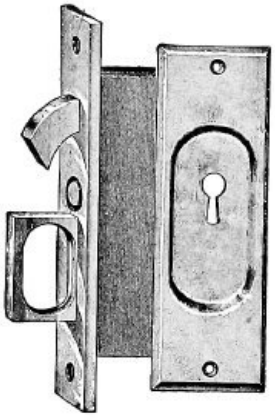
No. 709 Inside Door Set.



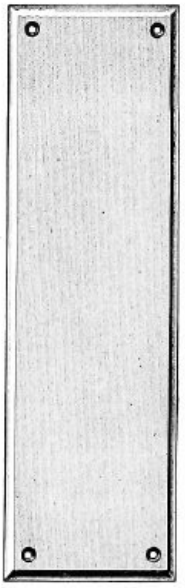
No. 7014 Front Door Set.



No. 7018 Front Door Set

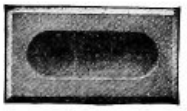


No. 7022 Sliding Door Set.



Nos. P55 and OC55 Push Plates.

Nos. P41 and OC41 Door Knobs



Nos. P63 and OC63 Sash Lifts

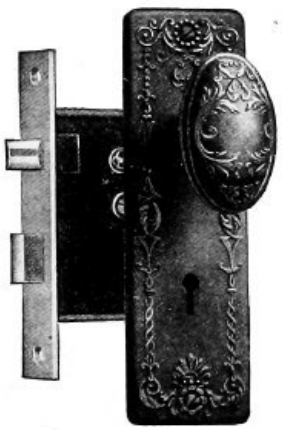
Polished Bronze	Polished Old Copper	Japanned Iron Case, Bronze Front, Strike and Bolts.	
No. P709	**No. OC709**	INSIDE LOCK SETS, $3\frac{3}{4}\times3$ in., backset $2\frac{1}{4}$ in., 2 escutcheons $5\frac{1}{2}\times1\frac{3}{4}$ in., $2\frac{1}{4}$ in. knobs, steel key, w't per doz. sets 22 lbs. ..... per dozen sets	$22.50
No. P7014	**No. OC7014**	FRONT DOOR LOCK SETS, $5\text{x}3\frac{3}{8}$ in., backset $2\frac{5}{8}$ in., outside escutcheon $7\text{x}2\frac{1}{4}$ in., inside escutcheon $1\frac{3}{4}\text{x}1$ in., $2\frac{1}{4}$ in. knobs, swivel spindle, 2 latch keys, 1 dead bolt key, w't $2\frac{3}{4}$ lbs. ..... per set	4.00
No. P7018	**No. OC7018**	FRONT DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., *with cylinder*, adjustable for $1\frac{3}{4}$ to $2\frac{1}{4}$ in. doors, backset $2\frac{1}{2}$ in., outside escutcheon $10\times2\frac{3}{4}$ in., inside escutcheon 6×2 in., $2\frac{1}{4}$ in. knobs, swivel spindle, 3 paracentric keys, w't $4\frac{1}{2}$ lbs. ..... per set	12.00
No. P7019	**No. OC7019**	FRONT DOOR AND VESTIBULE SETS, $4\frac{1}{8}\times3\frac{1}{2}$ in., vestibule latch, outside escutcheon $8\frac{3}{8}\times2\frac{1}{2}$ in., inside escutcheon 6×2 in., otherwise same as No. 7018, complete with No. 7018 front door set, w't 9 lbs., per set	21.00
No. P7022	**No. OC7022**	SLIDING DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., backset 2 in., 2 escutcheons 6×2 in., *for single doors*, w't 2 lbs. .... per set	3.00
No. P7024	**No. OC7024**	SLIDING DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., *flat front*, backset 2 in., 4 escutcheons 6×2 in., *for double doors*, w't $3\frac{1}{2}$ lbs. ..... per set	4.00
No. P7026	**No. OC7026**	SLIDING DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., *astragal front*, otherwise same as No. 7024, w't 4 lbs. ..... per set	5.25

ONE SET IN A BOX, WITH SCREWS.

FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

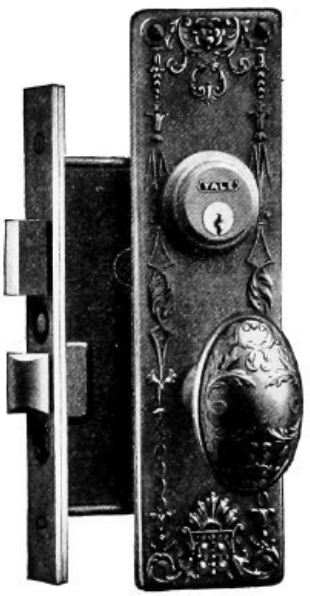
LOCK SETS AND TRIMMINGS.

ARCADIAN DESIGN—WROUGHT BRONZE.

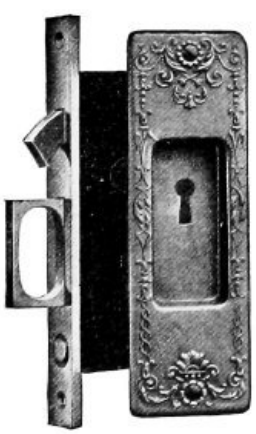


No. 719 Inside Door Set.

No. 7114 Front Door Set



No. 7118 Front Door Set.



No. 7122 Sliding Door Set.

No. 7142 Door Knob.

No. 7163 Flush Sash Lift.

No. 7155 Push Plate

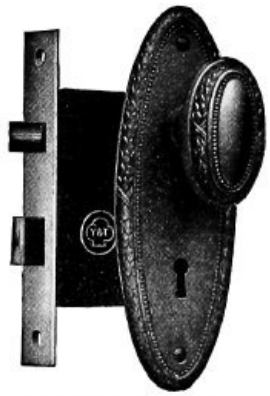
No. 7157 Push Button.

Sand Blast Old Copper.	Japanned Iron Case, Bronze Metal Front, Strike and Bolts.		
No. SC7119	INSIDE LOCK SETS, $3\frac{5}{8}\times3$ in., backset $2\frac{3}{8}$ in., 2 escutcheons $7\frac{1}{4}\times2\frac{1}{2}$ in., $2\frac{5}{8}$ in. knobs, triplex spindle, steel key, w't per doz. sets 30 lbs.	per dozen sets	$24.00
No. SC7114	FRONT DOOR LOCK SETS, $4\frac{7}{8}\times3\frac{1}{2}$ in., backset $2\frac{5}{8}$ in., outside escutcheon $10\times2\frac{3}{4}$ in , inside escutcheon $2\times1\frac{1}{4}$ in., $2\frac{1}{4}$ in. knobs, swivel spindle, 2 latch keys, 1 dead bolt key, w't $3\frac{1}{4}$ lbs.	per set	4.00
No. SC7118	FRONT DOOR LOCK SETS, $5\frac{1}{2}\times4$ in., *with cylinder*, adjustable for $1\frac{3}{4}$ to $2\frac{1}{4}$ in doors, backset $2\frac{3}{4}$ in., outside escutcheon $10\times2\frac{3}{4}$ in., inside escutcheon $7\frac{1}{4}\times2\frac{1}{4}$ in., $2\frac{5}{8}$ in. oval knobs, triplex swivel spindle, 3 nickel plated steel keys, w't 6 lbs., per set		13.00
No. SC7119	FRONT DOOR AND VESTIBULE SETS, $5\frac{1}{2}\times4$ in., vestibule latch, outside escutcheon $10\times2\frac{3}{4}$ in., inside escutcheon $7\frac{1}{4}\times2\frac{1}{4}$ in., otherwise same as No. 7118, complete with No. 7118 front door set, w't 10 lbs.	per set	22.00
No. SC7122	SLIDING DOOR LOCK SETS, $5\frac{3}{8}\times3\frac{1}{4}$ in. backset $1\frac{7}{8}$ in , 2 escutcheons $7\frac{1}{4}\times2\frac{1}{4}$ in., *for single doors*, w't $1\frac{3}{4}$ lbs.	"	3.00
No. SC7124	SLIDING DOOR LOCK SETS, $5\frac{3}{8}\times3\frac{1}{4}$ in., *flat front*, backset $1\frac{7}{8}$ in., 4 escutcheons $7\frac{1}{4}\times2\frac{1}{4}$ in., *for double doors*, w't 4 lbs.	"	4.50
No. SC7126	SLIDING DOOR LOCK SETS, $5\frac{3}{8}\times3\frac{1}{4}$ in., *astragal front*, otherwise same as No. 7124, w't $4\frac{1}{4}$ lbs.	"	5.50
	ONE SET IN A BOX, WITH SCREWS.		
No. SC7142	DOOR KNOBS, $2\frac{5}{8}$ in., triplex spindle, with roses, w't per doz. 11 lbs.	per dozen	$13.00
No. SC7163	FLUSH SASH LIFTS, $3\frac{3}{4}\times1\frac{1}{2}$ in., w't per doz. 1 lb.	"	2.50
No. SC7155	PUSH PLATES, $10\times2\frac{3}{4}$ in., w't per doz. 5 lbs.	"	16.50
No. SC7157	PUSH BUTTONS, $4\frac{3}{4}\times1\frac{1}{2}$ in., w't per doz. 1 lb.	"	11.00
	DOOR KNOBS AND PUSH PLATES, HALF DOZEN; SASH LIFTS AND PUSH BUTTONS, ONE DOZEN IN A BOX.		

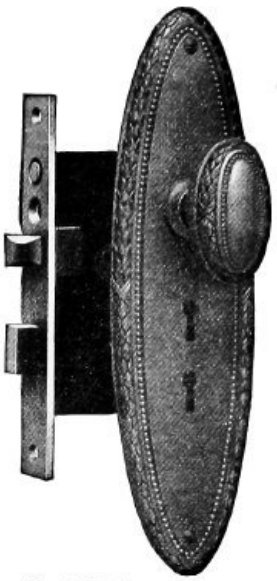
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

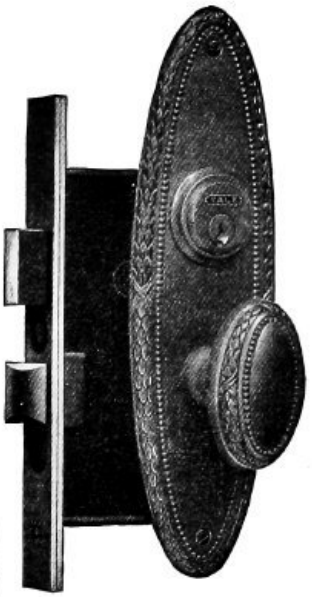
HELLENIAN DESIGN—WROUGHT BRONZE.



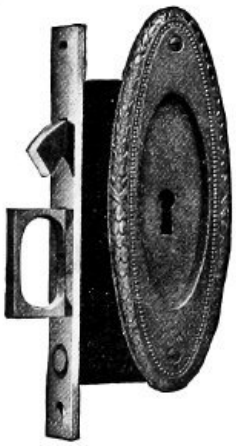
No. 729 Inside Door Set.



No. 7214 Front Door Set.



No. 7218 Front Door Set.



No. 7222 Sliding Door Set.

No. 7242 Door Knob.

No. 7266 Drop Drawer Pull.

No. 7263 Flush Sash Lift.

No. 7255 Push Plate.

No. 7257 Push Button.

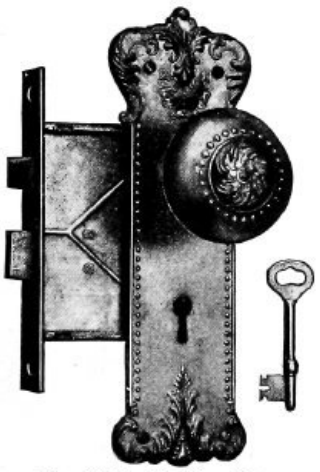
Polished Old Copper	Polished Natural Brass	Japanned Iron Case, Bronze Front, Strike and Bolts.	
No. OC729	**No. A729**	INSIDE LOCK SETS, $3\frac{3}{4}\times3\frac{1}{4}$ in., backset $2\frac{1}{2}$ in., 2 escutcheons $7\times2\frac{1}{2}$ in., $2\frac{5}{8}$ in. oval knobs, $\frac{5}{16}$ in. triplex spindle, steel key, w't per doz. sets 30 lbs. ..... per dozen sets	$35.00
No. OC7214	**No. A7214**	FRONT DOOR LOCK SETS, $4\frac{3}{4}\times3\frac{5}{8}$ in., backset $2\frac{3}{4}$ in., outside escutcheon $10\frac{1}{2}\times3$ in., inside escutcheon $7\times2\frac{1}{2}$ in., $2\frac{5}{8}$ in. oval knobs, $\frac{5}{16}$ in. triplex spindle, 2 latch keys, 1 dead bolt key, w't $3\frac{1}{4}$ lbs. ... per set	4.75
No. OC7215	**No. A7215**	FRONT DOOR AND VESTIBULE SETS, $3\frac{3}{8}\times3\frac{1}{2}$ in., vestibule latch, backset $2\frac{3}{4}$ in., 2 escutcheons $7\times2\frac{1}{2}$ in., $2\frac{5}{8}$ in. oval knobs, $\frac{5}{16}$ in. triplex swivel spindle, 2 steel keys, complete with No. 7214 front door set, w't $5\frac{1}{2}$ lbs. ..... per set	8.50
No. OC7218	**No. A7218**	FRONT DOOR LOCK SETS, $6\times3\frac{1}{2}$ in., *with cylinder*, adjustable for $1\frac{3}{8}$ to $2\frac{1}{4}$ in. doors, backset $2\frac{3}{4}$ in., outside escutcheon $10\frac{1}{2}\times3$ in., inside escutcheon $7\frac{1}{2}\times2\frac{1}{2}$ in., $2\frac{5}{8}$ in. oval knobs, triplex swivel spindle, 3 paracentric keys, same key operates both dead and latch bolts, w't 6 lbs. ..... per set	13.00
No. OC7219	**No. A7219**	FRONT DOOR AND VESTIBULE SETS, $5\times3\frac{1}{2}$ in., vestibule latch, otherwise same as No. 7218, complete with No. 7218 front door set, w't 11 lbs. ..... per set	22.75
No. OC7222	**No. A7222**	SLIDING DOOR LOCK SETS, $5\frac{1}{4}\times4$ in., backset $2\frac{5}{8}$ in., 2 cup escutcheons $7\times2\frac{5}{8}$ in., *for single doors*, w't $2\frac{1}{4}$ lbs. ..... per set	3.60
No. OC7224	**No. A7224**	SLIDING DOOR LOCK SETS, $5\frac{1}{4}\times4$ in., *flat front*, backset $2\frac{5}{8}$ in., 4 cup escutcheons $7\times2\frac{5}{8}$ in., *for double doors*, w't 4 lbs. ..... per set	5.60
No. OC7226	**No. A7226**	SLIDING DOOR LOCK SETS, $5\frac{1}{4}\times3\frac{5}{8}$ in., *astragal front*, otherwise same as No. 7224, w't 4 lbs. ..... "	6.60
		ONE SET IN A BOX, WITH SCREWS.	
No. OC7242	**No. A7242**	DOOR KNOBS, $2\frac{1}{4}$ in., with roses, triplex spindle, w't per doz. $10\frac{1}{2}$ lbs. ..... per dozen	$15.00
No. OC7263	**No. A7263**	FLUSH SASH LIFTS, $4\frac{1}{2}$ in., w't per doz. $1\frac{1}{4}$ lbs. ..... "	3.50
No. OC7266	**No. A7266**	DROP DRAWER PULLS, $4\frac{1}{2}$ in., w't per doz. $2\frac{1}{2}$ lbs. ..... "	12.50
No. OC7255	**No. A7255**	PUSH PLATES, $10\frac{1}{2}\times3$ in., w't per doz. 5 lbs. ..... "	8.60
No. OC7257	**No. A7257**	PUSH BUTTONS, $5\times2\frac{3}{8}$ in., w't per doz. $2\frac{1}{3}$ lbs. ..... "	17.50

DOOR KNOBS, HALF DOZEN; FLUSH SASH LIFTS, DRAWER PULLS AND PUSH BUTTONS, ONE DOZEN; PUSH PLATES, ONE-THIRD DOZEN IN A BOX.

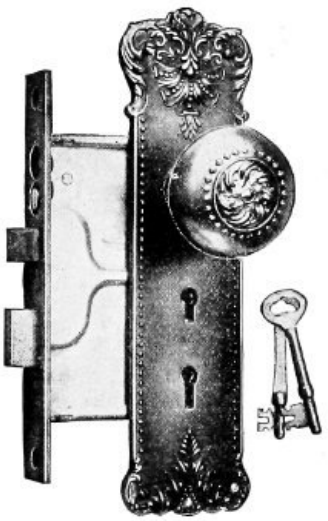
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES AND TURNS, 421 and 422.

LOCK SETS AND TRIMMINGS.

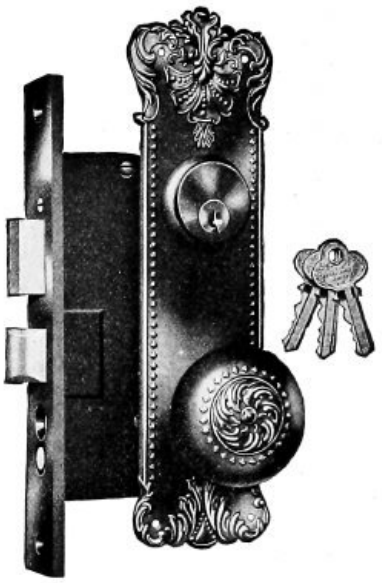
CLINTON DESIGN—WROUGHT BRONZE.



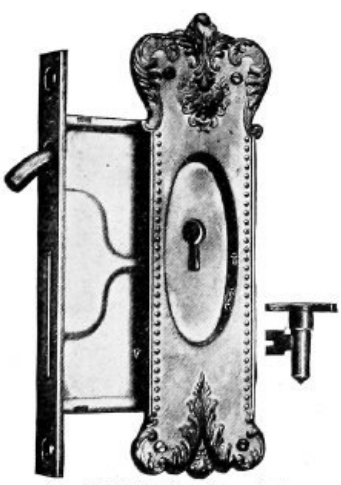
No. 739 Inside Door Set.



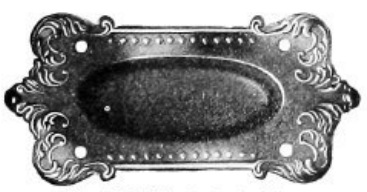
No. 7314 Front Door Set.



No. 7318 Front Door Set.

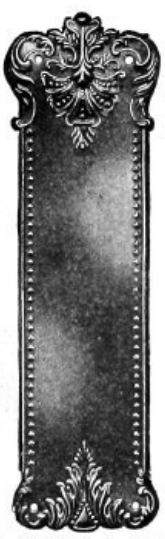


No. 7322 Sliding Door Set.



No. 7363 Flush Sash Lift.

No. 7366 Drop Drawer Pull.



No. 7355 Push Plate.

No. 7357 Push Button.

Old Copper Finish	Shaded Antique Brass	Dull or Lemon Brass
No. OC739	No. AB739	No. DB739
No. OC7314	No. AB7314	No. DB7314
No. OC7315	No. AB7315	No. DB7315
No. OC7318	No. AB7318	No. DB7318
No. OC7319	No. AB7319	No. DB7319
No. OC7322	No. AB7322	No. DB7322
No. OC7324	No. AB7324	No. DB7324
No. OC7326	No. AB7326	No. DB7326
No. OC7342	No. AB7342	No. DB7342
No. OC7363	No. AB7363	No. DB7363
No. OC7366	No. AB7366	No. DB7366
No. OC7355	No. AB7355	No. DB7355
No. OC7357	No. AB7357	No. DB7357

Easy Spring, Bronze Front, Strike and Bolts, Steel Case (except Nos. 7318 and 7319).

INSIDE LOCK SETS, $3\frac{3}{4}\times3\frac{1}{4}$ in., backset $2\frac{1}{2}$ in., 2 escutcheons $8\times2\frac{3}{4}$ in., $2\frac{1}{4}$ in. *one-piece knobs*, steel key, w't per doz. sets 24 lbs. ..... per dozen sets $27.00

FRONT DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., backset $2\frac{5}{8}$ in., 2 escutcheons $9\times2\frac{1}{4}$ in., $2\frac{1}{4}$ in. *one-piece knobs*, $\frac{5}{16}$ in. swivel spindle, 2 night keys, 1 dead bolt key, w't 3 lbs. ..... per set 4.80

FRONT DOOR AND VESTIBULE SETS, $5\times3\frac{3}{8}$ in., vestibule latch, backset $2\frac{3}{4}$ in., 2 escutcheons $8\times2\frac{1}{8}$ in., $2\frac{1}{4}$ in. *one-piece knobs*, $\frac{5}{16}$ in. swivel spindle, 2 steel keys, complete with No. 7314 front door set, w't $5\frac{1}{4}$ lbs. ..... per set 9.50

FRONT DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., *with cylinder*, adjustable for $1\frac{3}{4}$ to $2\frac{1}{2}$ in. doors, backset $2\frac{3}{4}$ in., 2 escutcheons $9\times2\frac{1}{4}$ in., $2\frac{1}{4}$ in. one-piece knobs, $\frac{5}{16}$ in. swivel spindle, 3 German silver keys, gold plated, w't $3\frac{1}{2}$ lbs. ..... per set 13.00

FRONT DOOR AND VESTIBULE SETS, $4\frac{1}{2}\times3\frac{1}{2}$ in., vestibule latch, 2 escutcheons $9\times2\frac{1}{4}$ in., otherwise same as No. 7318, complete with No. 7318 front door set, w't $6\frac{1}{4}$ lbs. ..... per set 24.00

SLIDING DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., backset $2\frac{3}{8}$ in., 2 cup escutcheons $8\times2\frac{1}{8}$ in., *for single doors*, bolt and push button combined, w't $1\frac{3}{4}$ lbs. ..... per set 3.60

SLIDING DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., flat front, backset $2\frac{3}{8}$ in., 4 cup escutcheons $8\times2\frac{1}{8}$ in., *for double doors*, bolt and push button combined, w't 3 lbs., per set 5.00

SLIDING DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., *astragal front*, otherwise same as No. 7324, w't 3 lbs. ..... per set 5.50

ONE SET IN A BOX, WITH SCREWS.

DOOR KNOBS, $2\frac{1}{4}$ in., *one piece*, with roses, w't per doz. 9 lbs. ..... per dozen $16.00

FLUSH SASH LIFTS, $3\frac{3}{4}\times1\frac{1}{2}$ in., w't per doz. $\frac{3}{4}$ lb. ..... " 3.15

DROP DRAWER PULLS, $3\frac{3}{4}$ in., w't per doz. 3 lbs. ..... " 15.00

PUSH PLATES, $9\times2\frac{1}{4}$ in., w't per doz. 4 lbs. ..... " 14.50

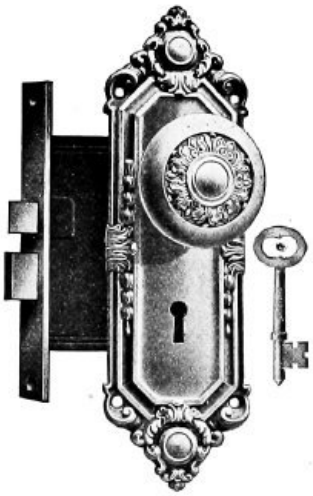
PUSH BUTTONS, $4\frac{1}{4}\times1\frac{5}{8}$ in., w't per doz. $3\frac{1}{2}$ lbs. ..... " 9.50

DOOR KNOBS, HALF DOZEN; SASH LIFTS AND DRAWER PULLS, ONE DOZEN; PUSH PLATES, ONE-QUARTER DOZEN; PUSH BUTTONS, ONE IN A BOX.

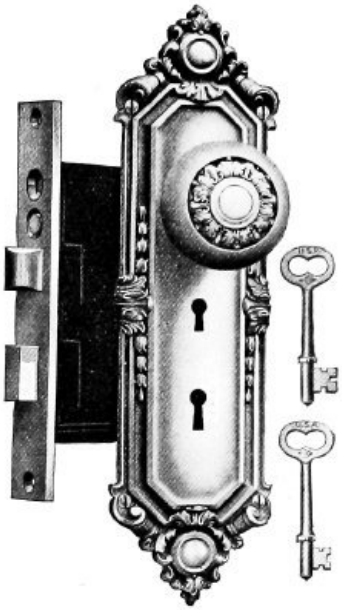
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

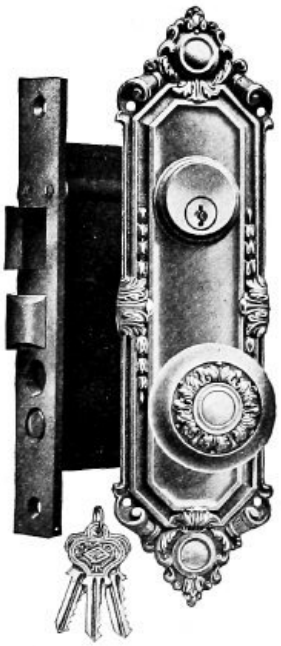
ST. JULIEN DESIGN—WROUGHT BRONZE.



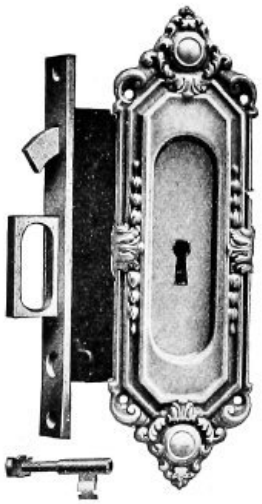
No. 749 Inside Door Set.



No. 7414 Front Door Set.



No. 7418 Front Door Set.



No. 7422 Sliding Door Set.

No. 7463 Flush Sash Lift.

No. 7466 Drawer Pull.

No. 7455 Push Plate.

No. 7457 Push Button.

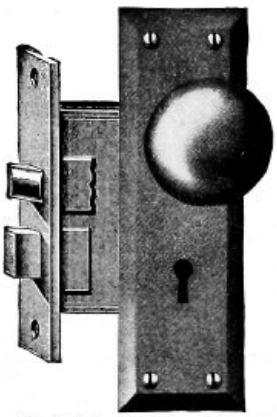
Old Copper Finish	Shaded Antique Brass	Dull or Lemon Brass	Japanned Iron Case, Bronze Front, Strike and Bolts.	
No. OC749	No. AB749	No. DB749	INSIDE LOCK SETS, $3\frac{5}{8}\times3\frac{1}{4}$ in., backset $2\frac{3}{8}$ in., 2 escutcheons $8\frac{1}{2}\times2\frac{1}{2}$ in., $2\frac{1}{4}$ in. *one-piece* knobs, 2 steel keys, w't per doz. sets 30 lbs. ..... per dozen sets	$28.50
No. OC7414	No. AB7414	No. DB7414	FRONT DOOR LOCK SETS, $4\frac{7}{8}\times3\frac{1}{2}$ in., backset $2\frac{1}{2}$ in., outside escutcheon $10\frac{3}{4}\times2\frac{3}{4}$ in., plate escutcheon $8\frac{1}{2}\times2\frac{1}{2}$ in., $2\frac{1}{4}$ in. *one-piece* knobs, $\frac{5}{16}$ in. swivel spindle, 2 latch keys, 1 dead bolt key, w't $3\frac{1}{2}$ lbs. ..... per set	5.50
No. OC7418	No. AB7418	No. DB7418	FRONT DOOR LOCK SETS, $5\frac{1}{2}\times3$ in., *with cylinder*, adjustable for $1\frac{5}{8}$ to $3\frac{1}{2}$ in. doors, backset $2\frac{3}{4}$ in., 2 escutcheons $10\frac{3}{4}\times2\frac{3}{4}$ in., $2\frac{1}{4}$ in. *one-piece* knobs, swivel spindle, 3 German silver keys, changes unlimited, same key operates both dead and latch bolts, w't 5 lbs. ..... per set	13.00
No. OC7419	No. AB7419	No. DB7419	FRONT DOOR AND VESTIBULE SETS, vestibule latch, 1 escutcheon $10\frac{3}{4}\times3\frac{1}{4}$ in., otherwise same as No. 7418, complete with No. 7418 front door set, w't 10 lbs. ..... per set	24.00
No. OC7422	No. AB7422	No. DB7422	SLIDING DOOR LOCK SETS, $4\frac{3}{4}\times3$ in., backset $1\frac{7}{8}$ in., 2 escutcheons $8\frac{1}{2}\times2\frac{1}{2}$ in., *for single doors*, w't 2 lbs. ..... per set	3.75
No. OC7424	No. AB7424	No. DB7424	SLIDING DOOR LOCK SETS, $4\frac{3}{4}\times3$ in., *flat front*, backset $1\frac{7}{8}$ in., 4 escutcheons $8\frac{1}{2}\times2\frac{1}{2}$ in., *for double doors*, w't $3\frac{1}{2}$ lbs. ..... per set	5.75
No. OC7426	No. AB7426	No. DB7426	SLIDING DOOR LOCK SETS, $4\frac{3}{4}\times3$ in., *astragal front*, otherwise same as No. 7424, w't 4 lbs., per set	6.80
			ONE SET IN A BOX, WITH SCREWS.	
No. OC7442	No. AB7442	No. DB7442	DOOR KNOBS, $2\frac{1}{4}$ in., *one-piece*, with roses, w't per doz. $8\frac{1}{2}$ lbs. ..... per dozen	$12.00
No. OC7463	No. AB7463	No. DB7463	FLUSH SASH LIFTS, $5\times1\frac{5}{8}$ in., w't per doz. 1 lb. ..... "	3.65
No. OC7466	No. AB7466	No. DB7466	DRAWER PULLS, 5 in., w't per doz. $2\frac{1}{2}$ lbs. ..... "	12.00
No. OC7455	No. AB7455	No. DB7455	PUSH PLATES, $10\frac{3}{4}\times2\frac{3}{4}$ in., w't per doz. $8\frac{1}{2}$ lbs. ..... "	23.00
No. OC7457	No. AB7457	No. DB7457	PUSH BUTTONS, $5\times1\frac{5}{8}$ in., w't per doz. 1 lb. ..... "	20.00

DOOR KNOBS, ONE-QUARTER DOZEN; PUSH BUTTONS AND PUSH PLATES, HALF DOZEN; DRAWER PULLS AND SASH LIFTS, ONE DOZEN IN A BOX.

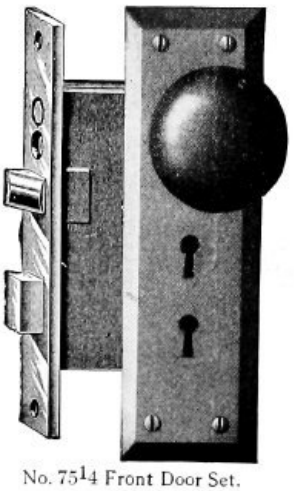
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

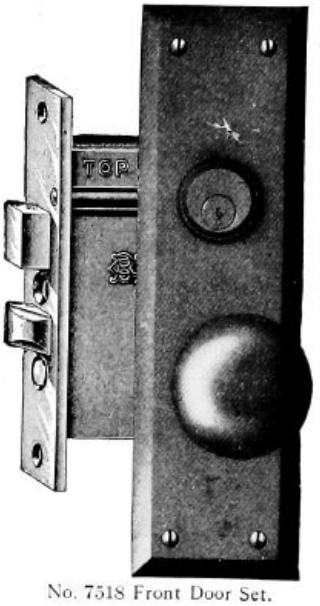
STRATFORD DESIGN—WROUGHT BRONZE.



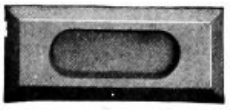
No. 759 Inside Door Set.



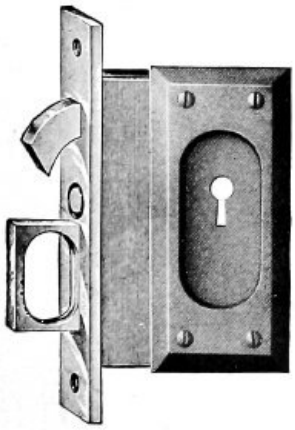
No. 7514 Front Door Set.



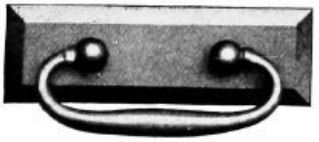
No. 7518 Front Door Set.



No. 7563 Flush Sash Lift.

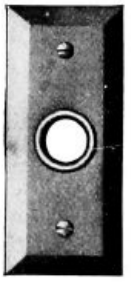


No. 7522 Sliding Door Set.



No. 7566 Drop Drawer Pull.

No. 7555 Push Plate.



No. 7557 Push Button.

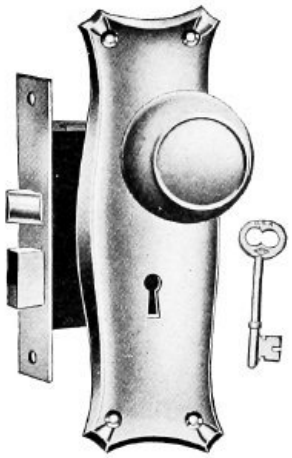
Plain Bronze Metal	Polished Old Copper	Dull or Lemon Brass	Japanned Iron Case, Bronze Front, Strike and Bolts, Easy Spring.	
No. P759	No. OC759	No. DB759	INSIDE LOCK SETS, $3\frac{3}{4}\times3\frac{1}{4}$ in., backset $2\frac{3}{8}$ in., 2 escutcheons $7\times2\frac{1}{4}$ in., $2\frac{1}{4}$ in. *one-piece knobs*, steel key, w't per doz. sets 30 lbs. ..... per dozen sets	$28.50
No. P7514	No. OC7514	No. DB7514	FRONT DOOR LOCK SETS, $5\times3\frac{5}{8}$ in., backset $2\frac{3}{4}$ in., outside escuctheon $8\times2\frac{1}{2}$ in., inside key plate and rose, $2\frac{1}{4}$ in. *one-piece knobs*, $\frac{5}{16}$ in. swivel spindle, 2 latch keys, 1 dead bolt key, w't $3\frac{1}{2}$ lbs. ..... per set	5.50
No. P7518	No. OC7518	No. DB7518	FRONT DOOR LOCK SETS, $5\times3\frac{5}{8}$ in., *with cylinder*, adjustable for $1\frac{3}{8}$ to $2\frac{1}{4}$ in. doors, backset $2\frac{3}{4}$ in., outside escutcheon 10×3 in., inside escutcheon $7\times2\frac{1}{4}$ in., $2\frac{1}{4}$ in. *one-piece knobs*, $\frac{5}{16}$ in. swivel spindle, 3 gold plated German silver keys, w't $4\frac{3}{4}$ lbs .... per set	13.00
No. P7519	No. OC7519	No. DB7519	FRONT DOOR AND VESTIBULE SETS, $4\frac{1}{8}\times3\frac{5}{8}$ in., vestibule latch, outside escutcheon $8\times2\frac{1}{2}$ in., inside escutcheon $7\times2\frac{1}{4}$ in., otherwise same as No. 7518, complete with No. 7518 front door set, w't $8\frac{1}{2}$ lbs. ..... per set	24.00
No. P7522	No. OC7522	No. DB7522	SLIDING DOOR LOCK SETS, $5\times3\frac{5}{8}$ in., backset $2\frac{1}{4}$ in., 2 escutcheons $6\times2\frac{1}{2}$ in., *for single doors*, w't 2 lbs. ..... per set	3.75
No. P7524	No. OC7524	No. DB7524	SLIDING DOOR LOCK SETS, $5\times3\frac{5}{8}$ in., *flat front*, backset $2\frac{1}{4}$ in., 4 escutcheons $6\times2\frac{1}{4}$ in., *for double doors*, w't $3\frac{1}{2}$ lbs. ..... per set	5.75
No. P7526	No. OC7526	No. DB7526	SLIDING DOOR LOCK SETS, $5\times3\frac{5}{8}$ in., *astragal front*, otherwise same as No. 7524, w't 4 lbs. ..... per set	6.80
			ONE SET IN A BOX, WITH SCREWS.	
No. P7542	No. OC7542	No. DB7542	DOOR KNOBS, $2\frac{1}{4}$ in., *one-piece*, with roses, w't per doz. 9 lbs. ..... per dozen	$15.00
No. P7563	No. OC7563	No. DB7563	FLUSH SASH LIFTS, $3\frac{1}{4}\times1\frac{3}{4}$ in., w't per doz. 1 lb. ..... "	3.65
No. P7566	No. OC7566	No. DB7566	DROP DRAWER PULLS, $1\frac{1}{4}\times4$ in., w't per doz. $2\frac{1}{2}$ lbs. ..... "	12.00
No. P7555	No. OC7555	No. DB7555	PUSH PLATES, 10×3 in., w't per doz. $5\frac{1}{4}$ lbs. ..... "	23.00
No. P7557	No. OC7557	No. DB7557	PUSH BUTTONS, $3\frac{1}{4}\times1\frac{1}{4}$ in., w't $3\frac{1}{4}$ lbs. ..... "	20.00

DOOR KNOBS, HALF DOZEN; SASH LIFTS, TWO DOZEN; DRAWER PULLS, PUSH PLATES AND PUSH BUTTONS, ONE DOZEN IN A BOX.

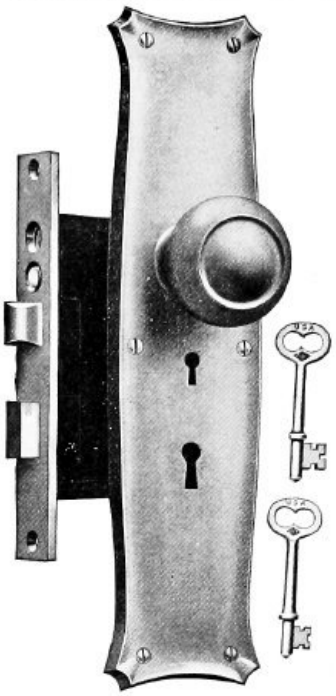
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

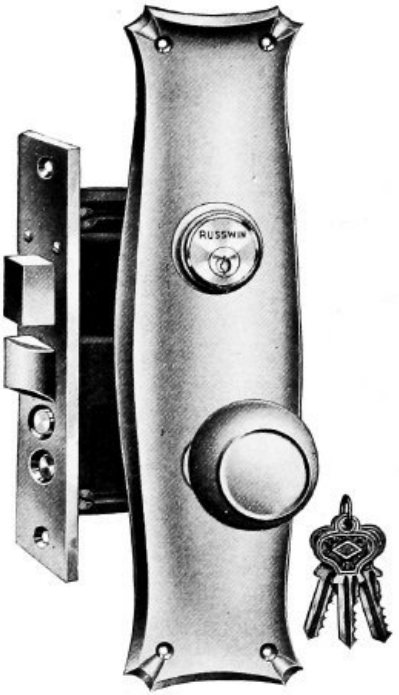
DORSET DESIGN—WROUGHT BRONZE.



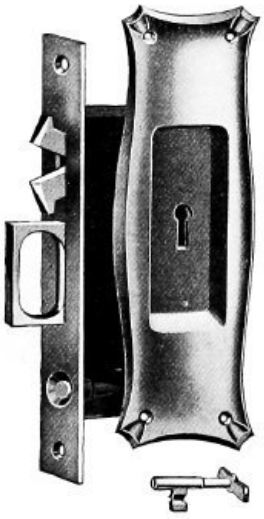
No. 769 Inside Door Set.



No. 7614 Front Door Set.

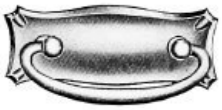


No. 7618 Front Door Set.

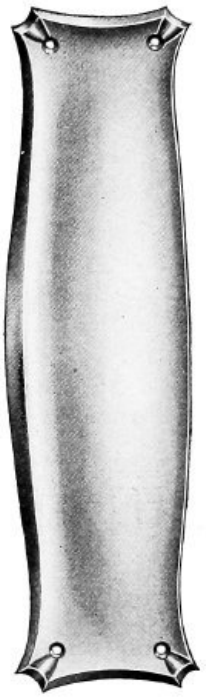


No. 7622 Sliding Door Set.

No. 7663 Flush Sash Lift.



No. 7666 Drop Drawer Pull.



No. 7655 Push Plate.

No. 7642 Door Knobs.

No. 7657 Push Button.

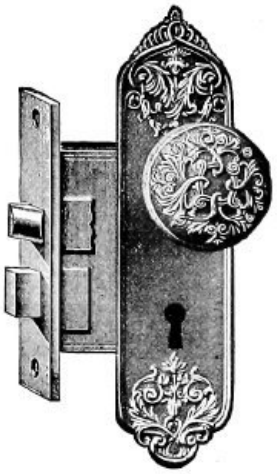
Old Copper	Dull or Lemon Brass		
		Cast Case, Bronze Front, Strike and Bolts.	
No. OC769	**No. DB769**	INSIDE LOCK SETS, 3½×3⅛ in., backset 2⅜ in., 2 escutcheons 7¾×2½ in., 2¼ in. *one-piece knobs*, steel key, w't per doz. sets 30 lbs. ..... per dozen sets	$28.50
No. OC7614	**No. DB7614**	FRONT DOOR LOCK SETS, 4¾×3⅝ in., backset 2¾ in., outside escutcheon 12×3 in., inside escutcheon 7¾×2½ in., 2¼ in. *one-piece knobs*, swivel spindle, 2 latch keys, 1 dead bolt key, w't 3 lbs. ..... per set	5.50
No. OC7618	**No. DB7618**	FRONT DOOR LOCK SETS, 5½×4 in., *with cylinder*, adjustable for 2⅛ to 2¾ in. doors, back set 2⅞ in., outside escutcheon 12×3 in., inside escutcheon 7¾×2½ in., 2¼ in. *one-piece knobs*, swivel spindle, 3 gold plated German silver keys, w't 5 lbs. ..... per set	14.00
No. OC7619	**No. DB7619**	FRONT DOOR AND VESTIBULE SETS, 5½×4 in., vestibule latch, 2 escutcheons 7¾×2½ in., otherwise same as No. 7618, complete with No. 7618 front door set, w't 8¾ lbs. ..... per set	26.00
No. OC7622	**No. DB7622**	SLIDING DOOR LOCK SETS, 5½×3½ in., backset 2 in., 2 escutcheons 7¾×2½ in., *for single doors*, w't 3¾ lbs. ..... per set	3.75
No. OC7624	**No. DB7624**	SLIDING DOOR LOCK SETS, 5½×3½ in., *flat front*, backset 2 in., 4 escutcheons 7¾×2½ in., *for double doors*, w't 3¾ lbs. ..... per set	5.75
No. OC7626	**No. DB7626**	SLIDING DOOR LOCK SETS, 5½×3½ in., *astragal front*, otherwise same as No. 7624, w't 3¾ lbs. ..... per set	6.80
		ONE SET IN A BOX, WITH SCREWS.	
No. OC7642	**No. DB7642**	DOOR KNOBS, 2¼ in., *one-piece*, with-roses, w't per doz. 12 lbs. ..... per dozen	$16.00
No. OC7663	**No. DB7663**	FLUSH SASH LIFTS, 3¾×1½ in., w't per doz. 1 lb. ..... "	3.00
No. OC7666	**No. DB7666**	DROP DRAWER PULLS, 3¾×1½ in., w't per doz. 2½ lbs. ..... "	12.00
No. OC7655	**No. DB7655**	PUSH PLATES, 12×3 in., w't per doz. 6 lbs. ..... "	16.00
No. OC7657	**No. DB7657**	PUSH BUTTONS, 3¾×1½ in., w't per doz. 1 lb. ..... "	13.00

DOOR KNOBS, ONE-QUARTER DOZEN; SASH LIFTS AND DRAWER PULLS, ONE DOZEN; PUSH PLATES AND PUSH BUTTONS, HALF DOZEN IN A BOX.

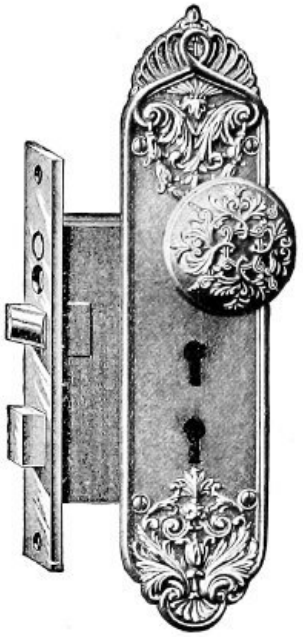
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

LOCK SETS AND TRIMMINGS.

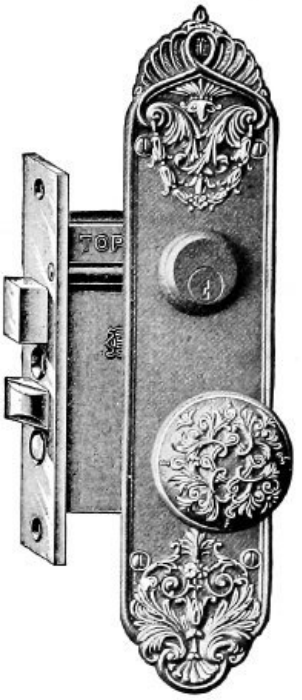
BALTIC DESIGN—CAST BRONZE.



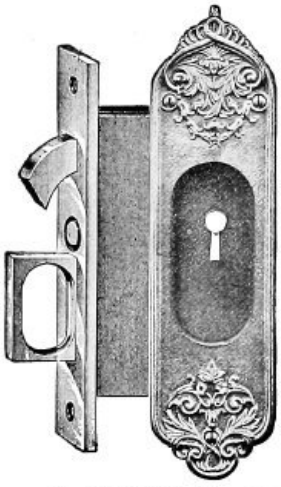
No. 919 Inside Door Set



No. 9114 Front Door Set.



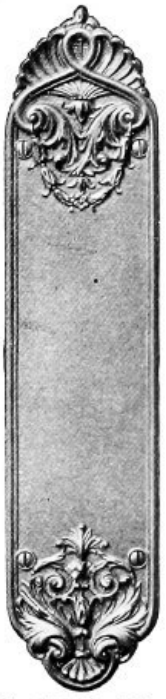
No. 9118 Front Door Set.



No. 9122 Sliding Door Set.

No. 9163 Flush Sash Lift.

No. 9166 Drop Drawer Pull.



No. 9155 Push Plate.

No. 9157 Push Button.

Sand Blast Old Copper	Japanned Iron Case, Bronze Front, Strike and Bolts.	
No. SC919	INSIDE LOCK SETS, $3\frac{3}{4}\times3$ in., backset $2\frac{1}{8}$ in., 2 escutcheons $8\times2\frac{1}{8}$ in., $2\frac{1}{4}$ in. knobs, steel key, w't per doz. sets 32 lbs., per dozen sets	$32.00
No. SC9114	FRONT DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., backset $2\frac{5}{8}$ in., outside escutcheon $10\frac{7}{8}\times2\frac{3}{4}$ in., inside escutcheon $9\frac{5}{8}\times2\frac{1}{8}$ in., $2\frac{1}{4}$ in. knobs, swivel spindle, 2 latch keys, 1 dead bolt key, w't $4\frac{1}{2}$ lbs. per set	5.75
No. SC9118	FRONT DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., *with cylinder*, adjustable for $1\frac{3}{4}$ to $2\frac{1}{4}$ in. doors, backset $2\frac{1}{2}$ in., outside escutcheon $11\frac{3}{4}\times2\frac{5}{8}$ in., inside escutcheon $8\times2\frac{1}{8}$ in., $2\frac{1}{4}$ in. knobs, swivel spindle, 3 German silver keys, w't $5\frac{1}{2}$ lbs. per set	11.50
No. SC9119	FRONT DOOR AND VESTIBULE SETS, $4\frac{1}{8}\times3\frac{1}{2}$ in., vestibule latch, outside escutcheon $11\times2\frac{1}{8}$ in., inside escutcheon $8\times2\frac{1}{8}$ in., otherwise same as No. 9118, complete with No. 9118 front door set, w't $9\frac{1}{2}$ lbs. per set	20.00
No. SC9122	SLIDING DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., backset $1\frac{7}{8}$ in., 2 flush cup escutcheons $8\times2\frac{1}{8}$ in., *for single doors*, w't $2\frac{3}{4}$ lbs. "	3.50
No. SC9124	SLIDING DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., *flat front*, backset $1\frac{7}{8}$ in., 4 flush cup escutcheons $8\times2\frac{1}{8}$ in., *for double doors*, w't $4\frac{3}{4}$ lbs., per set	6.00
No. SC9126	SLIDING DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., *astragal front*, otherwise same as No. 9124, w't 5 lbs. per set	6.75
	ONE SET IN A BOX, WITH SCREWS.	
No. SC9142	DOOR KNOBS, $2\frac{1}{4}$ in., with roses, w't per doz. 12 lbs. per dozen	$15.00
No. SC9163	FLUSH SASH LIFTS, $5\times1\frac{1}{2}$ in., w't per doz. $2\frac{1}{2}$ lbs. "	5.75
No. SC9166	DROP DRAWER PULLS, $5\frac{1}{2}\times1\frac{1}{2}$ in., w't per doz. 4 lbs. "	8.50
No. SC9155	PUSH PLATES, $11\frac{3}{4}\times2\frac{1}{2}$ in., w't per doz. $11\frac{1}{2}$ lbs. "	14.00
No. SC9157	PUSH BUTTONS, $6\frac{1}{4}\times2\frac{1}{8}$ in., w't per doz. 5 lbs. "	12.00

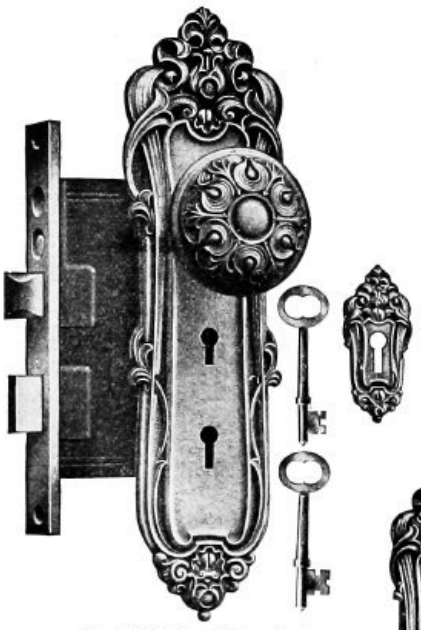
DOOR KNOBS AND PUSH PLATES, HALF DOZEN; SASH LIFTS AND DRAWER PULLS, ONE DOZEN; PUSH BUTTONS, ONE-QUARTER DOZEN IN A BOX.

FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

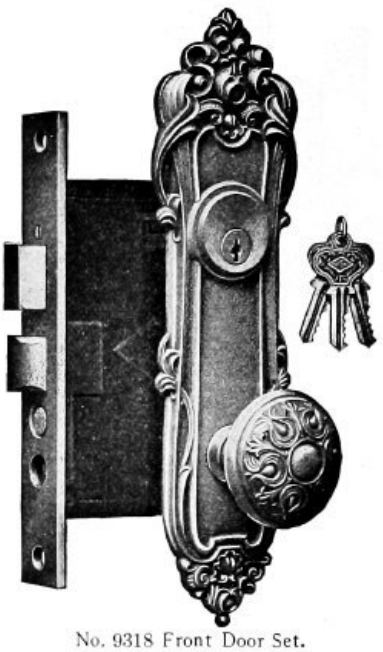
LOCK SETS AND TRIMMINGS.

BRETON DESIGN—CAST BRONZE.

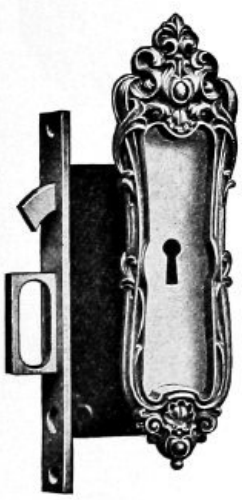
No. 939 Inside Door Set.



No. 9314 Front Door Set.



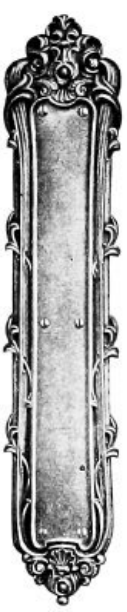
No. 9318 Front Door Set.



No. 9322 Sliding Door Set.

No. 9363 Flush Sash Lift.

No. 9366 Drawer Pull.



No. 9355 Push Plate.

No. 9342 Door Knob.

No. 9357 Push Button.

Sand Blast Old Copper.

Easy Spring, Bronze Front, Strike and Bolts, Japanned Iron Case.

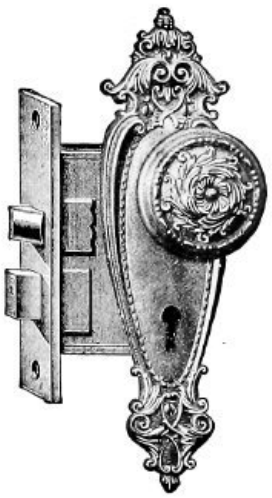
No. SC939	INSIDE LOCK SETS, $3\frac{5}{8}\times3\frac{1}{8}$ in., backset $2\frac{3}{8}$ in., 2 escutcheons $8\times2\frac{3}{8}$ in., $2\frac{1}{4}$ in. knobs, 2 steel keys, w't per doz. sets, 27 lbs., per dozen sets		$35.00
No. SC9314	FRONT DOOR LOCK SETS, $4\frac{7}{8}\times3\frac{1}{2}$ in., backset $2\frac{1}{2}$ in., 1 escutcheon $10\frac{3}{4}\times3\frac{1}{4}$ in., 1 plate escutcheon $2\frac{5}{8}\times1\frac{1}{4}$ in., $2\frac{1}{4}$ in. knobs, $\frac{5}{16}$ in. swivel spindle, 2 night keys, 1 dead bolt key, w't $3\frac{1}{2}$ lbs.	per set	6.00
No. SC9315	FRONT DOOR AND VESTIBULE SETS, $3\frac{3}{8}\times3\frac{3}{8}$ in., vestibule latch, backset $2\frac{1}{2}$ in., 1 escutcheon $8\times2\frac{3}{8}$ in., $2\frac{1}{4}$ in. knobs, swivel spindle, 2 steel keys, complete with No. SC9314 front door set, w't $6\frac{1}{4}$ lbs.	per set	10.00
No. SC9318	FRONT DOOR LOCK SETS, $5\frac{5}{8}\times3\frac{3}{4}$ in., *with cylinder*, adjustable for $1\frac{5}{8}$ to $3\frac{1}{2}$ in. doors, backset $2\frac{3}{4}$ in., 2 escutcheons $10\frac{3}{4}\times3\frac{1}{4}$ in., $2\frac{1}{2}\times2\frac{1}{4}$ in. knobs, swivel spindle, 3 German silver keys, changes unlimited, same key operates both dead and latch bolts, w't 6 lbs.	per set	12.50
No. SC9319	FRONT DOOR AND VESTIBULE SETS, vestibule latch, 1 escutcheon $10\frac{3}{4}\times3\frac{1}{4}$ in., otherwise same as No. SC9318, complete with No. SC9318 front door set, w't $10\frac{1}{2}$ lbs.	per set	21.00
No. SC9322	SLIDING DOOR LOCK SETS, $4\frac{5}{8}\times2\frac{7}{8}$ in., flat, backset $1\frac{7}{8}$ in., 2 escutcheons $8\times2\frac{3}{8}$ in., *for single doors*, w't $2\frac{1}{2}$ lbs.	"	3.50
No. SC9324	SLIDING DOOR LOCK SETS, $4\frac{3}{4}\times3$ in., flat, backset 2 in., 4 escutcheons $8\times2\frac{3}{8}$ in., *for double doors*, w't $4\frac{1}{2}$ lbs.	"	6.00
No. SC9326	SLIDING DOOR LOCK SETS, $4\frac{3}{4}\times3$ in., *astragal*, otherwise same as No. SC9324, w't 5 lbs.	"	6.75
	ONE SET IN A BOX, WITH SCREWS.		
No. SC9342	DOOR KNOBS, $2\frac{1}{4}$ in., w't per doz. 11 lbs.	per dozen	$16.00
No. SC9363	FLUSH SASH LIFTS, $4\frac{1}{8}\times1\frac{5}{8}$ in., w't per doz. 2 lbs	"	5.25
No. SC9366	DROP DRAWER PULLS, $4\frac{1}{8}$ in., w't per doz. $3\frac{1}{2}$ lbs.	"	12.00
No. SC9355	PUSH PLATES, $10\frac{3}{4}\times3\frac{1}{4}$ in., w't per doz. $7\frac{1}{2}$ lbs.	"	24.00
No. SC9357	PUSH BUTTONS, $4\frac{1}{8}\times1\frac{5}{8}$ in., w't per doz. 2 lbs.	"	17.50

DOOR KNOBS, PUSH BUTTONS AND FLUSH SASH LIFTS, HALF DOZEN; DRAWER PULLS, ONE DOZEN; PUSH PLATES, ONE-QUARTER DOZEN IN A BOX.

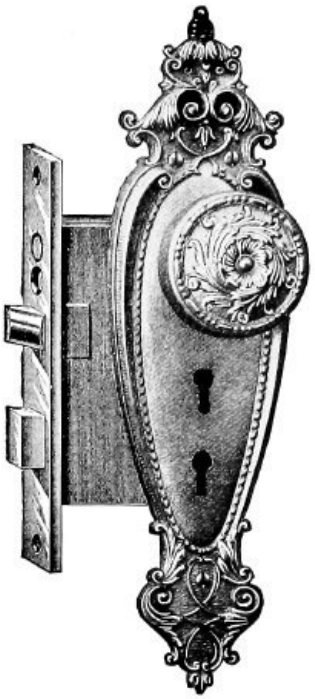
FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES 421 and 422.

LOCK SETS AND TRIMMINGS.

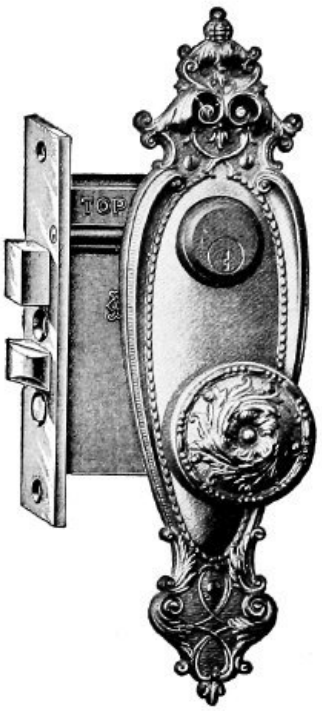
ARCOLA DESIGN—CAST BRONZE.



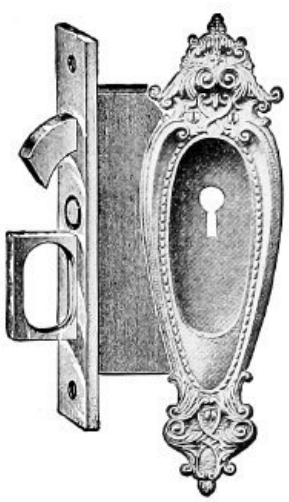
No. 949 Inside Door Set.



No. 9414 Front Door Set.



No. 9418 Front Door Set.



No. 9422 Sliding Door Set.

No. 9463 Flush Sash Lift.

No. 9466 Drop Drawer Pull.

No. 9455 Push Plate.

No. 9457 Push Button.

Sand Blast
Old Copper

Japanned Iron Case, Bronze Front, Strike and Bolts.

No. SC949	INSIDE LOCK SETS, $3\frac{3}{4}\times3$ in., backset $2\frac{1}{4}$ in., 2 escutcheons $8\frac{1}{4}\times2\frac{3}{8}$ in., $2\frac{1}{4}$ in. knobs, steel key, w't per doz. sets 34 lbs., per dozen sets	$40.00
No. SC9414	FRONT DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., backset $2\frac{5}{8}$ in., outside escutcheon $11\frac{3}{4}\times3\frac{1}{4}$ in., inside escutcheon $9\times2\frac{3}{8}$ in., $2\frac{1}{4}$ in. knobs, swivel spindle, 2 latch keys, 1 dead bolt key, w't $4\frac{1}{2}$ lbs. per set	6.00
No. SC9418	FRONT DOOR LOCK SETS, $5\times3\frac{1}{2}$ in., *with cylinder*, adjustable for $1\frac{3}{8}$ to $2\frac{1}{4}$ in. doors, backset $2\frac{1}{2}$ in., outside escutcheon $11\frac{3}{4}\times3\frac{1}{4}$ in., inside escutcheon $8\frac{1}{4}\times2\frac{3}{8}$ in., $2\frac{1}{4}$ in. knobs, swivel spindle, 3 gold plated German silver keys, w't $5\frac{1}{2}$ lbs., per set	13.50
No. SC9419	FRONT DOOR AND VESTIBULE SETS, $4\frac{1}{8}\times3\frac{1}{2}$ in., vestibule latch, outside escutcheon $11\frac{3}{4}\times3\frac{1}{4}$ in., inside escutcheon $8\frac{1}{4}\times2\frac{3}{8}$ in., otherwise same as No 9418, complete with No. 9418 front door set, w't $10\frac{1}{4}$ lbs. per set	24.00
No. SC9422	SLIDING DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., backset $1\frac{7}{8}$ in., 2 cup escutcheons $8\frac{1}{4}\times2\frac{3}{8}$ in., *for single doors*, w't $2\frac{3}{4}$ lbs. "	3.50
No. SC9424	SLIDING DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., *flat front*, backset $1\frac{7}{8}$ in., 4 cup escutcheons $8\frac{1}{4}\times3\frac{3}{8}$ in., *for double doors*, w't $4\frac{3}{4}$ lbs., per set	5.25
No. SC9426	SLIDING DOOR LOCK SETS, $5\times3\frac{3}{8}$ in., *astragal front*, otherwise same as No. 9424, w't 5 lbs. per set	6.50

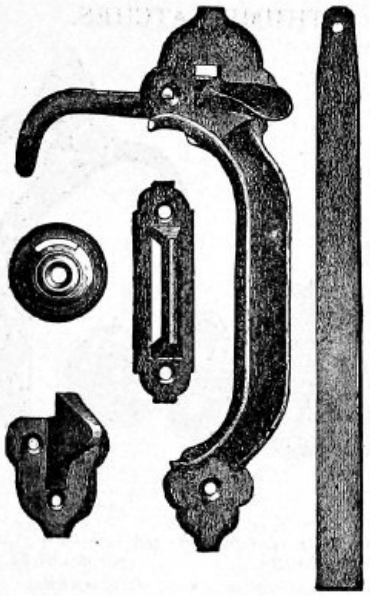
ONE SET IN A BOX, WITH SCREWS.

No. SC9442	DOOR KNOBS, $2\frac{1}{4}$ in., with roses, wt per doz. $9\frac{1}{2}$ lbs.	per dozen	$18.00
No. SC9463	FLUSH SASH LIFTS, $5\frac{1}{4}\times1\frac{1}{2}$ in., w't per doz. 2 lbs.	"	6.00
No. SC9466	DROP DRAWER PULLS, $5\frac{1}{4}\times1\frac{1}{2}$ in., w't per doz. $3\frac{1}{4}$ lbs.	"	14.00
No. SC9455	PUSH PLATES, $11\frac{3}{4}\times3\frac{1}{4}$ in., w't per doz. 11 lbs.	"	17.00
No. SC9457	PUSH BUTTONS, $6\frac{7}{8}\times2\frac{1}{4}$ in., w't per doz. 5 lbs.	"	18.00

DOOR KNOBS AND PUSH BUTTONS, HALF DOZEN; SASH LIFTS AND DRAWER PULLS, ONE DOZEN; PUSH BUTTONS, ONE-SIXTH DOZEN IN A BOX.

FOR BUTTS, SEE PAGES 440 and 441; SASH LOCKS, 417; BOLTS, 425; SASH LIFTS, 416; CATCHES, 421 and 422.

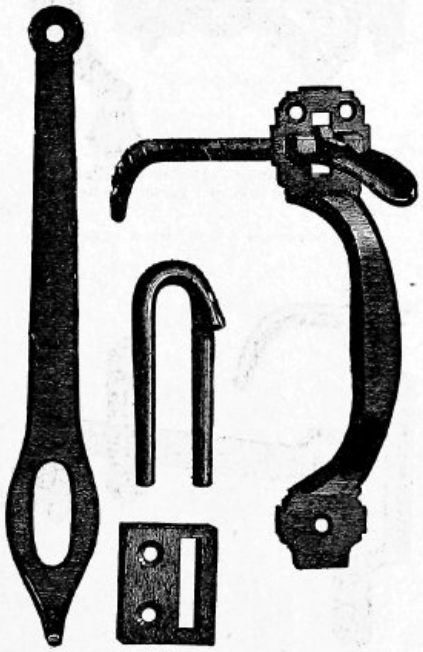
BARN DOOR LATCHES.



No. 25—Japanned iron, extra heavy, with wrought latch, 9 in. pull, w't per doz. 20 lbs. ..... per dozen $2.40

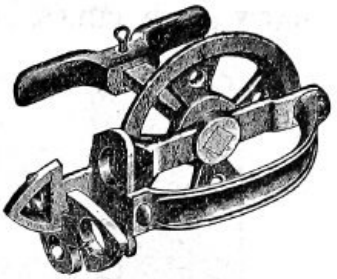
No. 15—Without thumb latch or handle, otherwise same as No. 25, w't per doz. 10 lbs. ..... per dozen 1.50

NO. 25, HALF DOZEN; NO. 15, ONE DOZEN IN A BOX.



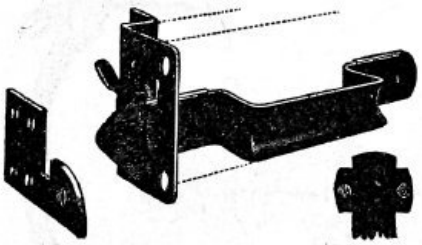
No. 126—Japanned iron, with staple catch and heavy 12 in. hasp, 8 in. pull, w't per doz. 18 lbs. ..... per dozen $2.50

HALF DOZEN IN A BOX.



No. 65—PETERSON, aluminum bronzed, malleable iron, with double handles, adjustable for different thicknesses of wood, extra strike for holding door open, for swinging or sliding doors, w't per doz. 13½ lbs. ..... per dozen $6.00

HALF DOZEN IN A BOX.



No. 87—Wrought steel, japanned, with attachment for padlock, for right or left hand sliding or swinging doors, with latch working from the inside, w't per doz. 17 lbs. ..... per dozen $4.00

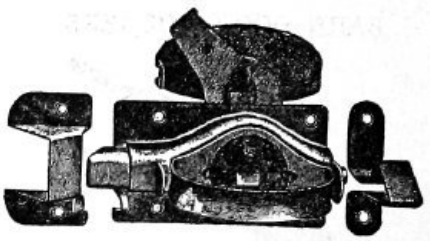
Easily applied, cannot be tampered with as all screws are concealed, operated from either inside or outside.

HALF DOZEN IN A BOX.

No. 29—CRONK'S, automatic, japanned iron, with attachment for padlock, for right or left hand sliding or swing doors, w't per doz. 9 lbs. ..... per dozen $5.00

Simple in construction, strong and durable. The latch can be thrown back, leaving edge of the door clear. It has an inside latch and pull.

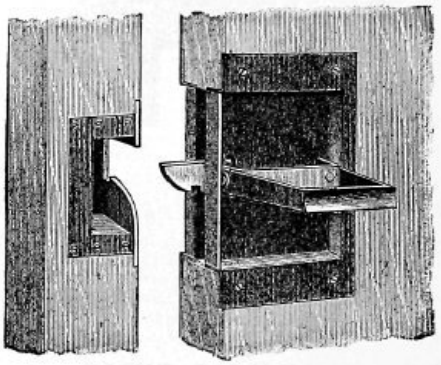
HALF DOZEN IN A BOX.



No. 35—WHITCOMB, 5×2⅜ in., wrought steel, japanned, spring bolt, double handles, adjustable for different thicknesses of wood, extra strike for holding door open, w't per doz. 14 lbs. ..... per dozen $6.00

A strong, durable, convenient latch. Will not catch a harness. Two large handles make it easy to hold the door or to open it from either side. Two catches are furnished with each latch so that the door or gate can be held open or closed.

HALF DOZEN IN A BOX.

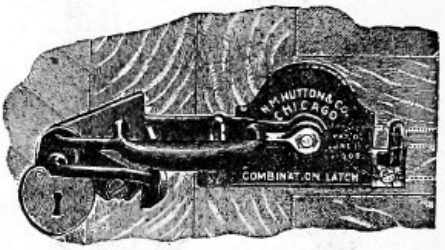


No. 45—GEM, for sliding or swinging doors, 7×5 in. over all, made entirely of steel, sets in flush on both sides, large flush handles, w't per doz. 31 lbs. . per dozen $10.00

One latch mounted in each dozen.

ONE SET IN BOX WITH SCREWS.

COMBINATION.



No. 55—HUTTON'S combination latch for barn door or warehouse, malleable iron and steel with extra strike for holding door open, can be used on doors up to 2 in. thick, 7½ in. over all, w't per doz. 15 lbs. ..... per dozen $5.00

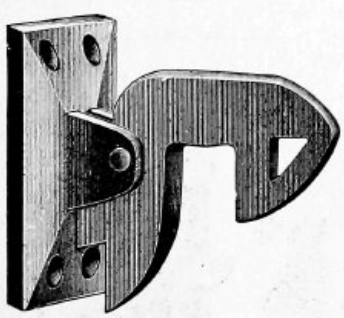
Adapted to either sliding or swinging doors and can be opened from either side. Latch is reversible and can be thrown back out of the way.

ONE DOZEN IN A BOX.

BARN DOOR HOLDERS, PULLS AND THUMB LATCHES.

BARN DOOR HOLDERS.

No. 5—Automatic, japanned iron, projection 2 in., w't per doz. 5½ lbs., per dozen $1.50
Designed for barns and outbuildings. Will hold door and prevent it from slamming.
LOOSE.



No. 24—Japanned iron, gravity locking, to catch over top of door, will take doors up to 1 in. in thickness, w't per doz. 6½ lbs..... per dozen $1.20
ONE DOZEN IN A BOX.

BARN DOOR PULLS.

No. 3. No. 4

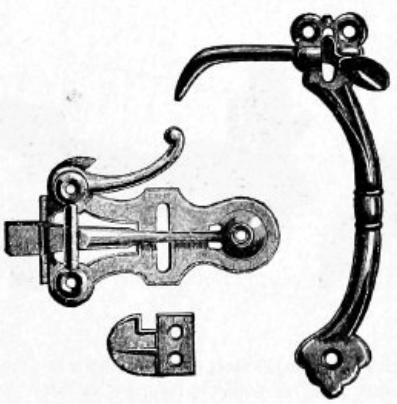
No. 3—Japanned iron, oblique, extra heavy, length 7¼ in., w't per doz. 6½ lbs..... per dozen $0.70
HALF DOZEN IN A BOX.

No. 4—Japanned iron, extra heavy, length 6 in., w't per doz. 5½ lbs., per dozen $0.75
ONE DOZEN IN A BOX.

BARN DOOR PULLS.

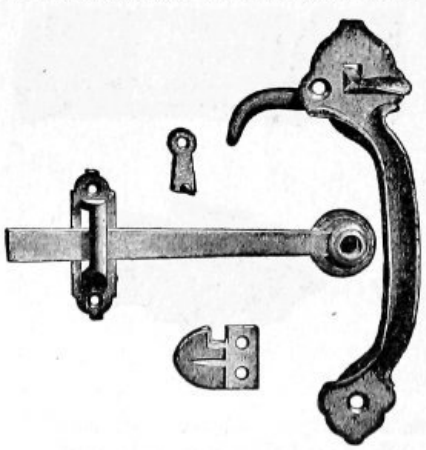
No. 1—Japanned iron, flush, 3½×2⅝ in., w't per doz. 4½ lbs..... per dozen $0.65
ONE DOZEN IN A BOX.

THUMB LATCHES.



Japanned Iron.

No. 12—6 in. handle, w't per doz. 6 lbs., per dozen $0.60
No. 10—7 in. handle, w't per doz. 8 lbs., per dozen ..... .80
No. 112—With screws, otherwise same as No. 12, w't per doz. 6⅛ lbs. .. per dozen .85
No. 110—With screws, otherwise same as No. 10, w't per doz. 8⅛ lbs. .. per dozen 1.06
ONE DOZEN IN A BOX. TWELVE DOZEN IN A CASE.



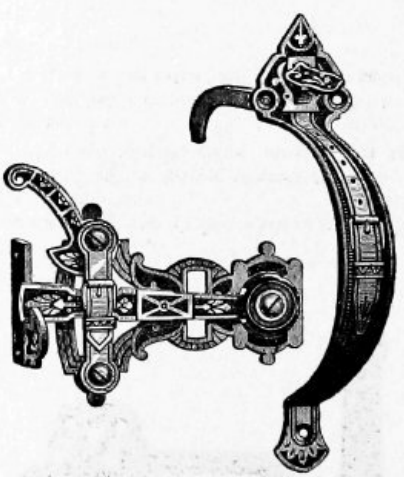
Japanned Iron.

Nos.....	0	1	2	3	4
L'gth of h'ndle	4½	6	6½	7	8½ in.
W't per doz. .	4¾	5	6	8	8½ lbs.
Per dozen....	$0.45	.55	.65	.75	.85

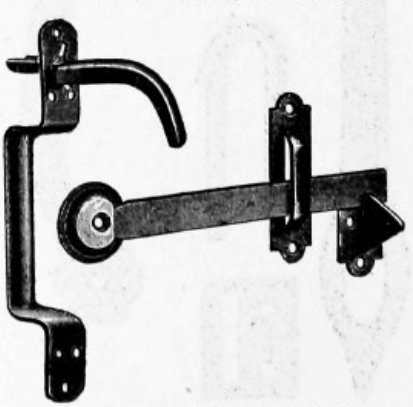
ONE DOZEN IN A BOX.

THUMB LATCHES.

No. 28—6 in. handle, bronzed iron, w't per doz. 7½ lbs..... per dozen $1.20
HALF DOZEN IN A BOX, WITH SCREWS.

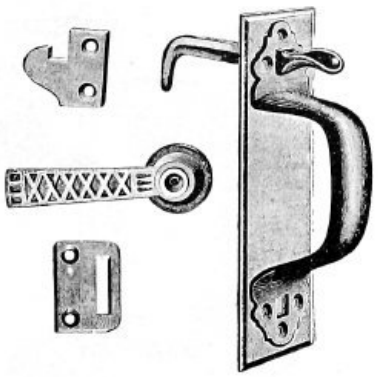


No. 290—7 in. handle, Anaconda (light copper) bronzed iron, w't per doz. 8 lbs., per dozen..... $2 30
HALF DOZEN IN A BOX, WITH SCREWS.



No. 105—Heavy steel, japanned, 8 in. handle, w't per doz. 16 lbs.... per dozen $4.00
A good heavy latch that will not break and a thumb lift that cannot work loose or get out of place. Suitable for barn, shop or warehouse doors.
HALF DOZEN IN A BOX.

STORE DOOR HANDLES.

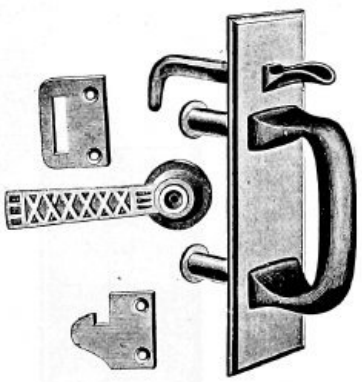


Reversible Oblique Handle.

No. 10—Japanned without plate, w't per doz. 14 lbs. ..... per dozen $1.75

No. 20—Japanned, with 7½×2 in. plate, w't per doz. 18 lbs. ..... per dozen 2.00

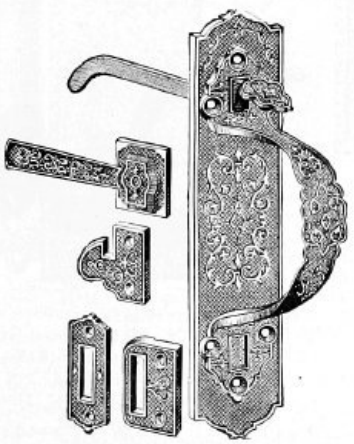
HALF DOZEN IN A BOX.



Reversible Oblique Handle.

No. 30—Japanned, with 7¾×1⅞ in. plate, nuts and screws, w't per doz. 22 lbs. ..... per dozen $2.80

HALF DOZEN IN A BOX.



Reversible Oblique Handle.

No. 180—Walnut bronzed, with 9×2 in. plate, w't per doz. 18 lbs. ..... per dozen $3.25

HALF DOZEN IN A BOX.

Reversible Oblique Handle.

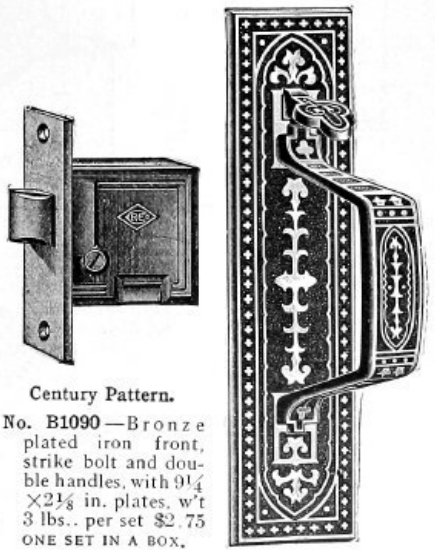
No. 80—Walnut bronzed, with 9×2 in. plate and screws, w't per doz. 20 lbs., per dozen $3.75

HALF DOZEN IN A BOX.

Century Pattern.

No. B1089—No. 3, finish bronze plated iron thumb latch and handle, with 9¼×2⅛ in. plate, w't 1½ lbs., per set $1.00

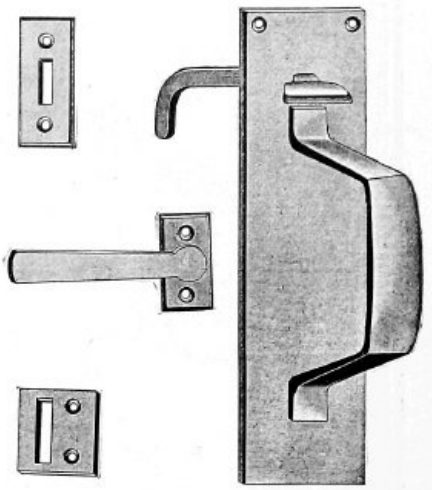
HALF DOZEN IN A BOX.



Century Pattern.

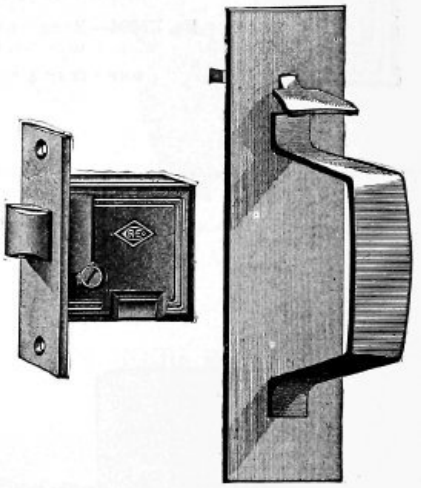
No. B1090—Bronze plated iron front, strike bolt and double handles, with 9¼×2⅛ in. plates, w't 3 lbs.. per set $2.75

ONE SET IN A BOX.



No. P7089—Plain polished bronze metal thumb latch and handle, with 9¼×2⅛ in. plate, w't 1¾ lbs. ..... per set $3.00

HALF DOZEN IN A BOX.

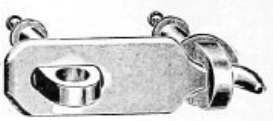


No. P7090—Mortise, polished bronze metal front strike and bolt, complete with plain bronze metal double handles, with 9¼×2⅛ in. plate, w't 2½ lbs., per set $5.50

No. OC7090—Old copper finish, otherwise same as No. P7090 ..... per set 6.00

ONE IN A BOX.

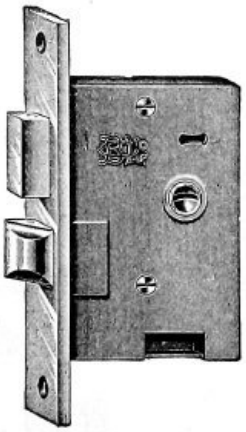
STORE DOOR HASPS.



No. 100—1½×5½ in., polished cast bronze metal, extra heavy, with adjustable screws, reversible for 1¾ to 3 in. doors, from center to center of bolts 3 in., w't per doz. 14 lbs., per dozen $18.00

HALF DOZEN IN A BOX.

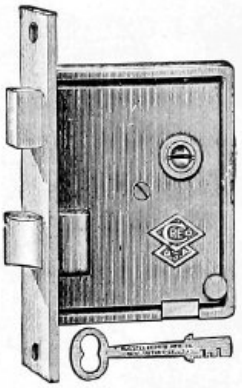
STORE DOOR LOCK SETS.



No. B1093—Ornamental Pattern, 4⅝×3⅛ in. japanned iron case, flat front, reversible easy spring latch, plain bronze plated front and strike, cast metal bolts, 3 tumblers, 2 nickel plated flat solidsteel keys, 24 changes, No. 3 finish bronze plated double handles, plates 12¼×2½ in., back set 2⅛ in., w't per set 4¾ lbs.....per set $3.50

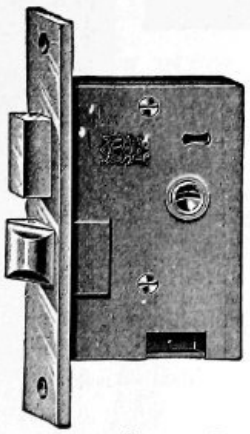
No. B1094—Rabbeted Front, otherwise same as No. B1093...per set 5.00

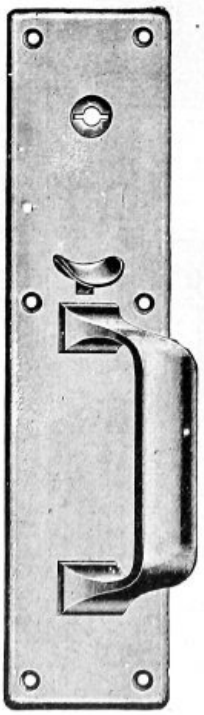
ONE SET IN A BOX, WITH SCREWS.



No. J1093—Plain Pattern, 4½×3 in., japanned iron case, polished bronze flat front, strike and bolts, easy spring latch, 2 nickel plated solid steel keys, japanned iron handles, plates 15½×3 in., w't per set 11 lbs.....per set $6.00

ONE SET IN A BOX, WITH SCREWS.



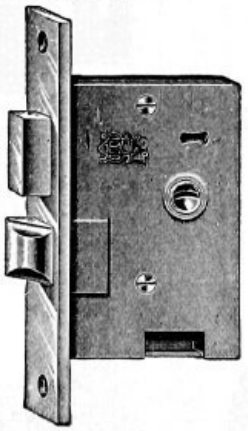


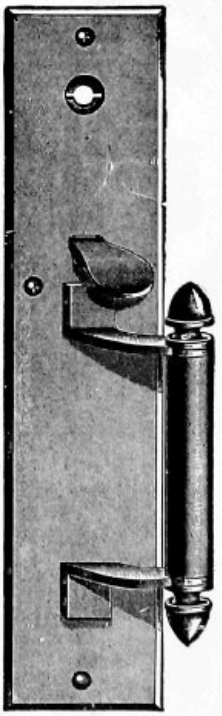
No. P1293—Polished [Bronze Plated, Plain pattern, 4⅝×3⅛ in. japanned iron case, reversible, bronze plated cast iron front and bolts, steel strike, flat front, easy spring, 3 tumblers, 2 nickel plated flat solid steel keys, plain pattern plated steel handles, plates 12×3 in., back set 2⅛ in., w't per set 4½ lbs.....per set $4.25

No. OC1293—Old Copper Bronze Finish, otherwise same as No. P1293.....per set 4.25

No. SC1293—Sand Blast Old Copper Finish, otherwise same as No. P1293.....per set 4.25

ONE SET IN A BOX, WITH SCREWS.





No. P7093.—Polished Bronze, Plain pattern, 4⅝×3⅛ in. japanned iron case, reversible, plain polished cast bronze metal flat front, strike and bolts, easy spring, 4 steel tumblers, 2 nickel plated flat solid steel keys, cast bronze metal double handles, plates 12¼×2¼ in., backset 2⅝ in., w't per set 5½ lbs.....per set $11.00

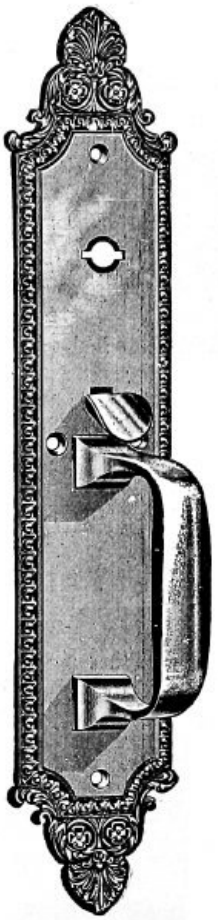
No. OC7093.—Old Copper Bronze Finish, otherwise same as No. P7093.....per set 11.00

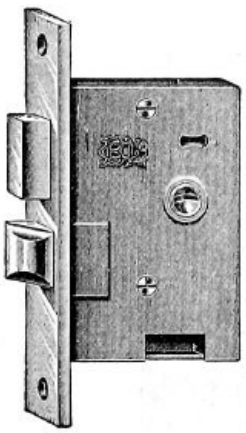
No. P7094—Polished Bronze, Plain pattern, 4⅝×3⅛ in., japanned iron case, rabbeted front, not reversible, bronze metal front, strike and bolts, easy spring, 4 steel tumblers, 2 nickel plated flat solid steel keys, cast bronze metal double handles, plates 12¼×2¼ in., backset 2⅝ in., w't per set 5½ lbs....per set 12.50

No. OC7094—Old Copper Bronze Finish, otherwise same as No, P7094.....per set 12.50

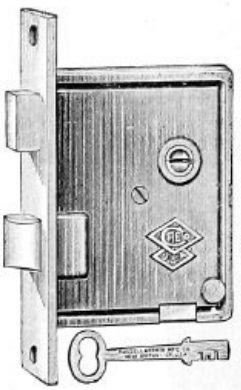
ONE SET IN A BOX, WITH SCREWS.

STORE DOOR LOCK SETS.

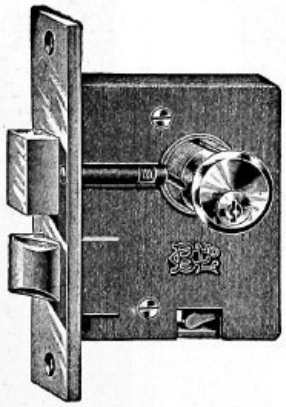


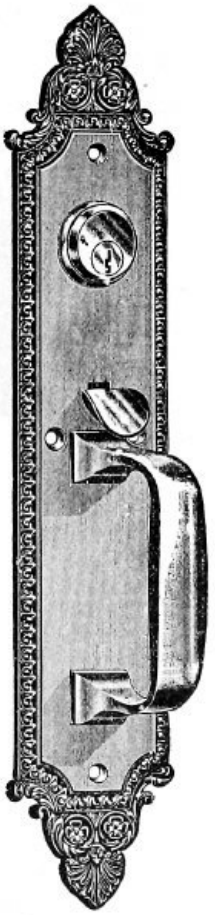


No. OC5193 — OLD COPPER BRONZE PLATED, Geneva design, 4⅝×3⅛ in., old copper bronze plated flat front and strike, bronze bolts, easy spring latch, 3 steel tumblers, 2 nickel plated flat solid steel keys, bronze plated handles, plates 15¾×3 in., backset 2⅛ in., w't per set 6½ lbs.....per set $5.50



No. OC5393—OLD COPPER BRONZE PLATED, Chatham design, 4½×3½ in., polished old copper bronzed front and strike; bronze bolts, easy spring latch, 2 nickel plated flat steel keys, old copper bronze plated cast handles, and 14½×3 in. plates, w't per set 6 lbs.....per set $5.50





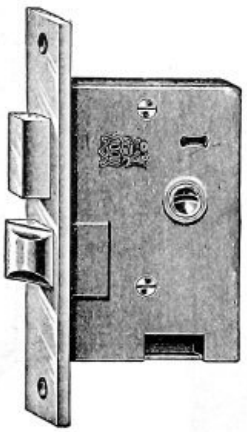
No. OC51414 — OLD COPPER BRONZE PLATED, Geneva design, 4¼×3½ in., old copper bronze metal front, strike and bolts, easy spring latch, cylinders adjustable for 1¾ to 2¼ in. doors, 4 German silver keys, bronze plated handles, plates 15¾×3 in., backset 2¼ in., w't 7½ lbs.....per set $10.00

ONE SET IN A BOX, WITH SCREWS.

No. OC53414—OLD COPPER BRONZE PLATED, Chatham design, 5×3¾ in., polished old copper bronze front, strike and bolts, easy spring latch, cylinders adjustable for doors 1¾×2¼ in., 3 German silver keys, old copper plated cast iron handles and 15½×3¼ in. plates, w't per set 7¼ lbs.....per set $11.00

ONE SET IN A BOX, WITH SCREWS.

STORE DOOR LOCK SETS.

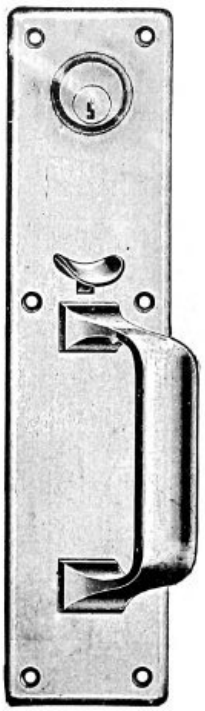


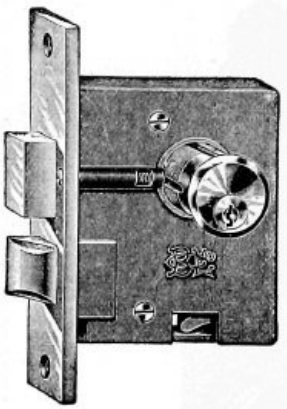
No. P7793 — Polished Bronze, Wayne design, 4½×3 in., bronze metal front, strike and bolts, reversible, easy spring flat front lock, 3 tumblers, 2 nickel plated flat solid steel keys, cast bronze handles, wrought bronze plates 11¾×3 in., backset 2½ in., w't per set 8 lbs. per set $6.75

No. OC7793—Old Copper Bronze Finish, otherwise same as No. P7793 ... per set 6.75

DB7793—Dull or Lemon Brass Finish, otherwise same as No. P7793 ..... per set 6.75

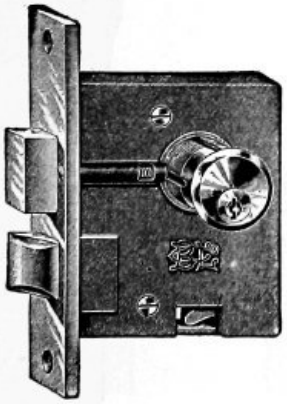
ONE DOZEN IN A BOX, WITH SCREWS.

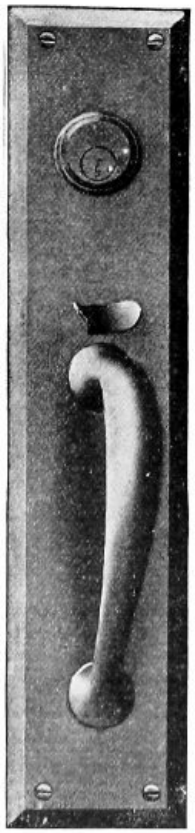




No. F13414—Bower Barff, Plain pattern, 4¼×3⅝ in. japanned iron case, reversible, bower barff wrought steel flat front and strike, polished cast bronze metal bolts, cylinder adjustable for 1¾ to 2¼ in. doors, 4 German silver keys, unlimited changes, bower barff wrought steel bar handles, plates 12×3 in., backset 2¼ in., w't per set 5½ lbs ..... per set $18.00

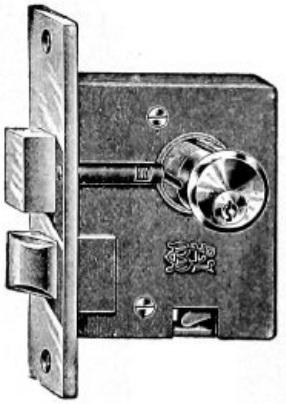
ONE SET IN A BOX, WITH SCREWS.

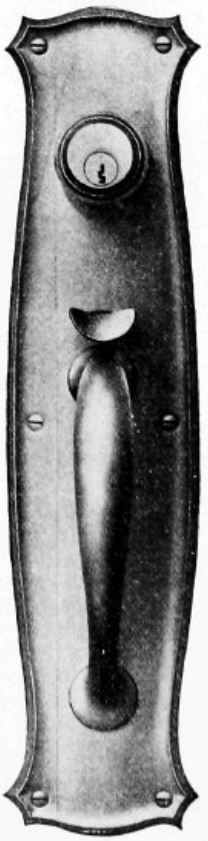




No. P75414 — Polished Bronze, Stratford design, 4¼×3⅝ in. japanned iron case, reversible, cast bronze flat front, strike and bolts, cylinders adjustable for 1¾ to 2¼ in. doors, easy spring latch, 4 German silver keys, wrought bronze wide bevel plates 14½×3 in., cast bronze handles, backset 2¼ in., w't per set 8½ lbs. ..... per set $16.50

No. OC75414—Old Copper Bronze Finish, otherwise same as No. P75414. per set 16.50





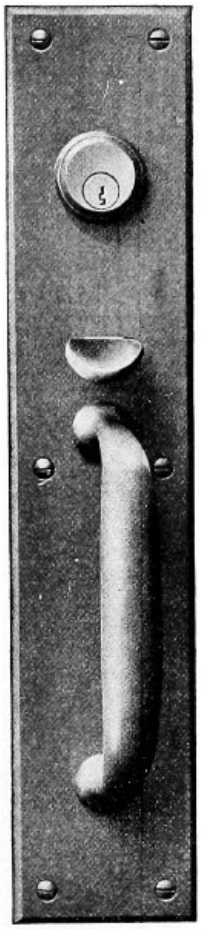
No. P76414 — Polished Bronze, Mayfair design, 4¼×3⅝ in. japanned case, cast metal front, strike and bolts, cylinder adjustable for 1¾ to 2¼ in. doors, 4 German silver keys, cast bronze handles, wrought bronze, plates 14½×3⅛ in., backset 2¼ in., w't per set 7 lb ..... per set $15.00

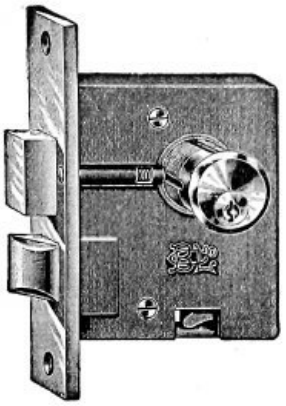
No. OC76414 — Old Copper Bronze Finish, otherwise same as No. P76414 per set 15.00

No. DB76414—Dull or Lemon Brass, otherwise same as No. P76414 .. per set 15.00

ONE SET IN A LOX, WITH SCREWS.

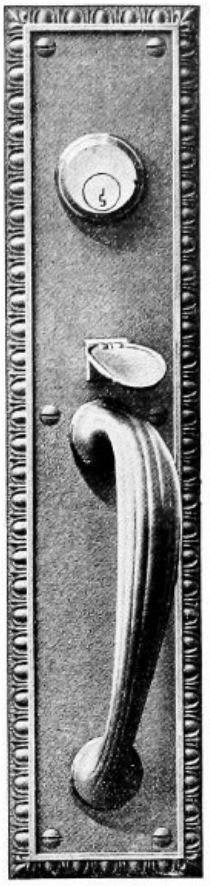
STORE DOOR LOCK SETS.

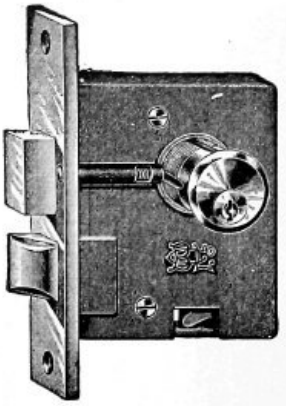




No. P90414—Polished Bronze, Plain pattern, 4¼×3⅝ in. japanned iron case, flat front, strike and bolts, 2 cylinders adjustable for 1¾ to 2¼ in. doors, easy spring latch, 4 German silver keys, unlimited changes, bronze metal handles, plates 5×3 in., backset 2¼ in., w't per set 10 lbs.....per set **$17.00**

No. OC90414 — Old Copper Bronze Finish, otherwise same as No. P90414 per set..... 17.00

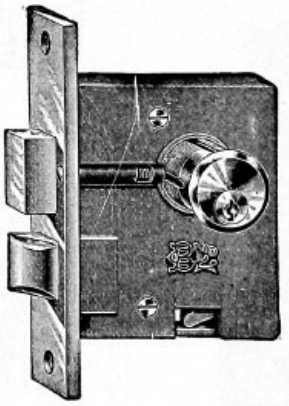


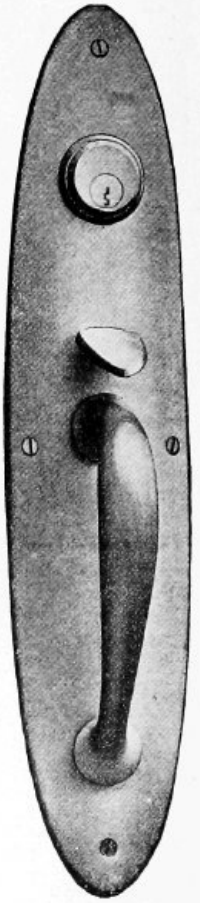


No. OC92414—Old Copper Finish, Niagara design, 4¼×3⅝ in. japanned iron case, flat front, cast metal front, strike and bolts, cylinders adjustable for 1¾ to 2¼ in. doors, easy spring latch, 4 German silver keys, unlimited changes, cast metal handles, plates 16×3½ in., backset 2¼ in., w't per set 9 lbs, per set..... **$18.00**

No. SC92414—Sand Blast Old Copper Finish, otherwise same as No. OC92414 per set..... 18.00

No. SC91414—Sand Blast Old Copper Finish, Baltic pattern, 4¼×3⅝ in. japanned iron case, reversible, cast metal flat front, strike and bolts, easy spring latch, cylinder adjustable for 1¾ to 2¼ in. doors, 4 flat German silver keys, unlimited changes, cast metal double handles, plates 16½×3 in., 2 cylinder escutcheons, backset 2¼ in., w't per set 8¼ lbs.....per set **$17.00**





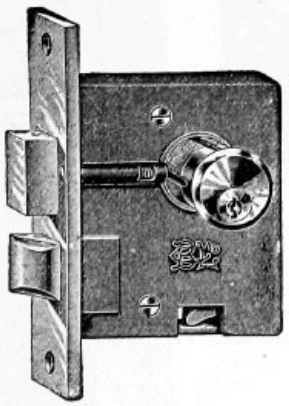
No. P96414—Polished Bronze, Cresco design, 4½×3⅞ in. japanned case, cast bronze metal front, strike and bolts, cylinder adjustable for 1¾ to 2¼ in. doors, 4 German silver keys, cast bronze handles, plates 17⅝×3¼ in., backset 2¾ in., w't 8¼ lbs....per set **$18.00**

No. OC96414 — Old Copper Bronze Finish, otherwise same as No. P96414, per set..... 18.00

No. DB96414—Dull or Lemon Brass Finish, otherwise same as No. P96414, per set..... 18.00

STORE DOOR LOCK SETS.

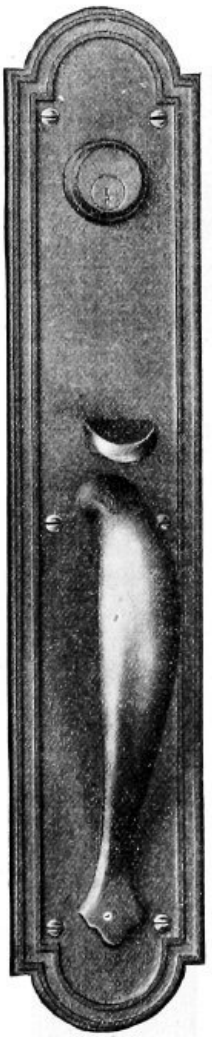
No. SC93414 — Sand Blast Old Copper Finish, Breton design, 5×3½ in., japanned iron case, cast bronze front, strike and bolts, easy spring latch, cylinders adjustable for 1⅝ to 2¼ in. doors, 3 German silver keys, unlimited changes, cast bronze metal handles, plates 18⅛×3⅛ in., backset 2½ in., w't per set 9 lbs. . . . . per set $17.00



No. OC94414—Old Copper Bronze Finish, 5⅛×3¾ in. japanned case, cast bronze metal front, strike and bolts, cylinders adjustable for 1¾ to 2¼ in. doors, 4 German silver keys, cast bronze sectional handles and round base plates 14½×2¾ in. over all, backset 2¾ in., w't per set 8¼ lbs. . . . . per set $17.00

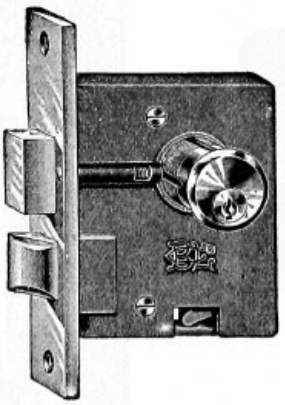
No. DB94414—Dull or Lemon Brass Finish, otherwise same as No. OC94414. . . . per set 17.00

ONE SET IN A BOX, WITH SCREWS.



No. OC98414 — Old Copper Bronze Finish, Richmond design, 4¼×3⅝ in. japanned case, cast bronze metal front, strike and bolts, cylinders adjustable for 1¾ to 2¼ in. doors, 4 German silver keys, cast bronze handles, plates 18×3½ in., backset 2¾ in., w't per set 12½ lbs., per set $20.00

No. DB98414 — Dull or Lemon Brass, otherwise same as No. OC98414, per set $20.00

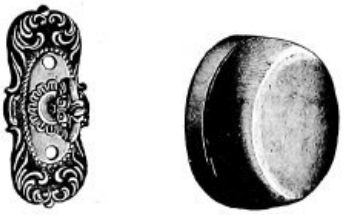


No. DB97414 — Dull or Lemon Brass Finish, Theseus, design, 4¼×3⅞ in. japanned case, cast bronze metal front, strike and bolts, cylinders adjustable for 1¾ to 2¼ in. doors, 4 German silver keys, cast bronze handles, plates 19×3¼ in., w't 10 lbs. . . . . per set $18.50

No. SC97414— Sand Blast Old Copper Finish, otherwise same as No. DB97414, per set 18.50

ONE SET IN A BOX, WITH SCREWS.

DOOR BELLS.

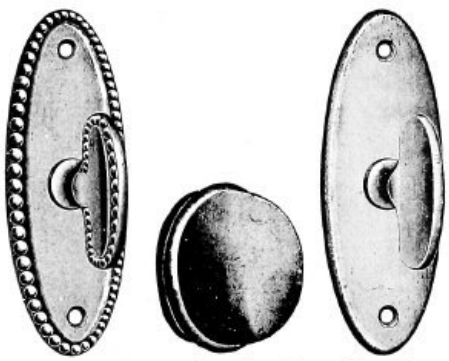


Electrical Sounding.

No. 41—3½ in., nickel plated steel gong, polished old copper finish iron turn knob, w't per doz. 12 lbs. ...per dozen $6.50

No. 60—3 in., polished old copper finish bell metal gong, iron turn knob and plate, w't per doz. 12 lbs.....per dozen 9.00

ONE IN A BOX, WITH SCREWS.



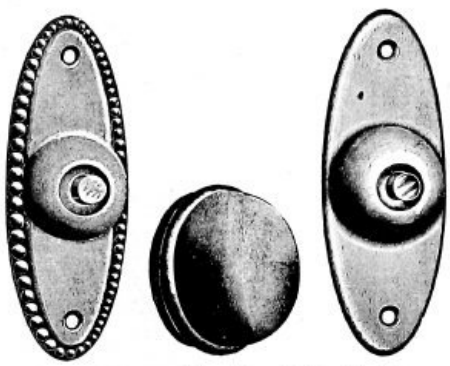
No. 42. Bell for Nos. 42 and 43. No. 43.

Electrical Sounding.

No. 42—3 in., beaded pattern, old copper steel gong, 4×1½ in. turn knob plate, w't per doz. 12 lbs.....per dozen $8.00

No. 43—3 in., plain oval pattern, otherwise same as No. 42.....per dozen 8.00

ONE IN A BOX.



No. 49. Bell for Nos. 47 and 49. No. 47.

Electrical Sounding.

No. 49—3 in., beaded pattern push button, 4×1½ in. old copper steel gong, w't per doz. 12 lbs.....per dozen $13.00

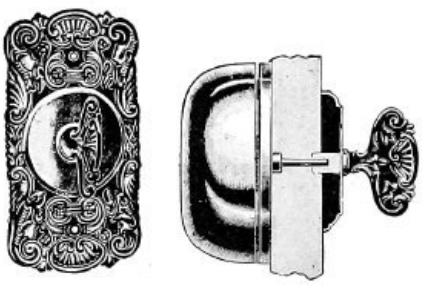
No. 47—3 in., plain oval pattern, otherwise same as No. 49.....per dozen 13.00

ONE IN A BOX.

Turn Knob. Bell.

No. 54—3 in., old copper finish cast electric stroke gong, 3¼×1¾ in. turn knob plate, w't per doz. 12 lbs....per dozen $8.50

ONE IN A BOX.

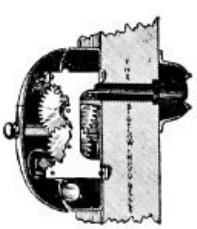


Turn Knob. Bell.

No. 40—3 in., nickel plated bell, polished old copper stamped steel plate 2½×4½ in., w't per doz. 12 lbs. ..per dozen $17.50

No. 21—3½ in. bell, otherwise same as No. 40.....per dozen 20.00

ONE IN A BOX.



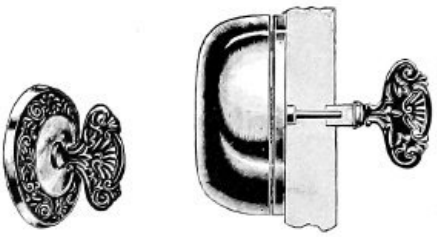
Showing Bell in Position.

No. 50—Bigelow Automatic, 4 in. nickel plated bell, 2 in. old copper finish push button, w't per doz. 15 lbs., per dozen..... $18.00

No. 51—Old copper finish bell, otherwise same as No. 50.....per dozen 18.00

Bigelow automatic door bells give a good electric ring, sounding repeatedly when the button is pressed and after being released. They are adjustable to doors of any thickness and castings up to 12 in. by cutting the extra connecting wire the required length.

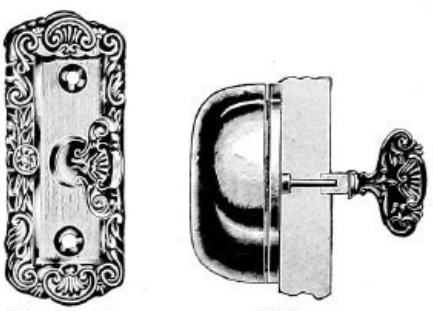
ONE IN A BOX.



Turn Knob. Bell.

No. 20—3½ in., nickel plated bell, No. 3 finish bronze turn knob, 2½ in. cast iron round plate, w't per doz. 12 lbs., per dozen..... $20.00

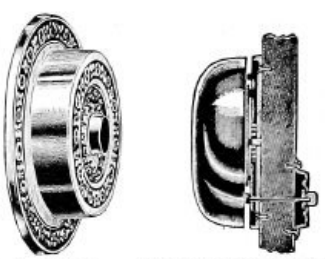
ONE IN A BOX.



Turn Knob. Bell.

No. 22—3½ in., nickel plated bell, old copper finish turn knob, 2½×4½ in. stamped steel plate, w't per doz. 15 lbs., per dozen..... $20.00

ONE IN A BOX.



Push Button. Showing Bell attached.

New Departure Electrical Sounding.

No. 30—3½ in., nickel plated bell, No. 3 finish bronze push button, 2⅞ in. round plate, w't per doz. 12 lbs., per dozen..... $21.00

ONE IN A BOX.

Push Button. Bell.

New Departure Electrical Sounding.

No. 31—3½ in., nickel plated bell, No. 3 finish bronze metal push button, 3×4½ in. plate, w't per doz. 12 lbs., per dozen..... $21.00

ONE IN A BOX.

ALARM BELLS, SPEAKING TUBES, HOUSE NUMBERS, ETC.

ALARM DOOR BELLS.

No. 14—4 in., bronzed steel, w't per doz. 15 lbs.....per dozen $5.00
ONE IN A BOX.

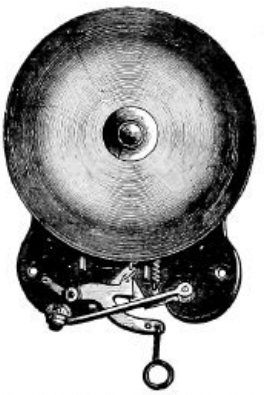
House Gong, Single or Double Trip, with Japanned Iron Plate.

No. 45—5 in., bronzed steel, w't per doz. 24 lbs.....per dozen $ 7.00
No. 46—6 in., bronzed steel, w't per doz. 30 lbs.....per dozen 10.00
No. 55—5 in., polished bell metal, w't per doz. 21 lbs.....per dozen 14.00
No. 56—6 in., polished bell metal, w't per doz. 27 lbs.....per dozen 20.00
ONE IN A BOX.

HOUSE BELLS, ON CARRIAGE.

No. 204—2½ in., polished bell metal, complete with side, end and mortise cranks, w't per doz. 14 lbs....per dozen $9.00
HALF DOZEN IN A BOX.

LOCOMOTIVE GONGS.

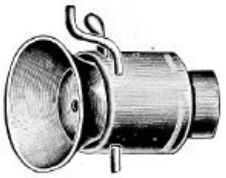


Polished Bell Metal, Central Pull, Outside Trip Gong.

Inches.....	6	8	10
W't per doz.....	24	60	126 lbs.
Per dozen.....	$24.00	46.00	84.00

10 in. has lignumvitæ hammer.
ONE IN A PACKAGE.

SPEAKING TUBE WHISTLES.



No. 17—Nickel plated, with indicator, w't per doz. 10 lbs.....per dozen $4.50
ONE DOZEN IN A BOX.

LETTER BOX PLATES.

No. 200—6×2⅜ in., walnut bronzed iron, opening 4¼×1 in., w't per doz. 5 lbs., per dozen..... $3.00
HALF DOZEN IN A BOX, WITH SCREWS.

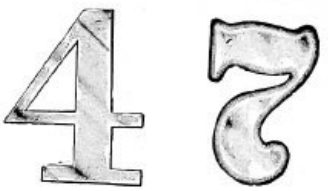
Opening 4¾×1⅛ Inch.

No. P188—7⅛×2¾ in., polished bronze plated cast iron, w't per doz. 10 lbs.....per dozen $ 9.20
No. OC188—7⅛×2¾ in., polished old copper finish cast iron, w't per doz. 10 lbs.....per dozen 10.50
No. SC188—7⅛×2¾ in., sand blast old copper finish cast iron, w't per doz. 10 lbs.....per dozen 11.00
ONE-SIXTH DOZEN IN A BOX, WITH SCREWS.

Inside Plates for the above.

P188 .....per dozen $4.00
OC188 ..... " 6.00
SC188 ..... " 7.00
ONE DOZEN IN A BOX. WEIGHT PER DOZ. 5 LBS

HOUSE NUMBERS.



No. 10. No. 11.

No. 10—3 in., flat, cast bronze, nickel plated, with cast bronze lugs to drive, w't per doz. 2½ lbs.....each $0.10
No. 11—3 in., oval, otherwise same as No. 10, w't per doz. 2 lbs.....each .12

No. 15. No. 16.

No. 15—3 in., oval, polished stamped sheet aluminum, w't per doz. ½ lb., each..... $0.10
No. 16—3 in., oval, polished old copper wrought bronze metal, w't per doz. 1½ lb.....each .12
NO. 15 FOUR DOZEN; NO. 16 ONE DOZEN IN A BOX WITH PINS.

No. 20—4½ in., fancy cast bronze metal, plain bronze finish, w't per doz. 4 lbs., each..... $0.30
No. 22—Polished old copper finish, otherwise same as No. 20, w't per doz. 4 lbs., each..... .33
ONE DOZEN IN A BOX, WITH SCREWS.

PUSH BUTTONS.

Plain Pattern, Diameter 2½ Inch.

No. P157—Polished bronze plated steel, w't per doz. 3 lbs.....per dozen $4.00
No. OC157—Polished old copper finish steel, w't per doz. 3 lbs.....per dozen 4.50
No. SC157—Sand blast old copper finish steel, w't per doz. 3 lbs.....per dozen 5.00
No. P57—Polished cast bronze metal, w't per doz. 3 lbs.....per dozen 4.80
HALF DOZEN IN A BOX, WITH SCREWS.

MAIL BOXES.

HOUSE.

No. 34—Japanned, 9½×5½×2 in., w't per doz. 14 lbs. .....per dozen $3.00
SIX IN A BOX.

No. 35—Jewel, 10×5½×2¾ inches, No. 28 refined steel finished in dull black enamel, w't per doz. 8 lbs....per dozen $4.50
A neat and durable mail box.
ONE IN A BOX.

No. 45—Urban Gem, 10½×6×3½ in., japanned, paper clip, 2 keyed, w't per doz. 15 lbs.....per dozen $7.50
ONE IN A BOX.

HOUSE.

No. 55—Japanned, 11×5¼×2½ in. paper clip, 2 keyed lock, w't per doz. 24 lbs., per dozen..... $6.00
ONE IN A BOX, WITH SCREWS.

No. 5—13×5½×2½ in., cast iron, black japanned, with hasp and staple for padlock, for indoor and outside use, w't per doz. 42 lbs.....per dozen $8.00
ONE IN A BOX.

No. 03—12½×5½×2½ in., cast iron, sheet steel back, japanned, hinged slot cover and top, covered peep hole, gilt lettered, wire paper holder, w't per doz. 48 lbs.....per dozen $10.00
ONE IN A BOX.

HOUSE.

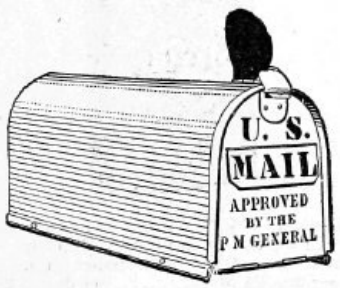
No. 15—Gem, 9½×6×3 in., aluminum bronzed steel, with spring top, all parts riveted, glass front with paper clip, w't per doz. 24 lbs.....per dozen $9.00
No. 25—With 2 tumbler brass nose lock, otherwise same as No. 15....per dozen 13.00
ONE IN A BOX.

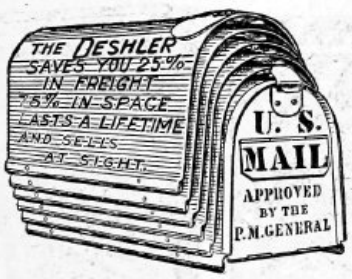
No. 106—Japanned, cold rolled steel, lock with one key, improved package holder, rain proof, w't per doz. 24 lbs., per dozen $10.00
No. 108—Polished old copper finish, 2 keyed lock, otherwise same as No. 106.....per dozen 12.00
No. 110—Dull brass finish, 2 keyed lock, otherwise same as No. 106..per dozen 14.00
No. 112—Old copper finish bronze metal, 2 keyed lock, otherwise same as No. 106.....per dozen 18.00
No. 114—Dull brass metal, 2 keyed lock, otherwise same as No. 106...per dozen 20.00
ONE IN A BOX.

No. 102—10½×5½×2¾ in., sheet metal, black japanned, firmly riveted, hinged slot cover, 4¼×5 in. door, with a secure lever spring lock, 1×2¾ in. glass panel, heavy spring paper holder, 2 keys, w't per doz. 30 lbs...per dozen $18.00
No. 104—Old copper finish, otherwise same as No. 102.....per dozen 24.00
Made of heavy sheet metal, stamped to shape, firmly riveted, and more durable than cast boxes.
They have a heavy glass panel so that contents can be seen, the brass clip on the inside affords protection, and holds card for owner's name.
ONE IN A BOX.

MAIL BOXES.

RURAL FREE DELIVERY.





No. 300—R. F. D., 7x8x19 in., galvanized iron, aluminum bronzed, automatic spring hasp, end opening, knocked down and nested half dozen in a crate, w't per doz. 94 lbs. ..... per dozen $12.00

Absolutely storm proof, perfect in operation, positive locking signal in either position, up or down, weather proof slot in door for depositing the mail without unlocking the box.

Takes up less room in stock and takes lower freight rate than old style boxes.

HALF DOZEN IN A CRATE. WE DO NOT BREAK CRATES.

No. 200—6×7½×18½ in. inside measurement, galvanized steel, aluminum bronzed, automatic spring hasp, opening at end, w't per doz. (crated) 93 lbs. ..... per dozen $6.75

ONE DOZEN IN A CRATE.

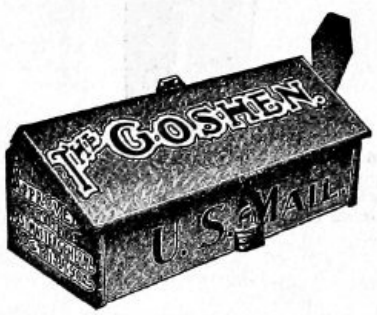
RURAL FREE DELIVERY.

No. 100—6×7×18½ in. inside measurement, galvanized steel, self-locking signal, plainly lettered "U. S. Mail," w't per doz. (crated) 105 lbs., per dozen $5.75

Each box is provided with a self-locking signal at the end, which can be seen at a great distance. This is to be used by patron and carrier to indicate that there is mail in the box, and can be operated only when the box is opened, so cannot be tampered with. On the inside is a receptacle for outgoing mail. Each one is plainly lettered "U. S. Mail," and stenciled "Approved by the Postmaster General." They are strictly storm-proof, safe and durable.

For master key padlocks, especially adapted for rural free delivery mail boxes, see page 303.

ONE DOZEN IN A CRATE.



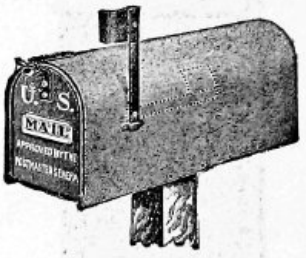
No. 33—Oblong, 6×7×18 in. inside measurement, galvanized steel, aluminum bronzed, self-locking signal, no lettering on lid, w't per doz. 102 lbs., per dozen $24.00

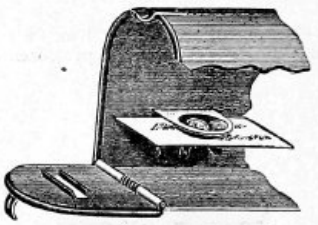
ONE DOZEN IN A CRATE.

No. 60—Semicircular, 5¾×6½×17¾ in. inside measurement, galvanized steel, aluminum bronzed, self-locking, no lettering on lid, w't per doz. (crated) 78 lbs. ..... per dozen $24.00

ONE DOZEN IN A CRATE.

RURAL FREE DELIVERY.





No. 410—6×7½×18 in., inside measurement, galvanized steel, aluminum bronzed, automatic spring hasp, with receptacle on inside for postage stamps and money, letter drop in front, w't per doz. (crated) 100 lbs., per dozen ★ $11.50

These are well made boxes and absolutely storm proof. Each one is plainly marked "U. S. Mail" and stenciled "Approved by the Postmaster General."

No. 400—Spring door, otherwise same as No. 410★ ..... per dozen $12.00

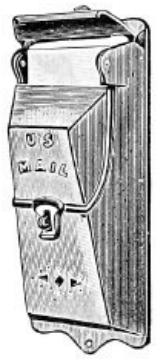
HALF DOZEN IN A CRATE.

★*FOR FACTORY SHIPMENT ONLY.*

MAIL BOXES.

HOUSE.

No. 35—JEWELL, 10×5½×2¾ in., No. 28 refined steel finished in dull black enamel, w't per doz. 8 lbs....per dozen $4.50
A neat and durable mail box.
ONE IN A BOX.



No. 5—13×5½×2½ in., cast iron, black japanned, with hasp and staple for padlock, for indoor and outside use, w't per doz. 42 lbs.....per dozen $8.00
ONE IN A BOX.

No. 03—12½×5½×2½ in., cast iron, sheet steel back, japanned, hinged slot cover and top, covered peep hole, gilt lettered, wire paper holder, w't per doz. 48 lbs.....per dozen $10.00
ONE IN A BOX.

HOUSE.

No. 15—GEM, 9½×6×3 in., aluminum bronzed steel, with spring top, all parts riveted, glass front with paper clip, w't per doz. 24 lbs.....per dozen $9.00
No. 20—Japanned, otherwise same as No. 15.....per dozen 10.00
No. 25—With 2 tumbler brass nose lock, otherwise same as No. 15....per dozen 13.00
No. 30—Japanned, with 2 tumbler brass nose lock, otherwise same as No. 15, per dozen..... 14.50
ONE IN A BOX.

No. 102—10½ × 5½ × 2¾ in., sheet metal, black japanned, firmly riveted, hinged slot cover, 4¼×5 in. door, with a secure lever spring lock, 1×2¾ in. glass panel, heavy spring paper holder, 2 keys, w't per doz. 30 lbs...per dozen $18.00
No. 104—Old copper finish, otherwise same as No. 102.....per dozen 24.00
Made of heavy sheet metal, stamped to shape, firmly riveted, and are more durable than cast boxes.
They have a heavy glass panel so that contents can be seen, the brass clip on the inside affords protection, and holds card for owner's name.
ONE IN A BOX.

RURAL FREE DELIVERY.

No. 33—Oblong, 6×7×18 in. inside measurement, galvanized steel, aluminum bronzed, self locking signal, no lettering on lid, w't per doz. 102 lbs., per dozen..... $24.00
ONE DOZEN IN A CRATE.

RURAL FREE DELIVERY.

No. 200—6×7½×18½ in., inside measurement, galvanized steel, aluminum bronzed, automatic spring hasp, opening at end, w't per doz. (crated) 93 lbs.....per dozen $6.75
ONE DOZEN IN A CRATE.

No. 100—6×7×18½ in., inside measurements, galvanized steel, self locking signal, plainly lettered "U. S. Mail," w't per doz. (crated) 105 lbs., per dozen $5.75
ONE DOZEN IN A CRATE.

No. 60—Semicircular, 5¾×6½×17¾ in., inside measurement, galvanized steel, aluminum bronzed, self locking, no lettering on lid, w't per doz. (crated) 78 lbs.....per dozen $24.00
Each box is provided with a self-locking signal at the end, which can be seen at a great distance. This is to be used by patron and carrier to indicate that there is mail in the box, and can be operated only when the box is opened, so cannot be tampered with. On the inside is a receptacle for outgoing mail. Each one is plainly lettered "U. S. Mail," and stenciled "Approved by the Postmaster General." They are strictly storm-proof, safe and durable.
For master key padlocks, especially adapted for rural free delivery mail boxes, see page 303.
ONE DOZEN IN A CRATE.

SASH LIFTS.

HOOK.

No. 1840.

No. 1845.

No. 1840—1¾ in., walnut bronzed iron, per dozen $0.25
No. 1845—1½ in., walnut bronzed iron, per dozen ..... .25

TWO DOZEN IN A BOX, WITH SCREWS

No. B162.

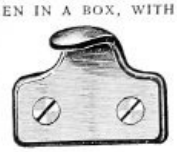
No. B162½.

No. B162—1½ in., bronze plated iron, No. 3 finish ..... per dozen $0.50
No. B162½—1½ in., No. 3 finish, bronze plated steel ..... per dozen .60

ONE DOZEN IN A BOX, WITH SCREWS.

No. P162—1½ in., bronze plated steel, per dozen $0.60
No. OC162—1½ in., old copper plated steel ..... per dozen .80
No. DB162—1½ in., dull brass or lemon brass plated steel ..... per dozen .80
No. AB162—1½ in., shaded antique brass plated steel ..... per dozen .85
No. SC162—1½ in., sand blast old copper plated steel ..... per dozen .85
No. F162—1¾ in., Bower-Barff wrought steel ..... per dozen 1.50
No. N162—1¾ in., nickel plated steel, per dozen ..... .90

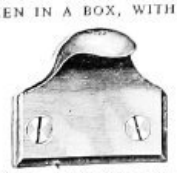
ONE DOZEN IN A BOX, WITH SCREWS.



Size 1½ in.

No. P62½—Polished wrought bronze metal ..... per dozen $0.90
No. A62½—Polished natural wrought brass ..... per dozen .90
No. DB62½—Dull brass metal, per dozen 1.00
No. AB62½—Shaded antique brass metal, per dozen 1.10
No. OC62½—Polished old copper plated wrought bronze ..... per dozen 1.10
No. SC62½—Sand blast old copper plated wrought bronze ..... per dozen 1.10

ONE DOZEN IN A BOX, WITH SCREWS.



No. P62—1½ in., polished cast bronze metal ..... per dozen $1.50
No. OC62—1½ in., polished old copper plated cast bronze metal ..... per dozen 1.80
No. SC62—1½ in., sand blast old copper plated cast bronze ..... per dozen 1.80
No. N62—1¾ in., nickel plated cast bronze ..... per dozen 2.40

ONE DOZEN IN A BOX., WITH SCREWS.

SASH LIFTS AND LOCKS.

No. 810.

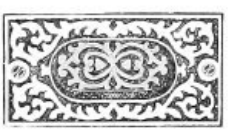
Nos. P0710 to SC0710.

Steel, Size 2×1¼ in.

No. 810—Walnut bronzed per dozen $1.30
No. P0710—Bronze plated ..... per dozen 3.50
No. OC0710—Old copper plated, per dozen 3.75
No. SC0710—Sand blast old copper plated ..... per dozen 4.00

TWO DOZEN IN A BOX.

FLUSH.



No. B163—3½x1½ in., No. 3 finish, bronze plated steel, w't per doz. 2 lbs., per dozen $1.00

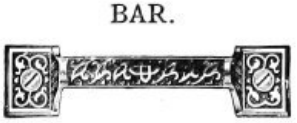
ONE DOZEN IN A BOX WITH SCREWS.

Plain Pattern.

No. P163—3×1¾ in., plain bronze plated steel ..... per dozen $1.00
No. OC163—3×1¾ in., old copper plated steel ..... per dozen 1.30
No. SC163—3×1¾ in., sand blast old copper plated steel ..... per dozen 1.30
No. DB163—3×1½ in., dull or lemon brass plated steel ..... per dozen 1.30
No. AB163—3×1½ in., shaded, antique brass plated steel ..... per dozen 1.40
No. P63—3×1¾ in., polished wrought bronze metal ..... per dozen 1.60
No. OC63—3×1¾ in., polished old copper plated wrought bronze metal, per dozen 1.90
No. SC63—3×1¾ in., sand blast old copper plated wrought bronze metal, per dozen 2.00

ONE DOZEN IN A BOX, WITH SCREWS. WEIGHT 2 LBS. PER DOZEN.

BAR.



No. B195—5 in., No. 3 finish polished bronze plated iron, w't per doz. 3½ lbs. ..... per dozen $1.60

ONE DOZEN IN A BOX, WITH SCREWS.

No. OC193—4 in., steel, old copper plated, w't per doz. 2¼ lbs. ..... per dozen $2.00

ONE DOZEN IN A BOX.

BAR.

Size 4½ in.

No. P194—Bronze plated iron, per dozen $1.20
No. OC194—Old copper plated iron, per dozen 1.20
No. SC194—Sand blast old copper plated iron ..... per dozen 1.40
No. F194—Bower-Barff iron ..... per dozen 1.50
No. P94—Polished cast bronze metal, per dozen 4.00

ONE DOZEN IN A BOX, WITH SCREWS. AVERAGE WEIGHT PER DOZEN 3 LBS.

Size 5½ in.

No. P196—Bronze plated iron, per dozen $1.25
No. OC196—Old copper plated iron, per dozen 1.25
No. SC196—Sand blast old copper plated iron ..... per dozen 1.25
No. DB196—Dull or lemon brass plated iron ..... per dozen 1.35
No. AB196—Shaded antique brass plated iron ..... per dozen 1.45
No. P96—Polished cast bronze metal, per dozen 4.50
No. OC96—Polished old copper plated cast bronze metal ..... per dozen 5.00
No. SC96—Sand blast old copper plated cast bronze metal ..... per dozen 5.50
No. DB96—Dull or lemon brass metal, per dozen 5.00
No. AB96—Shaded antique brass metal, per dozen 5.50

ONE DOZEN IN A BOX, WITH SCREWS. AVERAGE WEIGHT 3½ LBS. PER DOZEN.

Plain Pattern, Size 5 in.

No. P195—Plain bronze plated iron, per dozen $2.60
No. OC195—Old Copper plated iron, per dozen 2.60
No. SC195—Sand blast old copper plated iron ..... per dozen 2.75
No. F195—Bower-Barff iron ..... per dozen 4.80
No. A95—Polished cast brass, per dozen 5.40
No. P95—Polished cast bronze metal, per dozen 5.40
No. OC95—Polished old copper plated cast bronze metal ..... per dozen 6.00
No. SC95—Sand blast old copper plated cast bronze metal ..... per dozen 6.60

ONE DOZEN IN A BOX, WITH SCREWS. AVERAGE WEIGHT 4 LBS. PER DOZEN.

SASH LOCKS.

MONITOR.

Size 2¾×1 in.

No. 900—Walnut bronzed steel, per dozen..... $1.50
No. P900—Plain electro bronze plated steel.....per dozen 4.00
No. A900—Brass plated steel, per dozen..... 4.00
No. OC900—Old copper finish bronze, per dozen..... 3.00
No. OC950—Polished old copper finish bronze plated.....per dozen 4.50
No. SC900—Sand blast old copper finish bronze.....per dozen 3.25
No. DB900—Dull or lemon brass finish steel.....per dozen 3.50
No. AB900—Shaded antique brass finish steel.....per dozen 3.75
No. N900—Nickel plated steel, per dozen..... 5.00
No. F900—Bower-Barff steel,per dozen 3.50
No. P1000—Polished wrought bronze metal.....per dozen 7.50
No. A 1000—Polished wrought brass, per dozen..... 7.50
No. OC1000—Polished old copper finish wrought bronze metal.....per dozen 8.00
No. DB1000—Dull brass metal, per dozen 8.00
No. SC1000—Sand blast old copper finish wrought bronze metal.....per dozen 8.50
No. AB1000—Shaded antique brass metal, per dozen..... 8.50
No. N1000—Nickel plated bronze, per dozen..... 9.00

ONE DOZEN IN A BOX, WITH SCREWS.
AVERAGE WEIGHT ABOUT 2¾ LBS. PER DOZEN.

CHAMPION.

No. 1030—2½×1⅛ in., walnut bronzed iron, w't per doz. 2½ lbs.....per dozen $0.90
No. 1090—2½×1⅛ in., No. 3 finish bronzed plated iron, w't per doz. 2¾ lbs.....per dozen 2.00

ONE DOZEN IN A BOX, WITH SCREWS.

No. 1103—2½×1⅛ in., old copper finish bronzed plated iron, w't per doz. 2½ lbs.....per dozen $1.75
No. 1120—2½×1⅛ in., sand blast old copper finish, bronzed plated iron, w't per doz. 2½ lbs.....per dozen 2.75

ONE DOZEN IN A BOX, WITH SCREWS.

DIAMOND.

Size 2¼×1 in.

No. 540—Walnut bronzed iron, per dozen..... $1.15
No. P540—Polished bronze plated iron, per dozen..... 3.15
No. OC540—Unpolished old copper finish bronze plated iron.....per dozen 1.70
No. SC540—Sand blast old copper finish bronze plated iron.....per dozen 3.70
No. DB540—Dull or lemon brass finish iron.....per dozen 3.00
No. AB540—Shaded antique brass finish iron.....per dozen 3.25
No. SB540—Sand blast antique brass plated iron.....per dozen 3.70
No. F540—Bower-Barff iron.....“ 2.50
No. P550—Polished cast bronze metal, per dozen..... 6.40
No. OC550—Polished old copper finish cast bronze.....per dozen 7.20
No. SC550—Sand blast old copper finish cast bronze.....per dozen 7.50
No. DB550—Dull brass metal...per dozen 6.00
No. AB550—Shaded antique brass metal, per dozen..... 7.50

ONE DOZEN IN A BOX, WITH SCREWS.
AVERAGE WEIGHT ABOUT 3 LBS. PER DOZEN.

No. B540—2¾×1 in., No. 3 finish bronze plated iron, w't per doz. 3 lbs., per dozen..... $2.80

ONE DOZEN IN A BOX, WITH SCREWS.

IVES.

No. 0304—1⅞×1¼ in., walnut bronzed iron, w't per doz. 2 lbs.....per dozen $0.90

ONE DOZEN IN A BOX, WITH SCREWS.

PAYSON'S PERFECT.

No. 19—2½×1¼ in., walnut bronzed iron, cast bronze metal knob, with spring, w't per doz. 3¼ lbs., per dozen $1.75

ONE DOZEN IN A BOX, WITH SCREWS.

PAYSON'S SIGNAL.

With Spring Bolt, Size 1¾×¾ in.

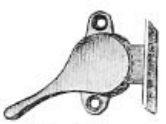
No. 570—Walnut bronzed iron..per dozen $1.50
No. 571—Bronze plated iron.....“ 4.00
No. 573—Polished old copper finish bronze plated iron.....per dozen 4.00

Lifts the upper sash to place. Draws both sashes together tight. Locks with certainty over wide front plate. Perfectly burglar-proof.

ONE DOZEN IN A BOX, WITH SCREWS.
WEIGHT 2¾ LBS. PER DOZEN.

CHAMPION SIDE.

Nos. 100 and 190.

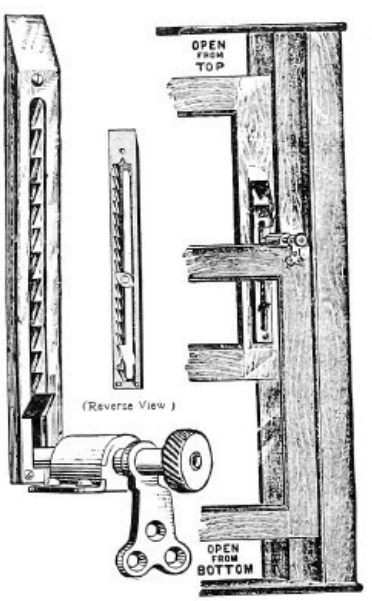


No. 180.

No. 100—Walnut bronzed iron, per dozen $1.20
No. 190—Bronze plated iron.....“ 1.75
No. 180—Old copper finished bronze plated iron.....per dozen 2.25

ONE DOZEN IN A BOX, WITH SCREWS.
WEIGHT 1¼ LBS. PER DOZEN.

CLIMAX VENTILATING.



Cold Rolled Steel, Spring of Best Music Wire.

No. P111—Plain bronze plated, per dozen..... $6.00
No. OC111—Polished old copper plated, per dozen..... 6.00
No. DB111—Dull brass or lemon brass plated.....per dozen 6.00

The window can be opened from top or bottom or both by simply turning the knob to the right, at the same time being securely locked, though open. To close it, just shut down the sash; the lock does the rest. All rattling is prevented by turning the knob to the right as far as it will go, thus drawing both sashes tightly together.

The Climax requires no cutting of sashes and cannot be picked from the outside.

ONE DOZEN IN A CARTON. WEIGHT 4¾ LBS PER DOZEN.

SASH TRIMMING.

SASH WEIGHTS.

Iron sash weights, round, regular stock, 3 to 20 lbs.....per pound $0.03
Iron check weights, round, w't ½ lb., for increasing regular weights, per pound..... .06
Special sizes and weights made to order, cannot be furnished except at an advance price.
Shipped in bundles wired together unless otherwise specified.

TABLE OF WEIGHT, DIAMETER AND LENGTH OF REGULAR STOCK SIZES.

Weight.....	**3**	**3½**	**4**	**4½**	**5 lbs.**
Diameter. ...	1½	1½	1½	1½	1½ in.
Length.....	5¾	7	8¾	9¼	11⅝ in.
Weight.....	**5½**	**6**	**6½**	**7**	**7½ lbs.**
Diameter. ...	1½	1½	1½	1½	1½ in.
Length.....	12¾	13½	14⅞	15⅞	17 in.
Weight.....	**8**	**8½**	**9**	**10**	**11 lbs.**
Diameter. ...	1½	1⅝	1⅝	1¾	1¾ in.
Length.....	18	16⅜	17½	16½	18⅛ in.
Weight.....	**12**	**13**	**14**	**15**	**16 lbs.**
Diameter. ...	1¾	1¾	1¾	1¾	1¾ in.
Length.....	19⅝	21⅛	22⅝	24⅛	25⅝ in.

Weight.....	**18**	**20 lbs.**
Diameter.....	2	2 in.
Length.....	22½	25¼ in.

TABLE SHOWING LENGTH PER POUND OF ROUND AND SQUARE WEIGHTS.

Diameter.....	**2**	**2¼**	**2½**	**3 in.**
Length per pound of square w'ts	.93	.737	.608	.413 in.
Length per pound of round w'ts..	1.18	.956	.768	.536 in.

If weights are too long for the length of opening to pockets, we can furnish them in two pieces linked together.

SASH CORD IRONS.

No. 10.

No. 20.

No. 10—Malleable iron, w't per gro. 4 lbs., per gross..... $0.60
No. 20—PHILLIPS', wrought steel, w't per gro. 2¼ lbs.....per gross 2.50
One blow of a hammer secures the No. 20 firmly to end of sash cord.
ONE GROSS IN A BOX.

SASH WEIGHT FASTENERS.

No. 30—CROUGH'S, wrought steel, w't per gro. 1 lb.....per gross $1.80
One blow of the hammer will make a secure fastening without a knot.
ONE GROSS IN A BOX.

STOP SCREWS AND WASHERS.

Size 1¼×8 in.

No. 1—Blued iron.....per gross $1.25
No. 2—Bronze plated iron..... " 1.50
No. 3—Old copper finish bronze plated iron.....per gross 1.50
No. 7—Dull or lemon brass finished iron, per gross..... 1.50
No. 8—Shaded antique brass finished iron, per gross..... 1.60
No. 4—Nickel plated iron.....per gross 2.10
No. 6—Polished bronze metal... " 3.00
ONE GROSS IN A BOX. AVERAGE WEIGHT ABOUT 1½ LBS. PER GROSS.

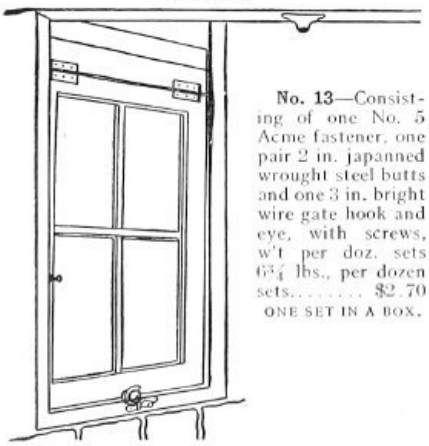
IVES' WINDOW STOP ADJUSTERS.

No. 733½—Polished bronze plated steel, per gross..... $2.10
No. 734 —Polished bronze metal, per gross..... 2.90
No. 748 —Bower-Barff steel, per gross 2.20
No. 749 —Polished old copper finish bronze plated steel.....per gross 2.20
No. 749½—Sand blast old copper finish bronze plated steel.....per gross 2.45
No. 750 —Polished old copper finish bronze metal.....per gross 3.15
No. 751 —Dull or lemon brass finished steel.....per gross 3.15
No. 752 —Shaded antique brass metal, per gross..... 3.15
No. 750½—Sand blast old copper finish bronze metal.....per gross 3.40
ONE GROSS IN A BOX. AVERAGE WEIGHT ABOUT 1½ LBS. PER GROSS.

ACME BASEMENT WINDOW FASTENERS.

No. 5—Malleable iron, japanned, with screws, w't per doz. 2½ lbs...per dozen $0.75
ONE DOZEN IN A BOX.

ACME BASEMENT WINDOW SETS.



No. 13—Consisting of one No. 5 Acme fastener, one pair 2 in. japanned wrought steel butts and one 3 in. bright wire gate hook and eye, with screws, w't per doz. sets 6¾ lbs., per dozen sets..... $2.70
ONE SET IN A BOX.

WINDOW SPRING BOLTS.

No. 200—Light copper bronzed iron, with zinc case, w't per gro. 4 lbs....per gross $1.80
No. 250—Japanned iron, silver capped, with zinc case, w't per gro. 4 lbs., per gross..... 2.50

No. 100—Tinned wrought iron, with heavy zinc case, w't per gro. 4½ lbs, per gross..... $3.30
No. 150—Tinned malleable iron, with heavy zinc case, w't per gro. 4½ lbs., per gross..... 3.00
No. 175—Tinned malleable iron, extra long, heavy zinc case, w't per gro. 4½ lbs.....per gross 4.20
HALF GROSS IN A BOX.

JUDD'S BOLT SOCKETS.

No. 1—Bright cast iron, w't per gro. 21 lbs., per gross..... $0.60
ONE GROSS IN A BOX.

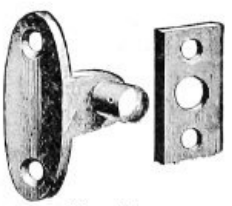
SASH CENTERS.

No. 1.

No. 2.

No. 1—2 in., japanned iron, right or left hand, ⅜ in. pin, w't per gro. sets 22 lbs., per gross sets..... $3.60
No. 2—2¾ in., japanned iron, right or left hand, ½ in. pin, w't per gro. sets 32 lbs., per gross sets..... 6.20
NO. 1 HALF GROSS; NO. 2, ONE-QUARTER GROSS IN A BOX.

Nos. 43 and 44.

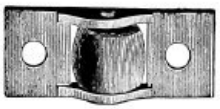


No. 45.

No. 43—2⅜×⅞ in., coppered iron, ⅜ in. pin, w't per doz. 4 lbs..per dozen sets $0.85
No. 44—2¾×1 in., coppered iron, ½ in. pin, w't per doz 6 lbs...per dozen sets 1.45
No. 45—3⅜×1⅜ in., coppered iron, ⅝ in. pin, w't per doz. 10 lbs..per dozen sets 2.30
A set consists of four pieces complete for both sides of sash.
NOS. 43 AND 44 ONE DOZEN SETS; NO. 45 HALF DOZEN SETS IN A BOX, WITHOUT SCREWS.

SASH TRIMMINGS.

SASH ROLLERS.



Japanned Iron.

No. 5—Width	5/8	3/4	7/8	1	in.
Wheel	3/8	1/2	5/8	3/4	in.
W't per gro	7	9	14	18	lbs.
Per gross	$1.75	2.00	3.00	4.00	

HALF GROSS IN A BOX.

TRANSOM PINS.

No. 23—3¾ in., bright steel, heavily threaded.....per dozen $1.00

HALF GROSS IN A BOX.

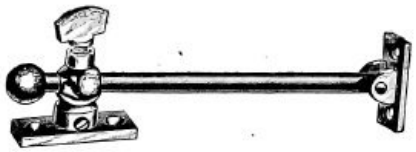
TRANSOM CHAINS.

No. P88—14 in., steel, bronze plated and polished, w't per doz. 4 lbs...per dozen $4.00

No. OC88—14 in., steel, polished old copper finish, w't per doz. 4 lbs...per dozen 4.80

ONE DOZEN IN A BOX, WITH SCREWS.

CASEMENT WINDOW ADJUSTERS.



Iron, Length 13 Inches, Diameter 3/8 Inch.

No. C190—Common, coppered, per dozen..... $6.50

No. P190—Bronze plated.....per dozen 8.75

No. A190—Blass plated..... " 8.75

No. OC190—Old copper finish.. " 9.75

No. DB190—Dull or lemon brass finish, per dozen..... 9.75

No. AB190—Shaded antique brass finish, per dozen..... 10.00

No. SC190—Sand blast old copper finish, per dozen..... 10.00

HALF DOZEN IN A BOX. WEIGHT 4¾ LBS. PER DOZEN.

CASEMENT WINDOW CATCHES.

Iron, 1⅝×1 7/16 Inch Plate.

No. J1680—Japanned.....per dozen $2.10

No. P1680—Bronze plated.... " 5.00

No. A1680—Brass plated..... " 5.00

No. OC1680—Old copper finish. " 5.50

No. SC1680—Sand blast old copper finish, per dozen..... 5.50

No. DB1680—Dull or lemon brass finish, per dozen..... 5.50

No. AB1680—Shaded antique brass finish, per dozen..... 5.75

ONE DOZEN IN A BOX, WITH SCREWS. WEIGHT 3 LBS. PER DOZEN.

Iron, 1¾×1 7/16 Inch Plate.

No. P1684—Bronze plated....per dozen $5.00

No. A1684—Brass plated..... " 5.00

No. OC1684—Old copper finish. " 5.50

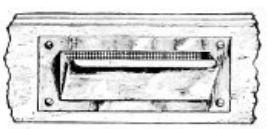
No. SC1684—Sand blast old copper finish, per dozen..... 5.50

No. DB1684—Dull or lemon brass finish, per dozen..... 5.50

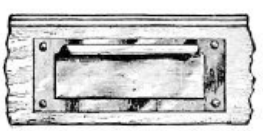
No. AB1684—Shaded antique brass finish, per dozen..... 5.75

ONE DOZEN IN A BOX, WITH SCREWS. WEIGHT 2¼ LBS. PER DOZEN.

SASH LIFTS AND VENTILATORS.



Ventilator Open.



Ventilator Closed.

Yawman Sash Lift and Ventilator, Bronze Metal, 6×2¼ in. Outside and Inside Plates.

No. OC630—Old copper finish..per dozen $15.00

No. DB630—Dull brass finish..per dozen 15.00

No. P630—Plain bronze finish,per dozen 15.00

The latest device for furnishing fresh air and ventilation to offices, schools and residences. It ventilates without a direct draft, at the same time the window remains securely fastened.

ONE DOZEN IN A BOX, WITH SCREWS. WEIGHT 4 LBS. PER DOZEN.

SASH PULL SOCKETS.

Size 1⅛ in.

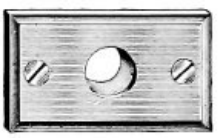
No. P160—Bronze plated iron, per dozen $0.80

No. OC160—Old Copper finish iron, per dozen..... .90

No. F160—Bower-Barff iron..per dozen .95

TWO DOZEN IN A BOX, WITH SCREWS. AVERAGE WEIGHT 1 LB. PER DOZEN.

SASH PULL PLATES.



Size 2⅜×1⅛ in.

No. P161—Bronze plated iron, per dozen $1.25

No. OC161—Old copper finish iron, per dozen..... 1.25

No. DB161—Dull or lemon brass finish iron.....per dozen 1.25

No. AB161—Shaded antique brass finish iron.....per dozen 1.30

No. SC161—Sand blast old copper finish iron.....per dozen 1.40

No. F161—Bower Barff iron..per dozen 2.00

No. P61—Polished cast bronze metal, per dozen..... 1.75

No. OC61—Polished old copper finish cast bronze metal.....per dozen 1.80

No. SC61—Sand blast old copper finish cast bronze metal.....per dozen 1.90

No. DB61—Dull or lemon brass metal, per dozen..... 1.85

No. AB61—Shaded antique brass metal, per dozen..... 1.90

ONE DOZEN IN A BOX, WITH SCREWS. AVERAGE WEIGHT 1½ LBS. PER DOZEN.

SASH PULL HOOKS.

Size 2⅞ in.

No. P159—Bronze plated iron, per dozen $2.75

No. OC159—Old Copper finish iron, per dozen..... 3.00

No. DB159—Dull or lemon brass finish iron.....per dozen 3.00

No. AB159—Shaded antique brass finish iron.....per dozen 3.25

No. SC159—Sand blast old copper finish iron.....per dozen 3.30

No. F159—Bower-Barff iron...per dozen 7.25

No. A59—Polished cast brass, per dozen 6.00

No. P59—Polished cast bronze metal, per dozen..... 6.00

No. OC59—Polished old copper finish cast bronze metal.....per dozen 7.00

ONE DOZEN IN A BOX, WITH SCREWS. AVERAGE WEIGHT 3 LBS. PER DOZEN.

PAYSON'S "SOLID GRIP" TRANSOM LIFTERS.

Center Hung.
(Pull down to open.)

Center Hung.
(Push up to open.)

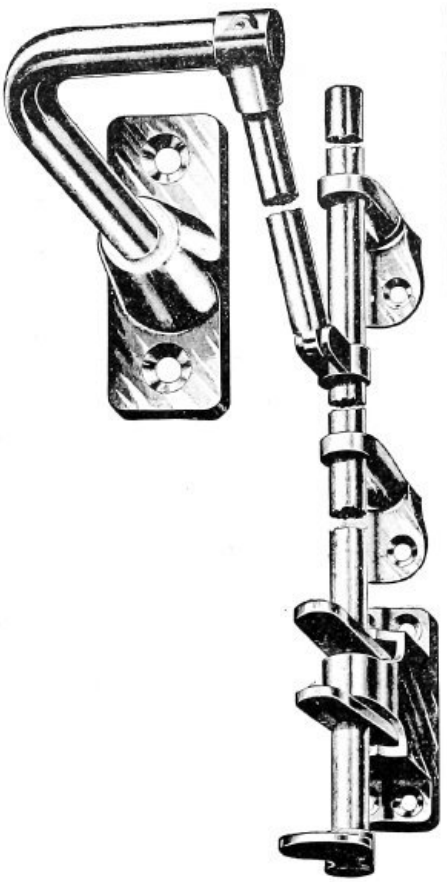
Top Hung.
(Push up to open.)

Special Class 4, Bottom Hung.
(Pull down to open.)

The above cuts show the four different positions in which transoms may be hung.

The "Solid Grip" lifter will lock instantly at any point, and is adapted for either top, bottom, or center hung transoms, but all bottom hung transoms should be hung with special class 4 lifters, and must be so hung when there is but small space above the transom. Transoms hinged at the bottom afford better protection against rain, draughts, storms and intruders. They can be screened easier and can be guarded with transom chains.

The Special Class 4 must be used for bottom hung transoms, where space overhead will not admit the using of regular lifter.



Bronzed Iron.

Nos.	303	304	314
Diameter.	1/4	1/4	5/16 in.
Rod.	3	4	4 ft.
Weight.	7/8	1	2 lbs.
Each.	$0.55	.55	1.00

Nos.	315	316	325
Diameter.	5/16	5/16	3/8 in.
Rod.	5	6	5 ft.
Weight.	2 1/4	2 1/2	3 1/2 lbs.
Each.	$1.15	1.25	1.50

Nos.	326	336
Diameter.	3/8	1/2 in.
Rod.	6	6 ft.
Weight.	4	6 3/4 lbs.
Each.	$1.70	3.20

For additional lengths add for each foot or fraction, 10 cents list for 1/4 in., 15 cents list for 5/16 in., 20 cents list for 3/8 in., and 30 cents list for 1/2 in.

Sizes 5/16, 3/8 and 1/2 in. have steel brackets, steel locks and brass trimmings. The 1/4 in. is similar, but has cast iron brackets.

Plated Finishes (on Iron), with Screws.
Bronze Plated, Bower-Barff, Old Copper and Old Brass.

Nos.	203	204	214
Diameter.	1/4	1/4	5/16 in.
Rod.	3	4	4 ft.
Weight.	7/8	1	2 lbs.
Unpolished. each	$0.95	1.05	1.30
Polished. "	1.25	1.40	1.70

Nos.	215	216	225
Diameter.	5/16	5/16	3/8 in.
Rod.	5	6	5 ft.
Weight.	2 1/4	2 1/2	3 1/2 lbs.
Unpolished. each	$1.50	1.70	1.80
Polished. "	2.00	2.25	2.40

Nos.	226	228	236
Diameter.	3/8	3/8	1/2 in.
Rod.	6	8	6 ft.
Weight.	3 3/4	4 1/2	6 3/4 lbs.
Unpolished. each	$2.05	2.60	4.05
Polished. "	2.70	3.50	4.30

Nos.	237	238
Diameter.	1/2	1/2 in.
Rod.	7	8 ft.
Weight.	7 1/4	7 3/4 lbs.
Unpolished. each	$4.35	4.65
Polished. "	5.65	6.05

For additional lengths add for extra feet or fractions, 30 cents list per foot for 1/4 in., 45 cents list for 5/16 in., 60 cents list for 3/8 in., and 90 cents list for 1/2 in.

In ordering, state number and style of finish. Unpolished furnished when not otherwise specified.

CATCHES.

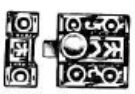
FRENCH WINDOW.

No. 115½—1¼ in., walnut bronzed iron, porcelain knob, w't per doz. 3¼ lbs., per dozen $0.75

TWO DOZEN IN A BOX, WITH SCREWS.

No. 215½—1¼ in., walnut bronzed iron, bronze metal knob, w't per doz, 3¼ lbs. per dozen $0.75

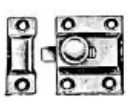
TWO DOZEN IN A BOX, WITH SCREWS.



Size 1¼ in.

No. B172—1¼ in., No. 3 finish, polished bronze plated, bronze knob, w't per doz. ½ lb ..... per dozen $1.40

TWO DOZEN IN A BOX.



Size 1¼ in.

No. P172—Polished bronze plated iron, per dozen $3.00

No. OC172—Polished old copper finish iron ..... per dozen 3.50

No. SC172—Sand blast copper finish iron, per dozen 3.75

No. DB172—Dull or lemon brass finish iron ..... per dozen 3.50

No. AB172—Shaded antique brass finish iron ..... per dozen 3.75

No. P72—Polished bronze metal, per dozen 4.50

No. OC72—Polished old copper finish bronze metal ..... per dozen 5.25

No. SC72—Sand blast old copper finish bronze metal ..... per dozen 5.50

No. A72—Polished cast brass, per dozen 4.65

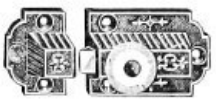
No. DB72—Dull brass metal .. " 5.00

No. AB72—Shaded antique brass metal, per dozen 5.50

ONE DOZEN IN A BOX, WITH SCREWS. AVERAGE WEIGHT 1½ LBS. PER DOZEN.

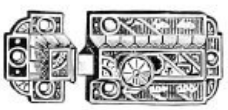
The size given on all the above window and transom catches is the width of case exclusive of strike.

CUPBOARD.



No. 427—2¼ in., walnut bronzed iron, porcelain knob, w't per doz. 2 lbs., per dozen $0.80

TWO DOZEN IN A BOX, WITH SCREWS.



No. 3031—2¼ in., walnut bronzed iron, cast bronze metal knob, w't per doz. 2½ lbs. ..... per dozen $0.75

TWO DOZEN IN A BOX, WITH SCREWS.

No. B173 —1½ in., No. 3 finish, bronze plated, cast bronze metal knob, w't per doz. 2¼ lbs ..... per dozen $1.50

TWO DOZEN IN A BOX, WITH SCREWS.

No. B173½—2¼ in., No. 3 finish, bronzed plated, plain cast bronzed metal knob, w't per doz. 3¾ lbs ..... per dozen $1.60

TWO DOZEN IN A BOX, WITH SCREWS.

Iron, Size 1½ in.

No. P173—Plain bronze plated, per dozen $3.50

No. OC173—Old copper finish, bronze plated ..... per dozen 4.25

No. SC173—Sand blast old copper finish, bronze plated ..... per dozen 4.25

No. DB173—Dull or lemon brass finish, per dozen 4.25

No. AB173—Shaded antique brass finish, per dozen 4.50

No. N173—Nickel plated ..... per dozen 5.00

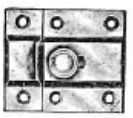
No. F173—Bower-barff finish, per dozen 5.00

Steel.

No. OC173½—1⅝ in., old copper plated, per dozen $2.50

ONE DOZEN IN A BOX, WITH SCREWS.
AVERAGE WEIGHT 3 LBS. PER DOZEN.

CUPBOARD.



Brass and Bronze.

No. P73—1½ in., polished cast bronze metal ..... per dozen $5.00

No. OC73—1½ in., polished old copper finish, cast bronze metal ..... per dozen 5.75

No. SC73—1½ in., sand blast old copper finish, cast bronze metal ..... per dozen 5.75

No. A73—1½ in., polished cast brass, per dozen 5.00

No. DB73—1½ in., dull brass metal, per dozen 5.40

No. AB73—1½ in., shaded antique brass metal ..... per dozen 6.00

No. N73—1½ in., nickel plated bronze, per dozen 6.00

ONE DOZEN IN A BOX, WITH SCREWS.
AVERAGE WEIGHT 3 LBS. PER DOZEN.

TRANSOM.

No. B172½—1¼ in., No. 3 finish, polished bronze plated iron ..... per dozen $1.95

No. P172½—1½ in., plain bronze plated iron ..... per dozen 3.75

No. OC172½—1½ in., old copper plated iron ..... per dozen 4.20

No. SC172½—1½ in., sand blast old copper plated iron ..... per dozen 4.60

No. DB172½—1½ in., dull or lemon brass plated iron ..... per dozen 4.20

No. AB172½—1½ in., shaded antique copper plated iron ..... per dozen 4.20

No. F172½—1½ in., bower-barff iron, per dozen 5.50

No. P72½—1¼ in., polished bronze metal ..... per dozen 5.00

No. OC72½—1¼ in., polished old copper finish metal ..... per dozen 5.50

No. SC72½—1¼ in., sand blast old copper finish metal ..... per dozen 5.75

No. DB72½—1¼ in., dull or lemon brass metal ..... per dozen 5.50

No. AB72½—1¼ in., shaded antique brass metal ..... per dozen 5.75

ONE DOZEN IN A BOX, WITH SCREWS.
AVERAGE WEIGHT 1 LB. PER DOZEN.

CUPBOARD TURNS, SHUTTER BARS, AND DOOR BOLTS.

CUPBOARD TURNS.

Round Knob.

No. 71—1½ in., walnut bronzed iron, cast bronze metal knob, w't per doz. 3½ lbs. per dozen..... $1.70
No. 274—1¾ in., light copper bronzed iron, w't per doz. 3½ lbs....per dozen 2.00
No. 81—2 in., walnut bronzed iron, cast bronze metal knob, w't per doz. 4 lbs., per dozen..... 2.70

T Handle.

No. 322—1¾ in., walnut bronzed iron, with cast bronze metal "T" handle, w't per doz. 4 lbs.....per dozen $1.70

No. 103—2 in., walnut bronzed iron, round knob, w't per doz. 4 lbs., per dozen $1.50

No. 303—2 in., walnut bronzed iron, "T" handle, w't per doz. 4 lbs....per dozen $1.50

No. B174 —1⅝ in., round knob, No. 3 finish, electro bronze plated, w't per doz. 3¾ lbs.....per dozen $3.60

No. B174½—1⅝ in., "T" handle, No. 3 finish, electro bronze plated, w't per doz. 3¾ lbs.....per dozen $3.60
ONE DOZEN IN A BOX, WITH SCREWS.
The size given is the width exclusive of strike.

CUPBOARD TURNS.

Oval Knob, Size 1⅝ Inch.

No. P174—Polished bronze plated iron, per dozen..... $4.50
No. OC174—Polished old copper finish bronze plated iron.....per dozen 5.00
No. SC174—Sand blast old copper finish bronze plated iron.....per dozen 5.00
No. DB174—Dull brass or lemon brass finished iron.....per dozen 5.00
No. AB174—Shaded antique brass finished iron.....per dozen 5.25
No. N174—Nickel plated iron, per dozen 6.50
No. F174—Bower-barff iron, " 7.20
No. OC174½—Old copper plated *steel*, per dozen..... 4.00
No. P74—Polished cast bronze metal, per dozen..... 8.00
No. OC74—Polished old copper finish cast bronze metal.....per dozen 9.00
No. SC74—Sand Blast old copper finish cast bronze metal.....per dozen 9.00
No. A74—Polished cast brass " 8.75
No. DB74—Dull brass metal.. " 8.50
No. AB74—Shaded antique brass metal, per dozen..... 9.50
No. N74—Nickel plated bronze, per dozen..... 10.00
ONE DOZEN IN A BOX, WITH SCREWS.
AVERAGE WEIGHT 4 LBS. PER DOZEN.

SHUTTER BARS.

No. 30—2 in., walnut bronzed iron, w't per doz. 3 lbs.....per dozen $0.60
No. 31—2½ in., walnut bronzed iron, w't per doz. 3 lbs.....per dozen .75
TWO DOZEN IN A BOX, WITH SCREWS.

No. 913—2 in., cast brass, polished, w't per doz. 3 lbs.....per dozen $1.50
No. 914—2½ in., cast brass, polished, w't per doz. 3 lbs.....per dozen 1.75
TWO DOZEN IN A BOX, WITH SCREWS.

No. P67—2¼ in., polished bronze metal, w't per doz. 1½ lbs.....per dozen $2.25
No. OC67—2½ in., polished old copper finish bronze metal, w't per doz. 1½ lbs.....per dozen 2.75
ONE DOZEN IN A BOX, WITH SCREWS.
The size given is the width from outside of plates.

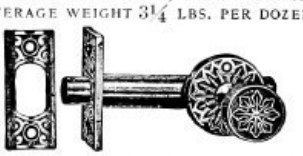
MORTISE DOOR BOLTS.

Ives Patent, Iron Bolt, ½ Inch Throw, with Strike.

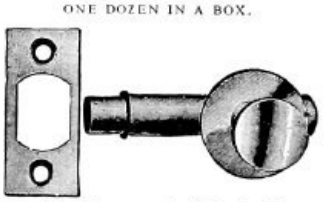
No. 8—2½ in., walnut bronzed knob and plate, w't per doz. 3¼ lbs., per dozen..... $2.00
No. 14—2½ in., bronze metal knob and plate, w't per doz. 3¼ lbs....per dozen 2.95
ONE DOZEN IN A BOX, WITH SCREWS.

Ives Patent, Iron Bolt, ½ Inch Throw, with Strike, Length 2½ in.

No. 15—Polished bronze metal knob and plate.....per dozen $3.50
No. 16—Old copper finish bronze metal knob and plate.....per dozen 3.80
No. 016—Sand blast copper finish knob and plate.....per dozen 4.25
ONE DOZEN IN A BOX, WITH SCREWS.
AVERAGE WEIGHT 3¼ LBS. PER DOZEN.

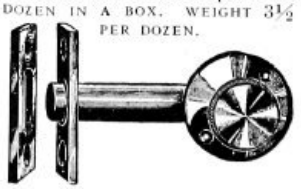


No. 2—CHAMPION GEM, 3 in., No. 3 finish, bronzed metal bolt, knob, rose and face plate, cog movement, ¾ in. throw, with flat strike, w't per doz. 5 lbs., per dozen..... $9.00
ONE DOZEN IN A BOX.



Champion, Cog Movement, ¾ Inch Throw, with Flat Strike, Length 2½ in.

No. 9½—Polished old copper finish bolt, knob and rose.....per dozen $5.00
No. 09 —Polished brass plated bolt, knob and rose.....per dozen 5.00
No. 09½—Dull or lemon brass finish bolt, knob and rose.....per dozen 5.00
No. 10 —Shaded antique brass finish bolt, knob and rose.....per dozen 5.00
ONE DOZEN IN A BOX. WEIGHT 3½ LBS. PER DOZEN.

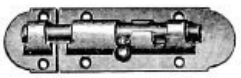


Champion, Cog Movement, ¾ Inch Throw, with Flat Strike, Length 3 in.

No. 08 —Polished nickel plated knob and rose, iron face plate, bronze plated bolt.....per dozen $6.50
No. 3 —Polished bronze metal knob, rose and face plate, bronze plated bolt, per dozen..... 9.00
No. 3½—Polished old copper finish, bronze metal knob, rose and face plate, bronze plated bolt.....per dozen 9.00
No. 13½—Sand blast old copper finish, bronze metal knob, rose and face plate, bronze plated bolt.....per dozen 9.00
ONE DOZEN IN A BOX.
AVERAGE WEIGHT 4½ LBS. PER DOZEN.

DOOR BOLTS.

BARREL.



Cast Iron, Japanned Plate, Polished Bolt, Brass Knob, with Strike.

No. 500—Sizes....	3	4	5	6	in.
W't per doz.....	2	5½	6½	9	lbs.
Per dozen.....$0.70	.85	1.15	1.35		

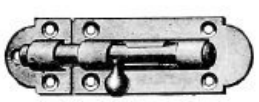
ONE DOZEN IN A BOX.

Wrought Iron, Light Copper Bronzed Plate, Polished Bolt, Brass Knob, with Strike.

No. 406—Sizes.....	2½	3	4	in
W't per doz.....	1½	2¼	3	lbs
Per dozen.....$1.25	1.50	1.75		

No. 406—Sizes.....	5	6	in.
W't per doz.....	5	6	lbs.
Per dozen.....$2.00		2.25	

ONE DOZEN IN A BOX, WITH SCREWS.



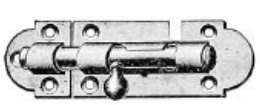
Light Wrought Iron, Japanned Plate, Polished Bolt, Brass Knob, with Strike.

No. 1078—Sizes.....	2	2½	3	in.
W't per doz.....	1	1½	2¼	lbs.
Per dozen.....$1.50	1.50	1.90		

No. 1078—Sizes.....	4	5	6	in.
W't per doz.....	3	5	5½	lbs.
Per dozen.....$2.15	2.50	2.90		

The 2-in. is the same as the other sizes with square instead of round end plate and strike.

ONE DOZEN IN A BOX.



Heavy Wrought Iron, Japanned Plate, Polished Bolt, Brass Knob, with Strike.

No. 1084—Sizes	4	5	6	8	in.
W't per doz...	4½	6	7½	16	lbs.
Per dozen.....$2.45	3.00	3.40	6.50		

ONE DOZEN IN A BOX.

Enameled Iron, Bronze Metal Knob, with Strike.

No. 261—Sizes.	2½	3	4	5	in.
W't per doz.	2¼	2½	3	3½	lbs.
Per dozen.....$1.10	1.25	1.50	1.80		

ONE DOZEN IN A BOX, WITH SCREWS.

BARREL.

No. 3 Finish, Bronze Plated Iron, with Strike.

Nos.	B198	B199	B100
Length.....	3	4	5 in.
W't per doz.....	3¼	4	6½ lbs.
Per dozen.....$2.50	3.00	3.50	

ONE DOZEN IN A BOX, WITH SCREWS.

Polished Cast Brass Plate, Iron Bolt, Brass Knob, with Strike.

Nos.	69	70	71	72
Length....	3	3½	4	5 in.
W't per doz.	2	2¼	2½	3 lbs.
Per dozen..$3.25		3.50	4.25	4.75

ONE DOZEN IN A BOX.

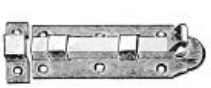
SPRING.

Wrought Steel, Japanned Plate, Polished Iron Square Bolt, with Strike.

Nos.	0	1	2	3
Length....	2	2½	3	3½ in.
W't per doz.	½	¾	1	1¼ lbs.
Per dozen .$1.10		1.20	1.35	1.60

Nos.	4	5	6	7
Length....	4	4½	5	6 in.
W't per doz.	1½	2	2¼	3½ lbs.
Per dozen .$1.80		2.10	2.25	2.70

ONE DOZEN IN A BOX.



All Brass, Full Polished, with Strike.

Nos.	18	19	20	21
Length....	2	2½	3	3½ in.
W't per doz.	½	¾	1	1¼ lbs.
Per dozen..$2.25		2.70	3.25	4.00

ONE DOZEN IN A BOX.

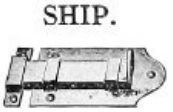
NECK.

Wrought Steel, Japanned Plate, Polished Iron Bolt.

Nos.	47	48	49
Length.....	2½	3	3½ in.
W't per doz.....	¾	1	1¼ lbs.
Per dozen.....$1.20		1.35	1.60

ONE DOZEN IN A BOX.

SHIP.



All Brass, Full Polished, with Strike.

Nos.	151	152	153
Length.....	2	2½	3 in.
W't per doz.....	¾	1	2 lbs.
Per dozen.....$4.20		4.80	6.50

ONE DOZEN IN A BOX.

SQUARE.

Wrought Steel, Japanned Plate, Polished Bolt, Steel Spring, with Strike.

No. 1088—Sizes.	4	5	6	8	10	in.
W't per doz.	4	5	5¾	11	20	lbs
Per dozen.....$2.50	2.65	2.85	4.00	6.50		

HALF DOZEN IN A BOX.

Wrought Steel, Japanned Plate, Polished Bolt, Steel Spring, with Floor Plate.

No. 1090—Sizes.....	6	8	10	in.
W't per doz.....	5	11	19	lbs.
Per dozen.....$2.85		4.00	6.50	

HALF DOZEN IN A BOX.

Extra Heavy, Wrought Steel, Japanned Plate, Polished Bolt, Steel Spring, with Strike.

No. 1092—Sizes	6	7	8	10	in.
W't per doz...	8½	14	15	27	lbs.
Per dozen.....$3.60		4.75	5.25	8.00	

HALF DOZEN IN A BOX.

Extra Heavy, Wrought Steel, Japanned Plate, Polished Bolt, Steel Spring, with Floor Plate.

No. 1094—Sizes.	6	7	8	10	12	in.
W't per doz....	8½	14	16	27	33	lbs.
Per dozen.....	$3.60	4.75	5.25	8.00	9.75	

HALF DOZEN IN A BOX.

Enameled Iron, Bronze Metal Knob, with Strike.

Nos.	2258	2260
Length.....	3	4 in
W't per doz.....	4	4½ lbs
Per dozen.....$2.50		2.80

HALF DOZEN IN A BOX, WITH SCREWS.

THE SIZE GIVEN IS THE LENGTH OF THE PLATE EXCLUSIVE OF STRIKE.

CHAIN BOLTS, FOOT BOLTS, DOOR GUARDS, ETC.

CHAIN BOLTS.

Japanned Iron, Light, with Beveled Strike.

No. 1—Length	3	4	5 in.
W't per doz.	2¾	3½	4 lbs.
Per dozen	$0.75	.90	1.10

HALF DOZEN IN A BOX.

Japanned Iron, with Beveled Strike.

Nos.	106	108	110
Length.	6	8	10 in.
W't per doz.	12	16	34 lbs.
Per dozen	$2.40	3.00	4.25

HALF DOZEN IN A BOX.

Walnut Bronzed, Iron with Strike.

Nos.	19	21	23
Length.	4	6	8 in.
W't per doz.	6	12	15 lbs.
Per dozen	$2.50	3.25	3.75

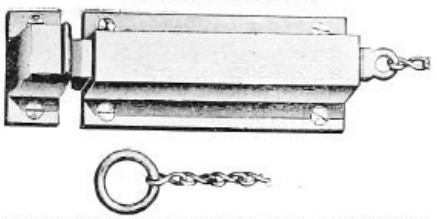
HALF DOZEN IN A BOX, WITH SCREWS.

No. 3 Finish, Electro Bronze Plated, with Beveled Strike.

Nos.	B101	B102
Length.	6	8 in.
W't per doz.	11	14 lbs.
Per dozen	$6.00	7.50

HALF DOZEN IN A BOX, WITH SCREWS.

CHAIN BOLTS.



Plain Polished Bronze Plated Iron, with Beveled Strike.

Nos.	P100½	P101	P102
Length.	4	6	8 in.
W't per doz.	8	14	20 lbs.
Per dozen	$8.50	9.50	11.25

Polished Old Copper Finish Iron, with Beveled Strike.

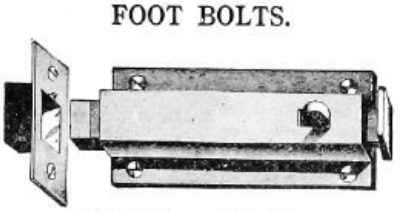
Nos.	OC100½	OC101	OC102
Length.	4	6	8 in.
W't per doz.	8	14	20 lbs.
Per dozen	$9.00	10.00	12.00

Dull or Lemon Brass Plated Iron.

Nos.	DB100½	DB101
Length.	4	6 in.
W't per doz.	8	14 lbs.
Per dozen	$9.00	10.00

HALF DOZEN IN A BOX, WITH SCREWS.

FOOT BOLTS.



Polished Bronze Plated Iron.

Nos.	P102½	P103	P104
Length.	4	6	8 in.
W't per doz.	8	11	14 lbs.
Per dozen	$9.00	10.00	11.00

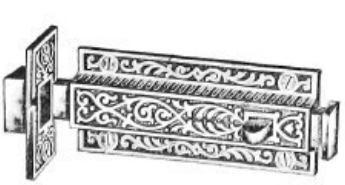
Polished Old Copper Finish, Bronze Plated Iron.

Nos.	OC102½	OC103	OC104
Length.	4	6	8 in.
W't per doz.	8	11	14 lbs.
Per dozen	$10.00	11.00	12.00

Dull or Lemon Brass Plated Iron.

Nos.	DB102½	DB103
Length.	4	6 in.
W't per doz.	8	11 lbs.
Per dozen	$10.00	11.00

HALF DOZEN IN A BOX, WITH SCREWS.



Walnut Bronzed Iron.

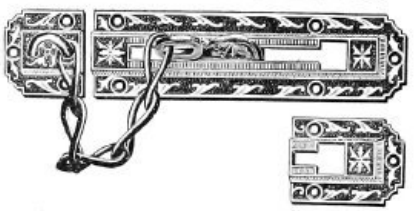
Nos.	125	126
Length.	6	8 in.
W't per doz.	11	12 lbs.
Per dozen	$3.00	3.50

No. 3 Finish, Bronze Plated Iron.

Nos.	B102½	B103	B104
Length.	4	6	8 in.
W't per doz.	8	11	14 lbs.
Per dozen	$6.00	6.75	7.50

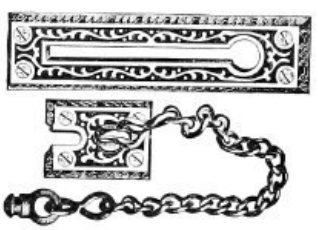
HALF DOZEN IN A BOX, WITH SCREWS.

CHAIN DOOR FASTENERS.



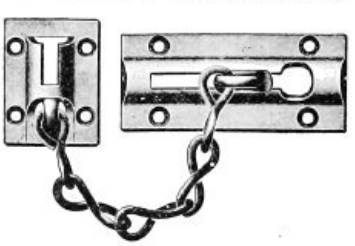
No. 145—6 in., walnut bronzed iron, w't per doz. 8 lbs. ..... per dozen $3.00

HALF DOZEN IN A BOX, WITH SCREWS.



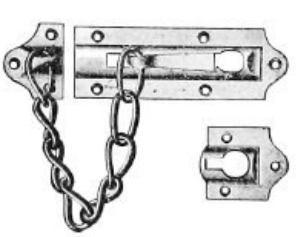
No. B184—6 in., No. 3 finish, bronze plated, w't per doz. 7 lbs. ... per dozen $6.50

ONE DOZEN IN A BOX, WITH SCREWS.



No. OC184—4 in., old copper plated steel, w't per doz. 5 lbs. ..... per dozen $6.00

HALF DOZEN IN A BOX, WITH SCREWS.



No. 50—4 in., cast brass, polished and lacquered, w't per doz. 4½ lbs., per dozen $6.00

HALF DOZEN IN A BOX.

IMPROVED DOOR GUARDS.

Malleable Iron, Reversible.

No. 101—6 in., walnut bronzed, per dozen ..... $ 5.00

No. 104—6 in., polished bronze plated, per dozen 10.00

No. 106—6 in., polished old copper finish, per dozen 10.00

Has all the advantages of a chain fastener with important improvements. Holds the door slightly ajar, and will prevent swinging to and fro. It is easily and quickly unlocked and secured.

ONE DOZEN IN A BOX. WEIGHT 6½ LBS. PER DOZEN.

THE SIZE GIVEN ON CHAIN BOLTS, FOOT BOLTS AND DOOR FASTENERS IS THE LENGTH OF THE PLATE EXCLUSIVE OF STRIKE.

FLUSH BOLTS.

BRASS.

Polished Cast Brass, without Strike.

Nos.	11	12	14
Sizes	3/8×2 1/2	3/8x3	3/8×4 in.
W't per doz.	1/4	3/8	5/8 lbs.
Per dozen	$1.05	1.15	1.50

Nos.	24	26	34
Sizes	1/2×4	1/2×6	5/8×4 in.
W't per doz.	7/8	1 1/8	1 1/4 lbs.
Per dozen	$1.80	2.55	2.55

Nos.	36	46	48
Sizes	5/8×6	3/4×6	3/4×8 in.
W't per doz.	1 1/2	2 1/2	3 1/2 lbs.
Per dozen	$3.75	4.20	5.70

ONE DOZEN IN A BOX.

IRON.

Enameled Iron, 1 Inch Wide, 1/2 Inch Round Bolt, with Strike.

No. 55—Length	6	8	10 in.
W't per doz.	5	6	7 3/4 lbs.
Per dozen	$1.70	1.90	2.15

Electro Bronze Plated, No. 3 Finish, 1 Inch Wide, 1/2 Inch Round Bolt, with Strike.

Nos.	B109	B110	B111
Length	6	9	12 in.
W't per doz.	5	8	8 1/2 lbs.
Per dozen	$4.50	5.50	7.50

NO. 55 HALF DOZEN; NOS. B109 TO B111 ONE DOZEN IN A BOX, WITH SCREWS.

STEEL.

Polished Wrought Steel, 3/4 Inch Wide, 1/4 Inch Round Bolt, Sunk Thumb Piece, with Strike.

No. 1030—Length	6	9	12 in.
W't per doz.	3 1/4	4 1/2	6 lbs.
Per dozen	$2.50	2.80	3.10

No. 1034—Length	6	9	12 in.
W't per doz.	6	8	10 lbs.
Per dozen	$3.50	3.95	4.40

No. 1034—Length	15	18 in.
W't per doz.	12	15 lbs.
Per dozen	$4.80	5.25

6 AND 9 IN., ONE DOZEN; BALANCE HALF DOZEN IN A BOX.

PLATED IRON.

Plain Bronze Plated Iron, 1 Inch Wide, Sunk Thumb Piece, with Strike.

Nos.	P109	P110	P111
Length	6	8	10 in.
W't per doz.	6	7	9 lbs.
Per dozen	$9.00	9.50	10.00

Polished Old Copper Finish Iron, 1 Inch Wide, Sunk Thumb Piece, with Strike.

Nos.	OC109	OC110	OC111
Length	6	8	10 in.
W't per doz.	5 3/4	7	8 1/2 lbs.
Per dozen	$9.50	10.00	11.00

Sand Blast Old Copper Finish Iron, 1 Inch Wide, Sunk Thumb Piece, with Strike.

Nos.	SC109	SC110	SC111
Length	6	8	10 in.
W't per doz.	6	7	9 lbs.
Per dozen	$9.50	10.00	11.00

Dull or Lemon Brass Finish Iron, 1 Inch Wide, Sunk Thumb Piece, with Strike.

Nos.	DB109	DB110
Length	6	8 in.
W't per doz.	6	7 lbs.
Per dozen	$9.50	10.00

ONE DOZEN IN A BOX, WITH SCREWS.

STEEL.

Polished Wrought Steel, 1 1/2 Inch Wide, Nickel Plated Knob and Plate, with Strike.

No. 1012—Length.	9	12	18	24 in.
W't per doz.	9 1/2	12	19	26 lbs.
Per dozen	$12.00	12.50	13.50	15.00

HALF DOZEN IN A BOX, WITH SCREWS.

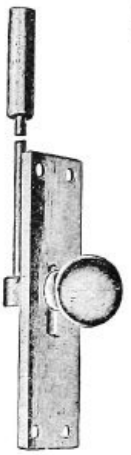
Polished Wrought Steel, 1 1/2 Inch Wide, No. 3 Finish Bronze Metal Knob and Plate, with Strike.

No. 1005—Length.	9	12	18	24 in.
W't per doz.	9 1/2	12	19	26 lbs.
Per dozen	$12.00	12.50	13.50	15.00

HALF DOZEN IN A BOX, WITH SCREWS.

FLUSH EXTENSION BOLTS.

No. B183.



Nos. OC183 to AB83.

No. **B183**—Wrought steel, bronzed plated, No. 3 finish, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes, per dozen $18.00

No. **OC183**—Old copper finish steel, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes.....per dozen 21.00

No. **SC183**—Sand blast old copper finish steel, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes...per dozen 21.00

No. **DB183**—Dull or lemon brass finish steel, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24, and 36 in., all sizes..per dozen 21.00

No. **AB183**—Shaded antique brass finish steel, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes...per dozen 22.80

No. **F183**—Bower-Barff wrought steel, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes.....per dozen 24.00

No. **P83**—Polished cast bronze metal, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes.....per dozen 24.00

No. **A83**—Polished cast brass, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes.....per dozen 24.00

No. **OC83**—Old copper finish bronze metal, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes...per dozen 28.80

No. **SC83**—Sand blast old copper finish cast bronze metal, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes, per dozen 28.80

No. **DB83**—Dull or lemon brass finish, metal, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes...per dozen 28.80

No. **AB83**—Shaded antique brass metal, 5 1/8×1 3/8 in. plate, sizes 8, 12, 18, 24 and 36 in., all sizes.....per dozen 30.00

ONE IN A BOX, WITH SCREWS. AVERAGE WEIGHT PER DOZEN, 9 LBS.

EXTRA RODS.

8 to 36 inches—All numbers...per dozen $3.60

DOOR BUTTONS, FLUSH RINGS, CHEST HANDLES, ETC.

DOOR BUTTONS

Japanned Iron, Raised.

No. 35—Length...	1½	1¾	2	2½ in.
W't per gro.....	3¼	3¾	4½	5½ lbs.
Per gross.....	$0.60	.70	.80	1.90

ONE GROSS IN A BOX.

Steel, Japanned.

No. 4—Length....	1½	1¾	2	2½ in.
W't per gro.....	3¼	3¾	4½	5½ lbs.
Per gross.....	$0.70	.80	.95	1.60

More smoothly finished than cast iron and more durable; cannot be broken when being put on.

2½ in., HALF GROSS; BALANCE, ONE GROSS IN A BOX.

Cast Brass, Lacquered.

No. 25—Length.....	1½	1¾ in.
W't per gro.....	2½	3½ lbs.
Per gross.....	$5.40	6.30

ONE GROSS IN A BOX.

Japanned Iron, Raised on Plate.

No. 15—Length.....	1½	1¾	2 in.
W't per gro.....	8½	10	13 lbs.
Per gross.....	$2.80	3.20	3.60

ONE GROSS IN A BOX.

ELBOW CATCHES.

No. 124—Japanned iron, w't per doz. ½ lb..... per dozen $0.50

No. 224—Cast brass, w't per doz. 1¼ lbs., per dozen..... 1.75

ONE-SIXTH GROSS IN A BOX.

LIFTING HANDLES.

Cast Brass, Polished.

No. 517½—3 in., w't per doz. pairs 2 lbs., per dozen pairs..... $3.60

No. 518½—3½ in., w't per doz. pairs 2½ lbs..... per dozen pairs 4.50

The length is measured from center of screw hole.

ONE DOZEN PAIRS IN A BOX.

No. 2—3¼ in., japanned iron, riveted, w't per doz. pairs 4½ lbs., per dozen pairs..... $1.25

The length is measured from center of screw hole.

ONE DOZEN PAIRS IN A BOX.

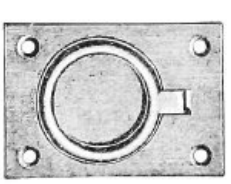
FLUSH RINGS.

Cast Brass, Polished and Lacquered.

No. 5—Width..	1⅛	1¼	1⅜	1½ in.
W't per doz...	½	⅝	¾	1 lb.
Per dozen.....	$1.50	1.75	1.90	2.10

TWO DOZEN IN A BOX.

TRAP DOOR RINGS.



Wrought Iron, Japanned, Flush.

No. 1—2½×3½ in., w't per doz. 5 lbs., per dozen..... $1.00

No. 2—3×4 in., w't per doz. 7½ lbs., per dozen..... 1.25

No. 3—3½×5 in., w't per doz. 12 lbs., per dozen..... 1.70

ONE DOZEN IN A BOX.

CHEST HANDLES.

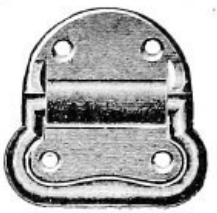
Wrought Iron, Japanned.

No. 42—4×1⅝ in., w't per doz. pairs 7 lbs..... per dozen pairs $1.75

No. 44—4½×1⅝ in., w't per doz. pairs 8 lbs..... per dozen pairs 2.25

ONE DOZEN PAIRS IN A BOX.

CHEST HANDLES.



Japanned Iron.

No. 20—3 in., w't per doz. pairs 8 lbs., per dozen pairs..... $1.10

No. 23—3½ in., w't per doz. pairs 10 lbs., per dozen pairs..... 1.50

No. 24—4 in., w't per doz. pairs 14 lbs., per dozen pairs..... 2.00

No. 25—5 in., w't per doz. pairs 24 lbs., per dozen pairs..... 2.50

Size given is the extreme width.

HALF DOZEN PAIRS IN A BOX.

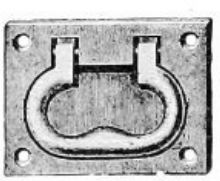
Walnut Bronzed Iron.

No. 1—3¾ in., w't per doz. pairs 12 lbs., per dozen pairs..... $3.00

No. 2—4½ in., w't per doz. pairs 16 lbs., per dozen pairs..... 4.00

Size given is the extreme width.

HALF DOZEN PAIRS IN A BOX.



Flush, Cast Iron, Heavy, Japanned.

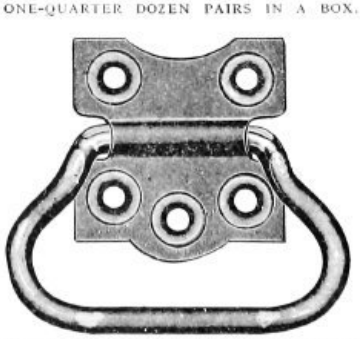
No. 18—3¼×2¼ in., w't per doz. pairs 8 lbs..... per dozen pairs $2.05

No. 19—3½×2¾ in., w't per doz. pairs 14 lbs..... per dozen pairs 2.55

No. 21—4½×3½ in., w't per doz. pairs 26 lbs..... per dozen pairs 4.70

No. 22—5×4½ in., w't per doz. pairs 36 lbs..... per dozen pairs 5.40

NOS. 18 AND 19, HALF DOZEN PAIRS; BALANCE ONE-QUARTER DOZEN PAIRS IN A BOX.



Sheet Steel Plate, Solid Handle, Japanned.

No. 32—3¾ in., w't per doz. pairs 4½ lbs..... per dozen pairs $1.50

No. 044—4 in., w't per doz. pairs 8 lbs., per dozen pairs..... 2.35

No. 54—4½ in., w't per doz. pairs 10 lbs., per dozen pairs..... 3.00

NO. 32 ONE DOZEN PAIRS; BALANCE HALF DOZEN PAIRS IN A BOX.

BOX TRIMMINGS.

HALF SIZE CUTS.

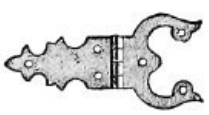
BOX HINGES.

No. 6—1⅝×1½ in., dipped brass, per doz. prs..... $0.25
THREE DOZEN PAIRS IN A BOX.

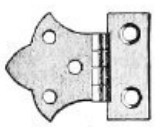
No. 7—2¾×¾ in., polished brass, per doz. prs..... $0.65
THREE DOZEN PAIRS IN A BOX.

No. 8—3×1 in., polished brass, per doz. prs..... $1.00
THREE DOZEN PAIRS IN A BOX.

No. 22—⅝×1⅞ in., polished brass, per doz. prs..... $0.60
THREE DOZEN PAIRS IN A BOX.



No. 32—2¼×1⅛ in., polished brass, per doz. prs..... $1.10
THREE DOZEN PAIRS IN A BOX.

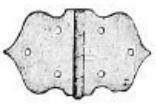


No. 74—1¼×1¾ in., polished brass, per doz. prs..... $1.10
THREE DOZEN PAIRS IN A BOX.

No. 19—⅝×1⅛ in., polished brass, per doz. prs..... $0.60
THREE DOZEN PAIRS IN A BOX.

BOX HINGES.

No. 1—1¼×1⅛ in., polished brass, per doz. prs..... $0.60
THREE DOZEN PAIRS IN A BOX.



No. 2—1×1¾ in., polished brass, per doz. prs..... $0.80
THREE DOZEN PAIRS IN A BOX.

No. 11—$\frac{5}{16}$×1½ in., dipped brass, per doz. prs..... $0.50
THREE DOZEN PAIRS IN A BOX.

No. 13—$\frac{5}{16}$×2¾ in., dipped brass, per doz. prs..... $1.00
THREE DOZEN PAIRS IN A BOX.

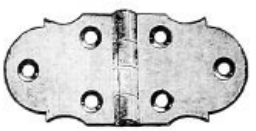
No. 93—¾×1⅞ in., polished brass, per doz. prs..... $1.00
THREE DOZEN PAIRS IN A BOX.

No. 23—¾×2½ in., polished brass, per doz. prs..... $1.35
THREE DOZEN PAIRS IN A BOX.

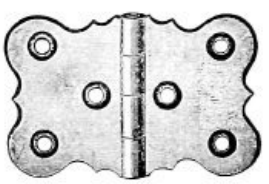
No. 99—¾×3½ in., polished brass, per doz. prs..... $2.00
ONE DOZEN PAIRS IN A BOX.

BOX HINGES.

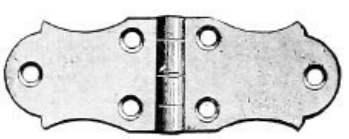
No. 102—3×1½in., polished brass, per doz. prs..... $1.60
THREE DOZEN PAIRS IN A BOX.



No. 77—1¼×2⅛ in., polished brass, per doz. prs..... $2.50
ONE DOZEN PAIRS IN A BOX.

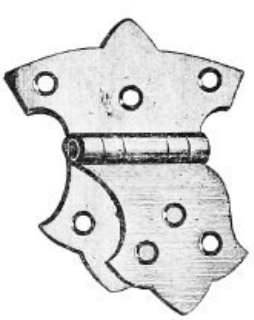


No. 155—1⅞×3 in., polished brass, per doz. prs..... $3.10
ONE DOZEN PAIRS IN A BOX.



No. 78—1⅜×4 in., polished brass, per doz. prs..... $3.45
ONE DOZEN PAIRS IN A BOX.

WATER CLOSET SEAT HINGES.



Double.

No. 133—1½×3 in., polished brass, per doz. prs..... $5.00
ONE DOZEN PAIRS IN A BOX.

BOX TRIMMINGS.

HALF SIZE CUTS.

CORNERS.

No. 479—Distance from corner, 1×1×⅝ in., polished brass.....per dozen $0.40
THREE DOZEN IN A BOX.

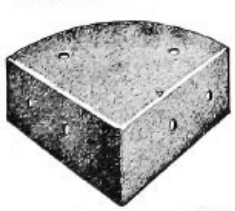
No. 480—Distance from corner, 1⅛×1⅛ ×½ in., polished brass.....per dozen $0.40
SIX DOZEN IN A BOX.

No. 483—Distance from corner, 1½×1½ ×¾ in., polished brass.....per dozen $0.60
ONE DOZEN IN A BOX.

No. 481—Distance from corner, 2¼×2¼ ×½ in.....per dozen $0.60
ONE DOZEN IN A BOX.

No. 496—Distance from corner, ¾ in., polished brass.....per dozen $0.80
THREE DOZEN IN A BOX

No. 482—Distance from corner, 1⅞×1⅞ ×1¼ in., polished brass....per dozen $1.00
ONE DOZEN IN A BOX.



No. 486—Distance from corner, 1½×1½ ×1 in., polished brass.....per dozen $3.00
ONE DOZEN IN A BOX.

CORNER STRAPS.

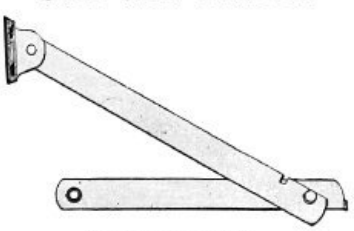
No. 475—1⅜×1⅜×⅞ in., polished brass.....per dozen $1.00
THREE DOZEN IN A BOX.

BOX CATCHES.

No. 865—1⅜×¾ in., dipped brass, per dozen..... $0.42

No. 866—1¾×¾ in., dipped brass, per dozen..... $0.50
THREE DOZEN IN A BOX.

SIDE STOP HINGES.

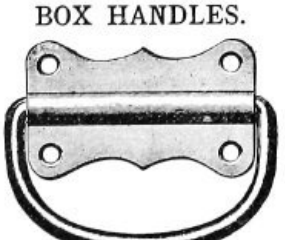


Steel, Brass Plated.
No. 1037—Length opened, 7/16×6 in., per doz. prs..... $1.00
No. 1038—Length opened, 7/16×8 in., per doz. prs..... 1.25
No. 1039—Length opened, 7/16×10 in., per doz. prs..... 1.50
THREE DOZEN PAIRS IN A BOX.

SIDE STRAPS.

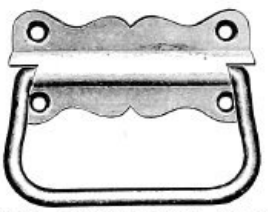
Dipped Brass.
No. 80—Length opened 4 in., closed 2¼ in.....per doz. prs $1.85
No. 81—Length opened 6 in., closed 3¼ in.....per doz. prs 2.10
No. 82—Length opened 8 in., closed 4 in., per doz. prs..... 2.15
THREE DOZEN PAIRS IN A BOX.

BOX HANDLES.

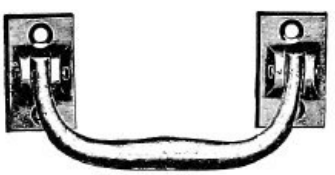


No. 235—3 in., polished brass, w't per doz. prs. 4 lbs.....per doz. prs $4.90
ONE DOZEN PAIRS IN A BOX.

BOX HANDLES.



No. 234—3 in., polished brass, w't per doz. prs. 4 lbs.....per doz. prs $5.00
ONE DOZEN PAIRS IN A BOX.



Polished Brass.
No. 236—3 in., w't per doz. prs. 5 lbs., per doz. prs..... $8.00
No. 237—3½ in., w't per doz. prs. 5½ lbs., per doz. prs..... 9.50
No. 238—4¼ in., w't per doz. prs. 6 lbs., per doz. prs..... 10.50
ONE DOZEN PAIRS IN A BOX.

Polished Brass.
No. 240—2½×2½ in., w't per doz. prs. 6 lbs.....per doz. prs $12.50
No. 241—3 ×3 in., w't per doz. prs. 10 lbs.....per doz. prs 15.00
No. 242—4 ×4 in., w't per doz. prs. 14 lbs.....per doz. prs 20.00
HALF DOZEN PAIRS IN A BOX.

HINGE HASPS.

No. 801—⅝×1½ in., polished brass, hasp and staple on plate....per dozen $0.55
THREE DOZEN IN A BOX.

No. 802—⅝×1¾ in., polished brass, hasp and staple on plate.....per dozen $0.60
THREE DOZEN IN A BOX.

No. 850—⅝×1½ in., polished brass, with thumb knob fastening.....per dozen $0.75
THREE DOZEN IN A BOX.

No. 803—½×3 in., polished brass, hasp and staple on plate.....per dozen $0.75
THREE DOZEN IN A BOX.

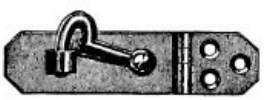
BOX TRIMMINGS.

HALF SIZE CUTS.

HINGE HASPS.

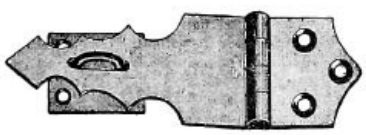
No. 804—¾×2¾ in., polished brass, hasp and staple on plate, w't per doz. ¾ lb.....per dozen $0.85

ONE DOZEN IN A BOX.



No. 840—¾×3 in., polished brass, hook, hasp and staple on plate, w't per doz. ½ lb.....per dozen $1.25

ONE DOZEN IN A BOX.

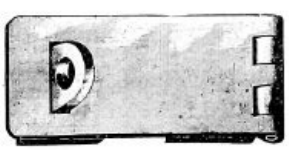


No. 808—1¼×4 in., polished brass, hasp and staple on plate, w't per doz. 1¼ lbs.....per dozen $3.00

ONE DOZEN IN A BOX.

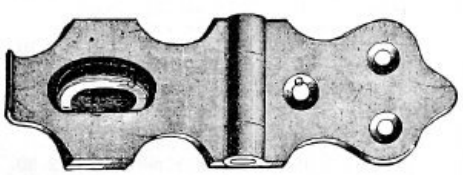
No. 875—1⅛×3½ in., polished brass, with heavy staple on plate, w't per doz. 2 lbs.....per dozen $4.35

ONE DOZEN IN A BOX.



No. 874—1⅜×4¾ in., polished brass, with heavy staple on plate, w't per doz. 3½ lbs.....per dozen $5.40

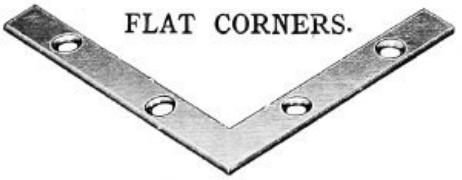
ONE DOZEN IN A BOX.



No. 876—1⅜×5¼ in., polished brass, with heavy staple on plate, w't per doz. 4 lbs.....per dozen $6.50

ONE DOZEN IN A BOX.

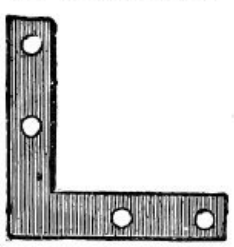
FLAT CORNERS.



Wrought Steel.

No. 999—Sizes.	**2×⅜**	**2½×⅜**	**3×⅜ in.**
W't per doz.	¾	1	1¼ lbs.
Per dozen	$0.24	.26	.28
No. 999—Sizes		**2½×½**	**3×¼ in.**
W't per doz.		1¼	1½ lbs.
Per dozen		$0.30	.32
No. 999—Sizes	**3×⅝**	**3½×⅝**	**4×⅝ in.**
W't per doz.	2	2¼	2½ lbs.
Per dozen	$0.36	.40	.42
No. 999—Sizes		**3½×¾**	**4×¾ in**
W't per doz.		2¼	3 lbs.
Per dozen		$0.44	.48
No. 999—Sizes	**4×⅞**	**5×⅞**	**5×1 in.**
W't per doz.	3	4	5 lbs.
Per dozen	$0.56	.64	.64

ONE DOZEN IN A BOX.

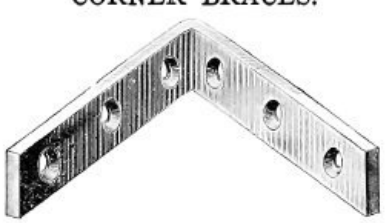


Dipped Brass.

Nos.	**421**	**422**	**423**
Sizes	1¼×¼	2×⅜	2½×⅝ in.
Per dozen	$0.38	.54	.67

THREE DOZEN IN A BOX.

CORNER BRACES.



Wrought Steel.

No. 997—Sizes	**1×½**	**1½×½ in.**
W't per doz.	¾	1¼
Per dozen	$0.20	.30
No. 997—Sizes	**2×⅝**	**2½×⅝ in.**
W't per doz.	2	3 lbs.
Per dozen	$0.40	.50
No. 997—Sizes	**3×¾**	**4× ⅞ in.**
W't per doz.	4	5lbs.
Per dozen	$0.60	1.00
No. 997—Sizes	**5×1**	**6×1⅛ in.**
W't per doz.	6	8 lbs.
Per dozen	$1.55	1.80

ONE DOZEN IN A BOX.

Dipped Brass.

Nos.	**400**	**401**	**402**
Sizes	¾×½	1×½	2×½ in.
Per dozen	$0.31	.36	.46

THREE DOZEN IN A BOX.

ESCUTCHEONS.

No. 552. No. 557.

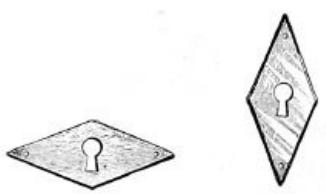
No. 552—¾ in., polished brass, per dozen $0.20
No. 557—1⅛ in., polished brass, per dozen .25

THREE DOZEN IN A BOX.

No. 551. No. 545.

No. 551—1⅛ in., polished brass, per dozen $0.30
No. 545—¾×1⅛ in., polished brass, per dozen..... .33

THREE DOZEN IN A BOX.



No. 572. No. 573.

No. 572—¾×2 in., polished brass, per dozen..... $0.33
No. 573—2×¾ in., polished brass, per dozen..... .33

THREE DOZEN IN A BOX.

SHUTTER KNOBS AND CABINET DRAWER PULLS.

SHUTTER KNOBS.

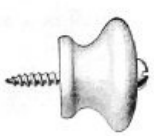
No. B71—1⅛ in., bronze plated iron, per dozen..... $0.80

TWO DOZEN IN A BOX. WEIGHT ¾ LB. PER DOZEN.

No. P70—⅞ in., polished cast bronze metal.....per dozen $1.50
No. OC70—⅞ in., polished old copper finish cast bronze metal.....per dozen 1.70
No. SC70—⅞ in., sand blast old copper finish cast bronze metal.....per dozen 1.85
No. DB70—⅞ in., dull brass metal, per dozen..... 1.80
No. AB70—⅞ in., shaded antique brass, per dozen..... 1.90

No. P71—1⅛ in., polished cast bronze metal.....per dozen 3.00
No. OC71—1⅛ in., polished old copper finish cast bronze metal.....per dozen 3.35
No. SC71—1⅛ in., sand blast old copper finish cast bronze metal.....per dozen 3.50

TWO DOZEN IN A BOX. WEIGHT ¾ LB. PER DOZEN.

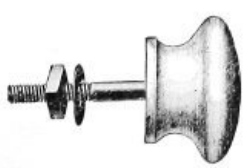


Porcelain, with Loose Plated Screw.

No. 70—Sizes	⅝	¾	1 in.
W't per gro.	2	3	4½ lbs.
Per gross	$3.35	3.50	3.75
No. 70—Sizes	**1¼**		**1½ in.**
W't per gro.	8		14 lbs.
Per gross	$5.50		6.75

ONE-QUARTER GROSS IN A BOX.

DRAWER KNOBS.



Porcelain, with Nut and Washer.

No. 95—Sizes	1	1¼	1½ in.
W't per gro.	7	10½	18 lbs.
Per gross	$6.50	8.25	9.50
No. 95—Sizes	**1¾**		**2 in.**
W't per gro.	27		35 lbs.
Per gross	$11.75		13.50

ONE-QUARTER GROSS IN A BOX.

DRAWER KNOBS.

Wrought Brass, with Nut and Washer.

No. 1387—Sizes	1	1¼ in.
W't per doz.	⅝	¾ lb.
Per dozen	$0.75	.85

THREE DOZEN IN A BOX.

With Nut and Washer.

No. 5252—1¼ in., cast brass knob, wrought brass base.....per dozen $1.25
No. 6252—1¼ in., polished old copper finish.....per dozen 1.40
No. 7252—1¼ in., sand blast old copper finish,.....per dozen 1.40

THREE DOZEN IN A BOX. WEIGHT 1⅛ LBS. PER DOZEN.

With Nut and Washer.

No. 5454—1¼ in., cast brass knob, wrought brass base.....per dozen $1.50
No. 6454—1¼ in., polished old copper finish.....per dozen 1.65
No. 7454—1¼ in., sand blast old copper finish.....per dozen 1.65

THREE DOZEN IN A BOX. WEIGHT ¾ LB. PER DOZEN.

Glass Knob, Brass Ferrule, with Nut and Washer.

No. 5708—Sizes	¾	1⅜	1¾ in.
W't per doz.	½	1⅛	2½ lbs.
Per dozen	$3.00	3.75	4.50

¾ IN., THREE DOZEN; BALANCE ONE DOZEN IN A BOX.

COMMODE BUTTONS.

Ebonized Knob, Brass Capped.

Nos.	321	322	323
Knob	1	1¼	1½ in.
Per dozen	$0.75	.80	.85

ONE DOZEN IN A BOX.

Cast Brass.

No. 1385—Sizes	1	1¼	1½ in.
Per dozen	$1.00	1.15	1.35

ONE DOZEN IN A BOX

DESK KNOBS.

Ebony Knob, Brass Capped, with Nut and Washer.

Nos.	1	2	3
Inches	¾	1	1¼
W't per doz.	¼	⅝	⅞ lb.
Per dozen	$0.50	.55	.60

THREE DOZEN IN A BOX.

DRAWER PULLS.

No. 2596. Nos. 069, to 070.

No. 2596—1⅝ in., brass back plate, 1½ in. brass plated ring, w't per doz. ⅝ lb., per dozen..... $0.50
No. 069—1½ in., brass, 1¼ in. enameled wood knob, w't per doz. 1 lb..per dozen .65
No. N069—1½ in., nickel plated, enameled wood knob, w't per doz. 1 lb..per dozen .70
No. 070—1½ in., brass, 1½ in. enameled wood knob, w't per doz. 1¼ lbs., per dozen..... .70

THREE DOZEN IN A BOX.

No. 1441 Nos. 884 and N884.

No. 1441—1¾ in., brass back plate, 1⅜ in. brass plated ring, w't per doz. ¾ lb..... per dozen $0.60
No. 884—1½ in., brass back plate, 1¼ in. brass ring, wt' per doz. ¾ lb.....per dozen .90
No. N884—1½ in., nickel plated back plate, 1¼ in. nickel plated ring, w't per doz. ¾ lb.....per dozen 1.00

TWO DOZEN IN A BOX.

Nos. 10039 to 30039 Nos. 10011 to 30011

No. 10039—2¼ in., cast brass back plate, 1¾ in. cast brass ring, w't per doz. 1⅛ lbs.....per dozen $1.90
No. 20039—2¼ in., polished old copper finish, cast brass back plate and 1¾ in. ring, w't per doz. 1⅛ lbs.....per dozen 2.10
No. 30039—2¼ in., sand blast old copper finish ,cast brass back plate and 1¾ in. ring, w't per doz. 1⅛ lbs.....per dozen 2.10
No. 10011—2 in., cast brass back plate, 1¾ in. cast brass ring, w't per doz. 1⅛ lbs.....per dozen 2.10
No. 20011—2 in., polished old copper finish, cast brass back plate and 1¾ in. ring, w't per doz. 1⅛ lbs.....per dozen 2.30
No. 30011—2 in., sand blast old copper finish, cast brass back plate and 1¾ in. ring, w't per doz. 1⅛ lbs.....per dozen 2.30

ONE DOZEN IN A BOX.

CABINET DRAWER PULLS.

Cuts One-third Size.

With Screw Studs and Nuts.

No. 1471—4 in., brass back plate, brass plated handle, w't per doz. 1 lb., per dozen $0.60

SIX DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1597—4 in., brass back plate, brass plated handle, w't per doz. ⅞ lb., per dozen $0.60

No. 2597—4 in., polished old copper finish brass back plate and handle, w't per doz. ⅞ lb. ..... per dozen .65

SIX DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1565—4 in., brass plated steel plates and handle, w't per doz. 1 lb., per dozen $0.65

No. 2565—4 in., polished old copper plates and handle, w't per doz. 1 lb., per dozen .70

THREE DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1472—4 in., brass back plate, brass plated handle, w't per doz. 1⅛ lbs., per dozen $0.70

SIX DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1457—4¾ in., brass back plate, brass plated handle, w't per doz. 1⅛ lb., per dozen $0.75

SIX DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1568—5 in., brass back plate, and brass plated handle, w't per doz. 1 lb., per dozen $0.75

SIX DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1453—5 in., brass back plate, brass plated handle, w't per doz. 1½ lbs., per dozen $0.75

SIX DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1476—5 in., brass back plate, brass plated handle, w't per doz. 1½ lbs., per dozen $0.80

SIX DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1506—4 in., brass back plate, brass plated handle, w't per doz. 1⅛ lbs., per dozen $0.80

SIX DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1188—4¼ in., brass back plate, brass plated handle, w't per doz. 1¼ lbs., per dozen $0.80

TWO DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1129—4 in., brass back plate, brass plated handle, w't per doz. 1¼ lbs., per dozen $1.00

No. N1129—4 in., nickel plated back plate and handle, w't per doz. 1¼ lbs., per dozen 1.10

No. 2129—4 in., polished old copper finish brass back plate and handle, w't per doz. 1¼ lbs. ..... per dozen 1.10

TWO DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 5665—4¼ in., cast brass plate, brass plated handle, w't per doz. 1½ lbs., per dozen $1.50

SIX DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1372—4¼ in., brass back plate, brass plated handle, w't per doz. 2¼ lbs., per dozen $1.50

TWO DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 10074—3½ in., cast brass back plate, brass plated handle, w't per doz. 1⅞ lbs. ..... per dozen $1.80

FOUR DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 1091—4½ in., brass back plate, brass plated handle, w't per doz. 1¼ lbs., per dozen $1.60

No. 2091—4½ in., polished old copper back plate and handle, w't per doz. 1¼ lbs. ..... per dozen 1.75

TWO DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 5131—3½ in., cast brass back plates and handle, w't per doz. 1½ lbs., per dozen $2.50

No. 6131—3½ in., polished old copper back plates and handle, w't per doz. 1½ lbs. ..... per dozen 2.75

No. 7131—3½ in., sand blast old copper back plates and handle, w't per doz. 1½ lbs. ..... per dozen 2.75

TWO DOZEN IN A BOX.

The sizes given on drawer pulls are the full length of back plates.

CABINET DRAWER PULLS AND ESCUTCHEONS.

DRAWER PULLS.

With Screw Studs and Nuts.

No. 10029—4 in., cast brass back plate and handle, w't per doz. 2¼ lbs., per dozen $3.00

No. 20029—4 in., polished old copper back plate and handle, w't per doz. 2¼ lbs. ..... per dozen 3.25

No. 30029—4 in., sand blast old copper back plate and handle, w't per doz. 2¼ lbs. ..... per dozen 3.25

TWO DOZEN IN A BOX.

With Screw Studs and Nuts.

No. 5633—4¾ in., cast brass back plate, and handle, w't per doz. 2¾ lbs., per dozen $3.00

No. 6633—4¾ in., polished old copper back plate and handle, w't per doz. 2¾ lbs. ..... per dozen 3.25

ONE DOZEN IN A BOX.

DRAWER PULLS.

With Screw Studs and Nuts.

No. 5489—4½ in., cast brass back plate and handle, w't per doz. 2¼ lbs., per dozen $3.00

No. 6489—4½ in., polished old copper back plate and handle, w't 2¼ lbs., per dozen 3.25

ONE DOZEN IN A BOX.

DRAWER ESCUTCHEONS.

No. 20.

No. 1509.

No. 20—⅞ in., wrought brass, per dozen $0.15

No. 1509—2⅜ in., wrought brass, per dozen ..... .25

TWO DOZEN IN A BOX.

No. 1474.

No. 983.

No. 1474—2⅜ in., wrought brass, per dozen $0.25

No. 983—1 in., polished brass, per dozen .30

TWO DOZEN IN A BOX.

DRAWER ESCUTCHEONS.

No. 1134.

No. 607.

No. 1134—1¼ in., polished brass, per dozen $0.30

No. 2134—1¼ in., polished old copper finish ..... per dozen .35

No. 607—1¼ in., polished brass, per dozen ..... .30

TWO DOZEN IN A BOX.

No. 1093

No. 1174.

No. 1093—1¾ in., polished brass, per dozen $0.30

No. 2093—1¾ in., polished old copper finish ..... per dozen. .35

No. 1174—2 in., polished brass, per dozen ..... .35

No. N1174—2 in., nickel plated, per dozen ..... .40

TWO DOZEN IN A BOX.

No. 10024.

No. 10024—1½ in., polished cast brass, per dozen $0.80

No. 20024—1½ in., polished old copper finish ..... per dozen .90

No. 30024—1½ in., sand blast old copper finish ..... per dozen .90

TWO DOZEN IN A BOX.

Escutcheons are all priced per single dozen, not being sold in pairs. The size given is the extreme length of plate.

DRAWER PULLS AND CARD HOLDERS.

DRAWER PULLS.

No. 11—3 in., japanned iron, w't per doz. 1⅜ lbs.....per dozen $0.20

SIX DOZEN IN A BOX, WITHOUT SCREWS.

Walnut Bronzed Iron.

Nos.	3715	3815	3825	3835
Size	3	3½	4	4½ in.
W't per doz.	1⅛	1½	1¾	2 lbs.
Per dozen	$0.42	.46	.50	.56

AVERAGE WEIGHT 2 LBS. PER DOZEN. THREE DOZEN IN A BOX, WITH SCREWS.

No. B182—3¾ in., No. 3 Finish, bronze plated iron, w't per doz. 1¾ lbs., per dozen..... $1.00

ONE DOZEN IN A BOX, WITH SCREWS.

No. 3 Finish, Bronze Plated Iron.

Nos.	B179	B180	B181
Size	3¼	3¾	4½ in.
W't per doz.	2	2¼	2⅜ lbs.
Per dozen	$1.00	1.10	1.20

AVERAGE WEIGHT 2 LBS. PER DOZEN. ONE DOZEN IN A BOX, WITH SCREWS.

No. 3340—4¾ in., druggists', walnut bronzed iron, for card 2⅞×1 in., w't per doz. 1⅜ lbs.....per dozen $0.60

ONE DOZEN IN A BOX, WITH SCREWS.

No. P179—3 in., plain bronze plated steel.....per dozen $1.00
No. P181—3½ in., plain bronze plated steel.....per dozen 1.20
No. OC179—3 in., plain old copper finish steel.....per dozen 1.40
No. OC181—3½ in., plain old copper finish steel.....per dozen 1.60
No. SC179—3 in., sand blast old copper finish steel.....per dozen 1.60
No. SC181—3½ in., sand blast old copper finish steel.....per dozen 1.80

AVERAGE WEIGHT 2 LBS. PER DOZEN. ONE DOZEN IN A BOX, WITH SCREWS.

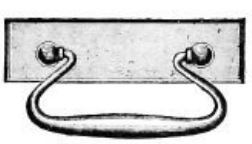
DRAWER PULLS.

No. P182—3¾ in., plain bronze plated iron.....per dozen $1.65
No. OC182—3¾ in., old copper finish bronze plated iron.....per dozen 1.80
No. SC182—3¾ in., sand blast old copper finish iron.....per dozen 2.00
No. DB182—3¾ in., dull or lemon brass finish iron.....per dozen 1.80
No. AB182—3¾ in., shaded antique brass finish iron.....per dozen 1.90
No. F182—3¾ in., Bower-Barff iron, per dozen..... 3.60
No. P82—3¾ in., polished cast bronze metal.....per dozen 3.00
No. OC82—3¾ in., polished old copper finish cast bronze metal.....per dozen 3.60
No. SC82—3¾ in., sand blast old copper finish cast bronze metal.....per dozen 4.00
No. A82—3¾ in., polished cast brass, per dozen..... 3.60
No. DB82—3¾ in., dull brass metal, per dozen..... 3.30
No. AB82—3¾ in., shaded antique brass metal.....per dozen 4.00

AVERAGE WEIGHT 3 LBS. PER DOZEN. ONE DOZEN IN A BOX, WITH SCREWS.

No. P79—2⅞ in., polished cast bronze metal.....per dozen $3.00
No. P80—3 in., polished cast bronze metal.....per dozen 3.25
No. P81—3¾ in., polished cast bronze metal.....per dozen 3.75

AVERAGE WEIGHT 2¾ LBS. PER DOZEN. ONE DOZEN IN A BOX, WITH SCREWS.



Plain Pattern.

No. P240—4¼ in., polished cast bronze metal.....per dozen $7.00
No. OC240—4¼ in., polished old copper finish cast bronze metal.....per dozen 8.00
No. SC240—4¼ in., sand blast old copper finish cast bronze metal.....per dozen 8.50
No. DB240—4¼ in., dull or lemon brass metal.....per dozen 8.00
No. AB240—4¼ in., shaded antique brass metal.....per dozen 8.50

AVERAGE WEIGHT 4 LBS. PER DOZEN. ONE DOZEN IN A BOX.

No. P77—3 in., polished wrought bronze, w't per doz. 1½ lbs.....per dozen $1.00
No. P78—4 in., polished wrought bronze, w't per doz. 3 lbs.....per dozen 1.20

THREE DOZEN IN A BOX, WITH SCREWS.

DRAWER PULLS.

No. 5522½—1⅞×$\frac{13}{16}$ in., wrought brass, buffed and lacquered, for card 1$\frac{13}{16}$×$\frac{13}{16}$ in.....per dozen $0.60

THREE DOZEN IN A BOX, WITHOUT SCREWS.

No. 5507½—2½×1¼ in., wrought brass, buffed and lacquered for card 2×1 in., per dozen..... $0.55

THREE DOZEN IN A BOX, WITHOUT SCREWS.

No. 1790½—3½×1½ in., wrought brass, buffed and lacquered, for card 2⅞×1¼ in.....per dozen $0.70

THREE DOZEN IN A BOX, WITHOUT SCREWS.

No. 1774—3½×1¼ in., wrought brass, buffed and lacquered, for card 2$\frac{13}{16}$×1 in., *without screws*....per dozen $0.90
No. OC1774—Old copper finish, otherwise same as No. 1774, *with screws*..per dozen 1.20

THREE DOZEN IN A BOX.

CARD HOLDERS.

No. 1772½—1⅞×$\frac{13}{16}$ in., wrought brass, buffed and lacquered, for card 1$\frac{13}{16}$×$\frac{13}{16}$ in.....per dozen $0.35

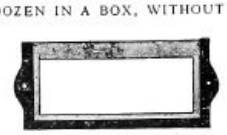
THREE DOZEN IN A BOX, WITHOUT SCREWS.

No. 5508½—2½×1¼ in., wrought brass, buffed and lacquered, for card 2×1 in., per dozen..... $0.45

THREE DOZEN IN A BOX, WITHOUT SCREWS.

No. 1788½—3½×1½ in., wrought brass, buffed and lacquered, for card 2⅞×1¼ in.....per dozen $0.85

THREE DOZEN IN A BOX, WITHOUT SCREWS.

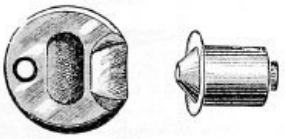


No. 5606½—3×1 in., wrought brass, buffed and lacquered, for card 2$\frac{5}{16}$×¾ in., *without screws*...per dozen $0.65
No. OC5606½—Old copper, otherwise same as No. 5606½, *with screws* per dozen..... .85

THREE DOZEN IN A BOX.

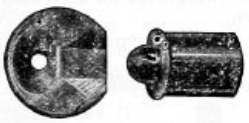
CABINET HARDWARE.

CABINET DOOR CATCHES.



No. 2½—Shell $\frac{3}{8}\times\frac{7}{16}$ in., strike plate ¾ in. diameter, polished brass, coil spring bolt, w't per gro. 3 lbs., per gross $3.20

ONE GROSS IN A BOX.



No. 10½—Shell $\frac{3}{8}\times\frac{7}{16}$ in., strike plate ⅝ in. diameter, polished brass, coil spring bolt, w't per gro. 1¾ lbs., per gross $3.05

ONE GROSS IN A BOX.

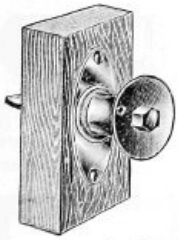
No 11½—Shell $\frac{5}{16}\times\frac{3}{8}$ in., strike plate ⅝ in. diameter, polished brass, coil spring bolt, w't per gro. 1½ lbs., per gross $2.90

ONE GROSS IN A BOX.

No. 595—$\frac{7}{8}\times1\frac{1}{8}$ in., oak finish knob, push button, coil spring catch, w't per doz. ⅞ lbs. ..... per dozen $1.18

The oak knob being mortised to shoulder into a ⅝ in. auger hole makes a neat and strong door knob. By pushing button releases catch.

ONE DOZEN IN A BOX.



No. 395—$1\times1\frac{1}{16}$ in. knob, ¾×1½ in. escutcheon, oxidized copper finish, coil spring catch, w't per doz. 1 lb., per dozen $1.70

No. 295—Polished brass, otherwise same as No. 395 ..... per dozen 1.50

No. 495—Lemon brass finish, otherwise same as No. 395 ..... per dozen 1.50

For wall cases in drug stores, jewelery stores, etc. Push the button and the door opens.

ONE DOZEN IN A BOX.

CABINET DOOR CATCHES.

No. 390—3 in. pull, oxidized copper, coil spring catch, w't per doz. 1 lb., per dozen. $2.00

No. 290—3 in. pull, polished brass, coil spring catch, w't per doz. 1 lb., per dozen. 1.80

No. 490—3 in. pull, lemon brass, coil spring catch, w't per doz. 1 lb., per dozen. 1.80

ONE DOZEN IN A BOX.

CABINET DOOR KNOBS.

No. 31—$1\frac{1}{16}\times1$ in., oxidized copper finish, w't per gro. 5 lbs. ..... per gross $4.40

No. 21—$1\frac{1}{16}\times1$ in., polished brass finish, w't per gro. 5 lbs. ..... per gross 3.90

No. 41—$1\frac{1}{16}\times1$ in., lemon brass finish, w't per gro. 5 lbs. ..... per gross 3.90

Base is riveted fast to knob, the two small wings on bolt under base plate when drawn into the wood prevents knobs working loose.

ONE-THIRD GROSS IN A BOX.

No. 25—$\frac{15}{16}$ in., black enameled wood knobs, brass rose and base, with flat head screw, w't per gro. 2¼ lbs. .... per gross $1.80

No. 26—$\frac{13}{16}$ in., black enameled wood knobs, brass rose and base, with flat head screw, w't per gro. 2 lbs., per gross 1.75

No. 27—⅝ in., black enameled wood knobs, brass rose and base, with flat head screw, w't per gro. 1½ lbs., per gross 1.70

ONE GROSS IN A BOX.

DRAWER PULLS.

No. 30—3 in., oxidized copper finish, w't per gro. 6 lbs. ..... per gross $4.40

No. 32—2 in., oxidized copper finish. w't per gro. 4¾ lbs. ..... per gross 4.20

No. 20—3 in., polished brass finish, w't per gro. 6 lbs. ..... per gross 4.06

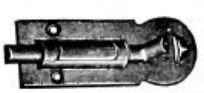
No. 22—2 in., polished brass finish, w't per gro. 4¾ lbs. ..... per gross 3.80

No. 40—3 in., lemon brass finish, w't per gro. 6 lbs. ..... per gross 4.00

No. 42—2 in., lemon brass finish. w't per gro. 4¾ lbs. ..... per gross 3.80

ONE-THIRD GROSS IN A BOX.

CABINET DOOR BOLTS.

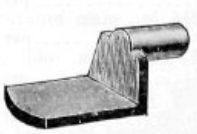


No. 045—2 in., brass spring bolts, w't per doz. ½ lb. ..... per dozen $0.90

No. 035—2 in., steel spring bolts, w't per doz. ½ lb. ..... per dozen .50

SIX DOZEN IN A BOX.

SHELF SUPPORTS.



No. 108—Coppered cast iron, w't per gro. 2 lbs. ..... per gross $0.40

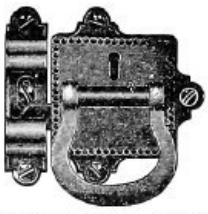
THREE GROSS IN A BOX.

REFRIGERATOR TRIMMINGS.

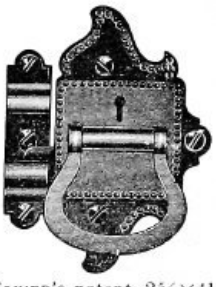
REFRIGERATOR LOCKS.

No. 1560—2¼×3 in., ornamental cast brass, matt finish, 7/16 in. offset, drop handle, right or left hand, *not reversible*, w't per doz. 8 lbs.....per dozen $4.50
ONE DOZEN IN A BOX, WITH SCREWS.

No. 1339—2¾×4 in., ornamental cast brass, matt finish, 7/16 in. offset, drop handle, right or left hand, *not reversible*, w't per doz. 8 lbs.....per dozen $5.75
ONE DOZEN IN A BOX, WITH SCREWS.



No. 1670—TOWER'S patent, 2⅝×3 in., polished brass, beaded, 7/16 in. offset, drop handle, right or left hand, *not reversible*, w't per doz. 6 lbs., per dozen $7.25
ONE DOZEN IN A BOX, WITH SCREWS.



No. 1669—TOWER'S patent, 2⅝×4½ in., polished brass, beaded, 7/16 in. offset, drop handle, right or left hand, *not reversible*, w't per doz. 9 lbs., per dozen $8.50
ONE DOZEN IN A BOX, WITH SCREWS.

Always specify right or left hand, when ordering refrigerator locks.

REFRIGERATOR HINGES.

No. 1320—2×2¼ in., ornamental cast brass, matt finish, flush, w't per doz. prs. 5 lbs.....per dozen pairs $2.60
The term flush, signifies that the hinge is intended for a flat surface.
ONE DOZEN PAIRS IN A BOX, WITH SCREWS.

No. 1547—2×3¼ in., ornamental cast brass, matt finish, 7/16 in. offset, w't per doz. prs. 7½ lbs.....per dozen pairs $3.90
ONE DOZEN PAIRS IN A BOX, WITH SCREWS

No. 1398—2¼×4¼ in., ornamental cast brass, matt finish, 7/16 in. offset, w't per doz. prs. 6 lbs.....per dozen pairs $4.60
ONE DOZEN PAIRS IN A BOX, WITH SCREWS.

No. 1672—TOWER'S patent, 2¼×4 in., polished brass, beaded edge, 7/16 in. offset, w't per doz. prs. 7 lbs..per dozen pairs $6.50
ONE DOZEN PAIRS IN A BOX, WITH SCREWS.

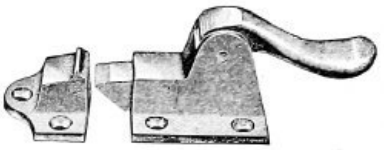
No. 1671—TOWER'S patent, 2¾×5 in., polished brass, beaded edge, 7/16 in. offset, w't per doz. prs. 9 lbs..per dozen pairs $8.50
ONE DOZEN PAIRS IN A BOX, WITH SCREWS.

The measurements given on the above hinges are the extreme height and width.

REFRIGERATOR LATCHES.

No. 90—1¾ in., enameled iron, w't per doz. 5½ lbs.....per dozen $4.80

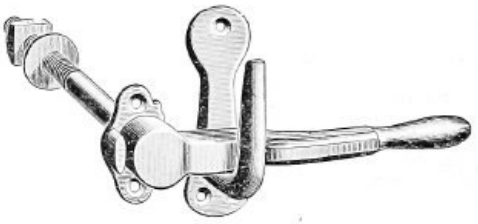
No. 95—2½ in., enameled iron, w't per doz. 11 lbs.....per dozen 6.50
HALF DOZEN IN A BOX, WITH SCREWS.



No. 92—1¾ in., polished cast brass, w't per doz. 4½ lbs.....per dozen $7.00

No. 98—2¼ in., polished cast brass, w't per doz. 8½ lbs.....per dozen 9.00
HALF DOZEN IN A BOX, WITH SCREWS.

ICE BOX FASTENERS.



Japanned Iron.

No. 91—Length of lever.....	6	9	12 in.
Size of bolt.....	½×6½	⅝×7½	¾×8½ in.
W't per doz.....	20	41	66¾ lbs.
Per dozen.....	$6.50	10.70	15.00

Galvanized Iron.

No. 101—Length of lever.....	6	9	12 in.
Size of bolt.....	½×6½	⅝×7½	¾×8½ in.
W't per doz.....	20	41½	67½ lbs.
Per dozen.....	$9.20	14.20	18.70

Polished Brass.

No. 801—Length of lever.....	6	9	12 in.
Size of bolt.....	½×6½	⅝×7½	¾×8½ in.
W't per doz.....	20	41	70½ lbs.
Per dozen.....	$13.00	23.50	42.40

12 IN. ONE THIRD DOZEN; BALANCE, HALF-DOZEN IN A BOX.

HAT, COAT AND HARNESS HOOKS.

HAT AND COAT.

Coppered, Steel Wire.

No. 600—2½ in., w't per gro. 5¾ lbs., per gross $2.20
No. 700—3 in., w't per gro. 8 lbs., per gross 2.40
No. 800—3¼ in., w't per gro. 11 lbs., per gross 3.00

Japanned, Steel Wire.

No. 070—3 in., w't per gro. 8 lbs., per gross 2.55
No. 080—3½ in., w't per gro. 11 lbs., per gross 3.20

Brass Plated, Steel Wire.

No. 1160—2½ in., w't per gro. 5¾ lbs., per gross 3.85
No. 1170—3 in., w't per gro. 8 lbs., per gross 4.00
No. 1180—3½ in., w't per gro. 11 lbs., per gross 5.00

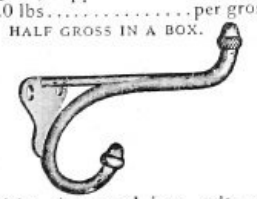
Nickel Plated, Steel Wire.

No. 470—3 in., w't per gro. 8 lbs., per gross 4.50

NOS. 600 AND 1160 ONE GROSS; BALANCE, HALF GROSS IN A BOX.

No. 75—3¼ in., japanned iron, w't per gro. 10 lbs ..... per gross $1.65
No. 80—3¼ in., copper bronzed iron, w't per gro. 10 lbs ..... per gross 1.75

HALF GROSS IN A BOX.



No. 76—3½ in., japanned iron, w't per gro. 14 lbs ..... per gross $2.00
No. 78—3½ in., copper bronzed iron, w't per gro. 14 lbs ..... per gross 2.10

HALF GROSS IN A BOX.

No. 180—1¾ in., triple hook, japanned iron, w't per gro. 15 lbs ..... per gross $2.55
No. 185—1¾ in., triple hook, copper bronzed iron, w't per gro. 15 lbs., per gross 2.65

HALF GROSS IN A BOX

No. 10—3¼ in., wrought steel, brass plated and lacquered, with round head brass screws, w't per doz. 2½ lbs., per dozen $1.25

ONE DOZEN IN A BOX.

HAT AND COAT.

Size 3⅛ Inch.

No. P187—Plain bronze plated iron, per dozen $1.50
No. OC187—Old copper finish iron, per dozen 1.60
No. SC187—Sand blast old copper finish iron ..... per dozen 1.70
No. P87—Polished cast bronze metal, per dozen 3.20
No. OC87—Polished old copper finish cast bronze ..... per dozen 3.75
No. SC87—Sand blast old copper finish bronze ..... per dozen 4.25

ONE DOZEN IN A BOX, WITH SCREWS. WEIGHT 2 LBS. PER DOZEN.

For Hall Trees.

No. P153—5 in., plain bronze plated iron, w't per doz. 14 lbs ..... per dozen $5.50
No. OC153—5 in., old copper finish iron, w't per doz., 14 lbs ..... per dozen 4.60

ONE DOZEN IN A BOX, WITH SCREWS.

SCHOOL HOUSE.

No. 1—3 in., japanned iron, single hook, w't per gro. 27 lbs ..... per gross $3.70

HALF GROSS IN A BOX.

No. 2—3 in., japanned iron double hook, heavy, w't per gro. 38 lbs ..... per gross $4.05

ONE-QUARTER GROSS IN A BOX.

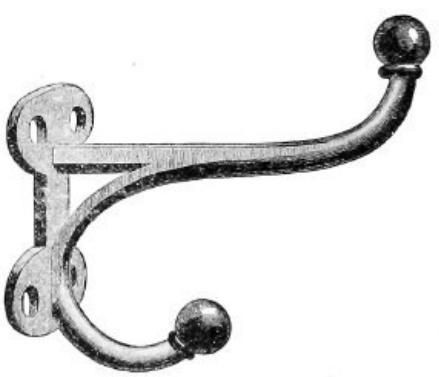
No. 3—3 in., japanned iron, triple hook, extra heavy, w't per gro. 42 lbs., per gross $4.80

ONE-SIXTH GROSS IN A BOX.

HARNESS.

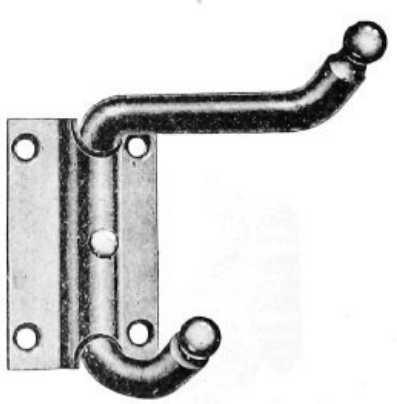
No. 1082—8 in., japanned iron, w't per doz. 9½ lbs ..... per dozen $1.20
No. 1083—10 in., japanned iron, w't per doz. 13 lbs ..... per dozen 1.30

ONE DOZEN IN A BOX.



No. 1080 —5½ in., japanned iron, w't per doz. 8½ lbs ..... per dozen $1.00
No. 1081 —6 in., japanned iron, heavy, w't per doz. 9½ lbs ..... per dozen 1.05
No. 1081½—8 in., japanned iron, extra heavy, w't per doz. 12 lbs ..... per dozen 1.30
No. 1084 —10½ in., japanned iron, extra heavy, w't per doz. 33 lbs., per dozen 3.75

ONE DOZEN IN A BOX.



No. 7—7 in., japanned steel, extra heavy, w't per doz. 11 lbs ..... per dozen $2.00
No. 10—10 in., japanned steel, extra heavy, w't per doz. 18 lbs ... per dozen 3.00

ONE DOZEN IN A BOX.

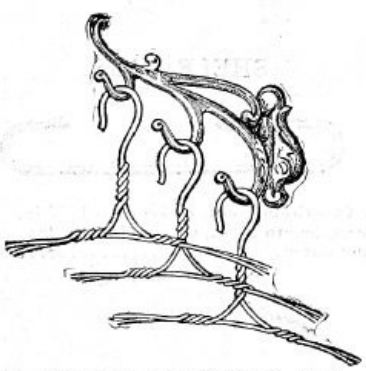
THE SIZE GIVEN IS THE PROJECTION FROM WALL.

YALE PATTERN HAT AND COAT HOOKS.

No. 1011—2½ in. high, projection 3 in., cast steel, polished old copper finish, w't per doz. 2½ lbs.....per dozen $0.80
ONE DOZEN IN A BOX.

No. 1021—3 in. high, projection 3 in., cast steel, polished old copper finish, w't per doz. 3 lbs.....per dozen $0.80
ONE DOZEN IN A BOX.

No. 12—3½ in. high, projection 3¼ in., cast steel, polished old copper finish, w't per doz. 4 lbs.....per dozen $1.00
ONE DOZEN IN A BOX.



No. 22—5 in. high, projection 5 in., cast steel, polished old copper finish, w't per doz. 4½ lbs.....per dozen $1.20
ONE DOZEN IN A BOX.

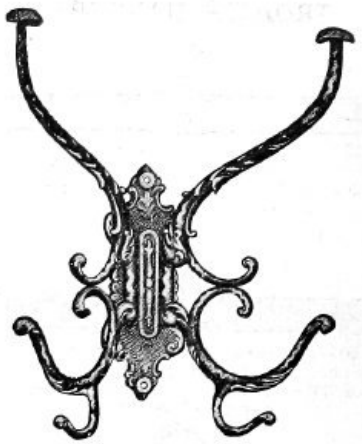
No. 1031—7 in. high, projection 4 in., cast steel, polished old copper finish, w't per doz. 6 lbs.....per dozen $1.50
ONE DOZEN IN A BOX.

No. 1041—9 in. high, projection 4½ in., cast steel, polished old copper finish, w't per doz. 8 lbs.....per dozen $1.75

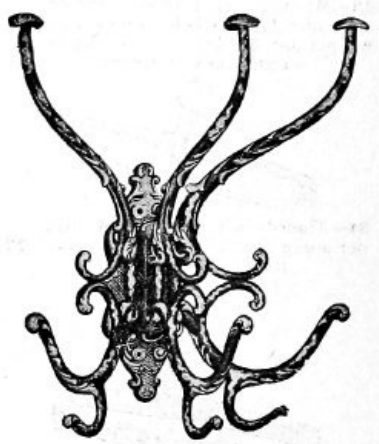
No. 1051—12 in. high, projection 6 in., cast steel, polished old copper finish, w't per doz. 17 lbs.....per dozen $4.20

No. 1032—7 in. high, projection 4 in., cast steel, polished old copper finish, w't per doz. 9½ lbs.....per dozen $3.50

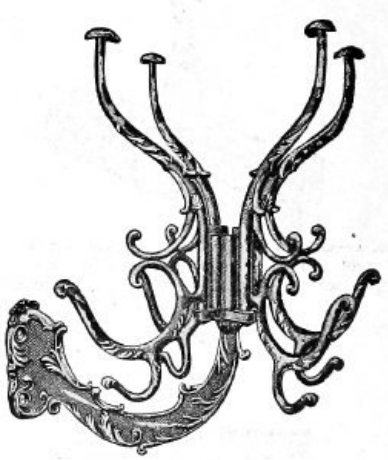
No. 1042—9 in. high, projection 4½ in., cast steel, polished old copper finish, w't per doz. 18 lbs.....per dozen $4.50
ONE DOZEN IN A BOX.



No. 1052—12 in. high, projection 6 in., spread 9 in., cast steel, polished old copper finish, w't per doz. 28 lbs., per dozen..... $7.20
ONE-HALF DOZEN IN A BOX.



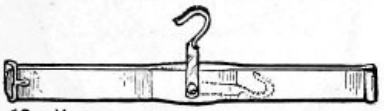
No. 1053—12 in. high, projection 6 in., spread 11 in., cast steel, polished old copper finish, w't per doz. 38 lbs., per dozen..... $9.00
ONE-THIRD DOZEN IN A BOX.



No. 1066—Wall cluster, hook length 11 in., spread 11¼ in., cast steel, polished old copper finish, w't per doz. 65 lbs., per dozen..... $18.00
ONE-QUARTER DOZEN IN A BOX

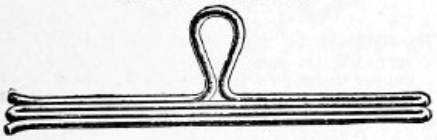
GARMENT HANGERS.

TROUSER HANGERS.

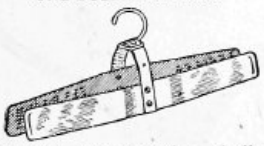


No. 12—Model, nickel plated ⅞ in. spring steel, 10½ in. long, w't per doz. 3½ lbs. ..... per dozen $1.60
ONE DOZEN IN A DISPLAY BOX.

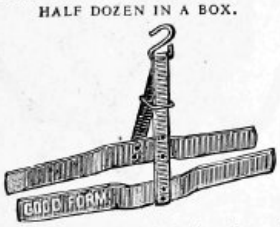
No. 50—Japanned, steel folding hook, thumb screw lock, 10¾×1 in., w't per doz. 3 lbs. ..... per dozen $1.50
ONE DOZEN IN A BOX.



No. 15—Multiple, made of ¼ in. spring steel, nickel plated, holds 3 garments, w't per doz. 6¼ lbs. ..... per dozen $2.00
ONE DOZEN IN A BOX.

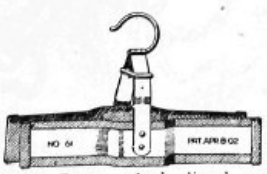


No. 34—Tinned, w't per doz. 4 lbs., per dozen $2.20
HALF DOZEN IN A BOX.



No. 32—Good Form, nickel plated steel, length 8 in., width 1 in., w't per doz. 3½ lbs. ..... per dozen $4.00
HALF DOZEN IN A BOX.

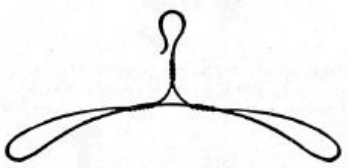
No. 1—Good Form DeLuxe, nickel plated steel, length 8 in., width 1½ in., w't per doz. 4½ lbs. ..... per dozen $4.00
HALF DOZEN IN A BOX.



No. 61—Good Form, cloth lined and nickel plated, w't per doz. 5 lbs., per dozen $5.00
HALF DOZEN IN A BOX.

COAT HANGERS.

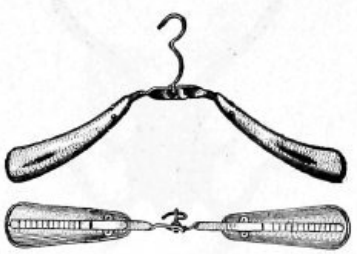
No. 5—Folding nickel plated, 1½ in. hook, 17 in. frame, w't per doz. 4 lbs., per dozen $1.60
ONE DOZEN IN A BOX.



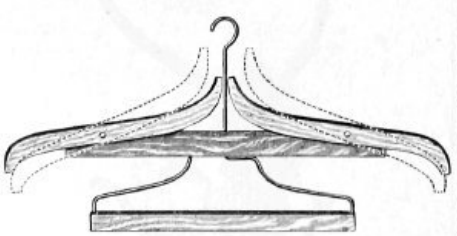
No. 10 Steel Wire.

No. 10—Coppered, length 16 in., w't per doz. 2½ lbs. ..... per dozen $0.50
No. 30—Tinned, length 16 in., w't per doz. 2½ lbs. ..... per dozen 0.70
ONE DOZEN IN A BUNDLE.

No. 22—Good Form, O. K., black enamel, length open, 17 in., length, folded 10 in., w't per doz. 3½ lbs., per dozen $2.00
HALF DOZEN IN A BOX.

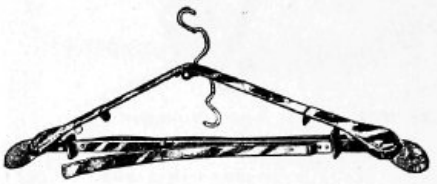


No. 21—Good Form DeLuxe, length opened 19 in., folded 9½ in., nickel plated steel, extension, fits any size, w't per doz. 5 lbs. ..... per dozen $6.00
HALF DOZEN IN A BOX.



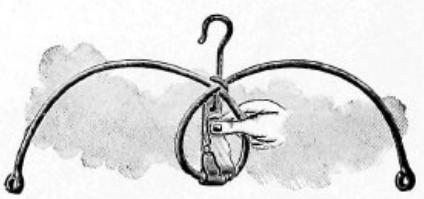
No. 60—Perfecto, spread 19 in., hardwood smoothly finished, adjustable to any size shoulder, w't per doz. 12 lbs., per dozen $6.00
Holds full suit—coat, vest and trousers—in perfect shape and smallest possible space.

COAT HANGERS.



No. 70—New Form, all steel, adjustable in width from 16 to 22 in., folding hook, holds coat, vest and two pairs of trousers, w't per doz. 12 lbs., per dozen $7.00
HALF DOZEN IN A BOX.

SKIRT HANGERS.

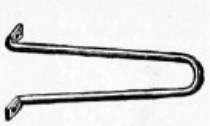


No. 20—Good Form, tinned wire, fits any size, w't per doz. 2½ lbs. ..... per dozen $2.20
The arms can be bent to fit any size skirt while the clasp is used to support the center of skirt if so desired.
ONE DOZEN IN A BOX.

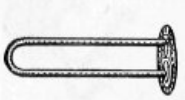
SHELF BARS.

No. 24—Good Form, nickel plated, ¼ in. wire, length 15 in., w't per doz. 3¾ lbs., per dozen $2.20
ONE DOZEN IN A BOX.

CLOSET LOOPS.



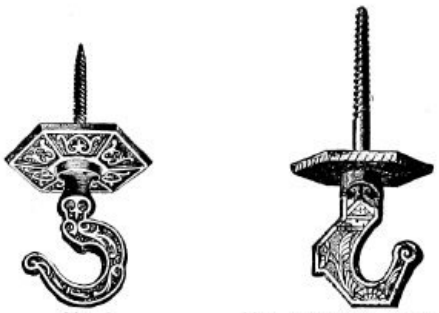
No. 25—Good Form, nickel plated, ¼ in. wire, length 8½ in., w't per doz. 3 lbs., per dozen $2.20
ONE DOZEN IN A BOX.



No. 101—Nickel plated, 7 in., w't per doz. 4 lbs. ..... per dozen $3.50
ONE DOZEN IN A BOX.

HOOKS AND PULLS.

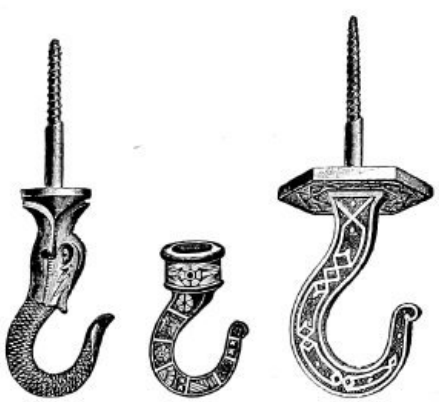
CHANDELIER HOOKS.



No. 9. Nos. B113 and B114.

No. 9—2½ in. screw, walnut bronzed iron, 2⅛ in. plate, w't per doz. 3 lbs., per dozen $0.90
No. B113—3 in. screw, electro bronze plated iron, with 2¼ in. plate, w't per doz. 3¼ lbs. ..... per dozen 1.20
No. B114—4 in. screw, electro bronze plated iron, with 2¼ in. plate, w't per doz. 4½ lbs. ..... per dozen 1.25

ONE DOZEN IN A BOX.

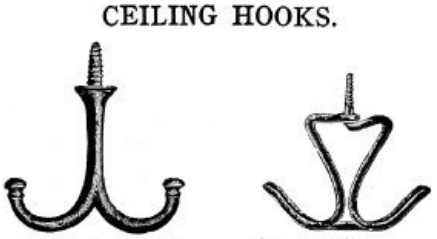


No. 24. No. 600. Nos. 114 and 116.

No. 24—4 in. screw, japanned Dolphin pattern, w't per doz. 5 lbs. .... per dozen $1.10
No. 600—Enameled iron, for ⅜ in. gas pipe, outside diameter ⅝ in., w't per doz. 2 lbs. ..... per dozen 80
No. 114—4 in. screw, walnut bronzed iron, with 2¼ in. plate, w't per doz. 5½ lbs., per dozen 1.20
No. 116—6 in. screw, walnut bronzed iron, with 2½ inch plate, w't per doz. 7 lbs., per dozen 1.70

ONE DOZEN IN A BOX.

CEILING HOOKS.



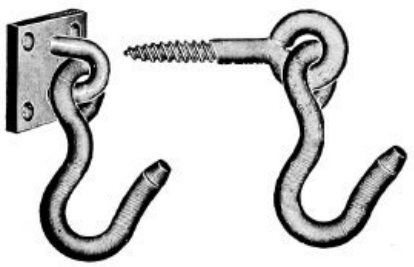
Nos. 2 and 102. Nos. 4 and 6.

No. 2—2 in., japanned iron, cast screw, w't per gro. 12 lbs. ..... per gross $1.35
No. 102—2 in., copper bronzed iron, cast screw, w't per gro. 12 lbs. ..... per gross 1.35
No. 4—2 in., coppered steel wire, w't per gro. 9 lbs. ..... per gross 3.40
No. 6—2 in., japanned steel wire, w't per gro. 9 lbs. ..... per gross 3.70

HALF GROSS IN A BOX.

The sizes given on chandelier and ceiling hooks are the projections from ceiling or wall.

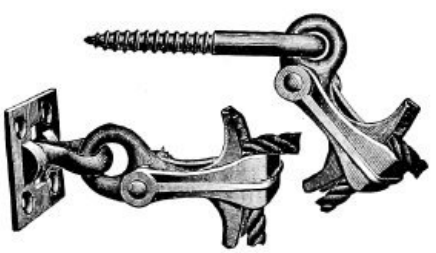
HAMMOCK HOOKS.



Nos. 98 and 100. Nos. 94 and 96.

No. 98—⅜ in., wrought iron, *plain*, with plate 2×2 in., w't per doz. 4½ lbs., per dozen $0.90
No. 100—⅜ in., wrought iron, *tinned*, with plate 2×2 in., w't per doz. 4¾ lbs., per dozen 1.00
No. 94—⅜ in., wrought iron, *plain*, with 2½ in. screw eye, w't per doz. 4 lbs. ..... per dozen .90
No. 96—⅜ in., wrought iron, *tinned*, with 2½ in. screw eye, w't per doz. 4½ lbs. ..... per dozen 1.0

ONE DOZEN IN A BOX.



No. 258. No. 268.

No. 258—PIGOTT'S, malleable iron, tinned, with 2×2 in. plate, w't per doz. 8 lbs., per dozen $2.50
No. 268—PIGOTT'S, malleable iron, tinned, with 2½ in. screw, w't per doz. 7½ lbs., per dozen 2.35

ONE DOZEN IN A BOX.

CLOTHES LINE HOOKS.

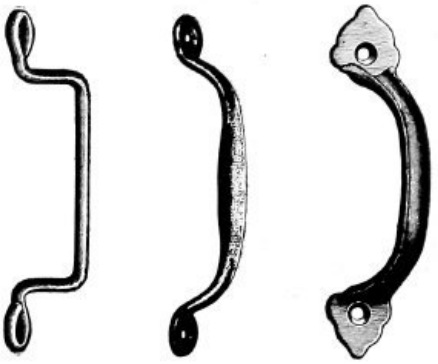
No. 3. Nos. 2 and 20. Nos. 1 and 10.

Iron.

No. 3—2½×1 in. plate, japanned, heavy, w't per doz. 3¼ lbs., per dozen $0.40
No. 2—2×2 in. plate, japanned, heavy, w't per doz. 3½ lbs. ..... per dozen .45
No. 20—2×2 in. plate, galvanized, heavy, w't per doz. 3½ lbs. ..... per dozen .65
No. 1—2½×2½ in. plate, japanned, extra heavy, w't per doz. 7¾ lbs., per dozen ..... .90
No. 10—2½×2½ in. plate, galvanized, extra heavy, w't per doz. 8 lbs., per dozen 1.40

NO 3, TWO DOZEN; BALANCE, ONE DOZEN IN A BOX.

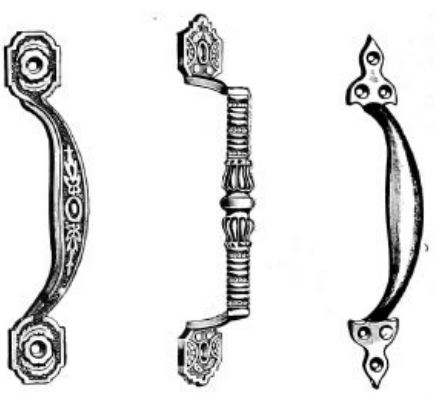
DOOR PULLS.



Nos. 263 and 1263. Nos. J102 to OC202. No. 1105.

No. 263—5 in., 6 gauge steel wire, japanned, w't per gro. 9 lbs. ..... per gross 2.80
No. 1263—5 in., 6 gauge steel wire, brass plated, w't per gro. 9 lbs. ..... per gross $3.00
No. J102—5½ in., japanned steel, w't per gro. 7½ lbs. ..... per gross 6.00
No. J202—3½ in., japanned steel, w't per gro. 4½ lbs. ..... per gross 5.60
No. P102—5½ in., polished, bronze plated steel, w't per gro. 7½ lbs., per gross 8.00
No. P202—3½ in., polished, bronze plated steel, w't per gro. 4¼ lbs., per gross 7.40
No. OC102—5½ in., polished, old copper plated steel, w't per gro. 7½ lbs., per gross 8.00
No. OC202—3½ in., polished, old copper plated steel, w't per gro. 4½ lbs., per gross 8.00
No. 1105—6 in., japanned steel, w't per gro. 25 lbs. ..... per gross 5.40

NO. 1105, ONE-SIXTH GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX, WITH SCREWS.



No. 7. No. 10. No. 502.

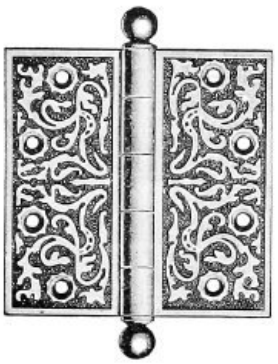
No. 7—5 in., enameled iron, w't per doz. 1 lb. ..... per dozen $0.50
No. 10—6 in., enameled iron, w't per doz. 2¼ lbs. ..... per dozen .60
No. 502—6 in., polished cast brass, w't per doz. 1½ lbs. ..... per dozen 3.00

NO. 7, TWO DOZEN; NO. 502, ONE DOZEN IN A BOX, WITH SCREWS.

Can be used as drawer pulls, door pulls, sash lifts, window screen lifts and screen door dulls.

LOOSE PIN BUTTS.

Nos. P47 to F47.



No. 50.

Bronze Plated, Wrought Steel, Ball Tips.

No. P47—Sizes.	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in.
W't per pair.	½	1	1½	1¾	2	3 lbs.
Per pair.	$0.30	.33	.36	.45	.54	.69

2×2 AND 2½×2½, THREE PAIRS; BALANCE, ONE PAIR IN A BOX, WITH SCREWS.

Old Copper Finish Bronze Plated, Wrought Steel, Ball Tips.

No. OC47—Sizes	2×2	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in.
W't per pair.	⅜	½	¾	1¼	1¾	2¼	3 lbs.
Per pair.	$0.30	.33	.36	.40	.50	.60	.75

2×2 AND 2½×2½ IN., THREE PAIRS; BALANCE, ONE PAIR IN A BOX, WITH SCREWS.

Dull or Lemon Brass Finish, Bronze Plated, Wrought Steel, Ball Tips.

No. DB47—Sizes.	2½×2½	3×3	3½×3½	4×4	4½×4½ in.
W't per pair.	½	¾	1¼	1¾	2¼ lbs.
Per pair.	$0.33	.36	.40	.50	.60

2½×2½, THREE PAIRS; BALANCE, ONE PAIR IN A BOX, WITH SCREWS.

Antique Brass Finish, Bronze Plated, Wrought Steel, Ball Tips.

No. AB47—Sizes.	2½×2½	3×3	3½×3½	4×4	4½×4½ in.
W't per pair.	½	¾	1¼	1¾	2¼ lbs.
Per pair.	$0.33	.36	.40	.50	.60

2½×2½ THREE PAIRS; BALANCE, ONE PAIR IN A BOX, WITH SCREWS.

Sand Blast Old Copper Finish Bronze Plated, Wrought Steel, Ball Tips.

No. SC47—Sizes.	2×2	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in.
W't per pair.	⅜	⅝	1	1½	2	2½	3 lbs.
Per pair.	$0.33	.36	.39	.44	.55	.66	.85

ONE PAIR IN A BOX, WITH SCREWS.

Brass Plated, Wrought Steel, Ball Tips.

No. A47—Sizes.	2×2	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in.
W't per pair.	⅜	⅝	1	1½	2	2½	3 lbs.
Per pair.	$0.65	.75	.80	.90	.95	1.10	1.30

ONE PAIR IN A BOX, WITH SCREWS.

Bower-Bariff Finish Wrought Steel, Ball Tips.

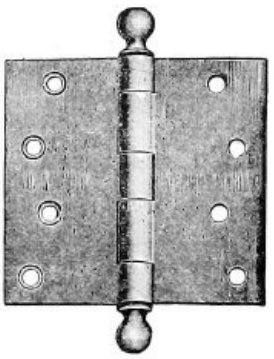
No. F47—Sizes.	3×3	3½×3½	4×4	4½×4½	5×5 in.
W't per pair.	1	1½	2	2½	3 lbs.
Per pair.	$0.90	1.20	1.40	1.80	2.20

ONE PAIR IN A BOX, WITH SCREWS.

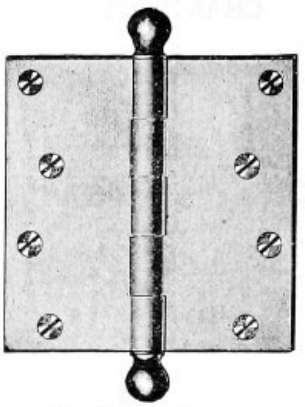
Polished Bronze Plated Wrought Steel, Ball Tips.

No. 50—Sizes.	2×2	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in.
W't per pair.	⅜	⅝	1	1¼	1¾	2¼	3 lbs.
Per pair.	$0.48	.54	.60	.66	.75	.90	1.05

2×2 AND 2½×2½, THREE PAIRS; BALANCE, ONE PAIR IN A BOX, WITH SCREWS.



Nos. 731 to 733.



Nos. P40 to AB40.

Japanned Wrought Steel, Ball Tips.

No. 731—Sizes	2×2	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in
Size of screw.	8	9	10	11	11	12	13
Doz. in full cases	50	25	25	25	12	10	10
Screw holes.	6	6	6	6	8	8	8
W't per doz. prs.	3½	5½	8½	13	17	24	28 lbs
Per doz. prs.	$2.50	3.00	3.50	4.00	5.00	6.00	7.50

HALF DOZEN PAIRS IN A BOX.

Japanned Wrought Steel, Ball Tips.

No. 731½—Sizes.	2×2	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in.
W't per doz. prs.	3½	5½	8½	13	17	24	28 lbs.
Per doz. prs.	$3.15	3.90	4.50	5.20	6.50	7.80	10.20

ONE PAIR IN A BOX, WITH SCREWS.

Dull Japanned Wrought Steel, Ball Tips.

No. 733—Sizes.	2½×2½	3×3	3½×3½	4×4	4½×4½ in.
W't per doz. prs.	7½	12	18	24	30 lbs.
Per doz. pairs.	$4.40	5.20	6.00	7.40	8.70

ONE PAIR IN A BOX, WITH SCREWS.

Polished Cast Bronze Metal, Ball Tips, Steel Bushed.

No. P40—Sizes.	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in
W't per pair.	½	1	1¼	1½	2½	3 lbs.
Per pair.	$1.35	1.95	2.00	2.50	3.00	3.50

2½×2½ IN., THREE PAIRS; BALANCE ONE PAIR IN A BOX, WITH SCREWS.

Polished Old Copper Finish Cast Bronze Metal, Ball Tips, Steel Bushed.

No. OC40—Sizes.	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in.
W't per pair.	⅝	1	1¼	1½	2¼	3 lbs
Per pair.	$1.50	2.00	2.25	2.75	3.25	3.75

2½×2½ IN., THREE PAIRS; BALANCE ONE PAIR IN A BOX, WITH SCREWS.

Sand Blast Old Copper Finish Cast Bronze Metal, Ball Tips, Steel Bushed.

No. SC40—Sizes.	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in.
W't per pair.	⅝	1	1¼	1½	2¼	3 lbs
Per pair.	$1.55	2.10	2.40	2.85	3.30	4.00

2½×2½ IN., THREE PAIRS; BALANCE ONE PAIR IN A BOX, WITH SCREWS

Polished Natural Cast Brass, Ball Tips, Steel Bushed.

No. A40—Sizes.	2½×2½	3×3	3½×3½	4×4	4½×4½	5×5 in.
W't per pair.	⅝	1	1¼	2	2½	3 lbs.
Per pair.	$1.35	1.95	2.10	2.60	3.00	3.60

2½×2½ IN., THREE PAIRS; BALANCE ONE PAIR IN A BOX, WITH SCREWS.

Dull or Lemon Brass Metal, Ball Tips, Steel Bushed.

No. DB40—Sizes.	3×3	3½×3½	4×4	4½×4½ in
W't per pair.	1	1¼	1½	2½ lbs.
Per pair.	$2.00	2.10	2.65	3.25

ONE PAIR IN A BOX, WITH SCREWS.

Shaded Antique Brass Metal, Ball Tips, Steel Bushed.

No. AB40—Sizes.	3×3	3½×3½	4×4	4½×4½ in.
W't per pair.	1	1¼	1½	2½ lbs.
Per pair.	$2.25	2.35	2.80	3.50

ONE PAIR IN A BOX, WITH SCREWS.

WROUGHT STEEL BUTTS.

BALL BEARING.

Bronze Plated, Loose Pin, Ball Tips.

No. WB48— Sizes.	3½×3½	4×4	4½×4½	5×5 in.
W't per pr.	1¼	1½	2¼	3 lbs.
Per pair.	$1.38	1.45	1.55	1.78

Polished Old Copper Finish Bronze Plated, Loose Pin, Ball Tips.

No. OC48— Sizes.	3½×3½	4×4	4½×4½	5×5in.
W't per pr.	1¼	1½	2¼	3 lbs.
Per pair.	$1.45	1.53	1.63	1.86

Sand Blast Old Copper Finish Bronze Plated, Loose Pin, Ball Tips.

No. SC48— Sizes.	3½×3½	4×4	4½×4½	5×5in.
W't per pr.	1¼	1½	2¼	3 lbs.
Per pair.	$1.53	1.60	1.70	1.94

ONE PAIR IN A BOX, WITH SCREWS.

LIGHT NARROW.

Bronze Plated, Loose Pin, Ball Tips.

No. 295—Sizes.	2	2½	3 in.
Width, open.	1 9/16	1 11/16	2 in.
W't per doz. prs.	2¼	3¼	4½ lbs.
Per dozen pairs.	$3.60	3.90	4.60

Polished Old Copper Finish, Loose Pin, Ball Tips.

No. OC295—Sizes.	2	2½	3 in.
Width, open.	1 9/16	1 11/16	2 in.
W't per doz. prs.	2¼	3¼	4½ lbs.
Per dozen pairs.	$4.05	4.35	5.05

Sand Blast Old Copper Finish, Loose Pin, Ball Tips.

No. SC295—Sizes.	2	2½	3 in.
Width, open.	1 9/16	1 11/16	2 in.
W't per doz. prs.	2¼	3¼	4½ lbs.
Per dozen pairs.	$4.50	4.80	5.50

Dull or Lemon Brass Finish, Loose Pin, Ball Tips.

No. DB295—Sizes.	2	2½	3 in.
Width, open.	1 9/16	1 11/16	2 in.
W't per doz. prs.	2¼	3¼	4½ lbs.
Per dozen pairs.	$4.05	4.85	5.45

Antique Brass Finish, Loose Pin, Ball Tips.

No. AB295—Sizes.	2	2½	3 in.
Width, open.	1 9/16	1 11/16	2 in.
W't per doz. prs.	2¼	3¼	4½ lbs.
Per dozen pairs.	$4.05	4.85	5.45

Nickel Plated, Loose Pin, Ball Tips.

No. N295—Sizes.	2	2½ in.
Width, open.	1 9/16	1 11/16 in.
W't per doz. prs.	2¼	3¼ lbs.
Per dozen pairs.	$7.20	8.20

HALF DOZEN PAIRS IN A BOX, WITH SCREWS.

LIGHT.

Bronze Plated, Loose Pin, Ball Tips.

No. 289—Sizes.	2×2	2½×2	2½×2½ in.
W't per doz. prs.	3	3⅓	4 lbs.
Per dozen pairs.	$4.00	4.15	4.25

Bower-Barff Finish, Loose Pin, Ball Tips.

No. F289—Sizes	2×2	2½×2	2½×2½	3×3 in.
W't per doz.	3	3¼	4	10 lbs.
Per dozen pairs	$7.60	8.45	9.33	11.55

Old Copper Finish, Loose Pin, Ball Tips.

No. OC289—Sizes.	2×2	2½×2	2½×2½ in.
W't per doz. prs.	3	3⅓	4 lbs.
Per dozen pairs.	$4.45	4.60	4.70

Sand Blast Old Copper Finish, Loose Pin, Ball Tips.

No. SC289—Sizes.	2×2	2½×2	2½×2½ in.
W't per doz. prs.	3	3⅓	4 lbs.
Per dozen pairs.	$4.90	5.05	5.15

Dull Brass or Lemon Finish, Loose Pin, Ball Tips.

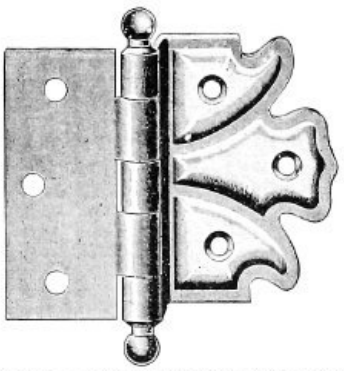
No. DB289—Sizes.	2×2	2½×2	2½×2½ in.
W't per doz. prs.	3	3⅓	4 lbs.
Per dozen pairs.	$4.45	4.60	4.70

Antique Brass Finish, Loose Pin, Ball Tip.

No. AB289—Sizes.	2×2	2½×2	2½×2½ in.
W't per doz. prs.	3	3⅓	4 lbs.
Per dozen pairs.	$4.45	4.60	4.70

HALF DOZEN PAIRS IN A BOX, WITH SCREWS.

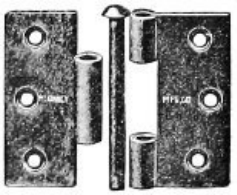
HALF SURFACE ORNAMENTAL.



Old Copper Finish, Ball Tips Reversible.

No. OC124—Sizes,	2½	3	3½	4 in.
W't per pr.	5	6½	7½	8 lbs.
Per pair.	$0.35	.40	.45	.55

ONE PAIR IN A BOX, WITH SCREWS.



Bright, Loose Pin.

No. 804 (703) Sizes.	2×2	2×2½	2½×2	2½×2½ in
Size of screw	8	8	9	9
Doz. in full cases.	50	50	50	50
W't per doz. pairs.	3¼	3¾	4½	4¾ lbs.
Per doz. prs.	$1.40	1.50	1.60	1.80

No. 804 (703)—Sizes	2½×3	3×2½	3×3 in.
Size of Screw.	9	10	10
Doz. in full cases.	50	40	40
W't per doz. pairs.	5½	6¾	7¾ lbs.
Per dozen pairs.	$2.20	2.40	2.60

ONE DOZEN PAIRS IN A BOX.

No. 804 (703) Sizes.	3×3½	3½×3	3½×3½	4×3½ in.
Size of screw	10	11	11	11
Doz. in full cases.	25	25	25	25
W't per dz. prs.	8½	10	11	14 lbs.
Per doz. pairs	$3.00	3.60	3.80	4.60

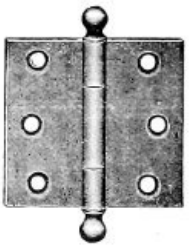
No. 804 (703)—Sizes.	4×4	4½×4½	5×5 in.
Size of screw.	11	12	13
Doz. in full cases.	25	10	10
W't per doz. prs.	16	19	25 lbs.
Per dozen pairs.	$4.70	5.90	7.70

HALF DOZEN PAIRS IN A BOX.

Light, Polished, Reversible, Loose Pin.

No. 834 (717)— Sizes.	2×2	2½×2½	2½×3 in.
Size of Screw.	7	7	7
Doz. in full cases.	50	50	50
W't per doz. prs.	2¼	3¾	4½ lbs.
Per dozen pairs.	$1.40	1.80	2.20

ONE DOZEN PAIRS IN A BOX.



Bright, Loose Pin, Ball Tips.

No. 823 (714)—Sizes	3×2½	3×3	3½×3½ in.
Size of screw.	10	10	11
Doz. in full cases.	25	25	15
W't per doz. pairs.	7½	8¾	13 lbs.
Per dozen pairs.	$4.80	5.00	6.00

No. 823 (714)—Sizes.	4×4	4½×4½	5×5 in.
Size of screw.	11	12	13
Doz. in full cases.	12	10	10
W't per doz. prs.	17	21	28 lbs.
Per dozen pairs.	$7.40	8.90	11.40

HALF DOZEN PAIRS IN A BOX.

WROUGHT STEEL BUTTS.

No. 838.

No. 800.

Narrow, Bright, Fast Joint.

No. 800—(700) Inches,	1	1¼	1½	1¾	2	2¼	2½	2¾
Width, open,	1¼	1 5/16	1½	1 9/16	1¾	1 13/16	1¾	2 1/16 in.
Size of screw,	5	6	7	7	8	8	8	9
Screw holes,	4	4	4	4	4	6	6	6
Dozen in case,	100	100	100	100	100	100	100	50
W't per doz. pairs,	¾	¾	1½	1¾	2¼	3	3½	4¼ lbs.
Per dozen pairs,	$0.40	.50	.65	.80	.90	1.05	1.10	1.30

No. 800—(700) Inches,	3	3½	4	4½	5
Width, open,	2¼	2 9/16	2¾	3	3¾
Size of screw,	9	10	10	11	12
Screw holes,	6	6	8	8	8
Dozen in case,	50	40	25	20	15
W't per doz. pairs,	5	7¾	10¼	12½	17
Per dozen pairs,	$1.45	2.00	2.85	3.70	4.60

Light Narrow, Bright, Fast Joint.

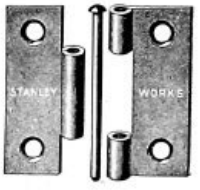
No. 838—(719) Inches,	1	1¼	1½	1¾	2	2¼	2½	3	3½	4	4½	5
Width, open,	1	1 1/16	1 1/16	1 1/16	1 9/16	1 11/16	1 11/16	2	2¼	2¾	3	3 5/16 in.
Size of screw,	3	3	5	5	6	6	6	7	9	10	11	12
Screw holes,	4	4	4	4	4	6	6	6	6	8	8	8
Dozen in case,	100	100	100	100	100	100	100	50	50	40	20	20
W't per doz. pairs,	½	¾	1	1½	1¾	2¼	2½	3¼	6½	8¼	10	15 lbs.
Per dozen pairs,	$0.40	.50	.65	.80	.90	1.05	1.10	1.45	2.00	2.85	3.70	4.60

ONE DOZEN PAIRS IN A BOX.

No. 808.

No. 284.

No. 840.



No. 286.

Broad, Bright, Fast Joint.

No. 808—(705) Inches,	2½	3	3½
Width, open,	2½	3	3½ in.
Size of screw,	8	9	10
Screw holes,	6	6	6
W't per doz. pairs,	4¾	7¾	11 lbs.
Per dozen pairs,	$1.60	2.40	3.50

ONE DOZEN PAIRS IN A BOX.

Light, Narrow, Bronze Plated, Fast Joint.

No. 284—Inches,	1½	1¾	2	2¼	2½	3
Width, open,	1¾	1½	1½	1¾	1¾	2 in.
W't per doz. pairs,	1¾	1½	2	2½	2¾	4½ lbs.
Per dozen pairs,	$0.75	.83	.92	1.03	1.13	1.25

ONE DOZEN PAIRS IN A BOX, WITH SCREWS.

Light Narrow, Polished Old Copper Finish, Fast Joint.

No. OC284—Inches,	2	2½	3
Width, open,	1½	1¾	2 in.
W't per doz. pairs,	2	2¾	4½ lbs.
Per dozen pairs,	$1.25	1.45	1.85

ONE DOZEN PAIRS IN A BOX, WITH SCREWS.

Light Narrow, Sand Blast Old Copper Finish, Fast Joint.

No. SC284—Inches,	2	2½	3
Width, open,	1½	1¾	2 in.
W't per doz. pairs,	2	2¾	4½ lbs.
Per dozen pairs,	$1.60	1.80	2.50

ONE DOZEN PAIRS IN A BOX, WITH SCREWS.

Light Narrow, Dull Brass or Lemon Brass Finish, Fast Joint.

No. DB284—Inches,	2	2½	3
Width, open,	1½	1¾	2 in.
W't per doz. pairs,	2	2¾	4½ lbs.
Per dozen pairs,	$1.25	1.45	1.85

ONE DOZEN PAIRS IN A BOX, WITH SCREWS.

Light Narrow, Antique Brass Finish, Fast Joint.

No. AB284—Inches,	2	2½	3
Width, open,	1½	1¾	2 in.
W't per doz. pairs,	2	2¾	4½ lbs.
Per dozen pairs,	$1.25	1.45	1.85

ONE DOZEN PAIRS IN A BOX, WITH SCREWS.

Bright, Loose Pin.

No. 840—Inches,	1½	1¾	2	2½	3
Width, open,	1¾	1½	1¾	1¾	2 in.
Size of screw,	5	5	6	6	7
Screw holes,	4	4	4	6	6
W't per doz. pairs,	1	1½	1¾	2¾	3¾ lbs.
Per dozen pairs,	$0.90	1.00	1.10	1.45	1.80

Light Narrow, Bronze Plated, Loose Pin.

No. 286—Inches,	1½	2	2½	3
Width, open,	1¾	1¾	1¾	2 in.
Size of screw,	5	6	6	7
Screw holes,	4	4	6	6
W't per doz. pairs,	1	1¾	2¾	3¾ lbs.
Per dozen pairs,	$1.05	1.30	1.57	1.75

Light Narrow, Old Copper Finish, Bronze Plated, Loose Pin.

No. OC286—Inches,	1½	2	2½	3
Width, open,	1¾	1¾	1¾	2 in.
Size of screw,	5	6	6	7
Screw holes,	4	4	6	6
W't per doz. pairs,	1	1¾	2¾	3¾ lbs.
Per dozen pairs,	$1.37	1.62	1.90	2.40

Light Narrow, Sand Blast Old Copper Finish, Bronze Plated, Loose Pin.

No. SC286—Inches,	1½	2	2½	3
Width, open,	1¾	1¾	1¾	2 in.
Size of screw,	5	6	6	7
Screw holes,	4	4	6	6
W't per doz. pairs,	1	1¾	2¾	3¾ lbs.
Per dozen pairs,	$1.70	1.95	2.20	3.00

Light Narrow, Dull Brass or Lemon Brass Finish, Loose Pin.

No. DB286—Inches,	1½	2	2½	3
Width, open,	1¾	1¾	1¾	2 in.
Size of screw,	5	6	6	7
Screw holes,	4	4	6	6
W't per doz. pairs,	1	1¾	2¾	3¾ lbs.
Per dozen pairs,	$1.37	1.62	1.90	2.40

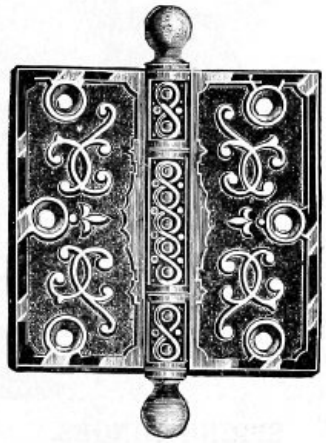
Light Narrow, Antique Brass Finish, Loose Pin.

No. AB286—Inches,	1½	2	2½	3
Width, open,	1¾	1¾	1¾	2 in.
Size of screw,	5	6	6	7
Screw holes,	4	4	6	6
W't per doz. pairs,	1	1¾	2¾	3¾ lbs.
Per dozen pairs,	$1.37	1.62	1.90	2.40

ONE DOZEN PAIRS IN A BOX.

BUTTS.

CAST IRON, LOOSE PIN.



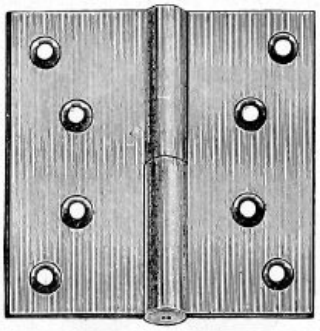
Ball Tips.

No. 510—Sizes	2½×2½	3×2½	3×3	3½×3 in.
Size of screw..	8	10	10	10
Screw holes. .	4	6	6	6
W't doz. prs .	6	8¼	9	11 lbs.
Per doz. pairs	$1.35	1.60	1.75	2.15

No. 510—Sizes. .	3½×3½	4×4	4½×4½ in.
Size of screw.. . .	10	11	11
Screw holes. . . .	6	6	8
W't doz. prs. . . .	12	16	21 lbs.
Per dozen pairs. .	$2.35	2.90	4.00

3×3 AND SMALLER, ONE DOZEN PAIRS; BALANCE, HALF DOZEN PAIRS IN A BOX.

CAST IRON, LOOSE JOINT.



Not Reversible.

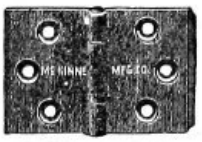
No. 550—Sizes . .	2×2	2½×2½	3×3 in.
Size of screws. . . .	8	8	10
Screw holes.	4	6	6
W't per doz. prs..	4¾	6¾	9½ lbs.
Per dozen pairs. .	$1.00	1.35	1.75

No. 550—Sizes.	3½×3½	4×4 in.
Size of screws.	10	11
Screw holes.	6	8
W't per doz. prs.	13	18 lbs.
Per dozen pairs.	$2.35	2.90

In ordering specify right or left hand.

4×4 HALF DOZEN PAIRS; BALANCE, ONE DOZEN PAIRS IN A BOX

INSIDE BLIND.



Bright Wrought Steel, Six Screw Holes.

No. 842—(723) Inches	1	1⅛	1¼
Width open.	1⅝	1¾	1⅞ in.
Size of screw.	4	5	5
W't per doz. prs. . . .	⅝	¾	1 lb.
Per dozen pairs.	$0.60	.65	.70

No. 842—(723) Inches. . .	1⅜	1½
Width open.	2	2⅛ in.
Size of screw.	5	6
W't per doz. prs.	1¼	1½ lbs.
Per dozen pairs.	$0.75	.80

ONE DOZEN PAIRS IN A BOX.

Bronze Plated Wrought Steel.

No. 332—Inches	1⅛	1¼	1⅜
Width open.	1¾	1⅞	2 in.
W't per doz. prs.	1¼	1⅜	1½ lbs.
Per dozen pairs.	$0.80	.84	.90

ONE DOZEN IN A BOX, WITH SCREWS.

TABLE.

Bright Wrought Steel, Six Screw Holes

No. 810 — (707) Inches	1⅛	1¼	1⅜	1½	
Width open.	2⅝	2¾	3	3	in.
Size of screw.	7	7	7	8	
W't per doz. prs. .	1½	2	2½	2¾	lbs.
Per dozen pairs. . .	$0.80	.90	1.00	1.05	

ONE DOZEN PAIRS IN A BOX.

BACK FLAPS.

Bright Wrought Steel, Six Screw Holes.

No. 814—(709) Inches	1	1⅛	1¼
Width open.	2¾	2⅞	3 in.
Size of screw.	6	6	7
W't per doz. prs. . . .	1½	1¾	2¼ lbs
Per dozen pairs.	$0.80	.90	1.00

No. 814—(709) Inches. . .	1⅜	1½
Width open.	3¼	3½ in.
Size of screw.	7	8
W't per doz. prs.	2¾	3 lbs.
Per dozen pairs.	$1.10	1.20

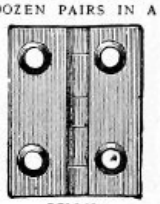
ONE DOZEN PAIRS IN A BOX.

WROUGHT BRASS BUTTS.

Narrow.

Inches.	½	¾	⅞	1	
Width open.	½	⅝	⅝	¾	in.
W't per doz. prs. .	1/16	⅛	¼	⅜	lb.
Per dozen pairs. . .	$0.24	.28	.30	.32	
Inches.	1¼	1½	1¾	2	
Width open.	¾	⅞	1	1	in.
W't per doz. prs. .	½	⅝	¾	1	lb.
Per dozen pairs. . .	$0.46	.52	.68	.80	
Inches.	2¼	2½	2¾	3	
Width open.	1¼	1½	1½	1⅝	in.
W't per doz. prs. . .	1⅜	1¾	2¼	3	lbs.
Per dozen pairs. . .	$1.12	1.40	2.00	2.50	

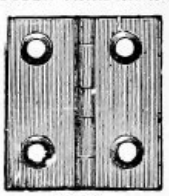
ONE DOZEN PAIRS IN A BOX.



Middle.

Inches.	¾	1	1¼	1½	
Width open.	¾	⅞	⅞	1	in.
W't per doz. prs. .	⅛	¼	½	⅝	lb.
Per dozen pairs. . .	$0.30	.38	.48	.60	
Inches.	1¾	2	2¼		
Width open.	1⅛	1¼	1⅜		in.
W't per doz. prs. . . .	¾	1	1¼		lbs.
Per dozen pairs.	$0.76	.92	1.30		
Inches.	2½	2¾	3		
Width open.	1½	1⅝	1¾		in.
W't per doz. prs. . . .	1¾	2¼	3		lbs.
Per dozen pairs.	$1.70	2.30	3.00		

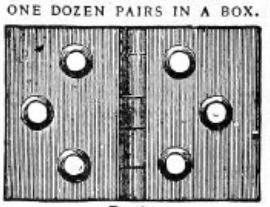
ONE DOZEN PAIRS IN A BOX.



Broad.

Inches.	1	1¼	1½	
Width open.	1	1	1¼	in.
W't per doz. prs. . . .	¼	⅜	⅝	lb.
Per dozen pairs.	$0.40	.54	.68	
Inches.	1¾	2	2¼	
Width open.	1¼	1⅜	1½	in.
W't per doz. prs. . . .	¾	1	1½	lbs.
Per dozen pairs.	$0.84	1.04	1.50	
Inches.	2½	2¾	3	
Width open.	1¾	1¾	2	in.
W't per doz. prs. . . .	2	2¾	3¼	lbs.
Per dozen pairs.	$2.00	2.60	3.50	

ONE DOZEN PAIRS IN A BOX.



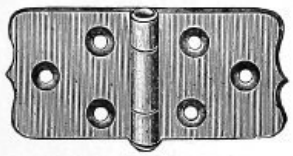
Desk.

Inches.	1	1⅛	1¼	1⅜	1½	
Width open. . . .	1½	1¾	1⅞	2	2	in.
W't per doz. prs.	⅝	¾	1	1¼	1½	lbs.
Per dozen pairs.	$0.60	.72	.84	1.10	1.20	

ONE DOZEN PAIRS IN A BOX.

BUTTS AND HINGES.

WASH TRAY BUTTS.



No. 1312—1¾ in., galvanized wrought steel, brass pin, w't per doz. prs. 2¾ lbs.....per dozen pairs $2.20

ONE DOZEN PAIRS IN A BOX.

NARROW BUTTS.

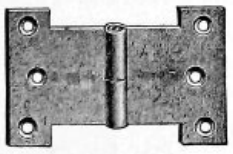
Galvanized Wrought Steel, Brass Pin.

No. 1315—2×1¾ in., w't per doz. prs. 2¼ lbs.....per dozen pairs $1.65

No. 1315—2½×1¾ in., w't per doz. prs. 3¼ lbs.....per dozen pairs 2.15

ONE DOZEN PAIRS IN A BOX.

BRASS PARLIAMENT HINGES.



No. 374—1¾×2½ in., wrought brass, w't per doz. prs. 2 lbs..per dozen pairs $2.70

HALF DOZEN PAIRS IN A BOX

CORRUGATED HINGES.

No. 1430—1⅝ × 2⅞ in., polished wrought brass, *without screws*, w't per doz. prs. 2 lbs.....per dozen pairs $2.70

No. OC1430—1⅝ × 2⅞ in., polished old copper finish wrought brass, *with screws*, w't per doz. prs. 2 lbs...per dozen pairs 3.00

No. 1431—1⅝×2⅞ in., polished steel, *with screws*, w't per doz. prs. 1½ lbs., per dozen pairs 2.40

No. OC1431—1⅝×2⅞ in., polished steel, old copper finish, *with screws*, w't per doz. prs. 1½ lbs. .....per dozen pairs 2.70

ONE DOZEN PAIRS IN A BOX.

FANCY HINGES.

Steel, Sizes 2×2½ in.

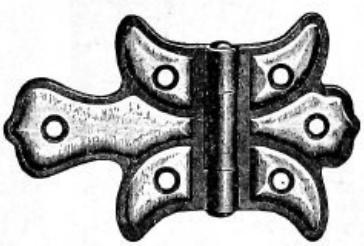
No. P2726—Plain bronze plated, per dozen pairs..... $2.20

No. OC2726—Old copper plated, per dozen pairs..... 2.20

No. DB2726—Dull brass plated, per dozen pairs 2.20

No. SC2726—Sand blast old copper plated per dozen pairs..... 2.20

ONE DOZEN PAIRS IN A BOX, WITH SCREWS. WEIGHT PER DOZEN PAIRS 2½ LBS.



Steel, Sizes 2×3¼ in.

No. P2727—Plain bronzed plated, per dozen pairs..... $2.20

No. OC2727—Old copper plated, per dozen pairs..... 2.20

No. DB2727—Dull brass plated, per dozen pairs..... 2.20

No. SC2727—Sand blast old copper plated..... per dozen pairs 2.20

ONE DOZEN PAIRS IN A BOX, WITH SCREWS. WEIGHT PER DOZEN PAIRS 3 LBS.

CLOVER LEAF HINGES.

No. 300—3¾×1¼ in., cast brass, ship finish brass pin, w't per doz. prs. 4½ lbs., per dozen pairs $6.50

ONE DOZEN PAIRS IN A BOX.

No. 420—1¼ × 2¼ in., polished stamped brass, brass pin, *without screws*, w't per doz. prs. ½ lb., per dozen pairs $1.50

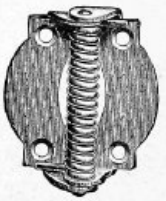
No. 430—1¾ × 3 in., polished stamped brass, brass pin, *without screws*, w't per doz. prs. 1¼ lbs.....per dozen pairs 2.00

No. OC420—1¼×2¼ in., polished old copper plated brass, *with screws*, w't per doz. prs. ½ lb.....per dozen pairs 2.00

No. OC430—1¾×3 in., polished old copper plated brass, *with screws*, w't per doz. prs. 1¼ lbs.....per dozen pairs 2.50

THREE DOZEN PAIRS IN A BOX.

SHOW CASE HINGES.

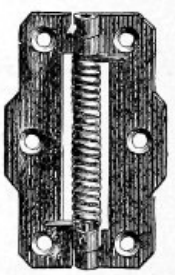


No. 1—2 in., wrought iron, brass spring, w't per doz. prs. 2 lbs., per dozen pairs..... $1.50

No. 6—2 in., wrought brass, brass spring, w't per doz. prs. 2 lbs., per dozen pairs..... 3.75

HALF DOZEN PAIRS IN A BOX.

SPRING HINGES.



ACME, Single Action.

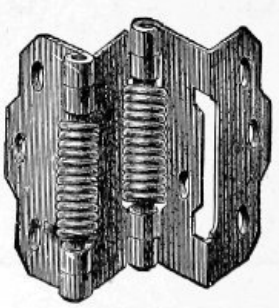
No. 3—3 in., steel, walnut bronzed, w't per doz. prs. 2½ lbs., per dozen pairs..... $2.25

No. 702—2½ in., brass, w't per doz. prs. 1¼ lbs.....per dozen pairs 4.00

No. 703—3 in., brass, w't per doz. prs. 1¾ lbs.....per dozen pairs 5.40

No. 705—5 in., brass, w't per doz. prs. 3 lbs.....per dozen pairs 9.50

NO. 3, ONE DOZEN; BALANCE, HALF DOZEN PAIRS IN A BOX.



ACME, Double Action.

No. 13—3 in., steel, walnut bronzed, w't per doz. prs. 6 lbs., per dozen pairs..... $ 4.50

No. 712—2½ in., brass, w't per doz. prs. 6 lbs.....per dozen pairs 8.00

No. 713—3 in., brass, w't per doz. prs. 7 lbs.....per dozen pairs 10.00

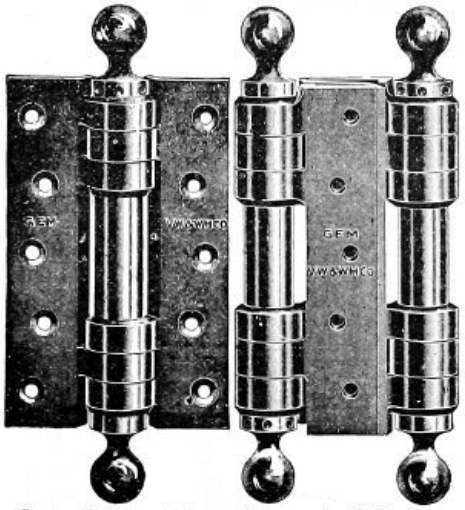
No. 715—5 in., brass, w't per doz. prs. 12 lbs.....per dozen pairs 18.00

Adapted for light doors or gates not to exceed 1¼ in. in thickness.

NO. 13, ONE DOZEN; BALANCE, HALF DOZEN PAIRS IN A BOX.

SPRING HINGES.

GEM CAST SPRING HINGES.



Cast, Single Action, Japanned, Ball Tips.			
Nos.	**62½**	**63**	**64**
Length of flanges	3	3½	4 in.
Size of door	6×2	6×2	7×2 ft.
Thickness of door	¾ to ⅞	¾ to 1⅛	1 to 1¾ in.
W't per pair	1½	2	3 lbs.
Per pair	$0.70	.75	.85
Nos.		**65**	**66**
Length of flanges		5	6 in.
Size of door		7×2¼	7×2½ ft.
Thickness of door		1 to 1½	1 to 1¾ in.
W't per pair		4	5 lbs.
Per pair		$1.10	1.50

ONE PAIR IN A BOX, WITH SCREWS.

Double Action, Japanned, Ball Tips.			
Nos.	**82**	**83**	**84**
Flanges	3	3½	4 in.
Size of door	6×2	6×2	7×2 ft.
Thickness of door	¾ to ⅞	¾ to 1⅛	1 to 1⅜ in.
W't per pair	3	3½	5 lbs.
Per pair	$1.35	1.50	1.65
Nos.	**85**	**86**	**87**
Flanges	5	6	7 in.
Size of door	7×2¼	7×2½	8×2½ ft.
Thickness of door	1 to 1½	1 to 1¾	1¼ to 2 in.
W't per pair	7½	10	12 lbs.
Per pair	$2.10	2.90	3.75

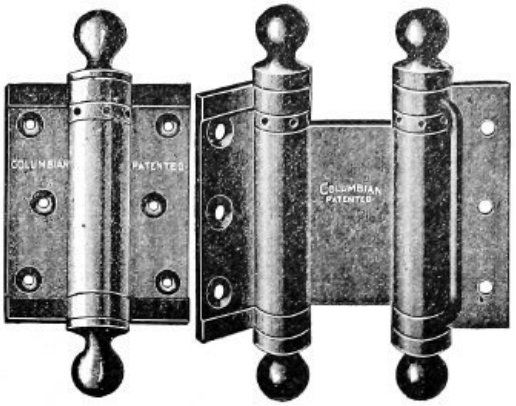
Double Action, Bronze Plated, Ball Tips.		
Nos.	**2884**	**2885**
Length of flanges	4	5 in.
Size of door	7×2	7×2¼ ft.
Thickness of door	1 to 1⅜	1 to 1½ in.
W't per pair	5	7½ lbs.
Per pair	$2.00	2.60
Nos.	**2886**	**2887**
Length of flanges	6	7 in.
Size of door	7×2½	8×2½ ft.
Thickness of door	1 to 1¾	1¼ to 2 in.
W't per pair	10	12 lbs.
Per pair	$3.60	4.60

Double Action, Old Copper Finish, Ball Tips.		
Nos.	**2684**	**2685**
Length of flanges	4	5 in.
Size of door	7×2	7×2¼ ft.
Thickness of door	1 to 1⅜	1 to 1½ in.
W't per pair	5	7½ lbs.
Per pair	$2.35	2.90
Nos.	**2686**	**2687**
Length of flanges	6	7 in.
Size of door	7×2½	8×2½ ft.
Thickness of door	1 to 1¾	1¼ to 2 in.
W't per pair	10	12 lbs.
Per pair	$4.10	5.25

The largest hinges that the thickness of the door will permit will work the best.

ONE PAIR IN A BOX, WITH SCREWS.

COLUMBIAN STEEL SPRING HINGES.



Single Action, Japanned, Ball Tips.			
Nos.	**173**	**174**	**175**
Flanges	3½	4½	5½ in.
Size of door	6×2	7×2	7×2¼ ft.
Thickn's of door	¾ to 1⅛	1 to 1⅜	1 to 1½ in.
W't per pair	2	3	4 lbs.
Per pair	$1.35	1.65	2.10
Nos.	**176**	**177**	**178**
Flanges	6½	7¼	8½ in.
Size of door	7×2½	8×2½	8×3 ft.
Thickn's of door	1 to 1¾	1¼ to 2	1½ to 2½ in.
W't per pair	5	6	7½ lbs.
Per pair	$2.95	3.85	5.40

Single Action, Polished Old Copper Finish, Ball Tips.			
Nos.	**1673**	**1674**	**1675**
Per pair	$1.95	2.30	3.00
Nos.	**1676**	**1677**	**1678**
Per pair	$4.15	5.35	7.50

Dimensions same as above.

Single Action, Bronze Plated, Ball Tips.			
Nos.	**1873**	**1874**	**1875**
Per pair	$1.65	1.95	2.65
Nos.	**1876**	**1677**	**1878**
Per pair	$3.60	4.65	6.65

Dimensions same as above.

Double Action, Japanned, Ball Tips.			
Nos.	**193**	**194**	**195**
W't per pair	3½	5	7½ lbs.
Per pair	$2.70	3.30	4.20
Nos.	**196**	**197**	**198**
W't per pair	10	12	14½ lbs.
Per pair	$5.80	7.50	10.80

Dimensions same as above.

Double Action, Polished Old Copper Finish, Ball Tips.			
Nos.	**1693**	**1694**	**1695**
Per pair	$3.60	4.65	5.80
Nos.	**1696**	**1697**	**1698**
Per pair	$8.20	10.50	15.00

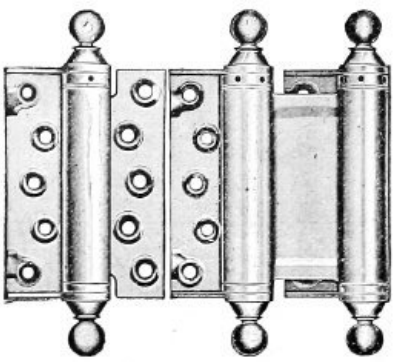
Dimensions same as above.

Double Action, Plain Bronze Plated, Ball Tips.			
Nos.	**1893**	**1894**	**1895**
Per pair	$3.30	4.00	5.20
Nos.	**1896**	**1897**	**1898**
Per pair	$7.20	9.15	13.35

Dimensions same as above.

ONE PAIR IN A BOX, WITH SCREWS.

CHICAGO TRIPLE END SPRING HINGES.



No. 2002—Single Action, Wrought Steel, Japanned.		
Thickness of doors	**¾ to 1**	**⅞ to 1¼ in.**
Length bet. tips	3	4 in.
W't per pair	1	1¾ lbs.
Per pair	$1.00	1.25
Thickness of doors	**1⅛ to 1½**	**1¼ to 1¾ in.**
Length bet. tips	5	6 in.
W't per pair	2¼	4 lbs.
Per pair	$1.60	2.25
Thickness of doors	**1⅜ to 2**	**1½ to 2¼ in.**
Length bet. tips	7	8 in.
W't per pair	5	7¾ lbs.
Per pair	$2.90	4.10

No. 2172—Single Action, Wrought Steel, Old Copper Finish.		
Thickness of doors	**¾ to 1**	**⅞ to 1¼ in.**
Length bet. tips	3	4 in.
W't per pair	1	1¾ lbs.
Per pair	$1.50	1.75
Thickness of doors	**1⅛ to 1½**	**1¼ to 1¾ in.**
Length bet. tips	5	6 in.
W't per pair	2¼	4 lbs.
Per pair	$2.25	3.10
Thickness of doors	**1⅜ to 2**	**1½ to 2¼ in.**
Length bet. tips	7	8 in.
W't per pair	5	7¾ lbs.
Per pair	$4.00	5.60

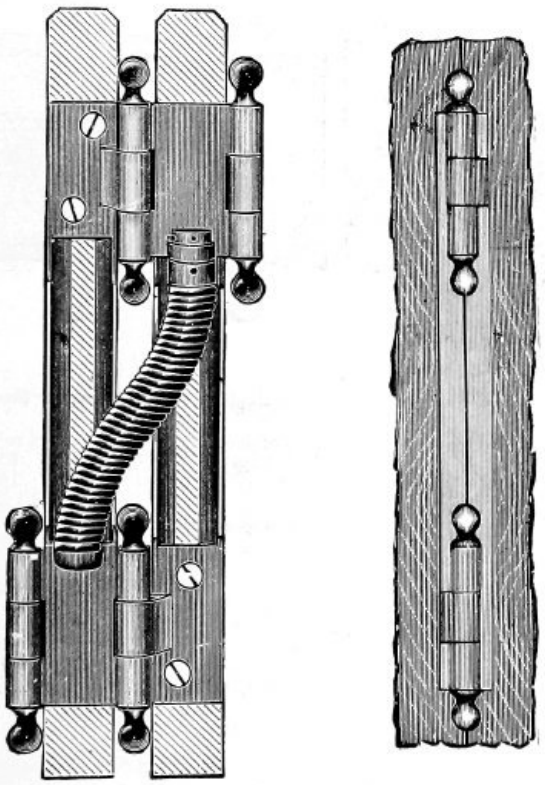
No. 2001—Double Action, Wrought Steel, Japanned.		
Thickness of doors	**¾ to 1**	**⅞ to 1¼ in.**
Length bet. tips	3	4 in.
W't per pair	2	3 lbs.
Per pair	$2.00	2.50
Thickness of doors	**1⅛ to 1½**	**1¼ to 1¾ in.**
Length bet. tips	5	6 in.
W't per pair	4¼	6½ lbs.
Per pair	$3.15	4.40
Thickness of doors	**1⅜ to 2**	**1½ to 2¼ in.**
Length bet. tips	7	8 in.
W't per pair	8½	13 lbs.
Per pair	$5.60	8.10

No. 2171—Double Action, Wrought Steel, Old Copper Finish.		
Thickness of doors	**¾ to 1**	**⅞ to 1¼ in.**
Length bet. tips	3	4 in.
W't per pair	2	3 lbs.
Per pair	$2.75	3.50
Thickness of doors	**1⅛ to 1½**	**1¼ to 1¾ in.**
Length bet. tips	5	6 in.
W't per pair	4¼	6½ lbs.
Per pair	$4.40	6.10
Thickness of doors	**1⅜ to 2**	**1½ to 2¼ in**
Length bet. tips	7	8 in.
W't per pair	8½	13 lbs.
Per pair	$7.90	11.25

ONE PAIR IN A BOX, WITH SCREWS.

CHICAGO SPRING AND BLANK BUTTS.

SPRING BUTTS.



Japanned, Double Acting.

No. 1½—Door,	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½ in.
W't per pair, -	4½	6	10	16	30 lbs.
Per pair, - -	$1.30	1.60	2.60	4.00	7.50
Springs, - each,	.30	.30	.42	.50	

ONE PAIR IN A BOX.

Bronze Plated, Double Acting, Unpolished.

No. 131½—Door,	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½ in.
W't per pair, -	4½	6	10	16	30 lbs.
Per pair, -	$1.60	1.95	3.20	4.90	9.00

ONE PAIR IN A BOX.

Old Copper Finish, Double Acting.

No. 171½—Door,	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½ in.
W't per pair, -	4½	6	10	16	30 lbs.
Per pair, -	$2.25	2.65	3.75	5.75	10.00

ONE PAIR IN A BOX.

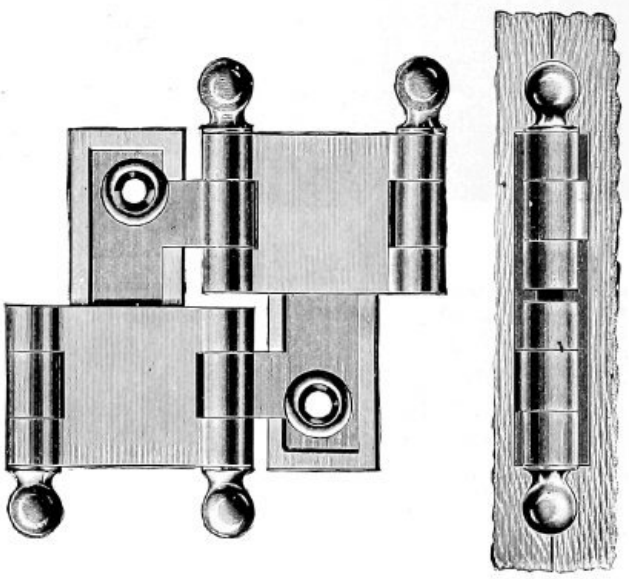
Sand Blast Old Copper Finish, Double Acting.

No. 181½—Door,	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½ in.
W't per pair, -	4½	6	10	16	30 lbs.
Per pair, -	$2.40	3.00	4.00	6.50	12.25

ONE PAIR IN A BOX.

When applied to the door, the spring of this style is concealed when closed. The spring has a purchase power in closing the door.

BLANK BUTTS.



Japanned, Double Acting.

No. 3½—Door,	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½ in.
W't per pair, -	1½	1¾	2½	3½	5½ lbs.
Per pair, -	$0.65	.80	1.30	2.00	3.75

THREE PAIRS IN A BOX.

Bronze Plated, Double Acting, Unpolished.

No. 133½—Door,	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½ in.
W't per pair, -	1½	1¾	2½	3½	5½ lbs.
Per pair, -	$0.80	1.00	1.60	2.45	4.50

THREE PAIRS IN A BOX.

Old Copper Finish, Double Acting.

No. 173½—Door,	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½ in.
W't per pair, -	1½	1¾	2½	3½	5½ lbs.
Per pair, -	$1.15	1.35	1.90	2.90	5.00

THREE PAIRS IN A BOX.

Sand Blast Old Copper Finish, Double Acting.

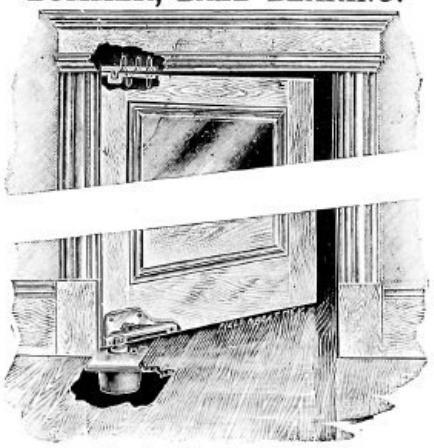
No. 183½—Door,	⅞ to 1	1⅛ to 1¼	1⅜ to 1½	1¾ to 2	2¼ to 2½ in.
W't per pair, -	1½	1¾	2½	3½	5½ lbs.
Per pair, -	$1.20	1.50	2.00	3.25	6.15

THREE PAIRS IN A BOX.

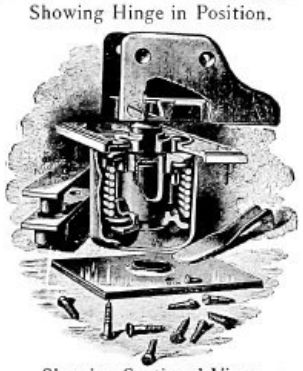
To economize for light doors, put a spring butt at the top and a blank butt at the bottom of the door. Never use a blank on outside doors, as it takes the full power of two springs to hold door against draft. Always put it below the spring butt.

DOUBLE ACTING FLOOR HINGES.

BOMMER, BALL BEARING.



Showing Hinge in Position.



Showing Sectional View.

Japanned, Dead Black Finish.

Nos.	2	4
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	6 1/2	8 3/4 lbs.
Per set	$2.35	2.90

Bronze Plated, Unpolished.

Nos.	452	454
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	6 1/2	8 3/4 lbs.
Per set	$2.90	3.50

Old Copper Finish, Unpolished.

Nos.	302	304
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	6 1/2	8 3/4 lbs.
Per set	$3.15	3.80

Dull or Lemon Brass Finish, Unpolished.

Nos.	DB302	DB304
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	6 1/2	8 3/4 lbs.
Per set	$3.15	3.80

Antique Brass Finish, Unpolished.

Nos.	AB302	AB304
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	6 1/2	8 3/4 lbs.
Per set	$3.15	3.80

Sand Blast Old Copper Finish, Polished.

Nos.	252	254
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	6 1/2	8 3/4 lbs.
Per set	$3.75	3.90

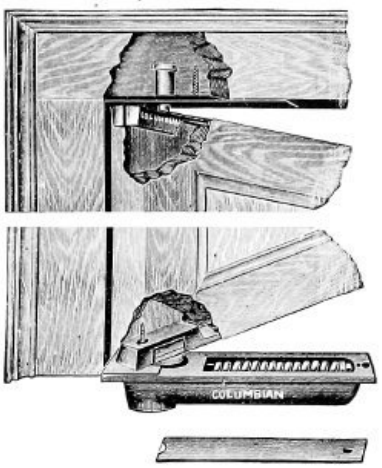
Old Copper Finish, Polished.

Nos.	352	354
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	6 1/2	8 3/4 lbs.
Per set	$4.00	4.35

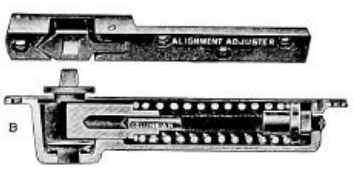
The tension is easily adjusted while hinge is in place. Raised ball bearings are near floor, giving easy movement, great durability and balanced power. Being elevated on center post and covered by hollow spindle, the ball bearing is protected from water, dirt and grit. Has broad top bearing plate, giving screws a good hold on flooring.

ONE SET IN A BOX WITH SCREWS AND WRENCH.

COLUMBIAN, BALL BEARING.



Showing Hinge Attached to Door.



Showing Floor Box.

Japanned.

Nos.	01	02
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	4 3/4	5 1/4 lbs.
Per set	$3.90	4.80

Bronze Plated.

Nos.	811	812
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	4 3/4	5 1/4 lbs.
Per set	$4.80	5.85

Old Copper Finish.

Nos.	611	612
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	4 3/4	5 1/4 lbs.
Per set	$5.10	6.25

Sand Blast Old Copper Finish.

Nos.	1211	1212
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	4 3/4	5 1/4 lbs.
Per set	$6.30	6.45

Dull or Lemon Brass Finish.

Nos.	2111	2112
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	4 3/4	5 1/4 lbs.
Per set	$5.10	6.25

Shaded Antique Brass Finish.

Nos.	2211	2212
Door, thickness	7/8 to 1 1/2	1 3/8 to 2 in.
W't per set	4 3/4	5 1/4 lbs.
Per set	$5.10	6.25

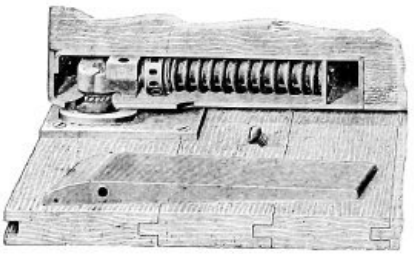
The Columbian Floor Spring Hinge will HOLD BACK AT AN ANGLE OF 90 DEGREES. To remove door swing open until th slot of top part is exposed as shown, then by inserting a knife blade, the loose top pivot may be raised and the door removed without taking off any part of the hinge or disturbing its tension.

The Floor Box is only 1 3/4 inches deep so that it may be set over an I beam or over a joist without cutting into it. To adjust tension of hinge for an unusually heavy or light door, remove top plate, turn the ratchet and the desired tension may be secured without removing door or hinge.

There are no side plates to disfigure the door and all parts which set in the door are invisible. The floor box is just the width of a strip of hardwood flooring and is covered when the door is closed.

ONE SET IN A BOX, WITH SCREWS.

SHELBY CHIEF, BALL BEARING.



Showing Hinge in Position.

Japanned.

Nos.	20	40
Door, thickness	1 1/8 to 1 1/2	1 3/4 to 2 in.
W't per set	4 1/4	6 lbs.
Per set	$2.80	3.50

Bronze Plated.

Nos.	120	140
Door, thickness	1 1/8 to 1 1/2	1 3/4 to 2 in.
W't per set	4 1/4	6 lbs.
Per set	$3.50	4.20

Old Copper Finish.

Nos.	42	44
Door, thickness	1 1/8 to 1 1/2	1 3/4 to 2 in.
W't per set	4 1/4	6 lbs.
Per set	$3.75	4.55

Dull Brass or Lemon Finish.

Nos.	15	17
Door, thickness	1 1/8 to 1 1/2	1 3/4 to 2 in.
W't per set	4 1/4	6 lbs.
Per set	$3.75	4.55

All the working parts of this hinge are set in the door. This is done by sawing out a square cut at bottom corner of door, no mortising required. When the hinge is in place, the door is then placed in upright position with its opposite edge placed to center of jamb or opposite door (where double doors are used) thus getting the door in line before the base plate is screwed fast to floor. As only the plate rests on the surface, all possibility of injury to the mechanism is eliminated. The Shelby Hinge is also adapted for use on marble, tile, cement or concrete floors or where steel beams are in the way, no metal box being required.

The tension of the spring can be regulated at any time after the door has been hung.

ONE SET IN A BOX, WITH SCREWS.

SCREEN DOOR HINGES.

No. 7—CLOVER LEAF, 3x2½ in., japanned, single action, hold back, w't per doz. prs. 10 lbs., per dozen pairs..... $1.50

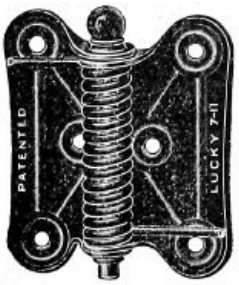
ONE DOZEN PAIRS IN A BOX; SIX DOZEN PAIRS IN A CASE.

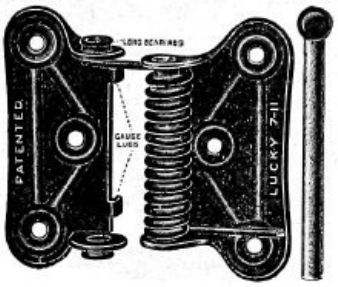
No. 4—IDEAL, 3x3 in., japanned, single action, hold back, w't per doz. prs. 10 lbs.....per dozen pairs $1.50

HALF DOZEN PAIRS IN A BOX; SIX DOZEN PAIRS IN A CASE.

No. 60—COLUMBIAN, 2⅝x2¾ in., japanned steel, single action, hold back, w't per doz. prs. 6½ lbs., per dozen pairs..... $3.00

HALF DOZEN PAIRS IN A BOX; SIX DOZEN PAIRS IN A CASE.



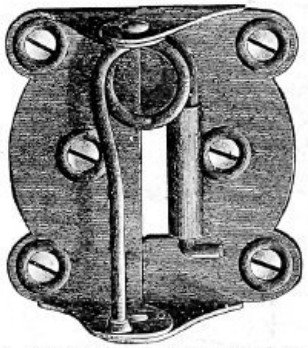


No. 711—LUCKY, 3x2½ in., loose pin, detachable, non-hold back, japanned, w't per doz. prs. 6¼ lbs., per dozen pairs..... $1.35

The loose pin permits the door to be taken down without the use of any tools.

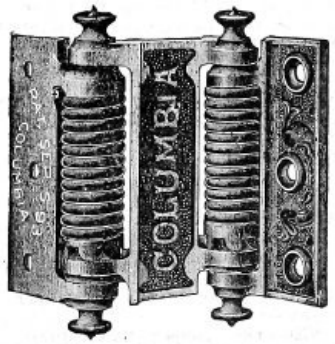
The pin passing through the four long drawn bearings allows absolutely free action.

ONE DOZEN PAIRS IN A BOX; ONE GROSS PAIRS IN A CASE.



No. 777—BUCKEYE, 3x2¼ in., japanned, steel, hold back, w't per doz. prs. 6½ lbs.....per dozen pairs $1.50

ONE DOZEN PAIRS IN A BOX; ONE GROSS PAIRS IN A CASE.

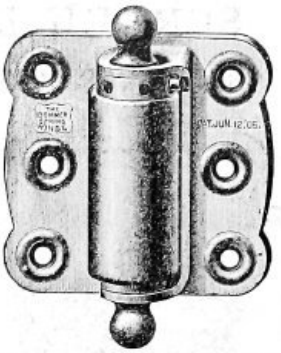


Mortise, Double Action.

No. 27—COLUMBIA, 3 in., japanned, w't per doz. prs. 18 lbs., per dozen pairs $5.50

No. 28—COLUMBIA, 4 in., japanned, w't per doz. prs. 30 lbs., per dozen pairs 9.00

ONE-THIRD DOZEN PAIRS IN A BOX.



No. B2000—3x3 in., planished steel, japanned, w't per pr. ¼ lbs., per pair..... $0.90

No. B2001—Planished steel, bronze plated, otherwise same as No. B2000.....per pair 1.10

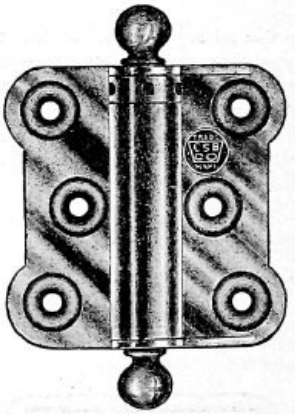
No. B2002—Planished steel, old copper finish.....per pair 1.30

No. B2003—Planished steel, dull brass finish .....per pair 1.30

This hinge is made of heavy metal and is extremely durable. It has an adjustable tension and enclosed spiral coil spring.

The tension of the spring can be regulated to close the door slow or fast after the hinge is fixed to the door.

ONE PAIR IN A BOX, WITH SCREWS.



No. 3005—3 in., heavy wrought steel, japanned, adjustable tension, w't per pr. ½ lb.....per pair $0.60

No. 3135—Bronze plated, otherwise same as No. 3005 .....per pair .75

No. 3175—Old copper finish, otherwise same as No. 3005.....per pair .90

No. 3285—Dull brass, otherwise same as No. 3005.....per pair .90

ONE PAIR IN A BOX, WITH SCREWS.

No. 900—2¾x2¾ in., wrought steel, japanned, w't per doz. prs. 7½ lbs., per dozen pairs..... $1.50

No. 902—Bronze plated, with screws to match, otherwise same as No. 900, per dozen pairs..... 2.80

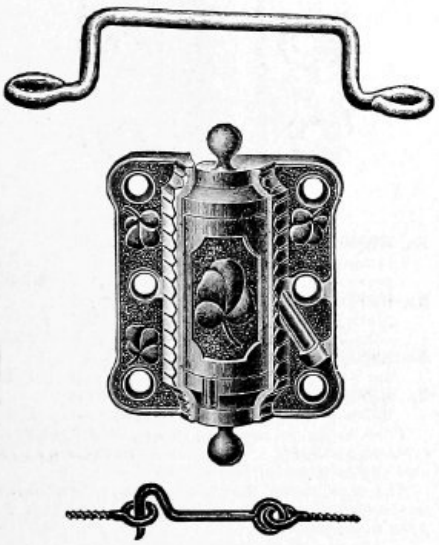
No. 903—Old copper finish, otherwise same as No. 900....per dozen pairs 3.20

This is a well made durable hinge of neat appearance, having spiral coil spring enclosed.

ONE DOZEN PAIRS IN A BOX.

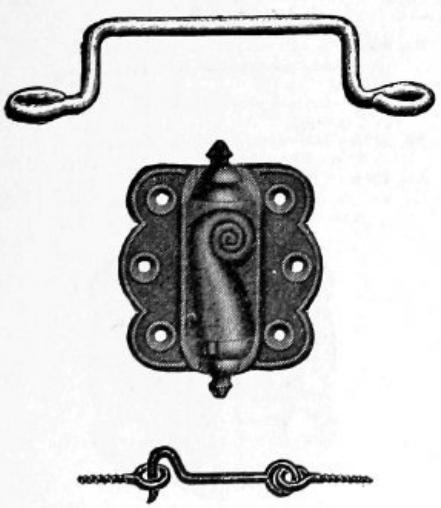
SCREEN DOOR SETS, LATCHES AND CATCHES.

SCREEN DOOR SETS.



No. 7S—Comprising one pair of No. **7** Clover Leaf spring hinges with screws, one 2½ in. bright wire hook and eye, and one 5 in. japanned door pull, w't per doz. sets 12 lbs., per dozen sets..... $2.25

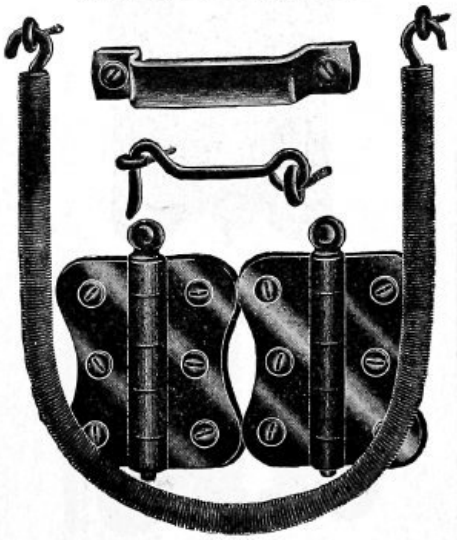
ONE SET IN A BOX.



No. 44S—Comprising one pair No. 4 3x3 in. Ideal Hinges, one 2½ in. bright wire screw hook and eyes and 5 in. japanned steel door pull with screws, w't per doz. sets 10 lbs., per dozen sets..... $2.00

ONE SET IN A BOX.

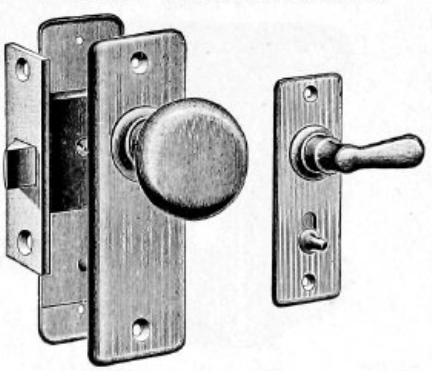
SCREEN DOOR SETS.



No. 1750—Comprising one pair loose pin, ball tipped japanned steel butts, 3x2½ in., one No. 4 japanned Perfect coil door spring with eyes, one 3½ in. japanned steel door pull, one 2½ in. japanned gate hook and eye, w't per doz. sets 10 lbs., per dozen sets $3.00

ONE SET IN A BOX.

SCREEN DOOR LATCHES.



Mortise, With Stop.

No. P120—Polished bronze plated steel, size of case 1⅜x1¾ in., ½ in. thick, size of front 1 1/16x2⅝ in., for ⅞ to 1¼ in. doors, backset 1¼ in., ⅜ in. spindle, lever handle for inside, knob for outside, per dozen sets $14.40

No. OC120—Polished old copper finish steel, otherwise same as No. P120, per dozen sets..... 15.60

No. SC120—Sand blast old copper finish steel, otherwise same as No. P120, per dozen sets..... 16.80

No. DB120—Dull or lemon brass finish, otherwise same as No. P120, per dozen sets..... 16.80

No. AB120—Shaded antique brass finish, otherwise same as No. P120, per dozen sets..... 18.00

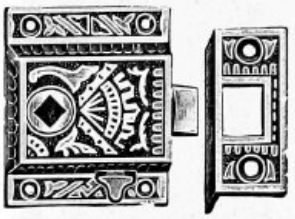
No. P20—Polished cast bronze metal, otherwise same as No. P120, per dozen sets..... 20.40

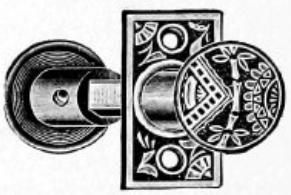
No. OC20—Old copper finish brass, otherwise same as No. P120, per dozen sets..... 22.00

No. DB20—Dull or lemon brass finish, otherwise same as No. P120, per dozen sets..... 22.00

ONE SET IN A BOX, WITH SCREWS; WEIGHT ¾ LB. PER SET.

SCREEN DOOR CATCHES.



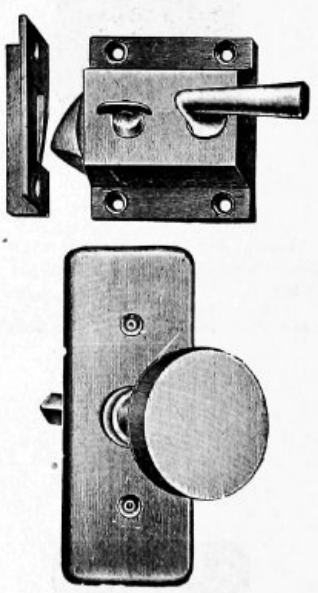


For Doors ⅞ to 1⅜ Inches Thick.

No. 3052—2¼x1⅞ in., enameled iron, with knobs and stop on latch, w't per doz. 7¼ lbs. .....per dozen $2.80

No. B115—2¼x1⅞ in., bronze plated No. 3 finish, with knobs and stop on latch, w't per doz. 7½ lbs., per dozen..... 6.30

HALF DOZEN IN A BOX, WITH SCREWS.



With Knob and Lever Handle, Reverse Bevel Bent Strike, with Stop, for ⅞ to 1¼ Inch Doors.

No. P115—Polished bronze plated iron, per dozen..... $13.00

No. OC115—Polished old copper iron, per dozen..... 14.00

No. SC115—Sand blast old copper finish iron.....per dozen 14.30

No. DB115—Dull or lemon brass finish, per dozen..... 14.00

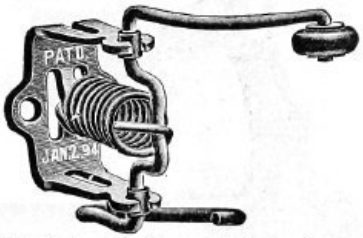
No. AB115—Shaded antique brass iron, per dozen..... 15.00

No. P15—Polished cast bronze metal, per dozen..... 19.50

HALF DOZEN IN A BOX, WITH SCREWS; WEIGHT 8 LBS. PER DOZEN

DOOR CATCHES, SPRINGS AND BRACES.

SCREEN DOOR CATCHES.

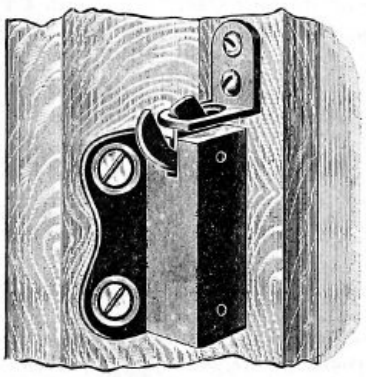


No. 00—Automatic, japanned steel, rubber roller, with door plate, w't per doz. 1¾ lbs. .....per dozen $3.50

Applied on the door casing at the opening side of the door and can be placed anywhere along on the casing where it is necessary to bring a pressure on the door to force it closed. Remains open until the lower projection is struck by the door, releasing the spring and throwing the rubber roller against the outside of the door. Does not hinder the opening of door, and is reversible.

ONE DOZEN IN A BOX.

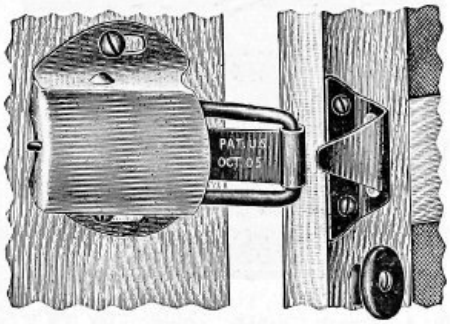
AUTOMATIC DOOR CATCHES.



No. 50—Watrous, japanned steel with coil spring, w't per doz. 1¾ lbs., per dozen..... $1.75

For storm doors, screen doors, office gates, cupboard doors. etc. Holds the door tight shut and prevents standing ajar or sagging open at the top. It does not show from the outside.

ONE DOZEN IN A BOX.



No. 60—Best, 2 in., steel, japanned, w't 1¾ lbs. .....per dozen $2.50

No. 70—Old copper finish, otherwise same as No. 60, w't per doz. 1¾ lbs., per dozen..... 3.00

For screen, storm, store, closet or pantry doors, whether light or heavy.

Has nearly 2 in. positive pull. Works directly, smoothly and evenly, and can be attached either outside or inside the door. Holds door securely against drafts. Prevents warping and rebounding.

ONE DOZEN IN A BOX.

DOOR SPRINGS.

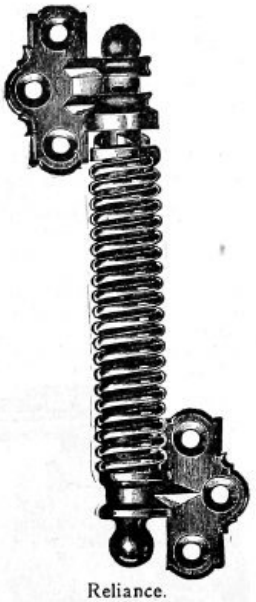
Star.

No. S9—Star, 9x¾ in., spiral, japanned, for screen doors, w't per doz. 5½ lbs..per dozen $1.50

No. S7—Star, 11x⅞ in., spiral, japanned, for heavy doors, w't per doz.8 lbs.....per dozen 2.25

No. S6—Star, 12x1⅛ in., spiral, japanned, for gates, w't per doz. 8 lbs.....per dozen 3.00

ONE DOZEN IN A BOX.

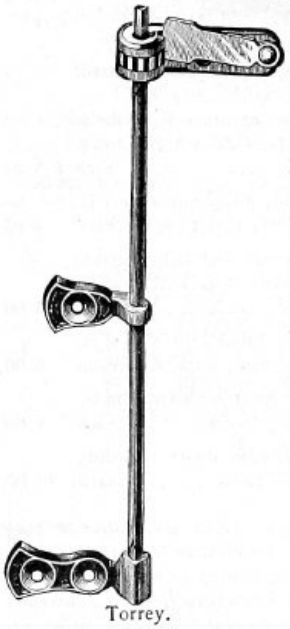


Reliance.

No. 270—Reliance, 8 in., extra quality, japanned, blued spring, w't per doz. 12 lbs. per dozen.. $2.25

No. 271—Reliance, 10 in., extra heavy quality, japanned, blued spring, w't per doz. 22 lbs., per dozen $3.50

HALF DOZEN IN A BOX.



Torrey.

No. 39 — Torrey's, 39 in. steel rod, w't per doz. 3½ lbs., per dozen $3.75

Extra Brackets for Torrey's Rods, per dozen $3.00

ONE DOZEN IN A BOX.

GATE SPRINGS.

No. 15—1x16 in., japanned, w't per doz. 14 lbs.... .....per dozen $4.50

HALF DOZEN IN A BOX.

PERFECT DOOR SPRINGS.

Crucible Steel Wire, with Hooks.

No. 1—17/64 x 16⅝ in., No. 20 wire, japanned, for screen doors,...per dozen $0.85

No. 2—5/16 x 16⅝ in., No. 19 wire, japanned, for medium doors, per dozen .95

No. 3—23/64 x 16⅝ in., No. 18 wire, japanned, for heavy doors ...per dozen 1.05

No. 4—⅜ x 16⅝ in., No. 17 wire, japanned, for extra heavy doors, per dozen..... 1.20

No. 5—13/32 x 16⅝ in., No. 16 wire, japanned, for extra heavy doors, per dozen..... 1.50

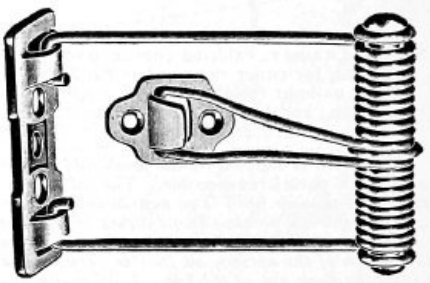
No. 6—½x16⅝ in., No. 16 wire, japanned, for extra heavy doors, per dozen..... 1.65

No. 7—9/16x16⅝ in., No. 15 wire, japanned, for extra heavy doors, per dozen..... 1.80

No. 03—23/64x16⅝ in., No. 16 wire, *nickel plated*,.....per dozen 1.65

ONE DOZEN IN A BOX.

WARNER DOOR SPRINGS.

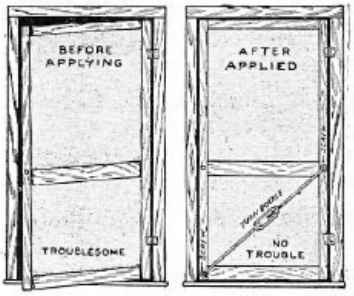


No. 11—5½x3 in., coppered, for screen doors, w't per doz. 4½ lbs.per dozen $1.75

No. 13—6½x3½ in., coppered, for heavy doors, w't per doz. 5¼ lbs.per dozen 3.30

ONE DOZEN IN A BOX. HALF GROSS IN A CASE

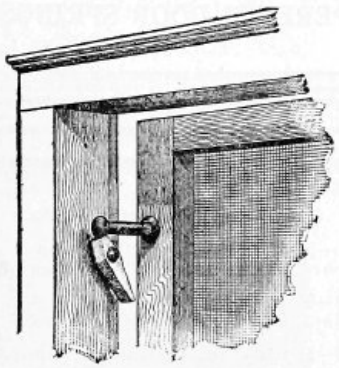
SCREEN DOOR BRACES.



No. 40—Anti-Sag, coppered wire, malleable iron turn-buckle, length 44 in., w't per doz. 2¾ lbs.per dozen $2.25

ONE DOZEN IN A BOX, WITH SCREWS.

DOOR CHECKS.

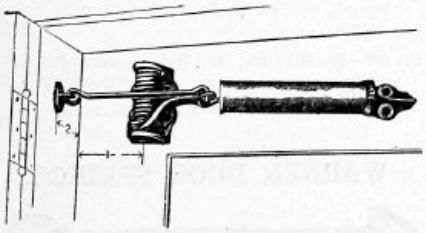


For Screen Doors Only.

No. 10—2¼ in. enameled screw knob, 2¼ in. soft rubber stop, 1¾ in. round head blued screw, w't per doz. 2 lbs.....per dozen $1.50

When the door is closed it throws the rubber against the door and then drops to a perpendicular position. Complete directions and diagram are packed with each check.

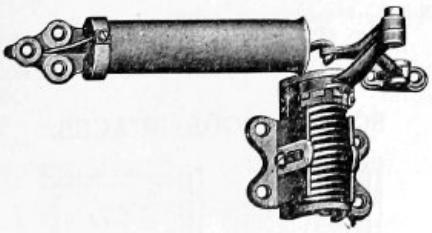
ONE DOZEN IN A BOX.



No. L0—LARIMER, oxidized copper, unpolished, for either right or left hand screen or light inside doors not over 2 ft. 8 in., and ½ in. thick, w't 2 lbs., each..... $1.25

This check is adapted for the jamb side of door only. All parts are reversible. The valve principle and plunger head is so simple in construction that there is nothing about it that can get out of order. If desirous of releasing the door from the action of the spring, all that is necessary is to lift the hook out of the eye. It is easily applied and perfectly adjustable.

ONE IN A BOX.



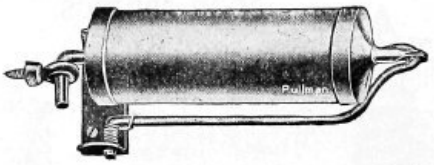
LARIMER, Oxidized Copper, Unpolished, for Either Right or Left Hand Doors.

No. L1—For heaviest inside doors not over 2 ft. 8 in. wide, w't 4¼ lbs..each $2.50

No. L2—For heaviest outside doors, w't 6¾ lbs.....each 3.50

These checks and springs apply to hinge side of door only. All parts are reversible excepting coil spring, which is made right and left, one each of which is furnished with each check.

ONE IN A BOX.



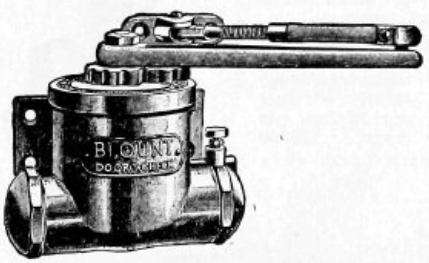
PULLMAN, Pneumatic For Screen Doors Only.

No. 15—Wrought steel, 3¾x1¼ in. brass cylinder, w't per doz. 6 lbs., per dozen $9.00

This is a door check, not a door closer, nor a door spring. Can be used with any kind of screen door spring or spring hinge with perfect satisfaction. It is easily applied, does not require any mortise. Can be placed on either right or left hand screen door without any changing of parts.

Each check is thoroughly tested before packing, and packed with screws and directions.

ONE IN A BOX, WITH SCREWS.



BLOUNT, Liquid, Gold Bronzed.

No. 1—For screen or other light doors not over 2 ft. 6 in. wide by 1¼ in. thick, w't 5 lbs.....each $3.25

No. 2—For outside doors not over 3 ft. wide by 1½ in. thick, w't 7½ lbs. each 4.25

No. 3—For vestibule and light outside doors not over 2 ft. 6 in. wide by 2 in thick, w't 9 lbs.....each 5.00

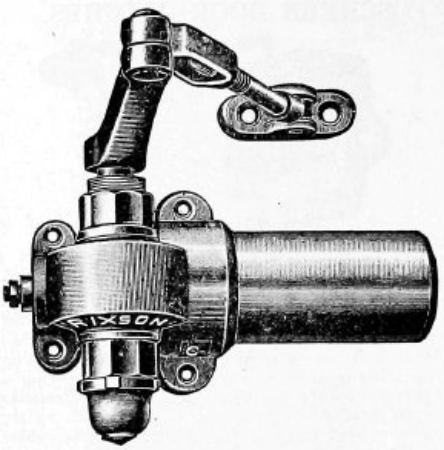
No. 4—For outside doors not over 3 ft. wide by 2½ in. thick, w't 12 lbs..each 6.00

No. 5—For doors not over 4 ft. wide by 2½ in. thick, w't 16 lbs.....each 8.00

No. 6—For extra heavy doors, requiring great power, w't 19 lbs.....each 10.00

While these door checks are reversible, they should be ordered for right or left hand doors as wanted. Compact, and of exceedingly neat appearance, simple in construction, and therefore never out of order, absolutely self-lubricating, reducing friction to a minimum, quickly and easily attached by any one. Adjustable to right and left hand doors with flush or projecting trim. Checking power perfectly adjustable by simple regulator; impossible for it to bind, owing to ball and socket joint of extension arms.

ONE IN A WOODEN BOX.



RIXSON, Liquid, Gold Bronzed, for Either Right or Left Hand Doors.

No. A—For inside doors not over 2 ft. 8 in. x7 ft., w't 8 lbs.....each $4.25

No. B—For vestibule and light outside doors not over 2 ft. 6 in. x7 ft., w't 9 lbs.....each 5.00

No. C—For outside doors not over 3x 7 ft. 6 in., w't 10 lbs.....each 6.00

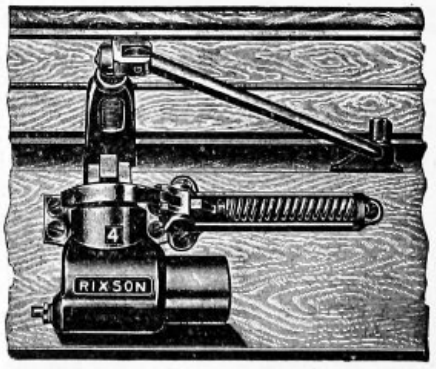
No. D—For doors not over 4x7 ft. 6 in., w't 11½ lbs.....each 8.00

No. E—For extra heavy doors, w't 12½ lbs.....each 10.00

It is adapted to right or left-hand doors without any change in the mechanism.

The spring may be broken in several parts, yet remain effective, an important feature.

ONE IN A BOX.

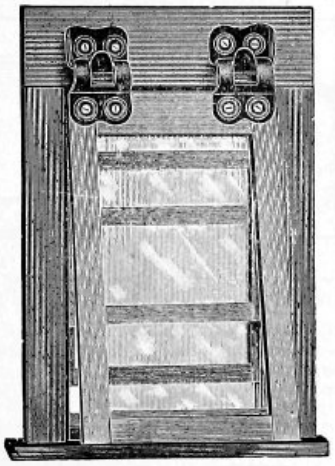


No. 4—RIXSON, double acting, gold bronzed steel, drop forged spindle, seamless pressed steel tube, for double acting doors not over 4x7 ft. 6 in. wide, w't 8¼ lbs.....each $8.50

This check has no spring and is to be used only on double acting doors, equipped with spring hinges. It stops the door absolutely at the center and stops all swinging which in double acting doors is so annoying and dangerous.

ONE IN A BOX.

STORM SASH AND WINDOW SCREEN HANGERS.

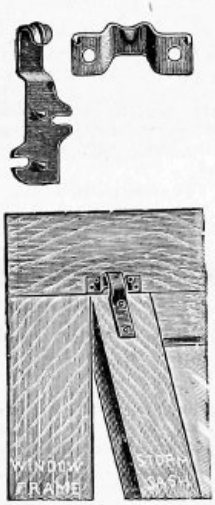


Gossett, wrought steel, japanned, w't per doz. prs. 2½ lbs., per dozen pairs $1.50

Gossett Lower Sections, for hinge, to make screen and storm sash interchangeable, w't per doz. prs. 1½ lbs., per dozen pairs ..... .80

These hangers have guide flange, a feature which no other hanger has, which brings the screen or storm sash into proper place and makes it possible to hang them from within the building. Being fastened to the top of the screen, they admit of no sagging, as when hinged on the side.

ONE DOZEN PAIRS IN BOX, WITH SCREWS.

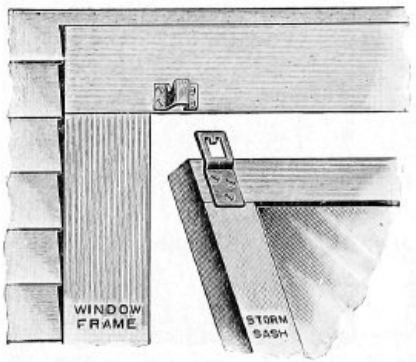


No. 019—SENSIBLE, malleable iron, japanned, w't per doz. sets 2¾ lbs., per dozen sets..... $2.00

Extra Hooks, for attaching to screens, to interchange with storm sash, w't per doz. prs. 1¾ lbs., per dozen pairs 1.00

The storm sash or screen can be hung easily from the inside of the house. The peculiar construction forms an absolute lock and prevents the window from being blown off. A set does not include fasteners.

ONE DOZEN SETS IN A BOX.

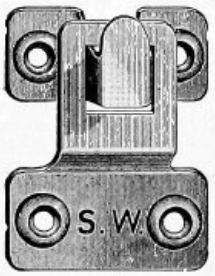


No. 1717—SCHROEDER'S NEW PEERLESS, japanned, packed complete with screws, four pieces to a set, w't per doz. sets 3¾ lbs.....per dozen sets $1.50

Lower Sections, for hinges to make screen and storm sash interchangeable, w't per doz. 2 lbs.....per dozen pairs .80

Not only the strongest, but also the smallest device owing to the extra depth of the hook. Easiest to hang on, because of extra large eyes. Always automatically locked until you release fastener yourself; hence, the safest hanger ever invented. No rattling because of its peculiar construction. Neatest hanger, because of its simple appearance. Also most effective.

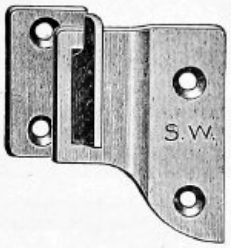
ONE DOZEN SETS IN A BOX.



No. 1724—SCHROEDER'S PEERLESS, steel, japanned, w't per doz. sets 2 lbs., per dozen sets..... $1.50

Easily hung and especially adapted for full size screens.

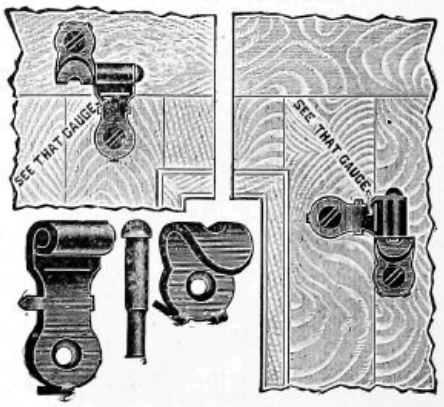
ONE DOZEN SETS IN A BOX.



No. 1725—SCHROEDER'S PEERLESS, steel, japanned, w't per doz. sets 1 lb., per dozen sets..... $1.50

For half screens, can be put up and taken down easily. They swing, no sliding or sticking.

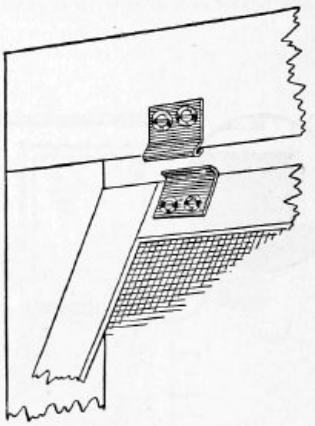
ONE DOZEN IN A BOX.



No. 11—WATROUS, japanned, packed complete with screws, four pieces to a set, w't per doz. sets 2½ lbs., per dozen sets..... $1.50

A hanger that will hang either a full sized sash or screen or a half screen. Will hang from either top or side casing.

The points afford a much stiffer and more rigid grip on the wood than screws.



No. 37—HALL'S, pressed steel, japanned, w't per doz. sets 1¼ lbs..per dozen sets $1.50

Lower Sections, to make storm sash and screen interchangeable, w't per doz. prs. ¾ lbs.....per dozen pairs .70

Neat, simple, strong and absolutely anti-rattling.

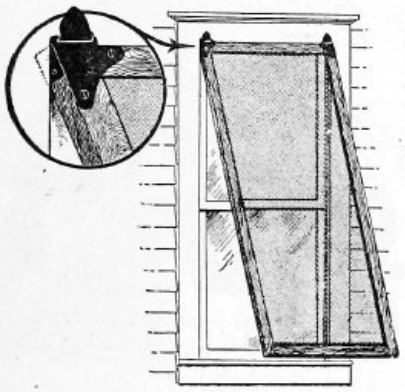
In hooking, the spray of the metal serves to hold the sash firmly against the frame, preventing all possibility of rattling.

Can be hung from the inside of window, doing away with the use of ladders.

THREE DOZEN PAIRS IN A BOX, WITH SCREWS.

SASH AND SCREEN HANGERS, CATCHES AND FASTENERS.

STORM SASH AND WINDOW SCREEN HANGERS.



For Storm Sash or Full Length Screens.

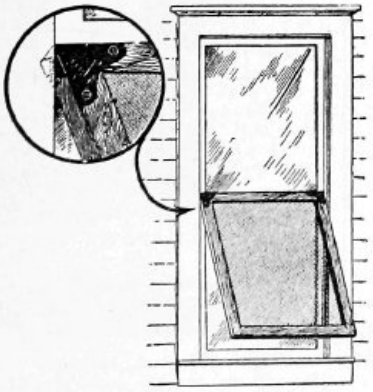
No. 42—PERFECT, steel, japanned, with side brace, w't per doz. sets 4 lbs., per dozen sets..... $1.50

Well made, simple and practical.

These hangers are also corner braces in that they firmly unite the top and side strips of the screen, strengthening the frame at a weak point. The brace also locks the hanger securely to the wood and braces sash or screen, preventing its rattling or being blown off by the wind.

Hooks and eyes to hold screen shut at bottom are furnished with each hanger.

ONE DOZEN IN A BOX, WITH SCREWS.



For Half Screens.

No. 46—PERFECT, steel, japanned, w't per doz. sets 2¾ lbs.....per dozen sets $1.50

The screen swings on dowel pins which are driven into the window frame and fit into groove hanger holding screen firmly. Screen can be taken off and replaced with absolutely no difficulty.

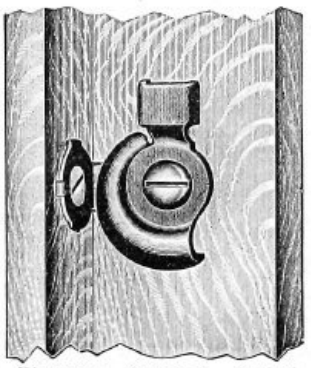
These hangers are also corner braces in that they firmly unite the top and side strips of the screen, strengthening the frame at a weak point. The brace also locks the hanger securely to the wood and braces sash or screen, preventing its rattling or being blown off by the wind.

This hanger can be used for all grooved screens.

Hooks and eyes to hold screen shut at bottom and dowel pins are furnished with each hanger. One set complete, packed in a paper bag.

ONE DOZEN IN A BOX, WITH SCREWS.

WINDOW SCREEN CATCHES.

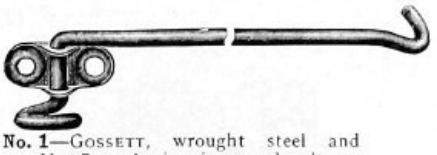


No. 35—WATROUS, japanned, packed complete with screws, w't per doz. 1 lb.....per dozen $0.75

The co-operating flanges on catch and strike make a double lock, and when fastened the sash can neither be pulled out nor pulled up from casing. Locks any screen tight and fast, whether swung from hinges, hung from hinges or sliding in channels.

Light, neat and strong, takes up little space and does not interfere with the working of the window. THREE DOZEN IN A BOX.

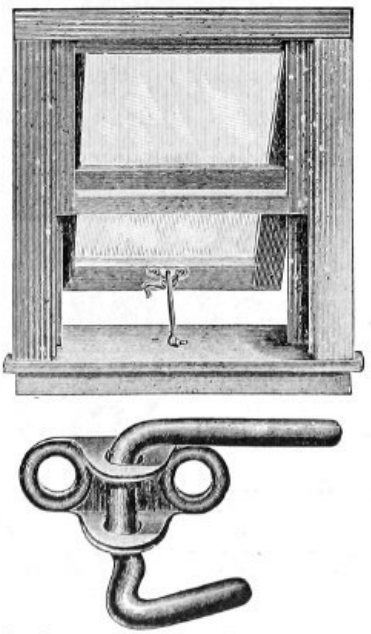
WINDOW SCREEN FASTENERS.



No. 1—GOSSETT, wrought steel and No. 7 steel wire, japanned, w't per doz. 1 lb.....per dozen $0.60

An inside lock for screens, stronger and more secure than the ordinary screw hook and eye.

STORM SASH FASTENERS.

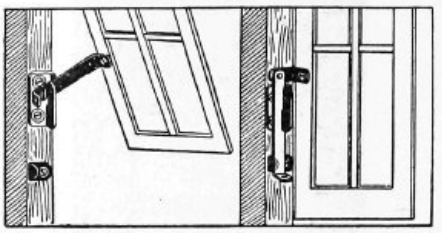


No. 2—GOSSETT, 8 in. wrought steel and No. 7 steel wire, japanned, w't per doz. 1 lb.....per dozen $0.80

Holds storm sash open for ventilation and locks it securely when closed. Does not interfere with raising or lowering of windows.

ONE DOZEN IN A BOX WITH SCREWS.

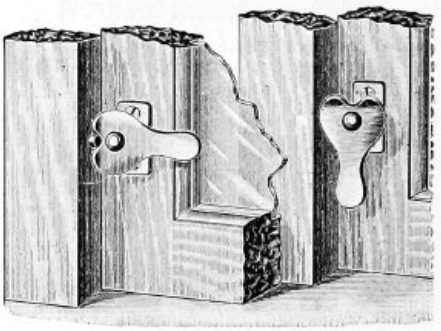
STORM SASH FASTENERS.



No. 9—HALL'S, 6½ in. japanned, steel, w't per doz. 1 lb.....per dozen $1.20

Holds sash open for ventilation and locks automatically, holds sash firm and prevents rattling.

ONE DOZEN IN A BOX.



No. 1726—SCHROEDER'S PEERLESS, rotary, steel, japanned, w't per doz. 1¼ lbs., per dozen..... $1.50

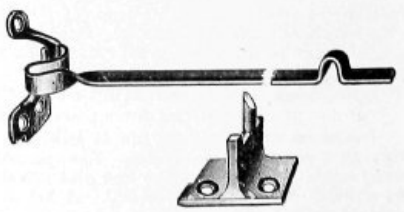
For stationary outside windows, window screens, shutters, cellar window screens, storm sash, swinging casement sash, etc. Quickly and firmly locked.

ONE DOZEN IN A BOX.

No. 1719—PEERLESS, 10 in., japanned, malleable iron, w't per doz. 4½ lbs., per dozen..... $2.00

This fastener will hold the storm sash open for ventilation. When storm sash is closed the fastener automatically locks itself.

ONE DOZEN IN A BOX.



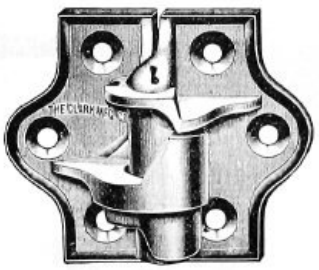
No. 20—SENSIBLE, 10 in., malleable iron, japanned, w't per doz. 3¾ lbs., per dozen..... $2.50

Holds storm sash open for ventilation. When sash is closed fastener swings around locking itself. Does not interfere with raising or lowering of window.

ONE DOZEN IN A BOX.

BLIND HINGES, GATE HINGES AND LATCHES.

BLIND HINGES.

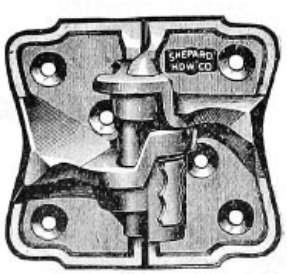


Clark's, Cast Iron.

No. 1—2½×2 in., for wood, throws the blind 1¼ in. from casing, w't per doz. sets 14 lbs.....per dozen sets $ 3.50
No. 3—2½×3 in., for brick, throws the blind 3¼ in. from casing, w't per doz. sets 26 lbs.....per dozen sets 6.25
No. 5—3½×3 in., for brick, throws the blind 4½ in. from casing, w't per doz. sets 52 lbs.....per dozen sets 12.50

A set consists of hinges and trimmings for two blinds.

NO. 1, HALF DOZEN SETS IN A BOX; SIX DOZEN IN A CASE. NO. 3, ONE-THIRD DOZEN SETS IN A BOX; FOUR DOZEN IN A CASE. NO. 5, ONE-SIXTH DOZEN SETS IN A BOX; TWO DOZEN IN A CASE.

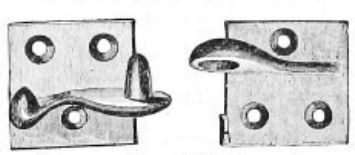


Shepard's Cast Iron.

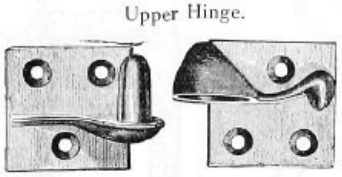
No. 50—2½×2 in. for wood, throws the blind 1¼ in. from casing, w't per doz. sets 18 lbs.....per dozen sets $3.50
No. 65—3×2½ in., large, for brick, throws the blind 3¾ in. from casing, w't per doz. sets 40 lbs..per dozen sets. 7.00

A set consists of hinges and trimmings for two blinds.

NO. 50 HALF DOZEN SETS IN A BOX; SIX DOZEN IN A CASE. NO. 65 ONE-THIRD DOZEN SETS IN A BOX; FOUR DOZEN IN A CASE.



Upper Hinge.



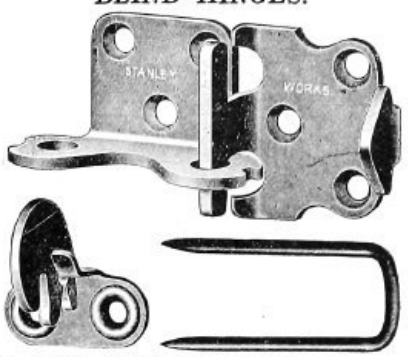
Lower Hinge.

No. 1—PARKER'S, 3×1½ in., cast iron, for wood, throws the blind 1 in. from casing, w't per doz. sets 14 lbs., per dozen sets..... $3.50

A set consists of hinges and trimmings for two blinds.

HALF DOZEN SETS IN A BOX; SIX DOZEN IN A CASE.

BLIND HINGES.

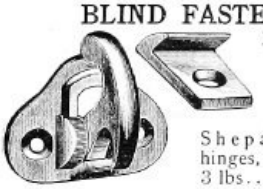


No. 1647½—STANLEY'S 3×1½ in., wrought steel, bright, for wood, throws the blind 1¼ in. from casing, w't per doz. sets 10½ lbs.....per dozen sets $3.50

A set consists of hinges and trimmings for two blinds.

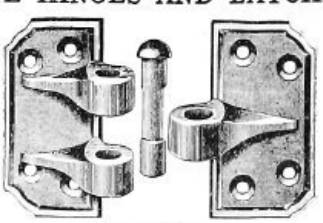
ONE SET IN A BOX; TEN DOZEN SETS IN A CASE.

BLIND FASTENERS.



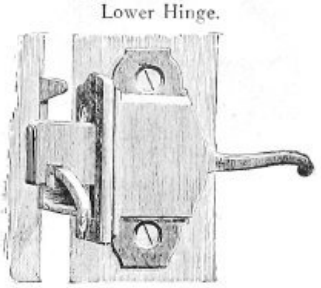
No. F—Extra fasteners used in connection with Clark's and Shepard's blind hinges, w't per doz. 3 lbs....per dozen $0.60

GATE HINGES AND LATCHES.



Upper Hinge.

Lower Hinge.



Latch.

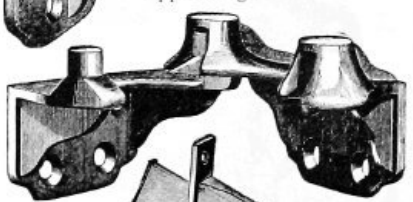
Clark's, Cast Iron, Wrought Pins and Bolts.

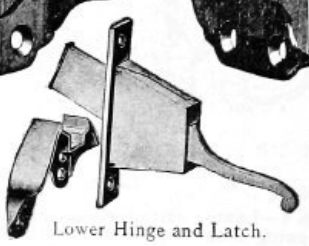
No. 1—Hinge and latch complete, swings one way, w't per doz. sets 33 lbs., per dozen sets..... $6.00
No. 1H—Hinge only, w't per doz. prs. 24 lbs.....per dozen pairs 4.00
No. 1L—Latch only, w't per doz. 10 lbs., per dozen..... 2.00

NO. 1, TWO DOZEN SETS IN A CASE. NO. 1H, ONE PAIR IN A BOX. NO. 1L, HALF DOZEN IN A BOX.

GATE HINGES AND LATCHES.

Upper Hinge.





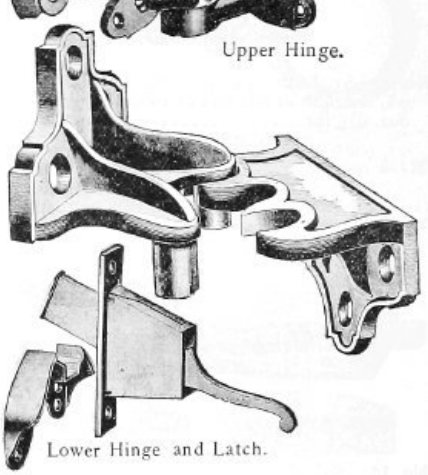
Lower Hinge and Latch.

Clark's, Cast Iron, Wrought Pins and Bolts.

No. 2 — Hinge and latch complete, swings both ways, w't per doz. sets 36 lbs., per dozen sets..... $8.00
No. 2H—Hinge only, w't per doz. pairs 27 lbs.....per dozen pairs 6.00
No. 2L—Latch only, w't per doz. 10 lbs., per dozen..... 2.00

NO. 2, TWO DOZEN SETS IN A CASE, NO. 2H, ONE PAIR IN A BOX. NO. 2L, HALF DOZEN IN A BOX.

Upper Hinge.



Lower Hinge and Latch.

Clark's, Cast Iron, Finished, Wrought Pins and Bolts.

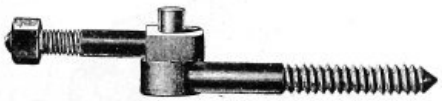
No. 3—Hinge and No. 2L latch complete, swings both ways, w't per doz. sets 36 lbs.....per dozen sets $12.00

No. 3 hinges are not sold separately. The No. 2L latch is furnished with the No. 3 Gate Hinge and latch set.

TWO DOZEN SETS IN A CASE.

GATE HINGES AND LATCHES, MEAT HOOKS, ETC.

GATE HINGES AND LATCHES.



Upper hinge.

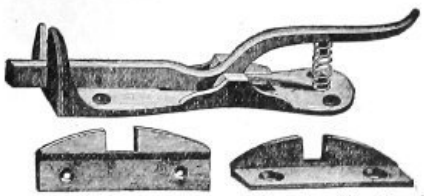
Lower hinge.

Latch.

No. 4—LEEDS, cast iron, japanned, to swing both ways, w't per doz. sets 36 lbs.....per dozen sets $13.50
ONE SET IN A BOX.

GATE LATCHES.

No. 10—ST. LOUIS, cast iron, natural finish, for right or left hand gates, w't per doz. 6½ lbs.....per dozen $0.55
HALF DOZEN IN A BOX.

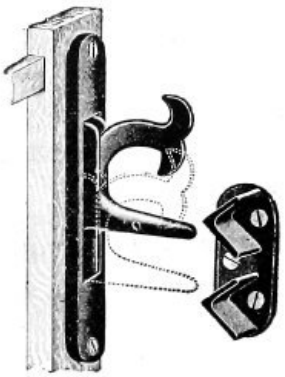


No. 14. Side Catch. **No. 16.** Top Catch.

Top, for Gates to Swing Both Ways.

No. 14—Japanned, cast iron, catch to screw on side, length 8 in., w't per doz. 12 lbs.....per dozen $2.00
No. 16—Japanned, cast iron, catch to to screw on top, length 8 in., w't per doz. 12 lbs.....per dozen 2.00
HALF DOZEN IN A BOX.

GATE LATCHES.

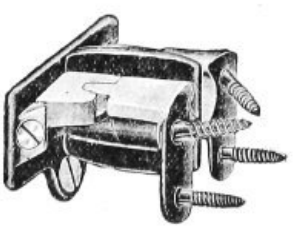


No. 6—"G. P." cast iron, japanned, self-adjusting, for right or left hand gates, w't per doz. 14 lbs.....per dozen $3.00

The "G. P." latch is attached to a sliding carriage which adjusts itself by means of the projection shown in the illustration. As this point comes in contact with the strike, it is raised or lowered by the angle of the strike, so that any change of position due to the weather or general sag of the gate will not affect the closing of the gate. Sliding the latch up and down in the frame will not interfere with its proper action. It is absolutely hog proof.

HALF DOZEN IN A BOX.

GATE HINGES.



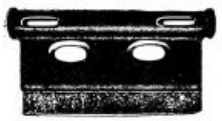
No. 2750—SUPERIOR, malleable iron, japanned, concealed compound steel springs, double action, w't per doz. prs. 48 lbs.....per dozen pairs $24.00

Will not raise the gate as ordinary hinges do, but open level. Self-shutting, and always stops at the center. No parts to get loose or out of place. Easily applied and cannot get out of order. Tire bolts or wood screws may be used for both post and gate. The plate which attaches to the post is 4 in. wide and 3 in. wide where it attaches to the gate. The space between gate and post is 2¾ in. Any latch can be used with these hinges; none, however, is necessary.

ONE-QUARTER DOZEN PAIRS IN A BOX.

BUTCHERS' BLOCK SCRAPERS.

No. 315—Handle 16 in. long, heavy malleable japanned socket, 5 in. cast steel blade, w't per doz. 14 lbs. per dozen $7.00
ONE DOZEN IN A BOX.

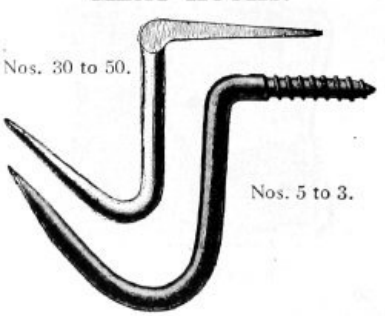


No. 316—6 in. cast steel blade, oil tempered, japanned malleable iron handle, w't per doz. 18 lbs.....per dozen $6.00
HALF DOZEN IN A BOX.

BUTCHERS' BLOCK PINS.

No. 4—16 in., wrought steel, tinned, w't per doz. 5¼ lbs.....per dozen $4.00
HALF DOZEN IN A PACKAGE.

MEAT HOOKS.

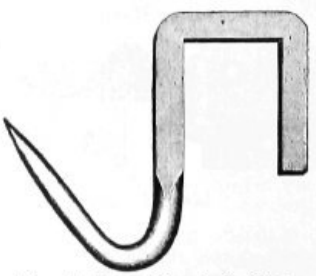


Wrought Iron, Tinned, to Drive.

No. 30—¼ in., small, w't per gro. 10 lbs., per gross..... $11.00
No. 40—⅜ in., medium, w't per gro. 15 lbs.....per gross 16.00
No. 50—⅜ in., large, w't per gro. 16 lbs., per gross..... 21.00
HALF GROSS IN A BOX.

Wrought Iron, Tinned, to Screw.

No. 5—⅜ in., small, w't per gro. 5 lbs., per gross..... $ 9.00
No. 4—¼ in., medium, w't per gro. 10 lbs.....per gross 11.00
No. 3—⅝ in., large, w't per gro. 15½ lbs., per gross..... 16.00
HALF GROSS IN A BOX.



Wrought Iron, Tinned, for Bar.

No. 22—7/16 in., for 2 in. bar, w't per gro. 84 lbs.....per gross $50.00
ONE DOZEN IN A BOX.

WROUGHT GOODS.

HASP LOCKS.

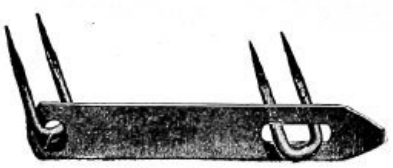
No. 7—PROUTY, straight, 7¾ in., polished steel case, ½×2½ in. spring shackle, with two flat steel keys, 100 changes, w't per doz. 7¼ lbs..per dozen $6.00

No. 8—PROUTY, double hinged, to protect the strap end, 7¾ in., polished steel case, ½×2½ in. spring shackle, with two flat steel keys, 100 changes, to use on corners, w't per doz. 7¼ lbs. per dozen $9.60

The locking bar which corresponds to the shackle on an ordinary padlock, in the Prouty hasp lock is contained entirely within the lock. This renders it impossible to secure any hold or leverage whereby the lock could be forced, and to break open, the entire case must be destroyed. The fact that this locking bar cannot be used as a feeler makes it almost impossible to file a duplicate key. The push button on lower right hand rim of lock, when pushed clear in will spring the locking mechanism. On the face of the lock a temporary catch is used to act the same as the latch on an ordinary hasp.

ONE DOZEN IN A BOX.

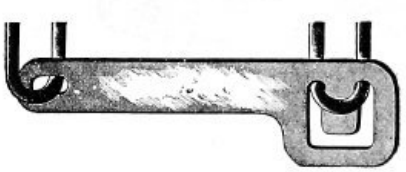
HASPS AND STAPLES.



Wrought Iron.

No. 10—Inches.	5	6	7
W't per doz.	1½	2	2¾ lbs.
Per dozen	$0.90	1.00	1.10
No. 10—Inches.	**8**	**9**	**10**
W't per doz.	3	4¾	5 lbs
Per dozen	$1.30	1.70	2.00

ONE DOZEN IN A BOX.



No. 850—PERFECT, 8 in., wrought steel, w't per doz. 4 lbs.....per dozen $2.75
No. 860—PERFECT, 10 in., wrought steel, w't per doz. 6¾ lbs.....per dozen 3.00

ONE DOZEN IN A BOX.

HOOP STAPLES.

¾ x ¼ in., coppered in 25 lb. boxes per pound..... $0.15

HASPS, HOOKS AND STAPLES.

Wrought Iron, with Wrought Double Hook.

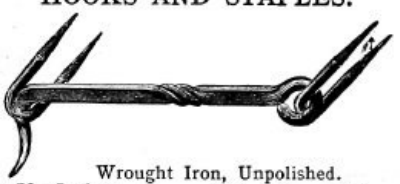
No. 15—Inches	5	6	7
W't per doz.	2¼	2¾	3¼ lbs.
Per dozen	$1.20	1.40	1.60
No. 15—Inches	**8**	**9**	**10**
W't per doz.	3¾	5	5¾ lbs.
Per dozen	$1.80	2.20	2.50

Hercules, Extra Heavy Wrought Iron, Malleable Double Hook.

No. 18—8 in., width 1 in., ¼ in. thick, w't per doz. 7½ lbs .....per dozen $6.00
No. 20—10 in., width 1 in., ¼ in. thick, w't per doz. 9 lbs .....per dozen 7.00

ONE DOZEN IN A BOX.

HOOKS AND STAPLES.



Wrought Iron, Unpolished.

No. 50—Inches.	3	3½	4	4½
W't per gro.	8½	9	14	15½ lbs.
Per gross	$8.00	9.00	10.00	11.00
No. 50—Inches	**5**	**6**	**7**	**8**
W't per gro.	22½	27½	45½	48 lbs.
Per gross	$12.00	14.00	22.00	25.00

3 AND 3½ IN., HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

Extra Heavy Wrought Iron, Unpolished.

No. 60—Inches	4	5	6
W't per gro.	22	32	40 lbs.
Per gross	$13.00	16.00	19.00

Extra Heavy Round Iron.

No. 54—4 in. bright, diameter ¼ in., w't per gross 20 lbs.,..... per gross $5.00
No. 55—5 in., bright, diameter ⅛ in., w't per gro. 36 lbs.....per gross 5.25
No. 56—6 in., bright, diameter ⅛ in., w't per gro. 39 lbs.....per gross 5.60

ONE-QUARTER GROSS IN A BOX.

WROUGHT STAPLES.

Steel Wire, Square Machine Pointed.

Inches	1	1¼	1½	2
W't per gro.	1	1¼	1½	2½ lbs.
Per gross	$1.20	1.22	1.25	1.70
Inches	2½	3	3½	
W't per gro.	4	6	11 lbs.	
Per gross	$2.35	3.20	3.70	
Inches	4	Assd. 1½ to 3	1½ to 3½	
W't per doz.	12	3¾	4 lbs.	
Per gross	$5.25	2.00	2.10	

1½ IN. AND ASSORTED, ONE GROSS; BALANCE, HALF GROSS IN A BOX

GATE HOOKS.

Safety, Malleable Iron, Tinned, Wrought Staples, Spring Catch.

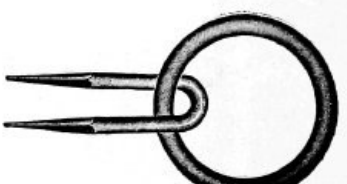
Nos	104	105	106
Length	4	5	6 in.
W't per gro.	24	30	36 lbs.
Per gross	$13.00	14.00	17.00

ONE-SIXTH GROSS IN A BOX

No. 1—PROCTORS', 4½ in. wrought iron, w't per gro. 48 lbs. .....per gross $15.00
No. 2—PROCTOR'S, 7½ in. wrought iron, w't per gro. 56 lbs. .....per gross 18.00

ONE TWELFTH GROSS IN A BOX.

TRAP DOOR RINGS & STAPLES.



Wrought Iron, Unpolished.

No. 5—Diameter of ring	2	2½	3 in.
W't per gro.	16	22	28½ lbs
Per gross	$16.00	19.00	26.00

ONE-QUARTER GROSS IN A BOX.

HITCHING RINGS.

No. 10—2 in. ring, ⅜×3 in. screw, wrought iron, japanned, w't per doz. 2½ lbs .....per dozen $1.20
No. 20—2 in. ring, ⅜×3 in. screw, wrought iron, tinned, w't per doz. 2½ lbs .....per dozen 1.40

ONE DOZEN IN A BOX.

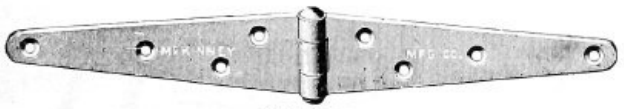
Wrought Iron Plate and Ring.

No. 25—2 in. ring, 2×2 in. plate, japanned, w't per doz. 3½ lbs.per dozen $2.80
No. 30—2 in. ring, 2×2 in. plate, tinned, w't per doz. 3½ lbs .....per dozen 3.60

ONE DOZEN IN A BOX.

WROUGHT STEEL HINGES AND HINGE HASPS.

HINGES.

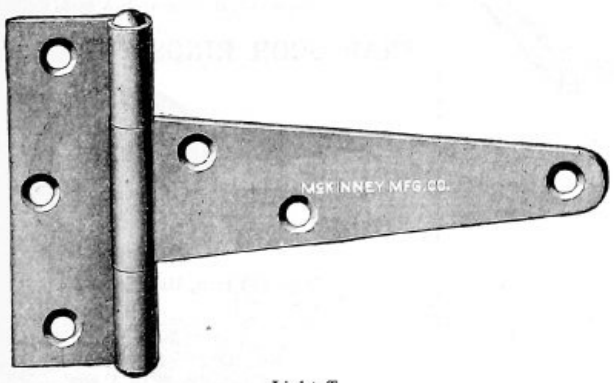


Light Strap.

Length	3	4	5	6	8	10 in.
Size of screws	6	7	8	9	10	10
Number of screw holes	6	6	8	8	8	8
Number in barrel	200	175	100	90	45	35 doz.
W't per doz. prs	2½	3½	5½	8¾	15¼	21½ lbs.
Per dozen pairs	$0.85	1.10	1.35	1.70	2.40	3.30

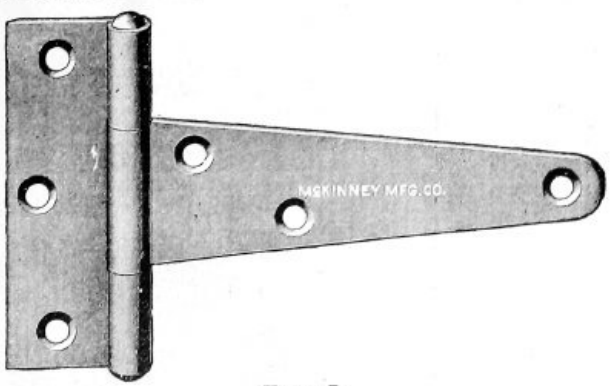
Heavy Strap.

Length	4	5	6	8	10	12	14 in.
Size of screws	9	9	11	12	13	14	16
Number of screw holes	6	8	8	8	8	10	10
Number in barrel	100	80	40	20	12	9	7 doz.
W't per doz. prs	5½	10¼	18½	32	51¼	74	84 lbs.
Per dozen pairs	$1.60	2.15	2.80	4.50	6.80	10.40	12.20



Light T.

Length	3	4	5	6	8	10 in.
Size of screws	6	7	8	8	9	10
Number of screw holes	6	6	7	7	7	8
Number in barrel	175	150	100	80	50	30 doz.
W't per doz. prs	2¾	3¼	5¾	6½	11½	16½ lbs.
Per dozen pairs	$0.75	.80	1.00	1.20	1.50	2.20

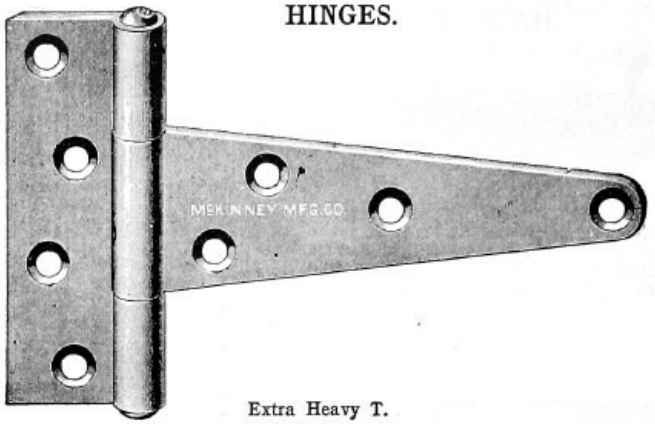


Heavy T.

Length	4	5	6	8	10 in.
Size of screws	8	8	9	10	11
Number of screw holes	6	7	7	7	8
Number in barrel	100	85	65	45	30 doz.
W't per doz. prs	4¾	6¾	9¼	12¼	14¼ lbs.
Per dozen pairs	$0.90	1.05	1.25	1.55	2.30

ONE-QUARTER DOZEN PAIRS IN A BUNDLE.

HINGES.



Extra Heavy T.

Length	4	5	6	8	10	12 in.
Size of screws	10	11	12	13	16	17
Number of screw holes	6	8	8	8	9	10
W't per doz. prs	8	11½	20½	34¾	55	77½ lbs.
Per dozen pairs	$1.80	2.45	3.00	5.00	7.40	10.70

ONE-QUARTER DOZEN PAIRS IN A BUNDLE.

HINGE HASPS.

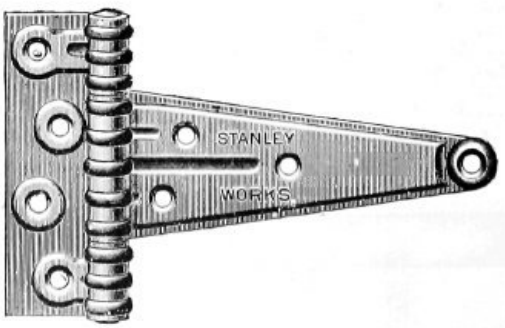
Bright.

Length	3	4	6	8	10 in.
W't per doz	2	2¼	5	8¼	11 lbs.
Per dozen (single)	$0.50	.60	.80	1.05	1.50

HINGES.

STANLEY'S Corrugated, Heavy Strap.

Length	4	5	6	8	10	12 in.
Size of screws	9	9	11	12	13	14
Number of screw holes	6	8	8	8	8	10
W't per doz. prs	5	8	14	25	37	60 lbs.
Per dozen pairs	$1.60	2.15	2.80	4.50	6.80	10.40



STANLEY'S Corrugated, Extra Heavy T.

Length	4	5	6	8	10 in.
Size of screws	9	10	11	13	14
Number of screw holes	6	8	8	9	10
W't per doz. prs	6	10	16	27	40 lbs.
Per dozen pairs	$1.80	2.45	3.15	5.20	7.10

ONE-QUARTER DOZEN PAIRS IN A BUNDLE.

THE SIZE GIVEN ON ALL THE ABOVE HINGES IS THE DISTANCE FROM PIN TO THE FARTHEST TIP.

WROUGHT STEEL HINGES.

SCREW HOOK AND STRAP.

Length	6	8	10	12	14 in.
Diameter of hook	½	½	5/8	5/8	¾ in.
W't per doz. prs.	21	24	33	48	70 lbs.
Per 100 lbs.	$7.50	7.50	7.50	7.50	7.00

Length	16	18	20	22	24 in.
Diameter of hook	¾	¾	¾	7/8	7/8 in.
W't per doz. prs.	74	90	96	126	132 lbs.
Per 100 lbs.	$7.00	7.00	7.00	6.50	6.50

SCREW HOOK AND EYE.

Length	5	6	6½ in.
Diameter	½	5/8	¾ in.
W't per doz. prs.	12½	21	40 lbs.
Per 100 lbs.	$20.00	17.00	14.00
Extra Hooks	per 100 lbs. 20.00	17.00	14.00

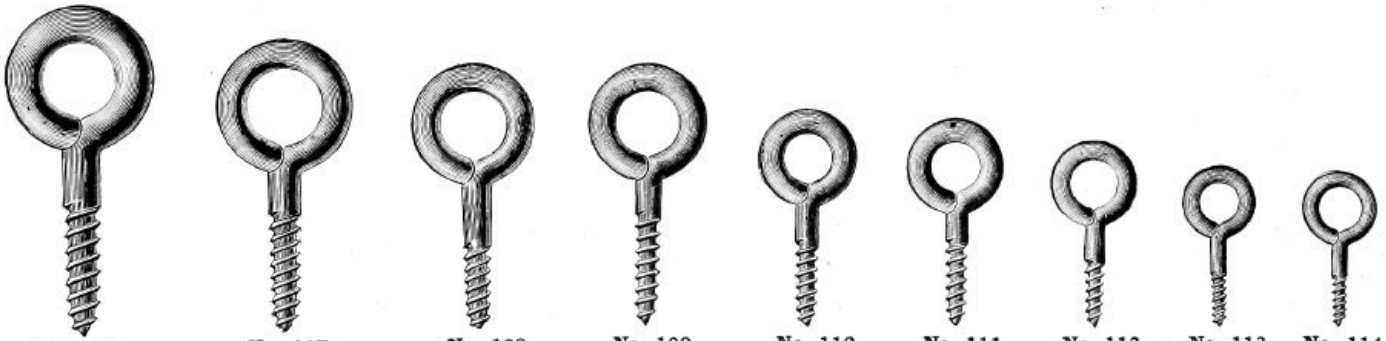
BRIGHT WIRE SCREW EYES.

Price per Gross.

No. 0 $13.00 — **No. 1** $11.00 — **No. 2** $8.50 — **No. 3** $7.00 — **No. 4** $5.50 — **No. 5** $4.50

Full Size Cuts.

No. 14 $1.30 — **No. 13** $1.40 — **No. 12** $1.50 — **No. 11** $1.75 — **No. 10** $2.00 — **No. 9** $2.25 — **No. 8** $2.50 — **No. 7** $3.00 — **No. 6** $3.50



No. 106 $3.25 — **No. 107** $2.75 — **No. 108** $2.30 — **No. 109** $2.00 — **No. 110** $1.80 — **No. 111** $1.60 — **No. 112** $1.40 — **No. 113** $1.30 — **No. 114** $1.20

No. 218—Bird cage, per gross - - $3.20

No. 214 $1.10 — **No. 213** $1.20 — **No. 212** $1.30 — **No. 211** $1.40 — **No. 210** $1.70 — **No. 209** $1.90 — **No. 208** $2.20 — **No. 207** $2.50 — **No. 206** $3.00 — **No. 205** $3.50 — **No. 204** $4.50

NOS. 0 TO 3, HALF GROSS; BALANCE, ONE GROSS IN A BOX.

BRIGHT WIRE SCREW HOOKS.

Price per Gross.

Full Size Cuts.

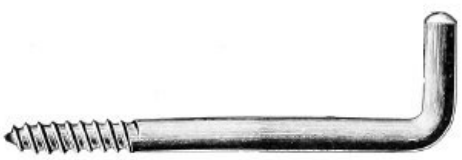
No. 14 $1.80
No. 13 $1.90
No. 12 $2.00
No. 11 $2.20
No. 10 $2.40
No. 9 $2.80
No. 8 $3.50
No. 7 $4.00
No. 6 $5.50
No. 5 $6.50
No. 4 $8.00
No. 3 $11.00
No. 2 $13.00
No. 1 $15.50
No. 0 $18.00

NOS 0 TO 6, HALF GROSS; BALANCE, ONE GROSS IN A BOX.

BRIGHT WIRE GOODS.

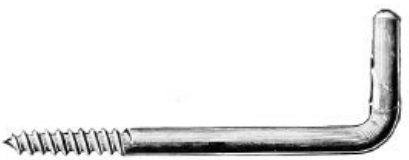
SQUARE SCREW HOOKS.

Full Size Cuts.



No. 106.

No. 107.



No. 108.

No. 109.

No. 110.

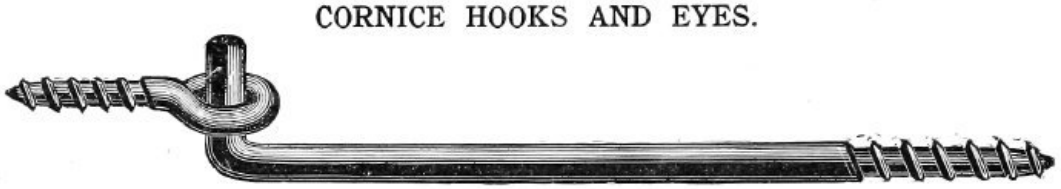
No. 111.

No. 112.

Nos.	106	107	108	109	110	111	112
W't per gro.,	3½	3	2½	1¾	1¼	1	¾ lbs
Per gross,	$5.50	4.00	3.50	2.80	2.40	2.20	2.00

ONE GROSS IN A BOX.

CORNICE HOOKS AND EYES.



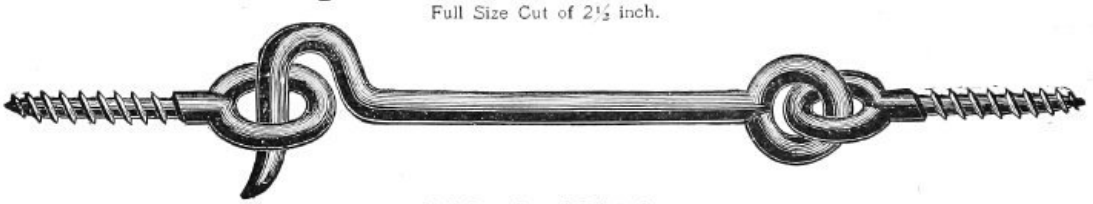
Full Size Cut of 5 inch.

Length,	3½	4	4½	5	6	8 in.
W't per gro.,	8½	9½	10½	11	12	18 lbs
Per gross,	$12.00	13.00	14.00	15.00	17.00	20.00

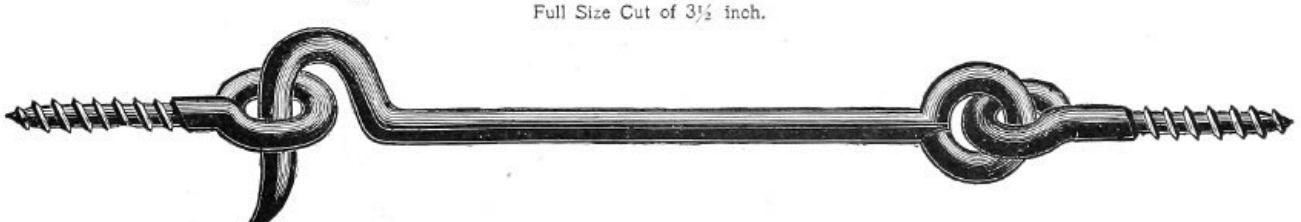
HALF GROSS IN A BOX.

GATE HOOKS AND EYES.

Full Size Cut of 2½ inch.



Full Size Cut of 3½ inch.



Full Size Cut of 4½ inch.

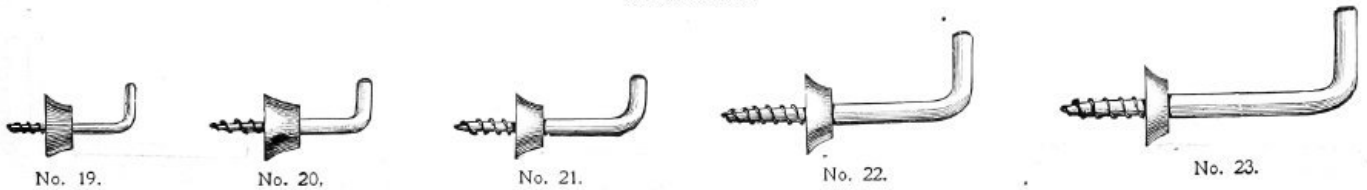
Length,	1½	2	2½	3	3½	4	4½	5	6 in.
W't per gro.,	3½	5	6½	9	11	13	15	16	21 lbs.
Per gross,	$6.00	7.50	8.50	10.00	12.50	13.50	17.00	20.00	25.00

1½ TO 4 IN., HALF GROSS; 4½ TO 6 IN., ONE QUARTER GROSS IN A BOX.

BRASS SCREW HOOKS.

SHOULDERED SQUARE.

Full Size Cuts.



No. 19. No. 20. No. 21. No. 22. No. 23.

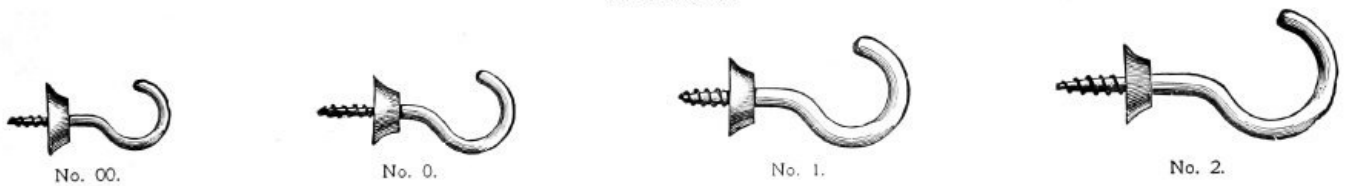
Nos.	19	20	21	21½	22	23	24
Length,	½	⅝	¾	⅞	1	1¼	1½ in.
W't per gro.,	¼	½	⅝	¾	1⅛	1½	2¼ lbs.
Per gross,	$3.75	3.85	4.00	4.50	5.25	9.00	11.00

The size given is the length exclusive of screw.

ONE GROSS IN A BOX.

CUP.

Full Size Cuts.



No. 00. No. 0. No. 1. No. 2.

Nos.	00	0	0½	1	2	3
Length,	⅝	¾	⅞	1	1⅛	1¼ in.
W't per gro.,	½	⅝	1	1¼	1⅜	1½ lbs.
Per gross,	$3.85	4.00	4.50	5.25	7.00	9.00

The size given is the length exclusive of screw.

ONE GROSS IN A BOX.

HOOKS AND EYES.

POLISHED IRON.

Full Size Cut of 2 inch.

Right or Left Hand.

No. 40—Length,	1½	2	2½	3 in.
W't per gro.,	1¼	2	3½	5 lbs.
Per gross,	$1.50	2.00	2.75	3.75

ONE GROSS IN A BOX.

BRASS.

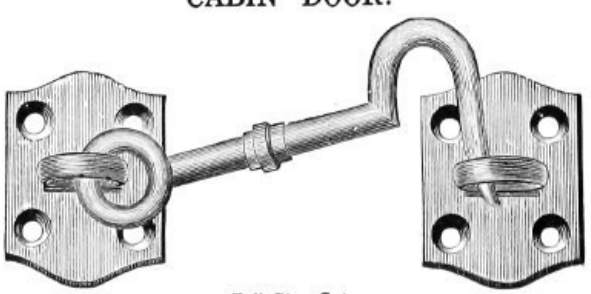
Full Size Cut of 2 inch.

Right or Left Hand.

No. 50—Length,	1½	2	2½ in.
W't per gro.,	1½	2½	3¼ lbs.
Per gross,	$3.50	4.75	6.50

ONE GROSS IN A BOX.

CABIN DOOR.



Full Size Cut.

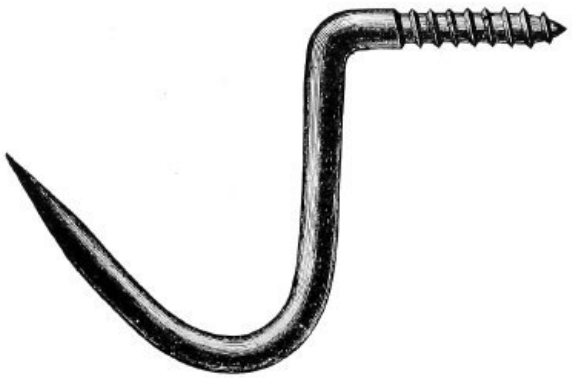
No. 763—3 in., polished brass, weight per dozen 4¼ lbs., - - - - - - - - - - - - per dozen $3.00

The size given is the distance between center of eyes.

THREE DOZEN IN A BOX.

MEAT HOOKS.

WITH SCREW.

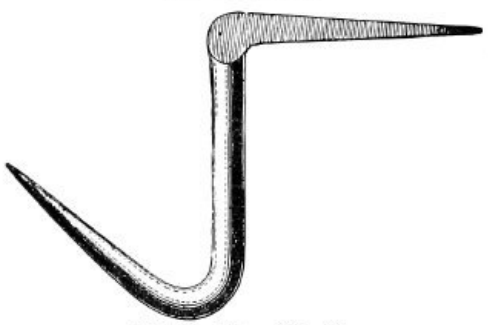


Full Size Cut of No. 5.

No. 5—3/16 in., wrought iron, tinned, small, w't per gro. 8 lbs., per gross, - - - - - - - - - - $ 9.00
No. 4—1/4 in., wrought iron, tinned, medium, w't per gro. 10 lbs., - - - - - - - per gross 11.00
No. 3—5/16 in., wrought iron, tinned, large, w't per gro. 19 lbs., - - - - - - - per gross 16.00

ONE QUARTER GROSS IN A BOX.

TO DRIVE.

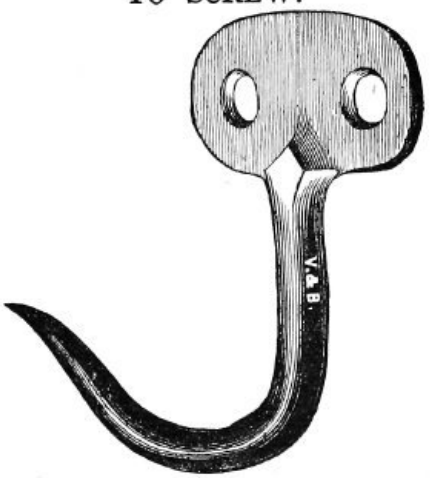


Full Size Cut of No. 30.

No. 30—1/4 in., wrought, tinned, w't per gro. 20 lbs., per gross $11.00
No. 40—5/16 in., wrought, tinned, w't per gro. 26 lbs., " 16.00
No. 50—3/8 in., wrought, tinned, w't per gro. 30 lbs., " 21.00

ONE QUARTER GROSS IN A BOX.

TO SCREW.

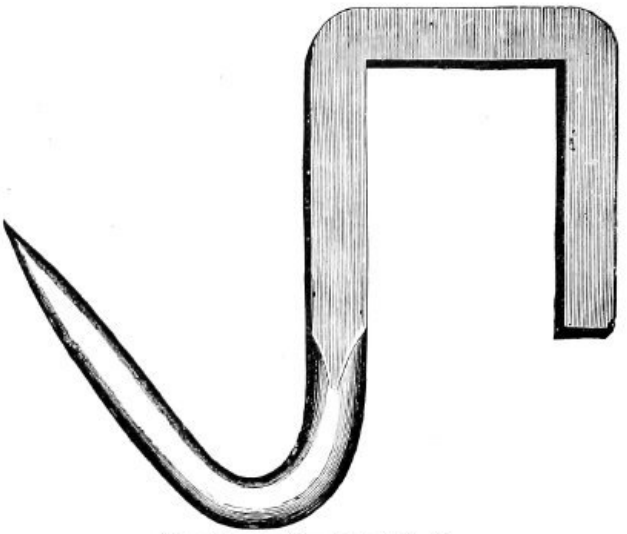


Full Size Cut of No. 12.

No. 12—3/8 in., wrought, tinned, w't per gro. 28 lbs., per gross $30.00
No. 20—7/16 in., wrought, tinned, w't per gro. 40 lbs., " 48.00

ONE QUARTER GROSS IN A BOX.

BAR.



Three-Quarter Size Cut of No. 22.

No. 22—7/16 in., wrought, tinned, for 2 in. bar, w't per gro. 84 lbs., - - - - - - - per gross $50.00

ONE DOZEN IN A BOX.

SELECTING HOOKS.

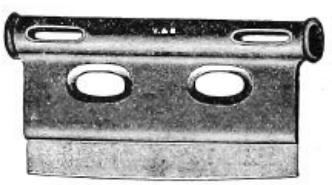
No. 80—13 in., tinned steel hook, riveted beech handle, with ferrule, w't per doz. 4 1/2 lbs., - - per dozen $3.00

HALF DOZEN IN A BOX.

BUTCHERS' BLOCK SCRAPERS.

No. 315—16 in., cast steel blades, japanned handle, w't per doz. 14 lbs., - - - - - per dozen $7.50

ONE DOZEN IN A BOX.

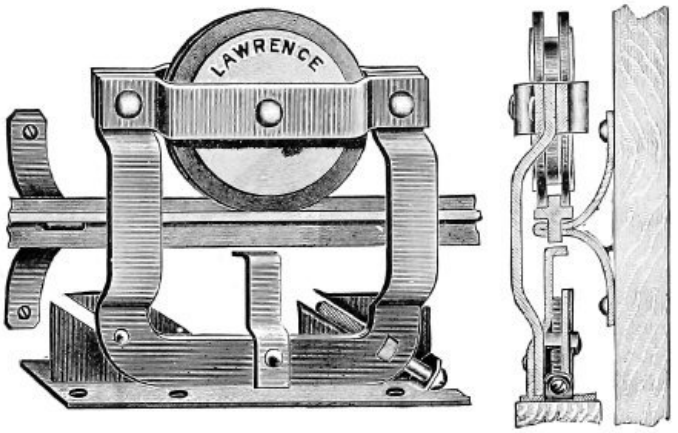


No. 316—6 in., cast steel blade, oil tempered, w't per doz. 18 lbs., - - - - - - per dozen $9.00

HALF DOZEN IN A BOX.

PARLOR DOOR HANGERS.

LAWRENCE EASY.



Roller Bearings.

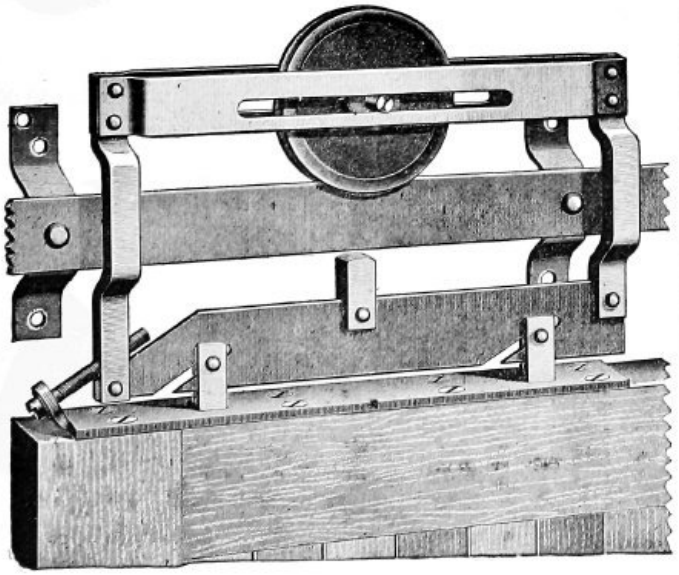
No. 600—Full set for double doors, w't per set 24 lbs., - - - - - - - - - - - - per set $6.00

No. 610—Half set for single door, w't per set 15 lbs., - - - - - - - - - - - - " 3.00

A set consists of four hangers, 14 ft. of track, one stop, two guides and screws. Half set has 8 ft. of track.

ONE SET IN A BOX.

LANE'S STANDARD.



Anti-Friction, Single Steel Track.

No. 700—Full set for double doors, w't per set 37 lbs., per set $6.00

No. 710—Half set for single door, w't per set 19 lbs., " 3.00

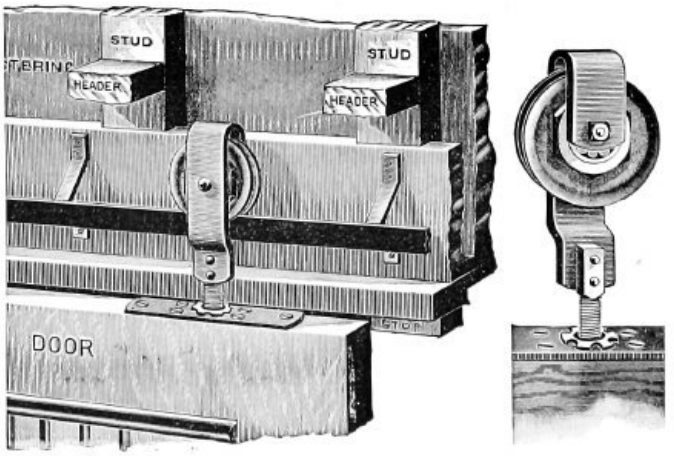
Extra Track, w't per ft. 1 lb., - - - per foot .09

This hanger is simple, durable, easily adjusted and noiseless.

A set consists of four hangers, 14 ft. of track, gravity stops, striking plates and floor plates. Half set has 8 ft. of track.

ONE SET IN A BOX.

LANE'S NEW MODEL.



Roller Bearings, Japanned, Single Steel Track.

No. 800—Full set for double doors, w't per set 29 lbs., per set $5.00

No. 810—Half set for single door, w't per set 15½ lbs., " 2.50

Extra Track, w't per ft. 1 lb., - - - per foot .09

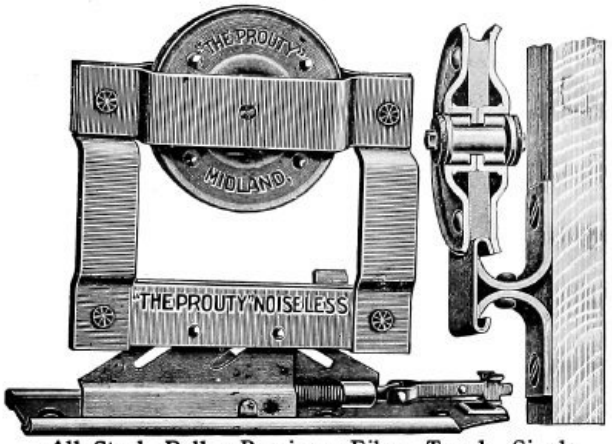
Each wheel is fitted with roller bearings running on a hard steel bushing, making it anti-friction and never requiring oil; adapted to any length of run. Each wheel has a vulcanized fiber filling, rendering it noiseless in action. The adjustment is a novel feature, and may be accomplished from either above or below the base plate, as desired.

A set consists of four hangers, 14 ft. of track, gravity stops, striking plates and floor plates. Half set has 8 ft. of track.

ONE SET IN A BOX.

PARLOR DOOR HANGERS.

PROUTY NOISELESS.



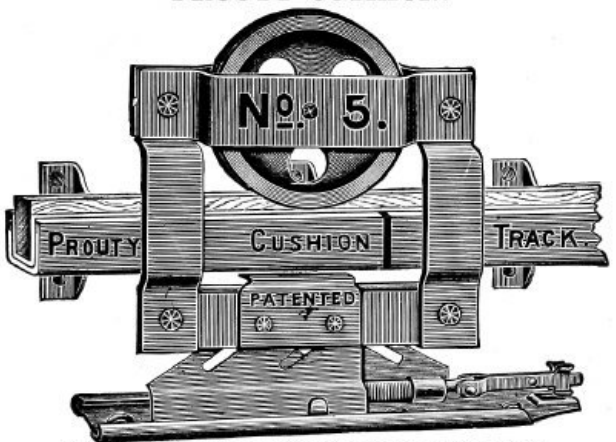
All Steel, Roller Bearings, Fibre Tread, Single Steel Track.

No. 200—Full set for double doors, w't per set 23 lbs., per set $6.00
NO. 210—Half set for single door, w't per set 13 lbs., " 3.00
Extra Track for Nos. 200 and 210 - - - per foot .10

14 ft. of steel track with full set, 8 ft. of track with half set.

ONE SET IN A BOX

PROUTY CUSHION.

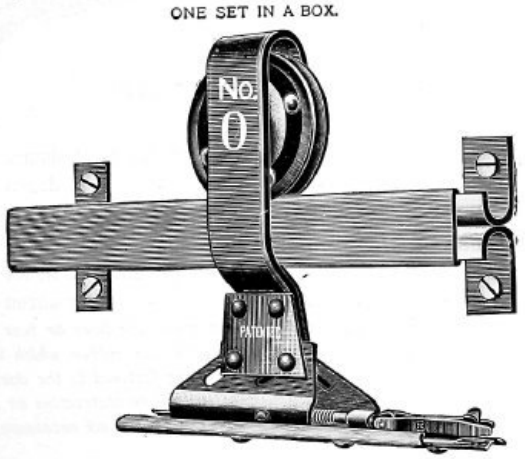


All Steel, Hardened Shaft, Hard Maple Rail.

No. 900—Full set for double doors, w't per set 25 lbs., per set $7.00
No. 910—Half set for single door, w't per set 18 lbs., " 3.50
Extra Track for Nos. 900 and 910 - - - per foot .16

14 ft. of steel track with full set, 8 ft. of track with half set.

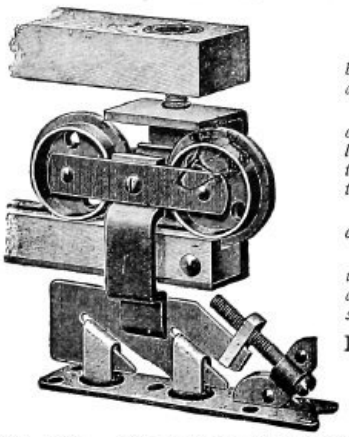
ONE SET IN A BOX.



No. 300.

See description to the right of page.

LEROY NOISELESS.



Hanger is carefully made, has ball bearing journals with case-hardened cup and cones, easily adjusted.

Track is made of steel and maple, has adjustment whereby it may easily be leveled, is easy to put up and the maple track provides an absolutely noiseless tread.

The LeRoy has all the best features desired in a parlor door hanger.

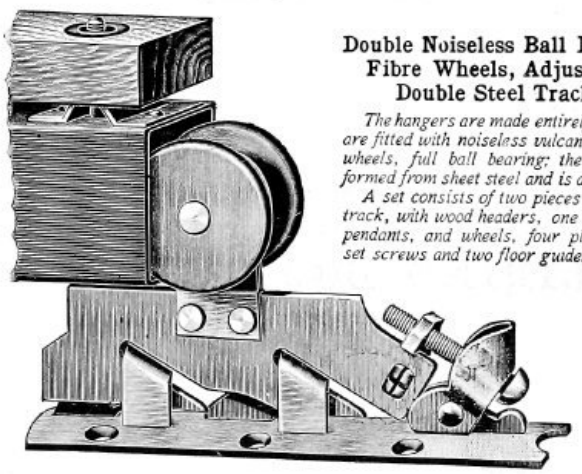
A set consists of two pieces of track with wood headers, one stop, four pendants and wheels, four plates, four set screws, and two floor guides.

Ball Bearing, Steel and Maple Track, Adjustable.

No. 125 —For double doors, opening 5 ft., - per set $7.00
No. 125½—For double doors, opening 5½ ft., - " 7.00
No. 126 —For double doors, opening 6 ft., - " 7.00
No. 114 —For single door, opening 4 ft., - " 4.00
No. 114½—For single door, opening 4½ ft., - " 4.25
No. 115 —For single door, opening 5 ft., - " 4.50

AVERAGE WEIGHT PER SET FOR DOUBLE DOORS 42 LBS; AVERAGE WEIGHT PER SET FOR SINGLE DOOR, 26 LBS.

WILCOX TROLLEY.



Double Noiseless Ball Bearing Fibre Wheels, Adjustable Double Steel Track.

The hangers are made entirely of steel, are fitted with noiseless vulcanized fibre wheels, full ball bearing; the track is formed from sheet steel and is adjustable.

A set consists of two pieces of trolley track, with wood headers, one stop, four pendants, and wheels, four plates, four set screws and two floor guides.

No. 25 —For double doors, opening 5 ft., - per set $6.00
No. 25½—For double doors, opening 5½ ft., - " 6.00
No. 26 —For double doors, opening 6 ft., - " 6.00
No. 13½—For single door, opening 3½ ft., - " 3.25
No. 14 —For single door, opening 4 ft., - " 3.50
No. 14½—For single door, opening 4½ ft., - " 3.75
No. 15 —For single door, opening 5 ft., - " 4.00

AVERAGE WEIGHT PER SET FOR DOUBLE DOORS 32 LBS.; AVERAGE WEIGHT PER SET FOR SINGLE DOOR 19 LBS.

PROUTY.

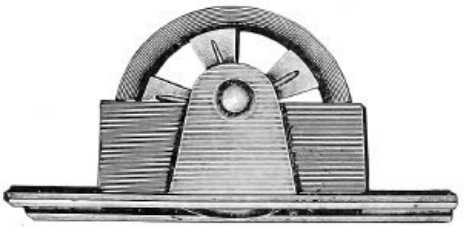
All Steel Roller Bearings, Fibre Tread, Single Steel Track.

No. 300—Full set for double doors, w't per set 20 lbs., per set - - - - - - - - - $5.00
No. 310—Half set for single door, w't per set 11 lbs., per set 2.50
Extra track for Nos. 300 and 310 - - - per foot .10

14 ft. of track with full set, 8 ft. of track with half set.

ONE SET IN A BOX.

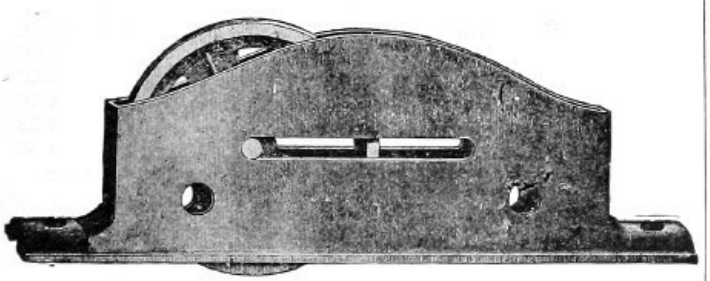
SLIDING DOOR SHEAVES.



Common, Iron Wheel, Japanned.

No. 6—Wheel,	3	4	5 in.
W't per set (4),	2½	4	7 lbs.
Per set,	$0.75	.90	1.30

ONE SET IN A BOX.

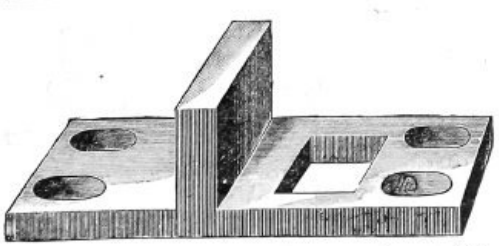


Hatfield's Anti-Friction, Japanned Frame.

No. 8—Wheel,	3	4	5 in.
Sheave rims,	42	46	51 in.
W't per set (4),	5½	9	13 lbs.
Per set,	$1.50	1.80	3.00

ONE SET IN A BOX.

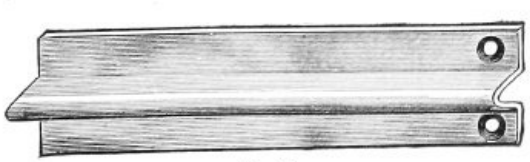
SLIDING DOOR STOPS.



No. 1—1¼×2⅝ in., copper bronzed, w't per doz. 1¼ lbs., per dozen, - - - - - - - - $0.50

TWO DOZEN IN A BOX.

SLIDING DOOR RAIL.

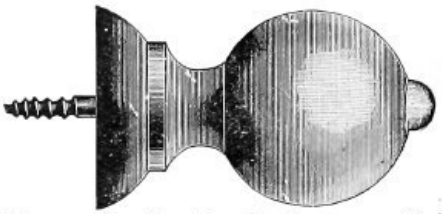


No. 42.

No. 41—Painted iron, 1¼ in. wide, in lengths of 2 ft., w't per length 1 lb., - - - - - per foot $0.10

No. 42—Wrought iron, bronzed, 1⅛ in. wide, in lengths of 4, 6 or 8 ft., w't 6 ft. length 5¼ lbs., - per foot .15

BASE KNOBS.



No. 42—2½ in., *maple*, rubber tipped, w't per gro. 13 lbs., per gross, - - - - - - - - $3.00

No. 43—3 in., *maple*, rubber tipped, w't per gro. 14 lbs., per gross, - - - - - - - - 3.30

No. 46—2½ in., *black walnut*, rubber tipped, w't per gro. 13 lbs., - - - - - - - - per gross 3.80

No. 47—3 in., *black walnut*, rubber tipped, w't per gro. 14 lbs., - - - - - - - - per gross 4.20

No. 49—2½ in., *oak*, rubber tipped, w't per gro. 15 lbs., per gross, - - - - - - - - 3.80

No. 50—3 in., *oak*, rubber tipped, w't per gro. 16 lbs., per gross, - - - - - - - - 4.20

ONE QUARTER GROSS IN A BOX.

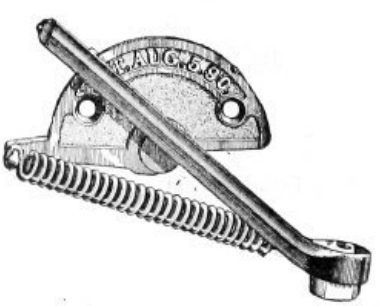
No. 1—2½ in., walnut bronzed iron, rubber tipped, w't per gro. 12 lbs., - - - - - per gross $ 5.00

No. 1B—2½ in., old copper finish iron, rubber tipped, w't per gro. 12 lbs., - - - - - per gross 20.00

ONE QUARTER GROSS IN A BOX.

DOOR HOLDERS.

No. 1.



Nos. 2 and 20.

Brohard.

No. 1—Enameled steel spring, rubber foot, for light doors, w't per doz. 5 lbs., - - - - per dozen $ 3.00

No. 2—Enameled steel spring, rubber foot, for heavy doors, w't per doz. 8 lbs., - - - - per dozen 6.00

No. 20—Electro-bronze plated, steel spring, rubber foot, for heavy doors, w't per doz. 11 lbs., - - per dozen 12.00

Made of the very best malleable iron, will not injure the floor or tear the carpet, as the end that strikes the floor is covered with pure rubber, which increases the holding power. Easily adjusted by any one, being fastened to the door by two wood screws. Being attached to the door only, there is no obstruction on the floor to catch ladies' dresses or for persons to stumble over. It is not necessary to stoop to work them—use foot.

HALF DOZEN IN A BOX, WITH SCREWS.

SUPERIOR DOOR HOLDERS.

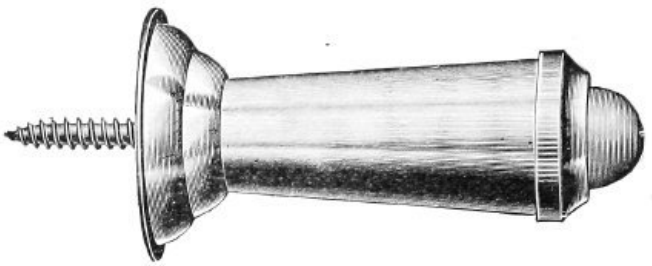
Length 7 Inches.

No.	02—Japanned iron, - - - -	per dozen	$ 7.00
No.	22—Polished bronze plated iron, - -	"	9.60
No.	032—Unpolished old copper plated iron, -	"	8.30
No.	32—Polished old copper plated iron, -	"	9.60
No.	33—Dull or lemon brass plated iron, -	"	9.60
No.	34—Shaded antique brass plated iron, -	"	9.60
No.	42—Sand blast old copper plated iron, -	"	9.60
No.	52—Polished Bower-Barff, - - -	"	9.60
No.	62—Polished plain bronze, - - -	"	16.00
No.	72—Polished old copper plated bronze, -	"	17.50
No.	82—Sand blast old copper plated bronze,	"	17.50

The bolt is held up by a spring and when pressed down by the foot it locks, but can be instantly released by pressing on the plate surrounding the bolt. The bolt is supplied with a soft rubber tip, which can be replaced when worn out.

HALF DOZEN IN A BOX. WEIGHT PER DOZEN 13 LBS.

BASE KNOBS.



Full Size Cut.

Wrought Steel, Rubber Tip.

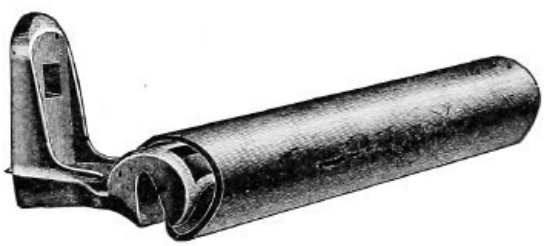
No.	P143—3 in., polished plain bronze plated steel,	per dozen	$2.00
No.	OC143—3 in., polished old copper plated steel,	"	2.00
No.	SC143—3 in., sand blast old copper plated steel,	"	2.00
No.	F143—3 in., Bower-Barff steel, - -	"	2.00
No.	DB143—3 in., dull or lemon brass plated steel,	"	2.00
No.	AB143—3 in., shaded antique brass plated steel	"	2.20
No.	A143—3 in., plain brass plated steel, -	"	2.00

ONE DOZEN IN A BOX. WEIGHT 28 LBS. PER DOZEN.

BARN DOOR HANGERS.

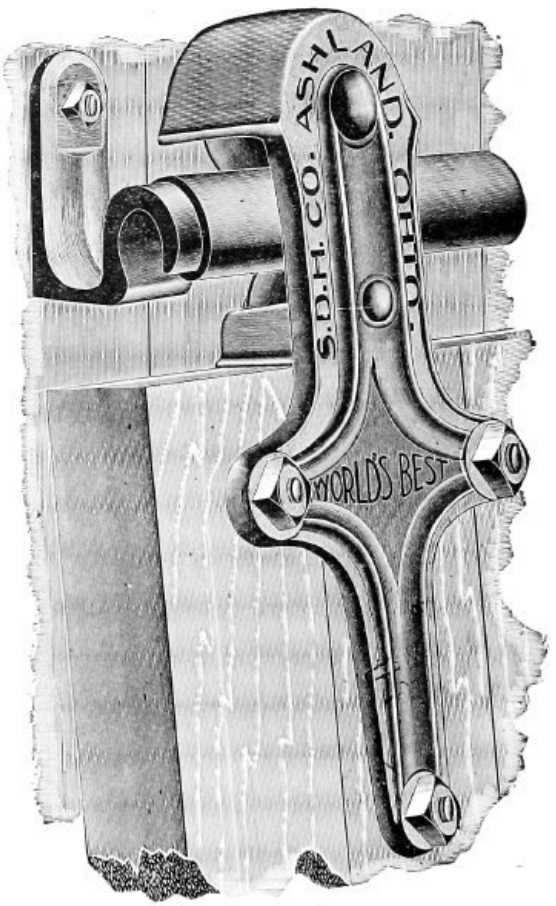
WORLD'S BEST.

The manufacturer of this hanger claims for it many points of superiority. While not belonging to the hinge or flexible family, it possesses some of their good points. Will permit doors to swing out at bottom sufficiently to pass any obstructions that may be in the way, and has the positive "stayon" feature. The large roller bearings dispense with all friction and make it easy to operate. Can be applied quickly, requiring no cutting or mortising; has turned wheel. The guide underneath the rail will prevent derailment. This hanger is made with a view of meeting the constantly growing demand for a hanger of superior strength, and is fully guaranteed to give general satisfaction.



This track is made of high grade open hearth stock, which is pickled and limed, insuring a perfectly smooth surface. A sufficient number of brackets are included with track.

Intermediate brackets for rail are made of heavy malleable iron, 1½ in. wide, and furnish a coupling for the ends of the section of rails, and are used ordinarily 22 in. apart. Two malleable end brackets go with each pair of hangers, and are packed with hangers.

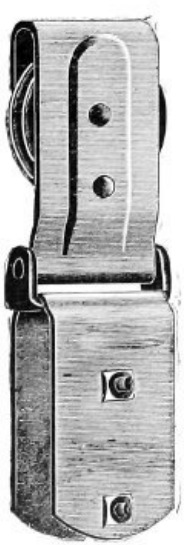


Showing Door Swinging.

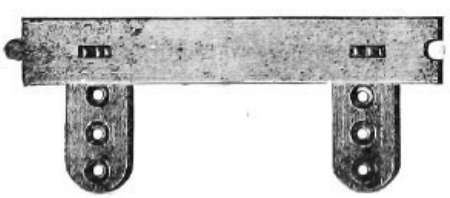
No. 10 —Malleable iron, finished in aluminum, with ⅜×2½ in. bolts, w't per doz. prs. 86 lbs., - - - per dozen pairs $19.20

No. 10T—Track in 6, 8 and 10 ft. lengths, 1¼ in. outside diameter, complete with brackets, w't per ft. 14 oz., - per foot .14

ONE PAIR IN A SLIDE COVERED WOOD BOX.



PRESIDENT.

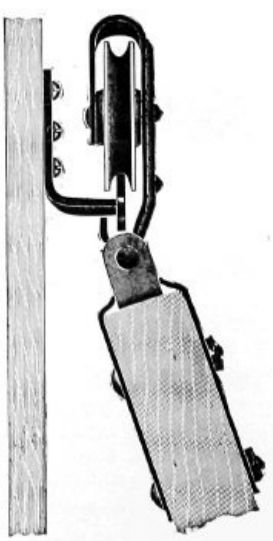


Swing Pattern.

No. 12 —Japanned, roller bearing, covered wheel, reinforced cover, cannot be thrown from track, w't per doz. prs. 80 lbs., - - - per dozen pairs $16.00

No. 12T—Track for same, lengths 6, 8 and 10 ft., w't per 100 ft. 100 lbs., per foot .11

ONE PAIR IN A BOX, ONE DOZEN PAIRS IN A CASE.



BARN DOOR HANGERS.

O.V.B. TROLLEY.

Showing sectional view of track and hanger.

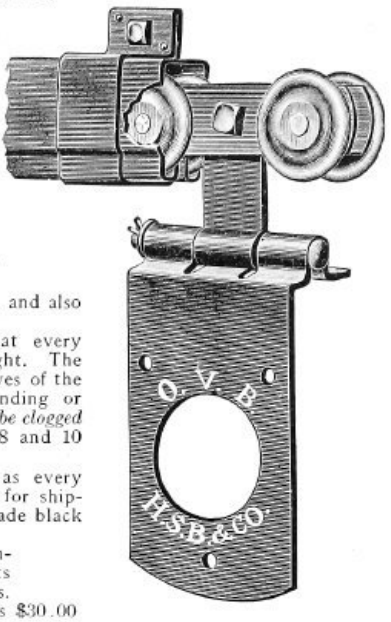
The Hanger is constructed entirely of steel except the wheels which are made of the best cast iron, turned smooth. The axles pass through steel tubes fitted with roller bearings which distribute the weight evenly on all parts of the truck and makes it entirely anti-friction. A heavy bolt is used to connect the drop strap with the truck, thus allowing the door to be adjusted close to the building, and holding it rigidly in its place.

The Drop Strap is made in two parts with a rolled hinge joint, and connected with a ⅜ inch steel pin which can be drawn out, saving labor in hanging a door, and also allows the door to swing out at right angles.

The Track is rolled on special machinery so that every foot is precisely the same, absolutely true and straight. The wheels run freely and easily in the rounded grooves of the track as the OFFSET prevents any sticking, binding or scraping. *Birds cannot nest in the track, nor can it be clogged by sleet or snow.* Track can be furnished in 4, 6, 8 and 10 foot lengths.

The Finish and Workmanship is of the best as every hanger is carefully inspected before being packed for shipment. All exposed parts are japanned with high grade black baking japan.

No. 8 O.V.B.—Trolley Barn Door Hangers, complete with screws, bolts, and three brackets (two end and one center), w't per doz. p'rs. 144 lbs.....per dozen pairs $30.00



Illustrating the hanger complete, also a view of the track.

ONE PAIR IN A BOX. SIX IN A CASE.

Track.

No. 8T O.V.B.—Track, in 6, 8 and 10 ft. lengths, w't per 100 ft. 150 lbs..per hundred feet $20.00

Brackets.

No. 8B O.V.B.—Brackets, w't 1¼ lbs.....each $0.20

Three brackets, two end and one center are furnished with each pair of hangers. For each ADDITIONAL length of 6 ft. track one EXTRA bracket is required, 8 ft. two and 10 ft. three.

REVONOC

Sectional view of the Track and Hanger.

Illustrating the Hanger and track.

The Hanger consists of a malleable iron truss frame which supports the double door straps. The stirrup from which the door strap is hung, is secured to the track by means of a steel axle. The door straps, which are double, have holes for two bolts on each strap so that the bolt can be run through the door and thus assure double strength.

The Truck has two solid ball wheels, or rollers, which have a very wide thread in the track, and are run on roller bearings. The side plates are shaped so as to allow the truck to run smoothly and evenly and without scraping the sides of the track. They are light running, frictionless, flexible and noiseless.

The Track is made of No. 14 gauge steel specially formed and slotted, ¼ in. on the under side to take the hanger frame. It is 2¼ in. in diameter (inside measurement) and furnished in 3 foot lengths. The sections are rigidly joined together by No. 12 gauge steel splices, 2½ in. wide, within which the sections meet at the center of the splice and lock. *Birds cannot nest in the track, nor can snow or sleet clog it.* The track is secured to the barn by means of heavy brackets.

No. 18 REVONOC—Barn Door Hangers, complete with bolts, and two end caps, w't per doz. p'rs. 110 lbs.....per dozen pairs $24.00

ONE PAIR IN A BOX. SIX IN A CASE.

Track.

No. 18T REVONOC—Track, in 3 foot lengths .....per hundred feet $17.50

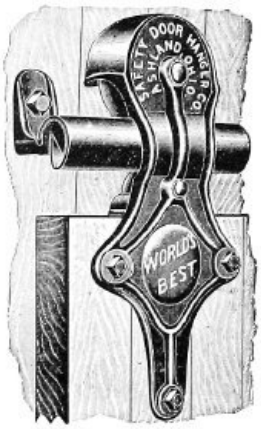
96 FEET IN A CASE. W'T 205 LBS.

Combination Track Splice and Brackets.

No. 18B REVONOC—Combination track splice and brackets, for each additional length of track, each $0.13

Two end CAPS are furnished with each pair of hangers. As brackets are NOT furnished with the hangers it is necessary to have two brackets to hang the first length of track, and one EXTRA for each ADDITIONAL length.

WORLD'S BEST.



This cut illustrates the Hanger on track as it is hung to the barn.

While not belonging to the hinge or flexible family it possesses many of their good points. Will permit door to swing out at the bottom sufficiently to pass any obstruction that may be in its way.

The large roller bearings dispense with all friction and make it easy to operate. The lower wheel underneath the rail prevents derailment.

The track is of steel, with a perfectly smooth surface thus assuring easy running. A sufficient number of brackets are included with each length of track, to hang securely.

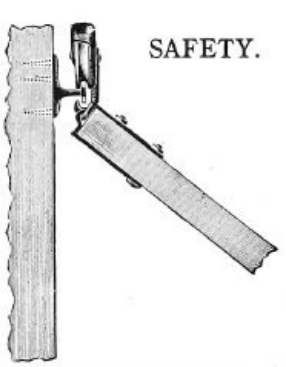
No. 10—Malleable iron, finished in aluminum, complete with bolts, w't per doz. p'rs. 96 lbs....per dozen pairs $19.20

ONE PAIR IN A BOX.

Track.

No. 10T—Track, in 4, 6, 8 and 10 foot lengths, complete with brackets, w't per 100 ft. 87 lbs....per hundred feet $14.00

SAFETY.



Showing sectional view.

The Hanger.

In the Safety Barn Door Hanger we have as good a flexible, medium priced hanger as can be had. As a swing-hanger it is easily classed with the best. The frame and wheel are of malleable iron, and are very strong. The wheel is 3¼ in. in diameter and has a deep thread or groove, assuring a good grip on the track.

The retaining hook under the track makes it impossible for the hanger to be thrown off the track. The flexible feature allows the door to move easily without binding, and permits it to swing out in case of wind storms or stock pushing against it, without throwing the door off the track or tearing the track loose. Can be hung in about one-fourth the time required for the old style rigid hangers. Adapted to Safety steel rail.

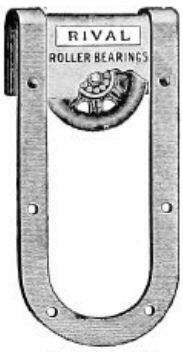
No. 20—Aluminum finished, w't per doz. prs. 80 lbs .....per dozen pairs $16.00

ONE PAIR IN A BOX.

No. 6T—¼x$\frac{3}{16}$ round edge, 6, 8 and 10 foot lengths, light, flexible, w't per 100 ft. 100 lbs.....per hundred feet $11.00

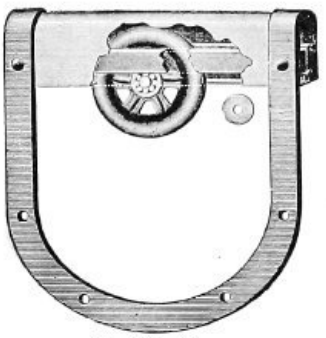
BARN DOOR HANGERS.

RIVAL.



Nos. 1 and 2.

SUPERB.



Nos. 3 and 4.

Rival, Wrought Steel Covered Frame, Japanned, Roller Bushed Bearings.

No. 1—3¼ in. wheel, ⅜×1 in. strap, 5×11 in. frame, w't per doz. pairs 72 lbs., - - - per dozen pairs $12.00

No. 2—4 in. wheel, ¼×1 in. strap, 6×12 in. frame, w't per doz. pairs 103 lbs., - - - per dozen pairs 14.00

ADAPTED TO "O. V. B." OR FLAT STEEL RAILS.
ONE DOZEN PAIRS IN A CRATE.

Superb, Wrought Steel Frame, Japanned, Anti-Friction, with Roller Bushed Loose Axle.

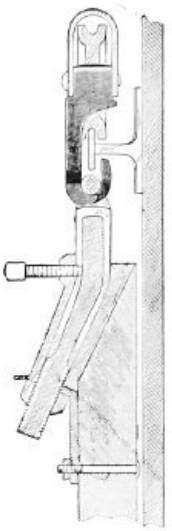
No. 3—3¼ in. wheel, ¼×1 in. strap, 9×10 in. frame, w't per doz. pairs 100 lbs., - - - per dozen pairs $15.00

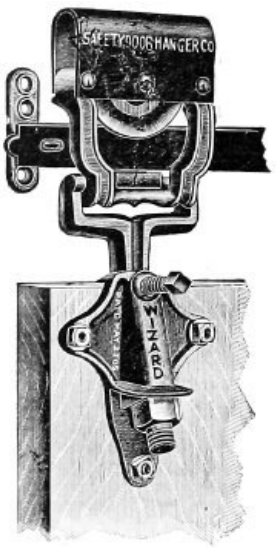
No. 4—4 in. wheels, ¼×1⅜ in. strap, 9×11 in. frame, w't per doz. pairs 110 lbs., - - - per dozen pairs 18.00

The axle rolls along the rider bars to the end of the runway. It stops there and the wheel turns freely upon it on anti-friction roller bushings. Adapted to "O. V. B." or flat steel rails.

ONE DOZEN PAIRS IN A CRATE.

WIZARD.



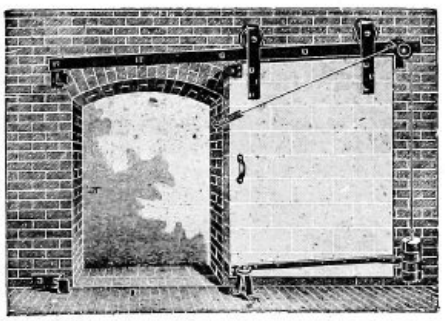


Adjustable, Malleable Iron Frame, Sliding Link and Door Plate, Steel Wheel Housing, Anti-Friction Roller Bearings, with Lateral Adjusting Screw, and Vertical Adjusting Nut.

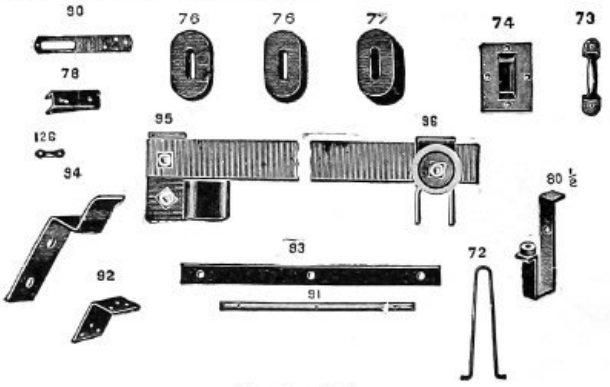
No. 8—3½ in. wheel, two-piece frame, 5×13 in., w't per doz. pairs 135 lbs., - - - per dozen pairs $20.00

FIRE DOOR FIXTURES.

For Shipment from Factory Only. Factory at Aurora, Ill.



Showing Fixtures Attached.



Showing Parts.

No. 204—National Underwriters' Fixtures (without hangers or track), weight per set 50 lbs., - - - - - - per set $8.00

No. 401—National Hangers only, ⅜×3½×20 in., wrought iron pendant, 4½ in. malleable iron wheel, weight per pair 25 lbs., per pair 4.00

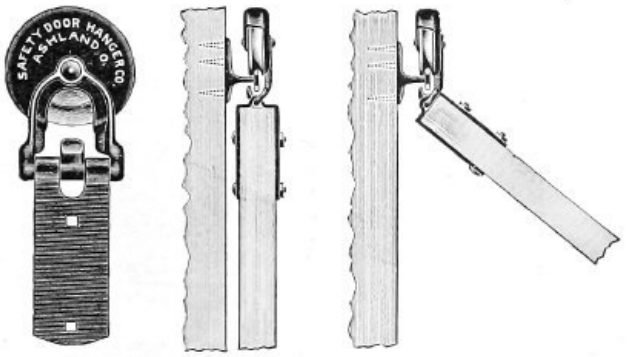
Track, ⅜×3½ in., with bracket, weight 4 lbs., - per foot .40

No. 204 fixtures are made in accordance with specification of National Board of Underwriters, and are accepted in all states and Canada. Fusible link is shown from both sides of opening. Top binder, back stop and rope pulley are attached to track, saving exposure of bolts and drilling wall, requiring track 20 in. longer than double the width of opening. Track is furnished in one piece, heavy enough for large doors. Track should be bolted through wall and placed on an incline of ¾ in. to the foot.

DIRECTIONS FOR ORDERING—State width of opening and thickness of doors, and if doors are to be used on one or both sides of wall. Doors lap 4 in.; do not say doors when you mean opening. If bolts are wanted give thickness of wall.

PRICE OF FIXTURES DOES NOT INCLUDE COST OF HANGERS AND TRACK, OR BOLTS AND SCREWS FOR ATTACHING EQUIPMENT.

BARN DOOR HANGERS.



No. 20—SAFETY, flexible, japanned, size of wheel 3¼ in., malleable iron frame and wheel, 2½×5 in. steel strap, hardened steel roller bearings and axle, w't per doz. pairs 80 lbs., - - - - - - per dozen pairs $16.00

The retaining hook under the track makes it impossible for the hanger to be thrown off the track. The flexible feature allows the door to move easily without binding and permits it to swing out in case of wind storms or stock pushing against it without throwing the door off the track or tearing the track loose. Can be hung in about one-fourth the time required for the old style rigid hangers.

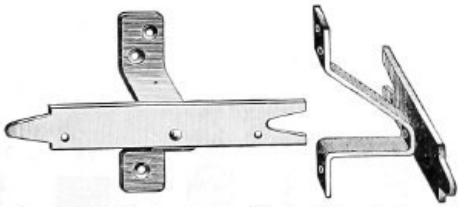
Adapted to Safety steel rail.

ONE PAIR WITH BOLTS, IN A NEAT WOOD BOX WITH SLIDE COVER.
ONE DOZEN PAIRS IN A CASE.

BARN DOOR RAIL.

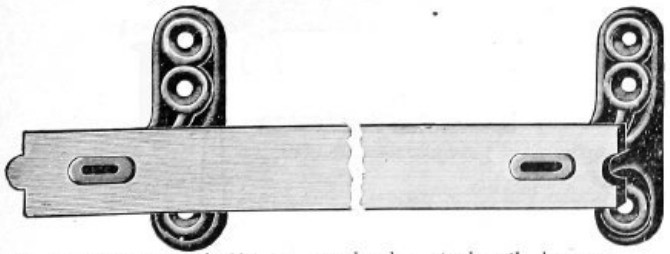
No. 3—"OUR VERY BEST," all steel, double flanged and braced, brackets 12 in. apart, 1⅝ in. offset, w't per 100 ft. 90 lbs., - - - - - - per foot $0.10

IN LENGTHS OF SIX, EIGHT, OR TEN FEET.



No. 5—Light, size 1×3/16 in., wrought steel, brackets 11 in. apart, 1¾ in. offset, w't per 100 ft. 81 lbs., - per foot $0.08

IN LENGTHS OF SIX, EIGHT, OR TEN FEET.



No. 6—SAFETY, 1¼×3/16 in. round edge steel rail, heavy double braced malleable iron brackets 14 in. apart, 1½ in. offset, w't per 100 ft. 100 lbs., - per foot $0.11

IN LENGTHS OF SIX, EIGHT, OR TEN FEET.

No. 1—Single Flanged, cast iron, for check back hangers, per foot, - - - - - - - - $0.02½

TWO HUNDRED FEET IN A CASE. WEIGHT 85 LBS. PER CASE.

NOVELTY CHECK BACK.

Japanned.

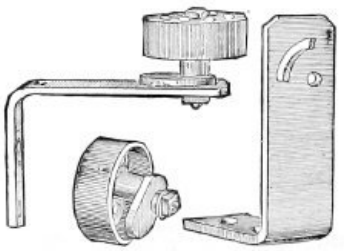
Wheels,	3	4	5	6 in.
W't per doz. pairs,	62	85	115	150 lbs.
Per dozen pairs,	$7.20	10.80	14.40	18.00

Adapted to single flange or "O. V. B." rail.

ONE DOZEN PAIRS IN A CASE.

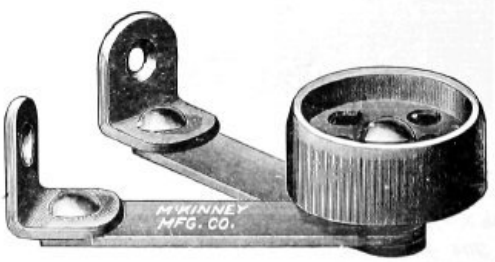
BARN DOOR STAYS.

No. 1—Common, ½×6 in. wrought screw, w't per doz. 8 lbs., per dozen, - - - - - - - - - $1.25



No. 2—FAULTLESS, wrought iron, projection 2½ in., malleable iron wheel, adjustable, japanned, w't per doz. 12 lbs., per dozen, - - - - - - - - $2.00

Can be applied inside or outside of door.

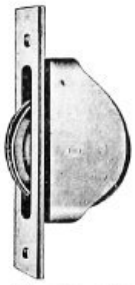


No. 3—Hinge, wrought iron, projection 4½ in., malleable iron wheel, adjustable, japanned, w't per doz. 9 lbs., per dozen $2.00

FRAME PULLEYS.

CAST IRON.

Nos. 50 to 30 and No. OC50.



Nos. 60 to 80 and No. OC60.

Plain Face, Polished Wheel, Wrought Iron Pin, ROUND End.

Nos	50	40	30
Wheel	2	2¼	2½ in.
W't per doz	5	6	8 lbs.
Per dozen	$0.34	.60	.80

Plain Face, Polished Wheel, Wrought Iron Pin, SQUARE End.

Nos	60	70	80
Wheel	2	2¼	2½ in.
W't per doz	5	6	8 lbs.
Per dozen	$0.34	.60	.80

2 IN. ABOUT 90 DOZEN; 2¼ IN. ABOUT 55 DOZEN, AND 2½ IN. ABOUT 45 DOZEN IN A BARREL.

Old Copper Finished Face, Polished Wheel, Wrought Iron Pin.

No. OC50—2 in. wheel, *round* end, w't per doz. 5 lbs. ..... per dozen $1.50

No. OC60—2 in. wheel, *square* end, w't per doz. 5 lbs. ..... per dozen 1.50

ONE DOZEN IN A BOX.

No. 31.

No. 32.

No. 31—2 in., PALMER'S COMMON SENSE, polished wheel, w't per doz. 4½ lbs., per dozen $0.44

No. 32—2 in. Common Sense pattern, polished wheel, w't per doz. 4 lbs., per dozen ..... .38

ABOUT 125 DOZEN IN A BARREL.

No. 4—2 in., IDEAL, polished wheel, w't per doz. 4 lbs. ..... per dozen $0.42

ABOUT 100 DOZEN IN A BARREL.

CAST IRON, CHAIN.

No. 112—2¼ in., Noiseless, *grooved for chain*, ⅜ in. steel pin, polished and lacquered face and wheel, w't per doz. 7 lbs ..... per dozen $1.60

ABOUT 50 DOZEN IN A CASE.

STEEL.

No. GR 17.

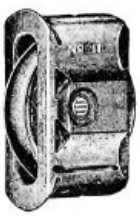
No. GR 12.

Grand Rapids Pattern, Cold Rolled Steel Wheel and Frame.

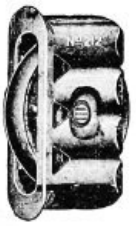
No. GR17—2 in., Common Sense pattern, axle bearing, mortise by boring five 1 in. holes, centers ¾ in. apart, making the two end holes only 1/16 in. deep, for face plate, w't per doz. 2 lbs. ..... per dozen $0.45

No. GR12—2 in., axle bearing, will fit four hole mortise made by 13/16 in. bit, centers ⅝ in. apart, w't per doz. 1½ lbs. per dozen ..... .50

ABOUT 100 DOZEN IN A BARREL.



No. GR11.



No. GR212.

Grand Rapids Pattern, Cold Rolled Steel Wheel and Frame.

No. GR11 —2 in., axle bearing, will fit three hole mortise, made by 1 in. bit, centers ¾ in. apart, w't per doz. 1½ lbs. per dozen $0.50

No. GR212—2 in., *solid steel ball bearings*, running on a turned steel cone axle, will fit four hole mortise made by 13/16 in. bit, centers ⅝ in. apart, w't per doz. 1¾ lbs. ..... per dozen .60

ABOUT 100 DOZEN IN A BARREL.

★*FOR FACTORY SHIPMENT ONLY.*

STEEL.

No. GR611.

No. 5.

Cold Rolled Steel Frame and Wheel, Ball Bearing.

No. GR611—2 in., Grand Rapids Ottumwa pattern, solid steel ball bearings run on solid steel cone axle, fits same size mortise as the No. 5 Ottumwa, w't per doz. 1¾ lbs. ..... per dozen $0.60

ABOUT 125 DOZEN IN A BARREL.

No. 5 — OTTUMWA, 2 in., hollow steel ball bearings, run on cone stamped up from frame, w't per doz. 1½ lbs., per dozen ..... .65

ABOUT 100 DOZEN IN A BARREL.

QUADRUPLE MORTISERS.

No. 12—GRAND RAPIDS, bores four 13/16 in. holes, centers ⅝ in. apart, for Nos. GR12 and GR212 pulleys, w't 1¼ lbs. ★, each $10.00

No. 11—GRAND RAPIDS, bores three 1 in. holes, centers ¾ in. apart, for No. GR11 pulleys, w't 1 lb. ★ ..... each 10.00

All these bits are fitted, unless otherwise ordered, with ½ in. standard shanks, and are suitable for use in any belt power boring machine, but not for a hand brace. These bits make perfect mortises. No cutting, trimming or fitting.

PULLEYS.

UPRIGHT PULLEYS

Cast Iron, Japanned.

No. 210—Inches ..	2	2½	3
Size of rope.....	5/16	5/16	5/16 in.
W't per doz.....	3½	6½	8 lbs.
Per dozen $0.85		1.32	1.80

ONE DOZEN IN A BOX.

SIDE PULLEYS.

Cast Iron, Japanned.

No. 195—Inches ..	1½	1¾	2
Size of rope.....	¼	¼	5/16 in.
W't per doz.....	2½	4	5 lbs.
Per dozen .....$	0.55	.63	.84
No. 195—Inches ..	**2½**	**3**	**4**
Size of rope.....	3/8	3/8	5/8 in.
W't per doz.....	10½	16	36 lbs.
Per dozen	1.25	1.84	4.75

ONE DOZEN IN A BOX.

HOT HOUSE PULLEYS.

Cast Iron, Japanned.

No. 145—2 in., extra heavy, for 5/16 in. rope, w't per doz. 9 lbs.....per dozen $1.30

No. 150—2¼ in., extra heavy, for 3/8 in. rope, w't per doz. 12 lbs.....per dozen 1.75

ONE DOZEN IN A BOX.

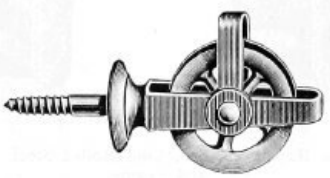
SCREW PULLEYS.

Cast Iron, Japanned.

No. 180—Inches ..	1	1¼	1½
Size of rope.....	3/16	¼	¼ in.
W't per doz.....	1¼	1½	1¾ lbs.
Per dozen $0.36		.38	.42
No. 180—Inches ..	**1¾**	**2**	**2¼**
Size of rope.....	¼	5/16	5/16 in.
W't per doz.....	2	2¾	3½ lbs.
Per dozen $0.50		.70	.90
No. 180—Inches ..	**2½**	**3**	**4**
Size of rope.....	5/16	5/16	5/8 in.
W't per doz.....	5	6½	19 lbs.
Per dozen $1.00		1.45	3.60

1½ TO 2¼ IN., TWO DOZEN; BALANCE, ONE DOZEN IN A BOX.

ENCASED SCREW PULLEYS.



No. 46—1½ in., cast iron, japanned, w't per doz. 2¾ lbs.....per dozen $0.80

ONE DOZEN IN A BOX.

Cast Iron, Japanned

No. 190—Inches ..	2	2½
Size of rope.....	5/16	3/8 in.
W't per doz.....	4½	7 lbs.
Per dozen $1.12		1.50

ONE DOZEN IN A BOX.

CLOTHES LINE.

No. 2—1¾ in. wheel, cast iron, galvanized, with large eye to allow knots to pass, w't per doz. 4¼ lbs.....per dozen $0.80

ONE DOZEN IN A BOX.

No. 225—2½ in. wheel, cast iron, japanned, 3/8 in. rope, w't per doz. 6 lbs., per dozen..... $0.90

ONE DOZEN IN A BOX.

Cast Iron.

No. 70—1¼ in. wheel, *japanned*, hinged to plate to screw on, w't per doz. 4½ lbs.,.....per dozen $0.75

No. 75—1¼ in. wheel, *galvanized*, hinged to plate to screw on, w't per doz. 4½ lbs.,.....per dozen 1.25

ONE DOZEN IN A BOX.

Cast Iron Frame, Wrought Screw.

No. 080—1¼ in. wheel, *japanned*, hinged to screw head, for ¼ in. rope, w't per doz. 4½ lbs.,.....per dozen $0.85

No. 85—1¼ in. wheel, *galvanized*, hinged to screw head, for ¼ in. rope, w't per doz. 4½ lbs.,.....per dozen 1.30

ONE DOZEN IN A BOX.

THE SIZE OF ROPE GIVEN IS THE MAXIMUM SIZE.

PULLEYS, HOOKS AND CLEATS.

AWNING OR TACKLE PULLEYS.

Single Wheel, Cast Iron, Japanned.

No. 740—Inches	¾	1	1¼
Size of rope	5/16	¼	9/32 in.
W't per doz.	1½	2	2½ lbs.
Per dozen	$0.40	.46	.55

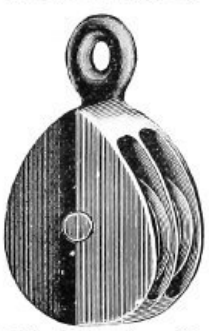
No. 740—Inches	1½	1¾	2
Size of rope	5/16	⅜	7/16 in.
W't per doz.	4	6	10 lbs.
Per dozen	$0.70	.95	1.20

Single Wheel, Cast Iron, Galvanized.

No. 1740—Inches	1	1¼	1½
Size of rope	¼	9/32	5/16 in.
W't per doz.	2	2½	4 lbs.
Per dozen	$0.66	.88	1.25

No. 1740—Inches	1¾	2
Size of rope	⅜	7/16 in.
W't per doz.	6	10 lbs.
Per dozen	$1.75	2.75

ONE DOZEN IN A BOX.



Double Wheel, Cast Iron, Japanned.

No. 760—Inches	1	1¼	1½
Size of rope	¼	9/32	5/16 in.
W't per doz.	3	4	7 lbs.
Per dozen	$0.66	.80	1.15

No. 760—Inches	1¾	2
Size of rope	⅜	7/16 in.
W't per doz.	12	16 lbs.
Per dozen	$1.60	2.50

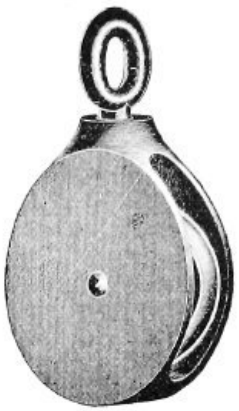
Double Wheel, Cast Iron, Galvanized.

No. 1760—Inches	1	1¼	1½
Size of rope	¼	9/32	5/16 in.
W't per doz.	3	4	7½ lbs.
Per dozen	$1.05	1.20	2.00

No. 1760—Inches	1¾	2
Size of rope	⅜	7/16 in.
W't per doz.	12	16 lbs.
Per dozen	$3.30	4.00

ONE DOZEN IN A BOX.

AWNING PULLEYS.



Single Wheel, Cast Iron, Japanned, Swivel Eye.

No. 730--Inches.	1	1¼	1½	2
Size of rope	¼	9/32	5/16	7/16 in.
W't per doz.	2¼	3	5	12 lbs.
Per dozen	$0.70	.77	1.13	2.25

ONE DOZEN IN A BOX.

Single Wheel. Double Wheel.

Single Wheel, Cast Iron, Japanned, 5/16 Inch Rope.

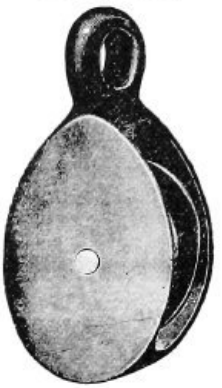
Nos	110	115	120
Wheel	2	2½	3 in.
W't per doz.	6	10½	18 lbs.
Per dozen	$1.10	1.60	2.20

Double Wheel, Cast Iron, Japanned, 5/16 Inch Rope.

Nos	125	130	135
Wheel	2	2½	3 in.
W't per doz.	8	16	24 lbs.
Per dozen	$1.80	2.50	3.20

HALF DOZEN IN A BOX.

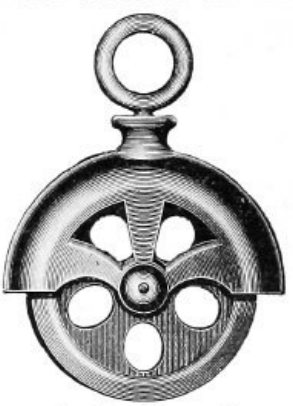
WAGON BRAKE OR TACKLE PULLEYS.



No. 100—2½ in. wheel, single, extra heavy, cast iron, japanned, will take ⅝ in. rope, w't per doz. 21 lbs. per dozen $2.80

No. 101—2½ in. wheel, double, extra heavy, cast iron, japanned, will take ⅝ in. rope, w't per doz. 28 lbs. per dozen 4.20

ENCASED SWIVEL PULLEYS.



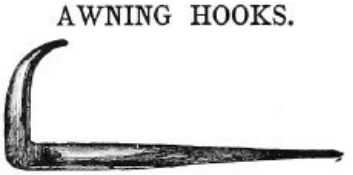
Cast Iron, Japanned.

No. 601—2½ in. wheel, for 5/16 in. rope, w't per doz. 7 lbs. ..... per dozen $1.30

No. 602—3 in. wheel, for 5/16 in. rope, w't per doz. 9 lbs. ..... per dozen 1.50

ONE DOZEN IN A BOX.

AWNING HOOKS.



Wrought Steel.

No. 4—4 in., w't per gro. 11 lbs. per gross $ 7.00

No. 5—5 in., w't per gro. 22 lbs., " 10.00

HALF GROSS IN A BOX.

ROPE CLEATS.

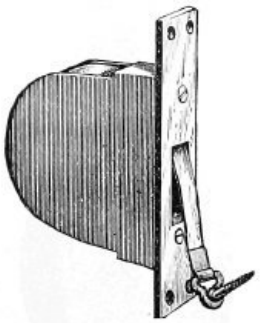
No. 15—5 in., wrought steel, galvanized, w't per doz. 1½ lbs. ..... per dozen $1.50

THREE DOZEN IN A BOX.

THE SIZE OF ROPE GIVEN IS THE MAXIMUM SIZE.

SASH BALANCES.

CALDWELL.

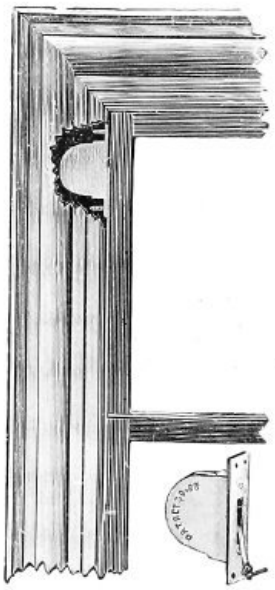


Side, Malleable Iron Case and Face Plate, Flat Steel Ribbon.

NOS.	WEIGHT OF SASH, POUNDS.	LENGTH OF TAPE, INCHES.	W'T PER SET (4).	PER SET (4.)
6	4 to 6	30	3	$2.00
8	6 to 8	30	3	2.20
10	8 to 10	34	3½	2.40
12	10 to 12	38	4½	2.60
14	12 to 14	42	4¾	2.80
16	14 to 16	42	7	3.00
18	16 to 18	44	7	3.20
20	18 to 20	46	7½	3.40
23	20 to 23	50	9	4.00
26	23 to 26	50	9	4.25
29	26 to 29	52	9½	4.50
32	29 to 32	52	10	4.75
35	32 to 35	54	13½	5.50
38	35 to 38	54	13½	5.75
41	38 to 41	54	13½	6.00
44	41 to 44	54	14	6.25
47	44 to 47	50	14½	6.50
50	47 to 50	50	18½	9.00

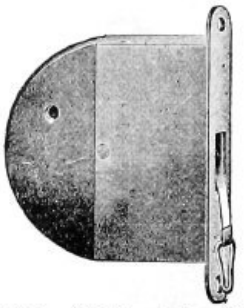
These balances are all made with square inch face plate, and are absolutely square and true, so that no balance can be set in crooked. They are easily adjusted by simply turning the screw in the face plate, and work absolutely smooth and noiseless.

ONE SET IN A BOX, WITH SCREWS.



Showing How Balances Are Applied to Frames.

PULLMAN.



Wrought Steel Frame and Face Plate, Adjustable, Noiseless, Enclosed Drum and Ribbon, Rolled Edge.

NOS.	WEIGHT OF SASH, POUNDS.	LENGTH OF TAPE, INCHES.	W'T PER SET (4) LBS.	PER SET (4.)
1	6 to 7	30	3	$2.40
2	8 to 9	30	4	2.60
3	10 to 11	46	5	2.80
4	12 to 13	46	5¼	3.10
5	14 to 15	46	5½	3.40
6	16 to 17	46	7	3.70
7	18 to 19	46	7	4.00
8	20 to 21	46	7¼	4.70
9	22 to 23	46	7½	5.00
10	24 to 26	54	10	5.30
11	27 to 29	54	10¼	5.50
12	30 to 32	54	10½	6.00
13	33 to 35	54	14	6.50
14	36 to 38	54	14½	7.00
15	39 to 41	54	15	7.50

One set, as priced above, consists of four balances, sufficient to hang one complete window—two sashes. They are placed in the window frame the same as ordinary pulley, having an automatic adjustment that does not require an adjusting screw or some similar device which makes the tape buckle or break. The Pullman balances are easily placed in position and owing to automatic adjustment can be quickly applied.

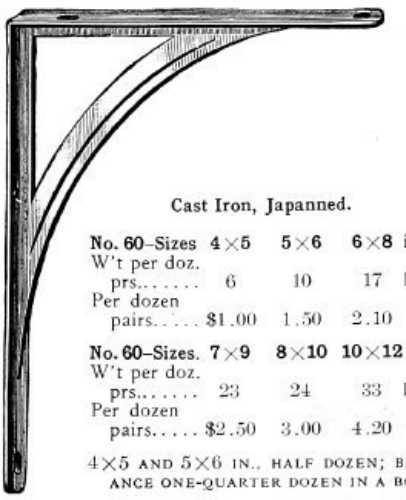
ONE SET IN A BOX.

SHELF BRACKETS.

Steel Wire, Japanned.

No. 10–Sizes	4×5	5×7	6×8 in.
W't per doz. prs.....	2	4	5½ lbs.
Per dozen pairs.....	$1.60	2.40	3.00
No. 10–Sizes	**7×9**	**8×10**	**10×12 in.**
W't per doz. prs.....	6½	8½	11 lbs.
Per doz. prs.	$3.60	4.20	6.00

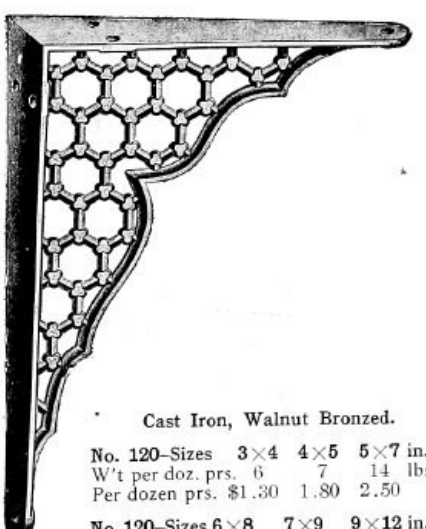
HALF DOZEN PAIRS IN A BOX.



Cast Iron, Japanned.

No. 60–Sizes	4×5	5×6	6×8 in.
W't per doz. prs.....	6	10	17 lbs.
Per dozen pairs.....	$1.00	1.50	2.10
No. 60–Sizes.	**7×9**	**8×10**	**10×12 in.**
W't per doz. prs.....	23	24	33 lbs.
Per dozen pairs.....	$2.50	3.00	4.20

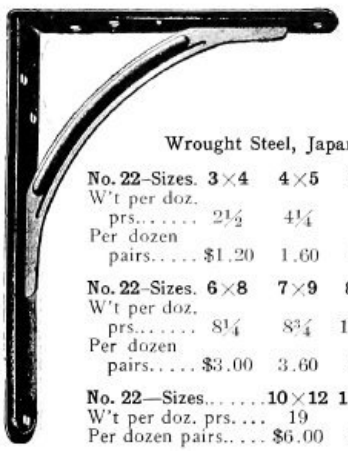
4×5 AND 5×6 IN., HALF DOZEN; BALANCE ONE-QUARTER DOZEN IN A BOX.



Cast Iron, Walnut Bronzed.

No. 120–Sizes	3×4	4×5	5×7 in.
W't per doz. prs.	6	7	14 lbs.
Per dozen prs.	$1.30	1.80	2.50
No. 120–Sizes	**6×8**	**7×9**	**9×12 in.**
W't per doz. prs.....	19	25	32 lbs.
Per dozen pairs.....	$3.00	3.75	5.75

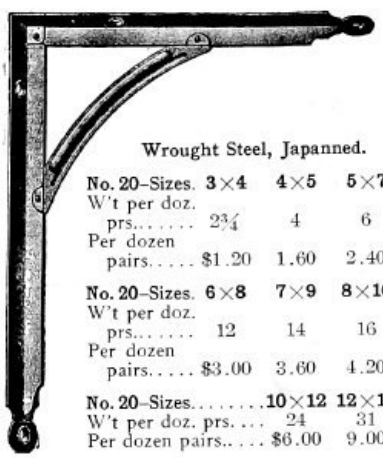
3×4 TO 5×7 IN., HALF DOZEN; BALANCE ONE-QUARTER DOZEN IN A BOX.



Wrought Steel, Japanned.

No. 22–Sizes.	3×4	4×5	5×7 in.
W't per doz. prs.....	2½	4¼	6¼ lbs.
Per dozen pairs.....	$1.20	1.60	2.40
No. 22–Sizes.	**6×8**	**7×9**	**8×10 in.**
W't per doz. prs.....	8¼	8¾	11½ lbs.
Per dozen pairs.....	$3.00	3.60	4.20
No. 22—Sizes.....		**10×12**	**12×14 in.**
W't per doz. prs....		19	28 lbs.
Per dozen pairs.....		$6.00	9.00

3×4 AND 4×5 IN., ONE DOZEN; 5×7 TO 7×9 IN., HALF DOZEN; BALANCE, ONE-QUARTER DOZEN IN A BOX.



Wrought Steel, Japanned.

No. 20–Sizes.	3×4	4×5	5×7 in.
W't per doz. prs.....	2¾	4	6 lbs.
Per dozen pairs.....	$1.20	1.60	2.40
No. 20–Sizes.	**6×8**	**7×9**	**8×10 in.**
W't per doz. prs.....	12	14	16 lbs.
Per dozen pairs.....	$3.00	3.60	4.20
No. 20–Sizes.....		**10×12**	**12×14 in.**
W't per doz. prs....		24	31 lbs.
Per dozen pairs.....		$6.00	9.00

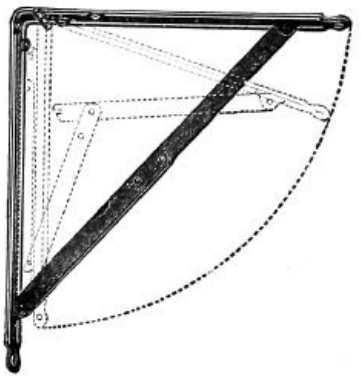
Wrought Steel, Brass Plated.

No. 30—Sizes.....	4×5	5×7	6×8 in.
W't per doz. prs.....	4	6	12 lbs.
Per dozen pairs.....	$4.40	6.20	8.20
No. 30—Sizes.....	**7×9**	**8×10**	**10×12 in.**
W't per doz. prs.....	14	16	24 lbs.
Per dozen pairs.....	$8.70	9.00	12.00

Wrought Steel, Old Copper Plated.

No. 40—Sizes.....	4×5	5×7	6×8 in.
W't per doz. prs.....	4	6	12 lbs.
Per dozen pairs.....	$4.40	6.20	$8.20
No. 40—Sizes.....	**7×9**	**8×10**	**10×12 in.**
W't per doz. prs.....	14	16	24 lbs.
Per dozen pairs.....	$8.70	9.00	12.00

3×4 TO 5×7 IN., ONE DOZEN; 6×8 AND 7×9 IN., HALF DOZEN; BALANCE, ONE-QUARTER DOZEN IN A BOX.

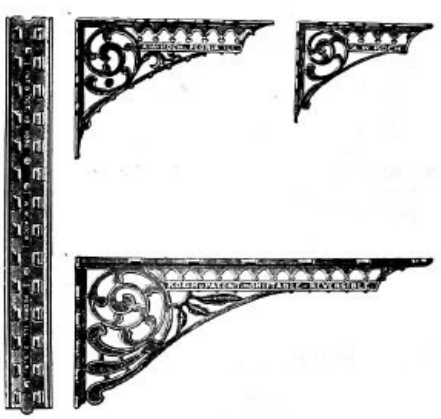


Folding, Wrought Steel, Japanned, for Folding or Swinging Shelves.

No. 8— 8× 8 in., w't per doz. pairs 14 lbs.....per dozen pairs $ 8.00
No. 12—12×12 in., w't per doz. pairs 30 lbs.....per dozen pairs 12.00

Locks automatically when lifted up, and can be let down entirely out of the way in an instant. Just the thing for kitchen, pantry and dining-room shelves. Invaluable for store show windows.

ONE-SIXTH DOZEN IN A BOX.



KOCH, Adjustable, Cast Iron, Japanned.

No. 101—3½× 4½	in., w't 5½ oz.	★each	$0.12
No. 102—6 × 8	in., w't 1¼ lbs.	★ "	.20
No. 103—8 ×12	in., w't 2 lbs.	★ "	.35
No. 104—8 ×16	in., w't 3 lbs.	★ "	.45
No. 105—9 ×21	in., w't 4 lbs.	★ "	.60
No. 110—Wall plates, 24 in. long (suitable for all sizes of brackets), w't 4 lbs.		each	.50

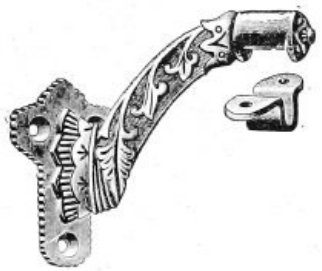
These brackets are supported by a number of catches on either side, by means of which each is held firmly in place, there being no side-play or liability to slip down accidentally. The wall plates are provided with screw holes for every 6 in. of their length, so they can be fastened securely to the walls. The entire front is open and unobstructed, and the entire top surface of shelf boards is available for goods. The objectionable wood partitions are entirely done away with, allowing the unhindered use of every inch of space. The brackets do not shut out the light nor make dark corners to hide the goods and prevent the easy removal of dust.

A section of shelving may be put up on the Koch reversible brackets, and additions to it made, in length or height, as more room is wanted, without altering or marring the rest, and it will be finished and complete first as last. Shelving may be run in continuous parallel lines; or in long or short sections of various height or width, and shelf room may be increased or diminished at pleasure.

★*FOR FACTORY SHIPMENT ONLY.*

BRACKETS AND PORCH SUPPORTS.

STAIR RAIL BRACKETS.



No. 5803—3¼ *in. projection*, enameled cast iron, w't per doz. 5½ lbs. per dozen $2.50

No. 5805—5 *in. projection*, enameled cast iron, w't per doz. 9 lbs.....per dozen 2.80

This bracket can be adjusted to any angle, is strong, easily adjusted, and quickly applied. Length given is the length from wall to center of rail.

HALF DOZEN IN A BOX.

No. 80—2½ in., electro plated, old copper finish, one piece heavy cast iron, w't per doz. 6 lbs.....per dozen $2.75

ONE DOZEN IN A BOX.

PORCH SUPPORTS.

No. 3—Japanned, diameter 3⅜ in., height 1¾ in., w't per doz. 11 lbs...per dozen $1.20

LOOSE.

No. 4—Japanned, extreme length 6 in., height 1¾ in., w't per doz. 8½ lbs., per dozen..... $1.20

LOOSE.

FLOWER POT BRACKETS.

No. 1760—Walnut bronzed iron, 5 in. arm, 4 in. shelf, w't per doz. 6½ lbs., per dozen..... $1.20

HALF DOZEN IN A BOX, WITH SCREWS.

No. 2000—Walnut bronzed iron, 7 in. arm, 4½ in. shelf, w't per doz. 11 lbs., per dozen..... $2.10

ONE-QUARTER DOZEN IN A BOX, WITH SCREWS.

FLOWER POT BRACKETS.

No. 1872—Walnut bronzed iron, 9 in. arm, 5½ in. shelf, w't per doz. 16 lbs., per dozen..... $2.95

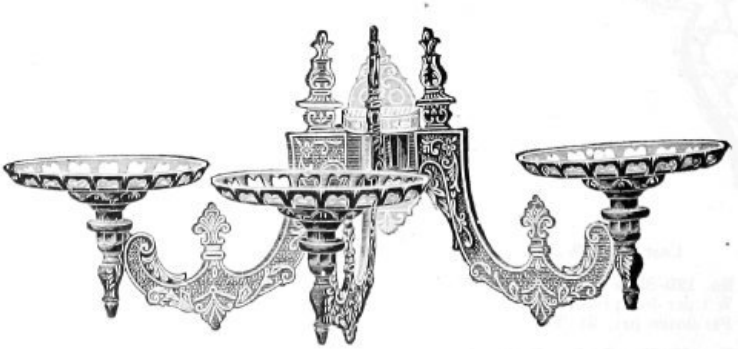
ONE-QUARTER DOZEN IN A BOX, WITH SCREWS.

No. 2090—Cast iron, enameled black and green inlaid, 12 in. arm, 5½ and 4 in. shelves, w't per doz. 26 lbs..per dozen $5.35

ONE-QUARTER DOZEN IN A BOX, WITH SCREWS.

No. 2136—Walnut bronzed iron, two 9 in. arms, 5 in. shelves, w't per doz. 28 lbs. ...per dozen $5.50

ONE-QUARTER DOZEN IN A BOX, WITH SCREWS.



No. 2408—Walnut bronzed iron, three 8 in. arms, 5½ in. shelves, w't per doz. 48 lbs., per dozen $10.75

ONE IN A BOX, WITH SCREWS.

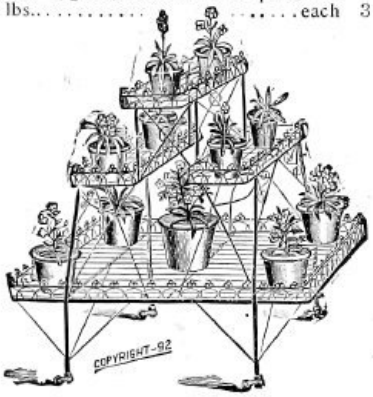
WIRE FLOWER POT STANDS.

No. 439.

No. 440.

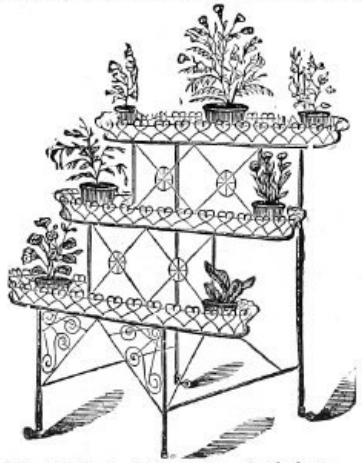
No. 439—Height 16 in., diam. 14 in., holds 1 to 3 pots, w't 6 lbs.....each $2.00

No. 440—Height 20 in., length 27 in., width 9½ in., holds 6 to 10 pots, w't 8 lbs.....each 3.00



No. 393¾—5 step Pyramid, height 36 in., three 22 in. shelves, bottom shelf 40×22 in., holds 24 to 30 pots, w't 19 lbs. each..... $6.50

No. 435—Semicircular, height 42 in., width 48 in., depth 32 in., holds 24 to 30 pots, w't 21 lbs.....each $6.50

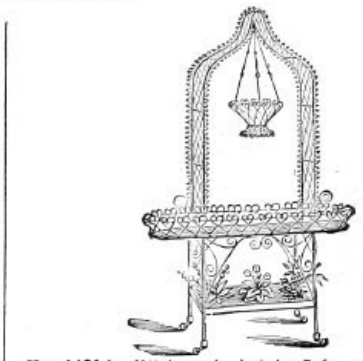


No. 434—Wall, height 42 in., 3 shelves, 3 ft. 2 in. long, holds 24 to 30 pots, w't 20 lbs.....each $6.50

No. 443½—Square, height 32 in., depth 18 in., 2 shelves 33 long, holds 12 to 15 pots, w't 12 lbs.....each $4.00

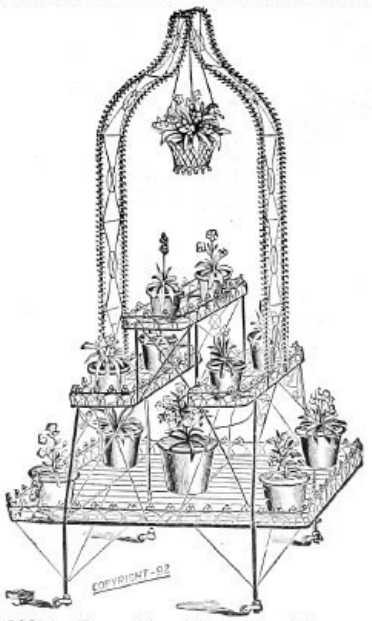
No. 443—Square, with arch and basket, height 68 in., length 33 in., depth 18 in., 2 shelves, holds 12 to 15 pots, w't 17 lbs. each..... $5.50

No. 392½—Semicircular, with arch and basket, height 68 in., width 40 in., depth 28 in., holds 18 to 24 pots, w't 21 lbs.....each $7.00



No. 440½—With arch, height 5 ft., shelf 32×10 in., holds 6 to 10 pots, w't 12 lbs.....each $4.00

No. 430—Semicircular, with arch and basket, height 78 in., width 48 in., depth 32 in., holds 24 to 30 pots, w't 27 lbs.....each $8.00



No. 393¼—Pyramid, with arch and basket, height 69 in., three 22 in. shelves, bottom shelf 40×20 in., holds 24 to 30 pots, w't 25 lbs.....each $7.50

ALL STANDS ILLUSTRATED ON THIS PAGE ARE PAINTED GREEN, ORNAMENTED WITH GOLD BRONZE.

WIRE FLOWER POT STANDS.

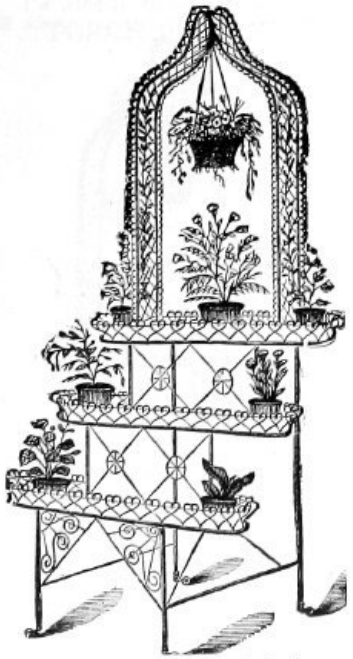
No. 435½—Semicircular, height 36 in., width 42 in., depth 28 in., holds 18 to 24 pots, w't 15 lbs.....each $5.50

No 395.

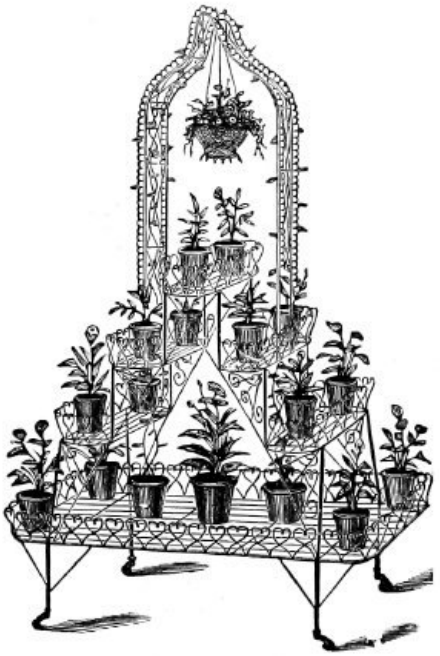
No. 395 —Wall, height 38 in., width 42 in., depth 24 in., holds 30 to 40 pots, w't 22 lbs.....each $8.00

No. 432½—Wall, *with arch and basket*, height 78 in., width 42 in., depth 24 in., holds 30 to 40 pots, w't 27 lbs....each 9.50

No. 432 1-2 is same as 395 but with arch and basket.



No. 432—Wall, with arch and basket, height 78 in., depth 30 in., three 39 in. shelves, holds 24 to 30 pots, w't 25 lbs., each..... $8.00



No. 393—Pyramid, with arch and basket, height 78 in., width 48 in., depth 22 in., holds 35 to 40 pots, w't 35 lbs....each $10.00

No. 398—Semicircular, with arch and basket, height 80 in., length 48 in., depth 32 in., holds 26 to 32 pots, w't 30 lbs.....each $10.00

No. 393½—7 step pyramid, height 42 in., width 48 in., depth 22 in., holds 35 to 40 pots, w't 29 lbs.....each $8.50

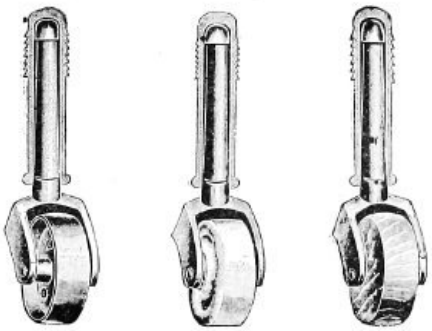
No. 397—Semicircular, height 44 in., length 48 in., depth 32 in., holds 26 to 32 pots, w't 24 lbs.....each $8.50

No. 394—Square top, 3 steps, height 60 in., width 42 in., depth 24 in., holds 35 to 40 pots, w't 28 lbs.....each $10.00

ALL STANDS ON THIS PAGE ARE PAINTED GREEN, ORNAMENTED WITH GOLD BRONZE.

CASTERS.

BED.



Iron Wheel. Porcelain Wheel. Lignumvitæ Wheel.

Iron Wheel, Copper Finish.

Sizes and Nos.	1⅝-1	1⅝-2	2-1	2-2
W't per doz. sets	11	12	12	18 lbs.
Per set (4)	$0.16	.18	.23	.25

Porcelain Wheel, Copper Finish.

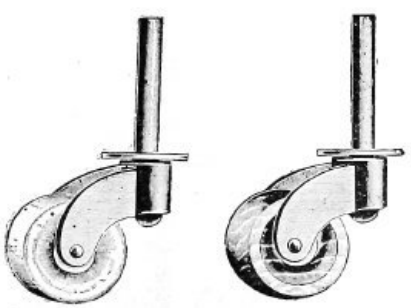
Sizes and Nos.	1⅝-1	1⅝-2	2-1	2-2
W't per doz. sets	10	12	14	18 lbs.
Per set (4)	$0.16	.18	.22	.24

Lignumvitæ Wheel, Copper Finish.

Sizes and Nos.	2-1	2-2
W't per doz. sets	12	15 lbs.
Per set (4)	$0.30	.32

FOUR SETS IN A PACKAGE.

PHILADELPHIA.



Porcelain Wheel. Lignumvitæ Wheel.

Iron Wheel, Copper Finish.

Nos.	2	3	4	5
Wheel	1	1⅛	1¼	1⅜ in.
W't per doz. sets	7	7½	9	10 lbs.
Per set (4)	$0.15	.17	.19	.21

Porcelain Wheel, Copper Finish.

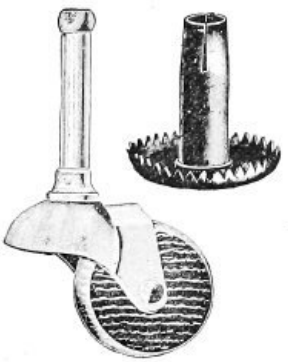
Nos.	2	3	4	5
Wheel	1	1⅛	1¼	1⅜ in.
W't per doz. sets	6	7½	8½	10 lbs.
Per set (4)	$0.15	.17	.19	.21

Lignumvitæ Wheel, Copper Finish

Nos.	2	3	4	5
Wheel	1	1⅛	1¼	1⅜ in.
W't per doz. sets	4½	6	7	8 lbs.
Per set (4)	$0.17	.19	.22	.24

SIX SETS IN A BOX.

GRIP NECK.



Polished Steel, 1 in. Toothed Track Plate Socket, Removable Caster.

Nos.	30	40	50	70
Wheels	1	1⅛	1¼	1⅝ in.
W't per set (maple)	¼	⅜	½	⅝ lb.
W't per set (lignumvitæ)	⅜	½	⅝	¾ lb.
Maple Wheel, per set, (4)	$0.20	.21	.22	.25
Lignumvitæ, Per set, (4)	.23	.25	.28	.35

SIX SETS IN A BOX.

PLATE.

Iron Wheel, Copper Finish.

Nos.	1	2	3
Wheel	⅞	1	1⅛ in.
W't per doz. sets	7	7½	8½ lbs.
Per set (4)	$0.14	.16	.18

Nos.	4	5	6
Wheel	1¼	1⅜	1½ in.
W't per doz. sets	11	13	14 lbs.
Per set (4)	$0.20	.24	.29

SIX SETS IN A PACKAGE.

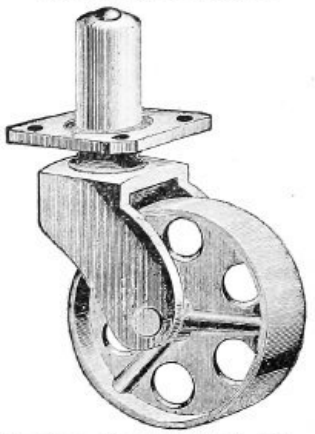
Porcelain Wheel, Copper Finish.

Nos.	1	2	3
Wheel	⅞	1	1⅛ in.
W't per doz. sets	6½	7	8 lbs.
Per set (4)	$0.14	.15	.16

Nos.	4	5	6
Wheel	1¼	1⅜	1½ in.
W't per doz. sets	10½	12	15 lbs.
Per set (4)	$0.19	.24	.29

SIX SETS IN A PACKAGE.

SWIVEL TRUCK.

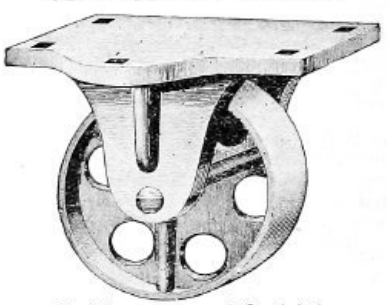


Cast Iron, Japanned, Steel Axle.

No. 33—3 in. wheel, face of wheel ⅞ in., 2¼×2¼ in. plate, w't per doz. 20 lbs., per dozen $3.60

No. 34—4 in. wheel, face of wheel 1 in., 3×3 in. plate, w't per doz. 30 lbs., per dozen 4.80

STATIONARY TRUCK.



Cast Iron, Japanned, Steel Axle.

No. 23—3 in. wheel, face of wheel 1 in., 3×5 in. plate, w't per doz. 18 lbs., per dozen $3.00

No. 24—4 in. wheel, face of wheel ⅞ in., 3×5 in. plate, w't per doz. 30 lbs., dozen 4.20

Cast Iron, Natural Finish, Steel Axle.

Nos.	4	7	8
Wheel	2½×1⅛	2⅞×⅞	3×⅞ in.
Face	1⅛	1	1 in.
Plate	3×4⅛	3×4¼	3×4¼ in.
Height	3	3¼	3½ in.
W't per doz.	15	21	24 lbs.
Per dozen	$3.60	4.20	4.80

Nos.	10	14
Wheel	3½×1	5¼×1½ in.
Face	1	1¾ in.
Plate	3×4¾	4⅜×7 in.
Height	4	5¾ in
W't per doz.	30	102 lbs.
Per dozen	$6.00	16.80

CASTERS.

BALL BEARING.

Standard. Universal.

Standard, Metallic Bedstead with Spring Attachment, Wrought Steel.

Nos.	45	55	56
Size of bedstead tube, outside diam.	¾	¾	1 in.
Wheel	1 1/16	1¼	1⅜ in.
W't per set	½	¾	⅞ lb.
Maple Wheel, per set (4)	$0.22	.24	.25

Nos.	570	580	740	750
Size of bedstead outside diam tube,	¾	1	1	1¼ in.
Wheel	1 1/16	1¼	1⅜	1½ in.
W't per set	⅝	¾	1	1⅛ lbs.
Lignumvitæ Wheel, per set (4)	$0.29	.30	.36	.39

SIX SETS IN A PACKAGE.

For use on iron beds.

Universal, Basic Steel Frame and Wheel, Steel Bearings, Oblong Plate.

Nos.	3	5	7
Wheel	1	1¼	1½ in.
W't per set	¼	¾	1 lb.
Steel Wheel, per set (4)	$0.24	.32	.45
Lignumvitæ Wheel "	.24	.32	.45

These casters are entirely constructed from the highest grade of basic (or base) steel. The steel balls are 7/32 in. in diameter and are used in all size casters. The "Universal" has the advantage over other disc bearing casters, as the balls will revolve readily in every direction, whereas other discs roll only horizontally, and any little obstruction, such as a small wood splinter, will prevent the disc from performing its functions.

SIX SETS IN A BOX.

ACME BALL BEARING.

No. 13.

Wrought Steel, Nickel Plated.

No. 13—1⅛ in. ball, 1⅜×1¾ in. plate, w't per set 1¼ lbs., per set (4) $0.75

Nos. 17 to 20.

Nos. 114 and 16

Wrought Steel, Nickel Plated.

No. 17—¾ in. ball, in. round plate, w't per set ⅞ lbs., per set (4) $0.65
No. 18—1 in. ball, 1⅝ in. round plate, w't per set 1⅛ lbs. ..... per set (4) .70
No. 19—1⅛ in. ball, 1¾ in. round plate, w't per set 1¼ lbs. ..... per set (4) .75
No. 20—1¼ in. ball, 2 in. round plate, w't per set 1½ lbs. ..... per set (4) .80
No. 114—¾ in. ball, in. lock stem, w't per set ¾ lbs. ..... per set (4) .70
No. 15—1 in. ball, 5/16 in. lock stem, w't per set 1 lb. ..... per set (4) .75
No. 16—1⅛ in. ball, 5/16 in. lock stem, w't per set 1¼ lbs. ..... per set (4) .80

ONE SET IN A BOX.

STANDARD BALL BEARING.

Nos. 123 to 128. Nos. 132 to 135.

Stem, Wrought Steel Horn and Neck, with Spring Socket.

Nos.	123	125	127	128
Wheel	1	1¼	1½	1¾ in.
W't per set	⅜	½	⅞	1⅛ lbs.
Maple Wheel, per set (4)	$0.20	.22	.24	
Lignumvitæ Wheel, per set (4)	.22	.26	.33	.40

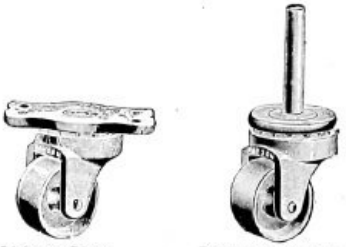
Philadelphia or Drive, Wrought Steel Horn and Neck.

Nos.	132	133	135
Wheel	⅞	1	1¼ in.
W't per set	⅜	⅜	½ lb.
Maple Wheel, per set (4)	$0.11	.13	.17
Lignumvitæ Wheel, per set (4)	.17	.19	.24

An absolute anti-friction caster is secured through the ball bearings, stamped steel construction.

SIX SETS IN A BOX.

PAYSON'S ANTI-FRICTION, FURNITURE.



Oblong Plate. Philadelphia Stem.

Iron Wheel, Oblong Plate, Bronze Finish.

Nos.	182-37	183-37	184-37	186-37
Wheel	1⅛	1⅜	1⅝	2 in.
Plate	1¼	1⅝	1⅞	2⅛ in.
W't per set	1	2	3	4 lbs.
Per set (4)	$0.60	.75	.95	1.25

Lignumvitæ Wheel, Oblong Plate, Bronze Finish.

Nos.	182-38	183-38	184-38
Wheel	1⅛	1⅜	1⅝ in.
Plate	1¼	1⅝	1⅞ in.
W't per set	1	1½	2¼ lbs.
Per set (4)	$0.65	.80	1.00

Philadelphia Stem, Bronze Finish.

No. 182-45—1⅛ in. iron wheel, 1¼ in. plate ..... per set (4) $0.60
No. 182-46—1⅛ in. lignumvitæ wheel, 1¼ in. plate ..... per set (4) .65

ONE SET IN A BOX. WEIGHT 1 LB. PER SET.

PAYSON'S ANTI-FRICTION, FURNITURE.

Common Stem, Bronze Finish.

No. 183-33—1⅜ in. iron wheel, 1⅝ in. plate, w't per set 1½ lbs. ..... per set (4) $0.75
No. 184-33—1⅝ in. iron wheel, 1⅞ in. plate, w't per set 2¼ lbs. ..... per set (4) .95
No. 183-34—1⅜ in. lignumvitæ wheel, 1⅝ in. plate, w't per set 1¼ lbs., per set (4) ..... .80

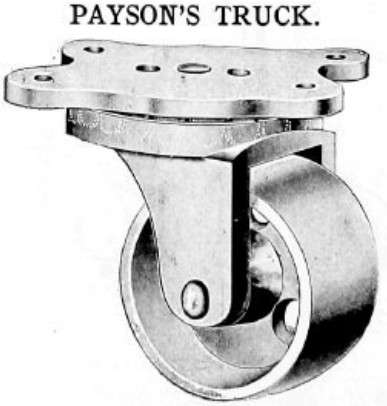
ONE SET IN A BOX.

Bedstead Stem, Bronze Finish.

No. 184-29—1⅝ in. iron wheel, 1⅞ in. plate, w't per set 2¼ lbs. ..... per set (4) $0.95
No. 184-30—1⅝ in. lignumvitæ wheel, 1⅞ in. plate, w't per set 2 lbs., per set (4) 1.00
No. 186-30—2 in. lignumvitæ wheel, 2⅛ in. plate, w't per set 2¼ lbs. ..... per set (4) 1.35

ONE SET IN A BOX.

PAYSON'S TRUCK.



Cast Iron, Natural Finish Frame and Wheel, Roller Bearings, Oblong Plate.

Nos.	188	190
Wheel	2½	3⅛ in.
Plate	4½	3½×5 in.
W't per set	3×8	14 lbs.
Per set (4)	$2.75	4.00

Nos.	91	192
Wheel	3½	4 in.
Plate	5×3½	6¼×4¼ in.
W't per set	16	36 lbs.
Per set (4)	$4.75	12.00

No. 192 casters are extra heavy and strong, particularly adapted for heavy loads, used extensively in tobacco and soap factories, also in tanneries and leather factories.

CASTERS.

TUCKER'S FURNITURE.

Iron Wheels.

Lignumvitæ Wheels.

Iron Wheels, Round Plate, Bronze Finish.

Nos.	221	231	241	251
Wheels.	1 1/8	1 3/8	1 5/8	1 7/8 in.
Plate.	1 1/4	1 1/2	1 3/4	2 in.
W't per set	3/4	1 1/2	2	2 1/2 lbs.
Per set (4)	$0.40	.45	.50	.60

ONE SET IN A BOX.

Lignumvitæ Wheels, Round Plate, Bronze Finish.

Nos.	227	237	247	257
Wheels.	1 1/8	1 3/8	1 5/8	1 7/8 in.
Plate.	1 1/4	1 1/2	1 3/4	2 in.
W't per set	3/4	1 1/4	1 1/2	2 lbs.
Per set (4)	$0.40	.45	.50	.60

ONE SET IN A BOX.

Iron Wheels.

Lignumvitæ Wheels.

Iron Wheels, Oblong Plate, Bronze Finish.

Nos.	222	232
Wheels.	1 1/8	1 3/8 in.
Plate.	1 1/8 × 1 5/8	1 3/8 × 1 7/8 in.
W't per set	3/4	1 1/2 lbs.
Per set (4)	$0.40	.45
Nos.	**242**	**252**
Wheels.	1 5/8	1 7/8 in.
Plate.	1 5/8 × 2 1/4	1 7/8 × 2 1/2 in.
W't per set	2	2 1/2 lbs.
Per set (4)	$0.50	.60

ONE SET IN A BOX.

Lignumvitæ Wheels, Oblong Plate, Bronze Finish.

Nos.	228	238
Wheels.	1 1/8	1 3/8 in.
Plate.	1 1/8 × 1 5/8	1 3/8 × 1 7/8 in.
W't per set	3/4	1 1/4 lbs.
Per set (4)	$0.40	.45
Nos.	**248**	**258**
Wheels.	1 5/8	1 7/8 in.
Plate.	1 5/8 × 2 1/4	1 7/8 × 2 1/2 in.
W't per set	1 1/2	2 lbs.
Per set (4)	$0.50	.60

ONE SET IN A BOX.

Round Plate.

Oblong Plate.

Soft Rubber Tire Wheels, Round Plate, Brass Finish.

Nos.	2227	2237	2247
Wheels.	1 1/4	1 1/2	1 3/4 in.
Plate.	1 1/4	1 1/2	1 3/4 in.
W't per set	1	1 3/4	2 1/4 lbs.
Per set (4)	$1.60	1.80	2.00

ONE SET IN A BOX.

Soft Rubber Tire Wheels, Oblong Plate, Brass Finish.

Nos.	2228	2238	2248
Wheels.	1 1/4	1 1/2	1 3/4 in.
Plate.	1 1/8 × 1 5/8	1 3/8 × 1 7/8	1 5/8 × 2 1/4 in.
W't per set	1	1 3/4	2 1/4 lbs.
Per set (4)	$1.60	1.80	2.00

ONE SET IN A BOX.

TUCKER'S FOX STEM FURNITURE.

Lignumvitæ Wheels.

Rubber Tire Wheels.

Lignumvitæ Wheels, Bronze Finish.

Nos.	220	230	240	250
Wheels.	1 1/8	1 3/8	1 5/8	1 7/8 in.
Plate.	1/2	1	1	1 in.
W't per set	3/4	1 1/4	1 1/2	2 lbs.
Per set (4)	$0.40	.45	.50	.60

ONE SET IN A BOX.

Soft Rubber Tire Wheels, Brass Finish.

Nos.	2220	2230	2240
Wheels.	1 1/4	1 1/2	1 3/4 in.
Plate.	1/2	1	1 in.
W't per set	1	1 3/4	1 7/8 lbs.
Per set (4)	$1.60	1.80	2.00

ONE SET IN A BOX.

MARTIN'S FURNITURE.

Nos. 21 to 51.

Nos. 22 to 52.

Round Plate, Iron Wheels, Copper Finish.

Nos.	21	31	41	51
Wheels.	1	1 3/8	1 5/8	1 7/8 in.
Plate.	1 1/4	1 5/8	1 7/8	2 1/8 in.
W't per set	1	2	3	4 lbs.
Per set (4)	$0.80	.85	.90	1.00

ONE SET IN A BOX.

Oblong Plate, Iron Wheels, Copper Finish.

Nos.	22	32
Wheels.	1	1 3/8 in.
Plate.	1 3/8 × 1 7/8	1 5/8 × 2 1/4 in.
W't per set	1	2 lbs.
Per set (4)	$0.80	.85
Nos.	**42**	**52**
Wheels.	1 5/8	1 7/8 in.
Plate.	1 7/8 × 2 3/4	2 1/8 × 3 1/8 in.
W't per set	3	4 lbs.
Per set (4)	$0.90	1.00

ONE SET IN A BOX.

Oblong Plate, Lignumvitæ Wheels, Copper Finish.

Nos.	28	38
Wheels.	1	1 3/8 in.
Plate.	1 3/8 × 1 7/8	1 5/8 × 2 1/4 in.
W't per set	1	2 lbs.
Per set (4)	$0.85	.90
Nos.	**48**	**58**
Wheels.	1 5/8	1 7/8 in.
Plate.	1 7/8 × 2 3/4	2 1/8 × 3 1/8 in.
W't per set	3	4 lbs.
Per set (4)	$0.95	1.05

ONE SET IN A BOX.

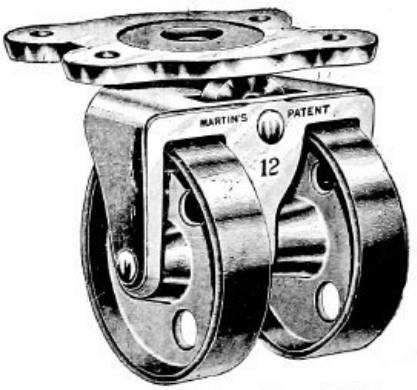
MARTIN'S FURNITURE.

Round Plate, Lignumvitæ Wheels, Copper Finish.

Nos.	27	37	47	57
Wheels.	1	1 3/8	1 5/8	1 7/8 in.
Plate.	1 1/4	1 5/8	1 7/8	2 1/8 in.
W't per set	1	2	3	4 lbs.
Per set (4)	$0.85	.90	.95	1.05

ONE SET IN A BOX.

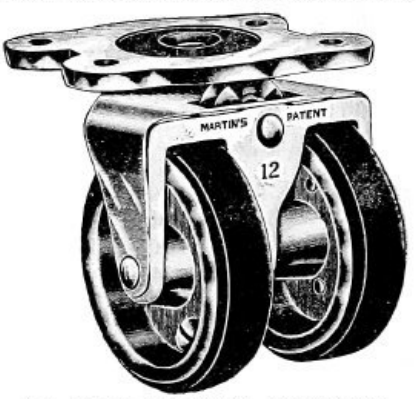
MARTIN'S TRUCK.



Iron Wheels, Oblong Plate, Natural Finish.

Nos.	82	102	112
Wheels.	2 1/2	3 1/8	3 5/8 in.
Plate.	3 1/4 × 4 1/2	3 1/4 × 4 1/2	3 1/2 × 5 1/2 in.
W't per set	11	13	19 lbs.
Per set (4)	$2.00	2.50	3.75
Nos.	**122**		**142**
Wheels.	4 3/8		4 1/2 in.
Plate.	4 1/4 × 6 3/8		5 7/8 × 7 1/8 in.
W't per set	40		64 lbs.
Per set (4)	$7.00		11.00

No. 112, FOUR SETS; BALANCE, ONE SET IN A BOX.



Soft Rubber Tire Wheels, Oblong Plate.

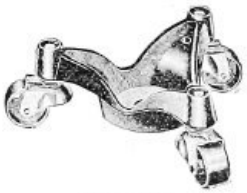
Nos.	★62R	★82R	★102R
Wheels.	2	2 1/2	3 in.
Plate.	2 1/2 × 3 1/2	3 1/4 × 4 1/2	3 3/8 × 4 5/8 in.
W't per set	8	14	18 lbs.
Per set (4)	$4.50	7.00	9.50
Nos.	**★112R**	**★122R**	**★142R**
Wheels.	3 1/2	4 1/4	5 in.
Plate.	3 1/2 × 5	4 1/4 × 6 1/4	5 × 7 1/4 in.
W't per set	27	52	84 lbs.
Per set (4)	$14.00	22.50	35.00

ONE SET IN A BOX.

★*For shipment from Factory only.*

STOVE CASTERS AND STOVE TRUCKS.

STOVE CASTERS.

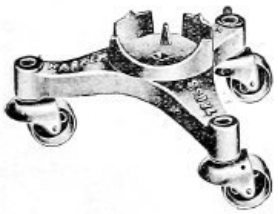


Low Base.

No. 100—HARPER, improved, japanned, with 3 iron swivel wheels, height of center 1½ in., diameter of cup 2½ in., w't per doz. sets 120 lbs., per dozen sets $15.00

The wheels are larger than heretofore used. The caster pins do not project above the arms. There is a screw hole through each arm so they can be fastened to any flat surface.

FOUR CASTERS CONSTITUTE A SET.

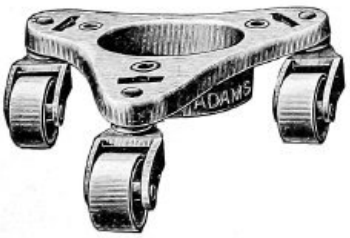


High Base.

No. 105—HARPER, japanned, with 3 iron covered swivel wheels, height of center 3 in., diameter of cup 2½ in., w't per doz. sets 120 lbs.....per dozen sets $20.00

Raises the stove or range 3 in. from the floor. Will pass over rough or uneven surfaces in the floor without becoming displaced. Can be used under a range without feet as well as stoves with feet. It is very strong.

FOUR CASTERS CONSTITUTE A SET.



Adams' Stove—Japanned, with 3 copped swivel wheels, height of center, 1 in., diameter of cup 3¼ in., w't per doz. sets 108 lbs.....per dozen sets $20.40

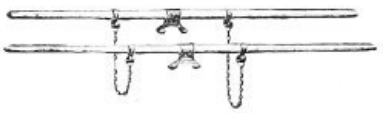
The small casters being swiveled to the main casting by a pivot, they turn from one direction to another with the utmost readiness. Holes are provided for screwing these casters to a box, making a handy box truck.

FOUR CASTERS CONSTITUTE A SET.

Adams' Steel Range Attachment—W't per doz. 6 lbs.....per dozen sets $6.00

To make range casters, insert attachment in foot hole of regular stove caster.

STOVE CARRIERS.



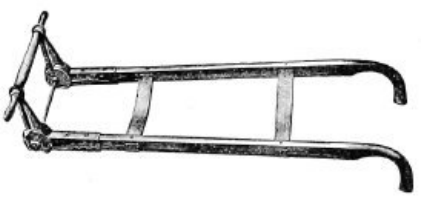
No. 30—EUREKA, with chains, wrought iron clamps, 5 ft. 3 in. hard maple handles, for handling or setting up all kinds of stoves, w't per pair 12 lbs., per pair..... $4.75

ONE PAIR IN A BUNDLE.

STOVE TRUCKS.

No. 25—MARTIN'S, japanned steel frame, adjustable from 18×22 to 24×36 in., 4 swivel casters, w't per doz. 200 lbs. per dozen..... $30.00

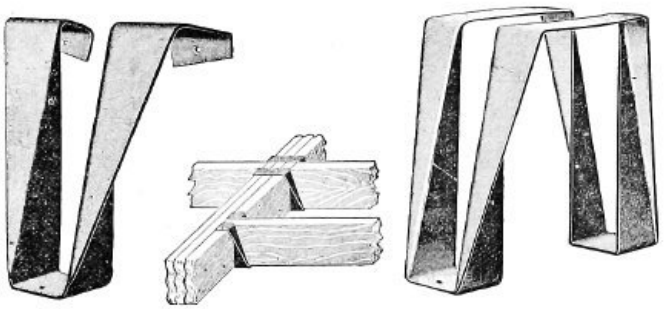
HALF DOZEN IN A CRATE.



No. 10—LEAVENWORTH, stove truck and carrier, length 4 ft., w't 22 lbs., each..... $8.75

No. 20—All steel, length of stove rest 4 ft., wheels 4 in., height raised 7½ in., lowered 5½ in., w't 50 lbs., each..... $17.00

JOIST, TIMBER AND WALL HANGERS.



Single. Showing Single and Double in use. Double.

Forged steel, asphaltum painted. All hangers are made $\frac{1}{4}$ in. scant, to allow for surfacing; for example, hangers for 2×10 in. joists are made $2\times9\frac{3}{4}$ in. Hangers with longer arms than those herein given can be supplied at a small additional charge.

CLEVELAND JOIST.

NOS.	SIZE OF JOIST.	LENGTH OF ARMS, INCHES.	SIZE OF STOCK.	WEIGHT OF HANGER IN POUNDS.	SAFE STRENGTH IN LBS. EACH HANGER.	SINGLE EACH.	DBL. EACH.
1	2 × 6	2	2 ×1/8	1.50	5,000	$0.20	$0.50
2	2 × 8	2	2 ×1/8	1.77	5,000	.24	.60
3	2 ×10	2	2 ×3/16	3.09	7,500	.27	.68
5	2 ×12	2	2 ×3/16	3.52	7,500	.29	.73
9	2 ×14	2	2¼ ×3/16	4.41	8,440	.35	.88
13	2 ×16	2	2½ ×3/16	4.87	9,380	.39	.98
16	2½ × 6	2	2¼ ×3/16	2.49	8,440	.29	.73
17	2½ × 8	2	2¼ ×3/16	3.04	8,440	.33	.83
18	2½ ×10	2	2¼ ×3/16	3.52	8,440	.34	.85
19	2½ ×12	2	2¼ ×3/16	3.99	8,440	.35	.88
23	2½ ×14	2	2½ ×3/16	5.00	9,380	.40	1.00
26	2½ ×16	2	2½ ×3/16	5.54	9,380	.43	1.08
29	3 × 6	2	2¼ ×3/16	2.62	8,440	.30	.75
30	3 × 8	2	2¼ ×3/16	3.10	8,440	.33	.83
31	3 ×10	2	2¼ ×3/16	3.58	8,440	.35	.88
32	3 ×12	2	2¼ ×3/16	4.05	8,440	.36	.90
33	3 ×14	2	2½ ×3/16	5.07	9,380	.41	1.03
34	3 ×16	2	2½ ×3/16	5.60	9,380	.44	1.10
35	4 × 6	2	2½ ×3/16	2.93	9,380	.35	.88
37	4 × 8	2	2½ ×3/16	3.60	9,380	.36	.90
38	4 ×10	2	2½ ×3/16	4.13	9,380	.40	1.00
39	4 ×12	2	2½ ×¼	6.03	12,500	.48	1.20
40	4 ×14	2	2½ ×¼	6.92	12,500	.51	1.28
41	4 ×16	2	2½ ×¼	7.63	12,500	.54	1.34

CLEVELAND TIMBER.

NOS.	SIZE OF TIMBER.	LENGTH OF ARM INCHES.	SIZE OF STOCK.	SAFE STRENGTH IN LBS. EACH HANGER.	WEIGHT OF HANGERS IN POUNDS.	SINGLE EACH.	DBL. EACH.
101	5× 8	3	3×¼	15,000	6.40	$0.60	$1.50
102	5×10	3	3×¼	15,000	7.24	.64	1.60
103	5×12	3	3×¼	15,000	8.48	.66	1.65
104	5×14	3	3×¼	15,000	8.92	.69	1.73
107	5×16	3	3×¼	15,000	9.80	.72	1.80
110	6× 8	3	3×¼	15,000	6.60	.68	1.70
111	6×10	3	3×¼	15,000	7.45	.70	1.75
112	6×12	3	3×¼	15,000	8.22	.74	1.85
113	6×14	3	3×¼	15,000	9.10	.78	1.95
116	6×16	3	3×¼	15,000	10.01	.82	2.05
120	8× 8	3	3×5/16	18,800	8.77	.85	2.13
121	8×10	3	3×5/16	18,800	9.82	.88	2.20
122	8×12	3	3×5/16	18,800	10.91	.90	2.25
123	8×14	3	3×5/16	18,800	11.96	.95	2.38
127	8×16	3	3×5/16	18,800	13.01	.99	2.48
133	10×10	3	3×⅜	22,500	12.45	1.06	2.65
134	10×12	3	3×⅜	22,500	13.71	1.12	2.80
137	10×14	3	3×⅜	22,500	14.98	1.16	2.90
143	10×16	3	3×⅜	22,500	16.28	1.20	3.00
151	12×12	3	3×7/16	26,300	16.73	1.30	3.25
154	12×14	3	3×7/16	26,300	18.29	1.35	3.38
160	12×16	3	3×7/16	26,300	19.71	1.40	3.50
168	12×18	3	3×7/16	26,300	21.19	1.45	3.63
175	14×14	3	3×½	30,000	21.67	1.60	4.00
182	14×16	3	3×½	30,000	23.36	1.65	4.13
189	14×18	3	3×½	30,000	25.05	1.75	4.38

Forged Steel, asphaltum painted, furnished without wall plates, unless otherwise specified. Wall plates supplied, if desired, cut out of steel angles, $3\times2\times\frac{3}{16}$ in., and riveted to the arms. Longer arms can be supplied than regular $4\frac{1}{4}$ inches, if specified, at an extra price. Flat steel bearing plates can be placed under the arms to rest on wall.

CLEVELAND WALL.

NOS.	SIZE OF HANGER.	SIZE OF JOIST OR TIMBER.	SIZE OF STOCK.	SAFE STRENGTH IN LBS.	WEIGHT IN POUNDS.	EACH WITHOUT WALL PLATES.
301	2 ×7½	2×6, 8, 10	2½ ×3/16	9,380	3.66	$0.30
302	2 ×7½	2×12, 14, 16	3 ×3/16	11,300	4.40	.33
303	2½ ×7½	2½ ×6, 8, 10	2½ ×3/16	9,380	3.73	.36
304	2½ ×7½	2½ ×12,14,16	3 ×3/16	11,300	4.47	.39
305	3 ×7½	3×6 to 14	2½ ×3/16	9,380	3.82	.39
306	3 ×7½	3×16	3 ×3/16	11,300	4.58	.45
307	4 ×7½	4×6, to 16	2½ ×¼	12,500	4.84	.55
308	5 ×7½	5×8, 10, 12	3 ×¼	15,000	6.48	.68
310	6 ×7½	6×8, 10, 12	3 ×¼	15,000	6.73	.90
313	8 ×7½	8×8, 10, 12	3 ×5/16	18,800	9.10	1.00
316	10 ×8½	10×10	3 ×⅜	22,500	11.99	1.10

BUCKEYE JOIST, WALL AND TIMBER.

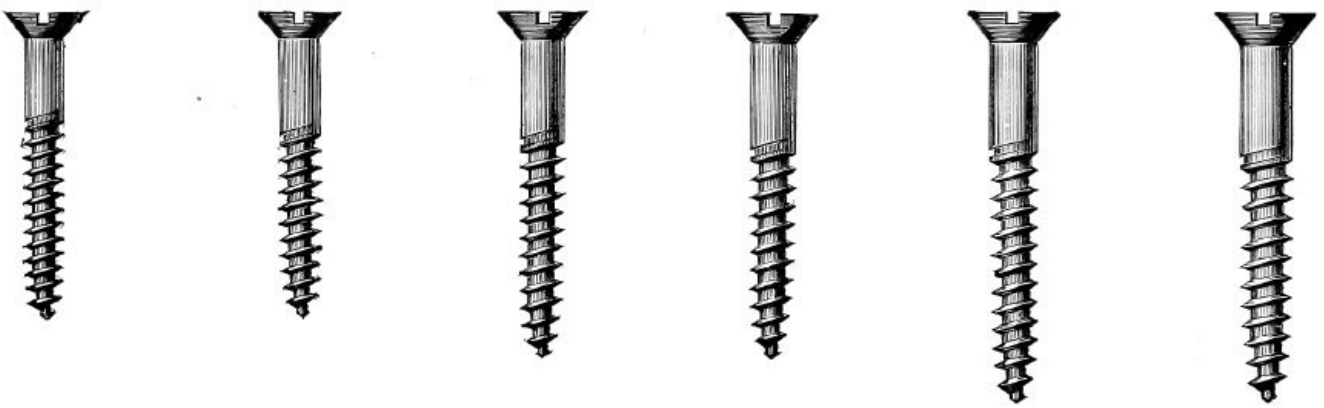
Forged Steel, for Light Construction Work—Not Guaranteed.

NOS.	SIZE OF HANGER.	LENGTH OF ARM INCHES.	SIZE OF STOCK.	WEIGHT IN POUNDS.	WEIGHT PER FOOT IN POUNDS.	EACH.
500	2 × 6	2	1½ ×5/64	.71½	.390	$0.12
501	2 × 8	2	2 ×5/64	1.04	.520	.16
502	2 ×10	2	2½ ×5/64	1.60	.650	.19
503	2 ×12	2¾	3 ×5/64	2.315	.782	.20
504	2 ×14	3¾	3½ ×5/64	3.158	.9120	.25
505	2 ×16	3¾	4 ×5/64	3.953	1.0425	.30
506	2½ × 6	2⅜	1½ ×3/32	.917	.469	.18
507	2½ × 8	2⅜	2 ×3/32	1.42	.625	.22
508	2½ ×10	2⅜	2½ ×3/32	2.03	.78	.30
509	2½ ×12	2⅞	3 ×3/32	2.84	.94	.35
510	2½ ×14	3¾	2 ×⅛	4.38	1.25	.35
511	2½ ×16	3¾	4 ×⅛	6.40	1.67	.45
512	3 × 6	2¾	1½ ×⅛	1.28	.625	.22
513	3 × 8	2¾	2 ×⅛	1.98	.833	.25
514	3 ×10	2¾	2½ ×⅛	2.87	1.04	.28
515	3 ×12	2⅞	2 ×3/16	3.63	1.25	.30
516	3 ×14	3¾	2¼ ×3/16	4.98	1.41	.35
517	3 ×16	3¾	2½ ×3/16	6.05	1.56	.40
518	4 × 6	2	1½ ×⅛	1.35	.625	.25
519	4 × 8	2	2 ×⅛	2.08	.833	.35
520	4 ×10	2⅞	2½ ×⅛	3.10	1.04	.40
521	4 ×12	2⅞	2 ×3/16	4.14	1.25	.40
522	4 ×14	3¾	2½ ×3/16	5.92	1.56	.45
523	4 ×16	3¾	3 ×3/16	7.76	1.88	.55
524	5 × 8	2⅞	2 ×5/32	2.84	1.04	.45
525	5 ×10	2⅞	2 ×3/16	3.83	1.25	.50
526	5 ×12	3¾	2¼ ×3/16	4.99	1.41	.55
527	5 ×14	3¾	3 ×3/16	7.29	1.88	.60
528	5 ×16	3¾	3½ ×3/16	9.23	2.19	.70
529	6 × 8	3¾	2 ×5/32	3.08	1.04	.50
530	6 ×10	3¾	2 ×3/16	4.11	1.25	.60
531	6 ×12	3¾	3 ×3/16	6.82	1.88	.70
532	6 ×14	3¾	3½ ×3/16	8.67	2.19	.75
533	6 ×16	3¾	4 ×3/16	10.73	2.50	.85
534	8 × 8	3¾	2 ×3/16	3.91	1.25	.70
535	8 ×10	4¾	2½ ×3/16	5.66	2.19	.80
536	8 ×12	4¾	3½ ×3/16	8.67	2.19	.85
537	8 ×14	4¾	4 ×3/16	10.71	2.50	.95
538	8 ×16	4¾	4½ ×3/16	13.	2.81	1.05
539	10 ×10	4¾	3 ×3/16	7.13	1.88	.95
540	10 ×12	5¾	3 ×¼	10.71	2.50	1.05
541	10 ×14	5¾	3½ ×¼	13.50	2.99	1.15
542	10 ×16	5¾	4 ×5/16	20.60	4.17	1.35
543	12 ×12	5¾	3½ ×¼	10.59	2.99	1.15
544	12 ×14	5¾	3½ ×5/16	14.49	3.65	1.25
545	12 ×16	5¾	4½ ×5/16	20.13	4.69	1.60
546	12 ×18	5¾	4½ ×5/16	21.69	4.69	1.75
547	14 ×14	5¾	3½ ×⅜	21.72	4.38	1.50
548	14 ×16	5¾	4 ×⅜	26.46	5.00	1.80
549	14 ×18	5¾	4 ×⅜	28.13	5.00	1.90
550	16 ×16	5¾	4 ×½	36.41	6.67	2.50
551	16 ×18	5¾	4 ×½	38.63	6.67	2.60

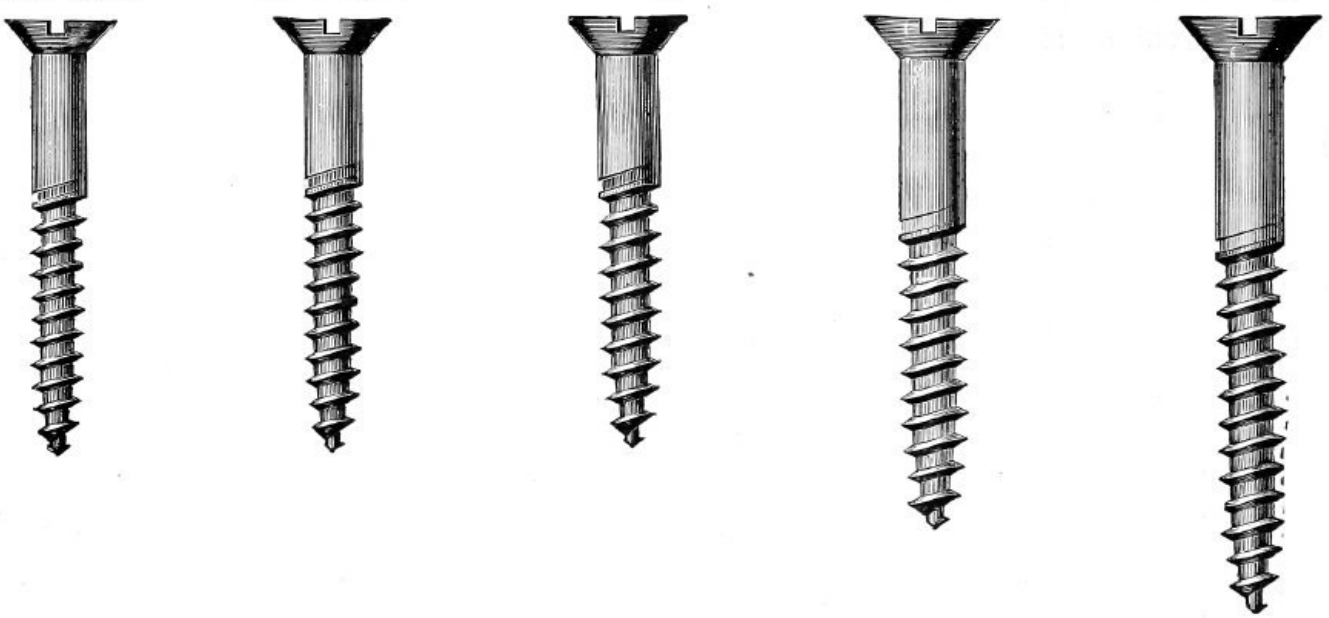
FLAT HEAD WOOD SCREWS.

No. 3—⅜ in. No. 4—½ in. No. 5—⅝ in. No. 6—¾ in. No. 7—⅞ in. No. 8—1 in. No. 9—1¼ in. No. 10—1½ in. No. 11—1½ in.

No. 12—1¾ in. No. 13—1¾ in. No. 14—2 in. No. 15—2 in. No. 16—2¼ in. No. 17—2¼ in.



No. 18—2½ in. No. 20—2½ in. No. 22—2½ in. No. 24—3 in. No. 26—3½ in.



We give above full size cuts of a few of the different sizes and lengths of flat head screws, from which selection can be easily made. A No. 10 screw, for instance, is made of the same size wire for every length, so that an illustration of each length is unnecessary.

WOOD SCREWS.

FLAT HEAD BRIGHT STEEL.

Revised Price List, Adopted July 22, 1903, Price per Gross.

Nos.	¼ Inch.	⅜ Inch.	½ Inch.	⅝ Inch.	¾ Inch.	⅞ Inch.	1 Inch.	1¼ Inch.	1½ Inch.	1¾ Inch.	Nos.
0	$0.72	$0.72★									0
1	.72	.72★	$0.72★	$0.72★							1
2	.72	.72	.72	.72	$0.72★	$0.74★					2
3	.72★	.72	.72	.72	.75★	.78★	$0.80★	$0.88★	$0.98★		3
4	.72★	.72	.75	.75	.78	.82★	.84★	.92★	1.05★		4
5		.75	.78	.78	.82	.85	.87	.98★	1.10★	$1.30★	5
6		.78	.80	.82	.85	.90	.92	1.05	1.15	1.35★	6
7		.82	.84	.86	.90	.94	.98	1.10	1.20	1.45	7
8		.88	.90	.92	.95	1.00	1.05	1.15	1.30	1.50	8
9		.94★	.96	.98	1.00	1.05	1.10	1.20	1.35	1.55	9
10			1.05	1.07	1.10	1.15	1.20	1.30	1.40	1.60	10
11			1.10★	1.12	1.15	1.25	1.30	1.40	1.50	1.70	11
12			1.20★	1.20	1.25	1.35	1.40	1.55	1.65	1.80	12
13				1.25★	1.35	1.45	1.60	1.70	1.80	2.00	13
14				1.30★	1.50	1.55	1.70	1.90	2.00	2.25	14
15					1.65★	1.75★	2.00	2.15	2.35	2.60	15
16					1.80★	2.00★	2.50	2.50	2.80	2.90	16
17							2.70★	2.75★	3.20★	3.50★	17
18							2.80★	3.30	3.80	4.00	18
20							3.50★	4.00★	4.30	4.50	20
22								4.80★	5.10★	5.20★	22
24								5.40★	5.90★	6.00★	24

Nos.	2 Inch.	2¼ Inch.	2½ Inch.	2¾ Inch.	3 Inch.	3½ Inch.	4 Inch.	4½ Inch.	5 Inch.	6 Inch.	Nos.
5	$1.45★	$1.55★	$1.90★								5
6	1.50	1.60★	2.00★	$2.40★	$ 2.95★						6
7	1.55	1.65★	2.10★	2.60★	3.00★						7
8	1.60	1.75	2.20	2.70★	3.05★	$ 3.90★	$ 4.90★				8
9	1.65	1.85★	2.30	2.80★	3.10★	4.00★	5.10★				9
10	1.75	1.95	2.40	2.90★	3.15	4.10★	5.20★				10
11	1.85	2.05	2.50	3.00★	3.20★	4.20★	5.30★				11
12	2.00	2.20	2.60	3.10★	3.30	4.30★	5.40★	$ 7.00★	$ 8.10★	$10.00★	12
13	2.20	2.35	2.70	3.20★	3.40★	4.40★	5.60★	7.20★	8.30★	10.30★	13
14	2.45	2.65	2.90	3.30★	3.50	4.50	5.90★	7.60★	8.60★	11.00★	14
15	2.75	3.10	3.30	3.60★	3.80	4.75★	6.20★	7.85★	9.10★	11.60★	15
16	3.10	3.50	3.65	3.90★	4.20	4.95	6.50	8.15★	9.70★	12.40★	16
17	3.70★	3.85★	4.20★	4.50★	4.80★	5.40★	7.00★	8.60★	10.10★	13.00★	17
18	4.20	4.55★	4.70	5.00★	5.50	6.15	7.60	9.15★	11.00★	14.50★	18
20	4.80	5.30★	5.80	6.10★	6.50	7.30	8.60	9.85★	11.50★	16.00★	20
22	5.50★	6.10★	6.70★	7.20★	7.50★	8.70	9.70	11.20★	13.00★	18.00★	22
24	6.40★	6.90★	7.50★	8.50★	8.70	10.20★	11.20	13.50★	15.00★	20.00★	24
26					10.50★	12.00★	14.00★	16.00★	18.00★	23.00★	26
28							16.00★	18.50★	21.00★	27 00★	28
30							18.50★	21.50★	24.00★	30 50★	30

★ These sizes are not carried in stock, but can be shipped promptly from factory.

ONE GROSS IN A BOX.

WOOD SCREWS.

FLAT HEAD BRASS.

Revised Price List Adopted July 22, 1903, Price per Gross.

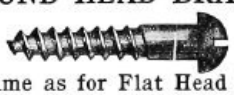
Nos.	¼ Inch.	⅜ Inch.	½ Inch.	⅝ Inch.	¾ Inch.	⅞ Inch.	1 Inch.	Nos.
0	$0.84★	$0.84★						0
1	.84★	.87★	$0.92★	$0.96★				1
2	.88★	.92	.96	1.00★	$1.12★	$1.40★		2
3	.92★	.97	1.02	1.08	1.18★	1.50★	$1.65★	3
4	.97★	1.04	1.08	1.15	1.25	1.55★	1.70★	4
5	1.04★	1.12	1.20	1.30	1.40	1.60★	1.75	5
6		1.20★	1.30	1.40	1.55	1.65	1.80	6
7		1.35★	1.45★	1.60	1.75	1.90	2.10	7
8		1.50★	1.65★	1.85	2.00	2.20	2.45	8
9			1.90★	2.10★	2.30	2.50	2.80	9
10			2.15★	2.40★	2.65	2.90	3.15	10
11				2.65★	3.00★	3.35★	3.65★	11
12				3.00★	3.35★	3.70★	4.10★	12
13				3.35★	3.70★	4.10★	4.55★	13
14				3.70★	4.10★	4.55★	5.05★	14
15				4.10★	4.55★	5.05★	5.60★	15
16				4.55★	5.05★	5.60★	6.65★	16
17								17

Nos.	1¼ Inch.	1½ Inch.	1¾ Inch.	2 Inch.	2¼ Inch.	2½ Inch.	3 Inch.	Nos.
3	$ 2.10★							3
4	2.20★	$ 2.95★						4
5	2.25★	3.05★						5
6	2.35★	3.10★	$ 3.95★	$ 5.15★				6
7	2.45★	3.20★	4.00★	5.20★				7
8	2.85	3.30	4.10★	5.25★	$ 6.85★			8
9	3.20	3.65★	4.20★	5.30★	6.95★	$ 9.40★		9
10	3.50	4.25	4.70★	5.40★	7.05★	9.50★	$13.70★	10
11	4.10★	4.65★	5.35★	6.15★	7.25★	9.60★	13.85★	11
12	4.65	5.35	6.05★	6.85★	7.90★	9.70★	14.00★	12
13	5.35★	5.95★	6.70★	7.55★	8.80★	9.85★	14.10★	13
14	5.85★	6.65★	7.35★	8.45★	9.80★	10.75★	14.30★	14
15	6.55★	7.60★	8.65★	9.75★	10.75★	11.85★	14.60★	15
16	7.20★	8.35★	9.50★	10.70★	11.90★	13.00★	15.40★	16
17	7.85★	9.15★	10.45★	11.70★	13.00★	14.30★	16.80★	17
18	9.35★	10.85★	12.40★	13.90★	15.40★	16.95★	19.95★	18
20	10.45★	12.65★	14.50★	16.30★	18.00★	19.85★	23.40★	20
22		14.50★	16.85★	18.90★	20.95★	23.00★	27.10★	22
24			18.90★	21.00★	23.30★	25.50★	31.15★	24
26							35.85★	26

★These sizes are not carried in stock, but can be shipped promptly from factory.

ONE GROSS IN A BOX.

ROUND HEAD BRASS.



List Prices Same as for Flat Head Brass Screws.

Nos.	½ Inch.	⅝ Inch.	¾ Inch.	⅞ Inch.	1 Inch.	1¼ Inch.	1½ Inch.	Nos.
3	$1.02							3
4	1.08	$1.15	$1.25					4
5	1.20	1.30	1.40					5
6	1.30	1.60	1.55	$1.65	$1.80			6
7			1.75	1.90	2.10			7
8			2.00	2.20	2.45	$2.85	$3.30	8
9				2.50	2.80	3.20	3.65	9
10			2.65		3.15	3.50	4.25	10
12						4.65	5.35	12

We give above the list on all sizes Round Head Brass Screws which we carry in stock.

ONE GROSS IN A BOX.

WOOD SCREWS.

ROUND HEAD BLUED STEEL.

List Prices Same as for Flat Head Bright Screws.

Nos.	½ Inch.	⅝ Inch.	¾ Inch.	⅞ Inch.	1 Inch.	1¼ Inch.	1½ Inch.	1¾ Inch.	2 Inch.	Nos.
3	$0.72									3
4	.75	$0.75								4
5	.78	.78	$0.82							5
6		.82	.85		$0.92					6
7			.90	$0.94	.98					7
8			.95	1.00	1.05	$1.15	$1.30		$1.60	8
9			1.00	1.05	1.10	1.20	1.35		1.65	9
10			1.10	1.15	1.20	1.30	1.40	$1.60	1.75	10
11						1.40	1.50			11
12						1.55	1.65	1.80	2.00	12

We give above the list on all sizes Round Head Blued Steel Screws which we carry in stock.

ONE GROSS IN A BOX.

FLAT HEAD JAPANNED STEEL.

List Prices Same as for Flat Head Bright Screws.

Nos.	¾ Inch.	1 Inch.	1¼ Inch.	1½ Inch.	Nos.
8	$0.95	$1.05			8
9	1.00	1.10	$1.20		9
10		1.20	1.30	$1.40	10
11		1.30	1.40	1.50	11
12			1.55	1.65	12

We give above the list on all sizes Flat Head Japanned Steel Screws which we carry in stock.

ONE GROSS IN A BOX.

ROUND HEAD NICKEL PLATED.

List Prices Same as for Flat Head Bright Screws.

Nos.	¾ Inch.	⅞ Inch.	1 Inch.	1¼ Inch.	1½ Inch.	1¾ Inch.	2 Inch.	Nos.
5	$0.82							5
6	.85		$0.92					6
7	.90	$0.94	.98					7
8	.95	1.00	1.05	$1.15	$1.30			8
9			1.10	1.20	1.35			9
10			1.20	1.30	1.40	$1.60		10
12					1.65	1.80	$2.00	12

We give above the list on all sizes Round Head Nickel Plated Screws which we carry in stock.

ONE GROSS IN A BOX.

BOLTS AND LAG SCREWS.

CARRIAGE BOLTS.

Oval Head, Forged Nut.
Revised Price List Adopted May 19, 1908. Price per 100.

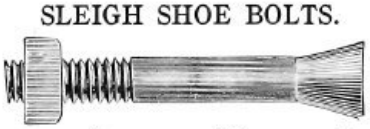
Inches	3-16	1-4	5-16	3-8	7-16	1-2	5-8
¾	$1.00				$2.20	$ 3.00	
1	1.00	$1.00	$1.40	$1.90	2.20	3.00	$ 5.20
1¼	1.00	1.00	1.40	1.90			
1½	1.00	1.00	1.40	1.90	2.20	3.00	5.20
1¾	1.04	1.04	1.46	1.98	2.29	3.00	
2	1.08	1.08	1.52	2.06	2.38	3.00	5.20
2¼	1.12	1.12	1.58	2.14	2.47	3.00	
2½	1.16	1.16	1.64	2.22	2.56	3.00	5.20
2¾	1.20	1.20	1.70	2.30	2.65	3.11	
3	1.24	1.24	1.76	2.38	2.74	3.22	5.54
3¼		1.28	1.82	2.46	2.83	3.33	
3½		1.32	1.88	2.54	2.92	3.44	5.88
3¾		1.36	1.94	2.62	3.01	3.55	
4		1.40	2.00	2.70	3.10	3.66	6.22
4¼		1.44	2.06	2.78	3.19	3.77	
4½		1.48	2.12	2.86	3.28	3.88	6.56
4¾		1.52	2.18	2.94	3.37	3.99	
5		1.56	2.24	3.02	3.46	4.10	6.90
5½		1.64	2.36	3.18	3.64	4.32	7.24
6		1.72	2.48	3.34	3.82	4.54	7.58
6½		1.80	2.60	3.50	4.00	4.76	
7		1.88	2.72	3.66	4.18	4.98	8.26
7½		1.96	2.84	3.82	4.36	5.20	
8		2.04	2.96	3.98	4.54	5.42	8.94
8½			3.08	4.14	4.72	5.64	
9			3.20	4.30	4.90	5.86	9.62
9½				4.46	5.08	6.08	
10				4.62	5.26	6.30	10.30
10½				4.78	5.44	6.52	
11				4.94	5.62	6.74	10.98
12				5.26	5.98	7.18	11.66
13						7.62	12.34
14						8.06	13.02
15						8.50	13.70
16						8.94	14.38
18						9.82	15.74
20						10.70	17.10
24							19.82

$\frac{5}{16}$ AND ¼ INCH, ONE HUNDRED; $\frac{5}{16}$, ⅜ AND $\frac{7}{16}\times7$ INCH, FIFTY; BALANCE TWENTY-FIVE IN A PACKAGE.

Assorted Boxes.

No. 10—Assortment consisting of 50 carriage bolts, including, ¼×1½, 2, 2½, 3, 3½ and 4 in., $\frac{5}{16}\times1\frac{1}{2}$, 2, 2½, 3, 3½ and 4 in., ⅜×1½, 2, 2½, 3, 3½ and 4 in.....per box $1.35

SLEIGH SHOE BOLTS.



Length	4	4½	5	5½ in.
⅜ in., per 100	$2.70	2.86	3.02	3.18
Length		6	6½	7 in.
⅜ in., per 100		$3.34	3.50	3.66

FIFTY IN A PACKAGE.

MACHINE BOLTS.

Square Head and Nut, Finished Point.
Revised Price List Adopted October 1, 1899. Price per 100.

Inches	1-4	5-16	3-8	7-16	1-2	5-8	3-4
1	$1.70	$2.00	$2.40				
1¼	1.70	2.00	2.40			$ 5.20	
1½	1.70	2.00	2.40	$2.80	$ 3.60	5.20	$ 7.20
2	1.78	2.12	2.56	3.00	3.86	5.58	7.70
2½	1.86	2.24	2.72	3.20	4.12	5.96	8.20
3	1.94	2.36	2.88	3.40	4.38	6.34	8.70
3½	2.02	2.48	3.04	3.60	4.64	6.72	
4	2.10	2.60	3.20	3.80	4.90	7.10	9.70
4½		2.72	3.36	4.00	5.16	7.48	
5		2.84	3.52	4.20	5.42	7.86	10.70
5½			3.68	4.40	5.68	8.24	
6			3.84	4.60	5.94	8.62	11.70
6½				4.80	6.20		
7				5.00	6.46	9.38	12.70
7½					6.72		
8					6.98	10.14	13.70
8½					7.50		
9					7.50	10.90	
10					8.02	11.66	15.70
11					8.54	12.42	
12					9.06	13.18	17.70
13						13.94	
14					10.10	14.70	19.70
16					11.14		21.70
18							23.70

¼ INCH, ONE HUNDRED; ⅝ TO 1½×8 INCH, FIFTY; BALANCE, TWENTY-FIVE IN A PACKAGE.

COACH OR LAG SCREWS.

Gimlet Pointed.
Revised Price List Adopted October 1, 1899.
Price per 100.

Inches	1-4	5-16	3-8	1-2	5-8
1½	$2.25	$2.25	$2.70		
2	2.45	2.45	2.96	$4.11	
2½	2.65	2.65	3.22	4.47	
3	2.85	2.85	3.48	4.83	$ 7.00
3½		3.05	3.74	5.19	7.50
4	3.25	3.25	4.00	5.55	8.00
4½		3.45	4.26	5.91	8.50
5		3.65	4.52	6.27	9.00
5½			4.78	6.63	
6			5.04	6.99	10.00
6½				7.35	
7				7.71	11.00
8				8.43	12.00
9				9.15	13.00
10				9.87	14.00

¼ INCH, ONE HUNDRED; $\frac{5}{16}$ TO 1½×8 INCH, FIFTY; BALANCE, TWENTY-FIVE IN A PACKAGE.

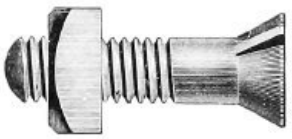
AVERAGE WEIGHT OF CARRIAGE BOLTS PER 100.

Length	1	1 1-4	1 1-2	1 3-4	2	2 1-4	2 1-2	2 3-4	3	3 1-4	3 1-2	3 3-4	4	4 1-4	4 1-2	4 3-4	5	5 1-2	6
$\frac{5}{16}$ in.	1.7	1.8	2.0	2.2	2.3	2.6	2.8	3.0	3.2										
¼ in.	2.8	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.3	6.6	6.9	7.2	7.5	7.8	8.4	9.0
$\frac{5}{16}$ in.	4.8	5.2	5.7	6.1	6.6	7.0	7.5	7.9	8.4	8.9	9.3	9.8	10.2	10.7	11.1	11.6	12.0	12.9	13.8
⅜ in.	6.9	7.6	8.3	9.0	9.7	10.4	11.1	11.8	12.5	13.2	13.9	14.6	15.3	16.0	16.7	17.4	18.0	19.4	20.8
$\frac{7}{16}$ in.	9.4	10.4	11.4	12.4	13.3	14.3	15.3	16.3	17.3	18.0	19.3	20.3	21.3	22.3	23.3	24.3	25.3	27.3	29.3
½ in.	14.5	15.9	17.3	18.6	20.0	21.4	22.8	24.2	25.5	26.9	28.3	29.7	31.0	32.4	33.8	35.2	36.5	39.3	42.0
⅝ in.	28.0	30.0	32.0	34.0	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0	54.0	56.0	58.0	60.0	64.0	68.0

Length	6 1-2	7	7 1-2	8	8 1-2	9	9 1-2	10	10 1-2	11	11 1-2	12	13	14	15	16	18	20	24
¼ in.	9.7	10.3	10.9	11.6	12.0	14.4	15.0	15.6	16.2	16.8	17.4	18.0	19.4	20.6	21.8	23.2	28.8	31.2	36.0
$\frac{5}{16}$ in.	14.7	15.6	16.5	17.4	18.4	19.3	20.2	21.0	25.0	25.8	26.8	27.6	29.4	31.2	33.0	34.8	36.6	42.0	55.2
⅜ in.	21.2	23.6	25.0	26.4	27.8	29.2	30.6	32.0	33.4	34.8	36.2	37.5	42.4	47.2	50.0	52.8	58.4	64.0	75.0
$\frac{7}{16}$ in.	31.2	33.2	35.2	37.2	39.2	41.2	43.1	45.1	47.1	49.1	51.0	53.0	62.4	66.4	70.4	74.4	82.4	90.2	106.0
½ in.	44.8	47.5	50.3	53.0	55.8	58.5	61.3	64.0	66.8	69.5	72.3	75.0	89.6	95.0	100.6	106.0	117.0	128.0	150.0
⅝ in.	72.0	76.0	80.0	84.0	88.0	92.0	96.0	100.0	104.0	108.0	112.0	116.0	144.0	152.0	160.0	168.0	184.0	200.0	232.0

BOLTS, SCREW ANCHORS AND BOLT SHIELDS.

PLOW BOLTS.

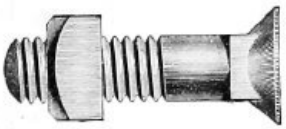


Key Head.

No. 1—Inches	1	1¼	1½	1¾
⅜ in., per 100. .	$2.00	2.00	2.10	2.20

No. 1—Inches	2	2¼	2½
⅜ in., per 100... ...	$2.30	2.40	2.50

ONE HUNDRED IN A BOX.



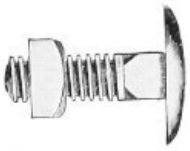
Square Neck.

No. 3—Inches	1	1¼	1½	1¾	2
⅜ in..per 100	$2.00	2.00	2.10	2.20	2.30
7/16 in... "	2.60	2.60	2.75	2.90	3.05
½ in.. "	3.50	3.50	3.70	3.90	4.10

No. 3—Inches	2¼	2½	2¾	3	3½
⅜ in..per 100	$2.40	2.50	2.60	2.70	2.90
7/16 in.. "		3.35			
½ in.. "		4.50			

ONE HUNDRED IN A BOX.

ELEVATOR BOLTS.



Malleable Iron, Oval Head.

No. 2—Inches....	5/16×¾	¼×1	¼×1¼
Per 100.....	$1.50	1.60	1.80

ONE HUNDRED IN A BOX

Wrought Iron, Flat Head.

No. 1—Inches	¼×¾	¼×⅞	¼×1	¼×1¼
Per 100.....	$2.20	2.30	2.30	2.40

ONE HUNDRED IN A BOX.

TIRE BOLTS.

Revised Price List Adopted Dec. 28, 1899.

Length.....	1¼	1½	1¾	2	2¼ in.
5/16 in..per 100	$0.60	.60	.65	.70	.75
¼ in... "	.95	.95	1.00	1.05	1.10
5/16 in... "	1.40	1.40	1.47	1.54	

Length.....	2½	2¾	3	3½ in.
5/16 in..per 100	$0.80	.85	.90	
¼ in.. "	1.15	1.20	1.25	1.35
5/16 in.. "	1.61	1.68	1.75	1.89

ONE HUNDRED IN A PACKAGE.

FLAT HEAD STOVE BOLTS.

Revised Price List Adopted March 1, 1907.

Length.....	½	⅝	¾	⅞ in.
5/16 in..per 100	$0.85	.85	.85	.90
¼ in.. "	1.20	1.20	1.20	1.25

Length.....	1	1¼	1½	1¾ in.
5/16 in..per 100	$0.90	1.00	1.10	1.15
¼ in.. "	1.30	1.40	1.50	1.55

Length.....	2	2¼	2½	3 in.
5/16 in..per 100	$1.20	1.25	1.30	1.50
¼ in.. "	1.60	1.70	1.80	2.00

ONE HUNDRED IN A BOX.

ROUND HEAD STOVE BOLTS.

Revised Price List Adopted March 1, 1907.

Length.....	½	⅝	¾	⅞ in.
5/32 in..per 100	$0.85		.85	
5/16 in.. "	.85	.85	.85	.90
¼ in.. "	1.20	1.20	1.20	1.25

Length.....	1	1¼	1½	1¾ in.
5/32 in..per 100	$0.90			
5/16 in.. "	.90	1.00	1.10	1.15
¼ in.. "	1.30	1.40	1.50	1.55

Length.....	2	2¼	2½	3 in.
5/16 in..per 100	$1.20	1.25	1.30	1.50
¼ in.. "	1.60	1.70	1.80	2.00

ONE HUNDRED IN A BOX.

Assorted Boxes.

No. 50—Assortment consisting of 200 stove bolts, including: 5/16×½, ¾, 1 and 1½ in.; ¼×¾, 1, 1¼, 1½ and 2 in. flat head; 5/16×½, ¾, 1 and 1½ in.; ¼×¾, 1, 1¼ and 1¾ in. round head, per box $3.25

TWO HUNDRED IN A BOX.

FLAT HEAD STOVE RODS.

¼ in., wrought iron, slotted head, length 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28 and 30 in .....per pound $0.20

EXPANSION SCREW ANCHORS.

Anchor Number and Length.....	No. 6— ¾in.	No. 10—1 in.
Diameter drill used.	¼	5/16 in.
Anchor diameter outside.....	¼	5/16 in.
Anchor capacity, screw numbers...	5, 6, 7 or 8	9,10 or 11
Anchor capacity, screw lengths ...	¾ to 1	1 to 2 in.
Quantity in box ...	100	50
W't per 100.....	1	2 lbs.
Per 100	$2.65	3.00

Anchor Number and Length.....	No. 10—1⅝ in.	No. 14—1 in.
Diameter drill used.	5/16	⅜ in.
Anchor diameter outside.....	5/16	⅜ in.
Anchor capacity, screw numbers...	9, 10 or 11	12, 13 or 14
Anchor capacity, screw lengths	1 to 3	1 to 2½ in.
Quantity in box ...	50	50
W't per 100.....	3	2½ lbs.
Per 100	$3.75	3.35

EXPANSION BOLT SHIELDS.

Short Standard

Size of bolt.....	⅜	½ in.
Outside diameter.....	⅝	¾ in.
Length.....	2	2 in.
Size of drill used.....	⅝	¾ in.
W't per 100.....	11	12½ lbs.
Quantity in box	100	100
Per 100	$12.00	19.80

Long Standard.

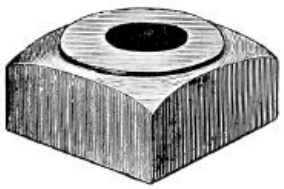
Size of bolt.....	5/16	⅜	½ in.
Outside diameter..	½	⅝	¾ in.
Length.....	2	2¾	3½ in.
Size of drill used..	½	⅝	¾ in.
W't per 100.....	6½	14	22½ lbs.
Quantity in box ..	100	100	100
Per 100 .....$9.00	12.00	19.80	

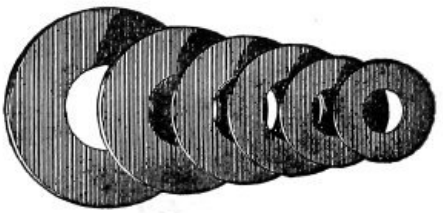
These expansion bolt shields and screw anchors are well made. They are easy to use, and when once in place never loosen. They can, however, be taken out and put back in the same hole any number of times without marking the wall in the least. They are in general use by plumbers and have always given satisfaction.

The screw anchor is made in one piece of soft metal and permits the screw to cut its own thread, will fit any size and style of wood, machine or special screw. When it is up it never loosens until taken out.

The expansion shield is made of cast iron, in two parts, and is extremely simple. It is very strong, and will resist the greatest strain or most severe vibration. Can be used with any lag screw, no special cut or length of thread required.

NUTS AND WASHERS.





HOT PRESSED SQUARE NUTS.

U. S. Standard.

Bolt	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1 in.
Hole	5/16 scant.	1/4 scant.	19/64 scant.	11/32	13/32 scant.	29/64	1/2 full.	5/8 scant.	47/64 scant.	27/32 scant
Short diameter	1/2	19/32	11/16	25/32	7/8	31/32	1 1/16	1 1/4	1 7/16	1 5/8 in.
Thickness	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1 in.
Blank, in bulk.....per pound	$0.13	.12	.10½	.10	.09	.09	.08 7/10	.08½	.08 4/10	.08 3/10
Tapped, in 5 lb. boxes "	.16	.14½	.12 6/10	.11 3/10	.10 7/10	.10 6/10	.10 3/10	.09 9/10		

In ordering, state size of bolt.

TWO HUNDRED POUNDS IN A KEG.

WROUGHT IRON WASHERS.

No. 140—Bolt	3-16	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1 in.
Hole	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	13/16	15/16	1 1/16 in.
Diameter of washer	9/16	3/4	7/8	1	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2 in.
Wire gauge	18	16	16	14	14	12	12	10	10	9	9
Number to pound.	440	138	112	65	43	26	22	13	10	9	6
Per pound $0.14		.12 3/10	.11 4/10	.10½	.09 7/10	.09 2/10	.09 1/10	.09	.08 5/10	.08 5/10	.08 5/10

In ordering, state size of bolt.

TWO HUNDRED POUNDS IN A KEG.

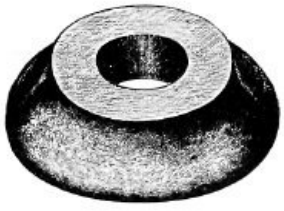
WROUGHT STEEL WASHERS.

No. 160—Bolt	3-16	1-4	5-16	3-8	7-16	1-2	9-16	5-8	3-4	7-8	1 in.
Hole	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	13/16	15/16	1 1/16 in.
Diameter of washer	9/16	3/4	7/8	1	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2 in.
Wire gauge	20	18	18	16	16	16	16	16	16	16	16
Number to pound..	470	185	135	78	50	39	34	24	19	15	12
Per pound $0.15		.13 3/10	.12 4/10	.11½	.10 7/10	.10 7/10	.10 1/10	.10	.09 5/10	.09 5/10	.09 5/10

In ordering, state size of bolt.

FIVE POUNDS IN A BOX.

CAST IRON WASHERS.



STANDARD O. G., sizes, 5/8, 3/4, 7/8 and 1 inch.....per pound $0.05

LEAD WASHERS.

7/16×1/8 in., for metal roofing, about 200 washers to the pound .....per pound $0.20

MALLEABLE IRON WASHERS.

For bolts	½	5/8	3/4	7/8	1 in.
Diameter	2 1/2	2 3/4	3	3 1/2	4 in.
Thickness	1/4	5/16	7/16	7/16	½ in.
W't per 100	15	22	33	50	68 lbs.
Comparative w't of Cast Washers	45	66	100	150	200lbs.
Per pound $0.08		.08	.08	.08	.08

Standard diameter same as cast washers, 66⅔% saving in freight.

These Washers are a substitute for the old style Cast Iron Washers and while the price per pound is higher than on Cast Iron Washers, yet the price per washer is cheaper than cast washers, besides saving two-thirds of all freight rates, hauling and weight to structure, and one-half to one inch in length of bolts, and a Nut-Locking feature added without additional expense.

WING THUMB NUTS.

Tapped with U. S. Standard Thread.

For bolt	1-4	5-16	3-8	1-2 in.
W't per 100	2	3	3¾	10 lbs.
Per 100 .....$1.00		1.30	1.70	2.75

No. 50—Assorted, fifty in a box, twenty-five 1¼ in., fifteen 5/16 in., ten 3/8 in., w't 11¼ lbs.....per box $0.75

These Thumb Nuts will fit either a cut or rolled thread bolt.

STEEL WIRE NAILS, IN KEGS.

Price List Adopted December 1, 1896.

COMMON.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
2d	1 in.	15	876	$0.70
3d	1¼ in.	14	568	.45
4d	1½ in.	12½	316	.30
5d	1¾ in.	12½	271	.30
6d	2 in.	11½	181	.20
7d	2¼ in.	11½	161	.20
8d	2½ in.	10¼	106	.10
9d	2¾ in.	10¼	96	.10
10d	3 in.	9	69	.05
12d	3¼ in.	9	63	.05
16d	3½ in.	8	49	.05
20d	4 in.	6	31	Base.
30d	4½ in.	5	24	Base.
40d	5 in.	4	18	Base.
50d	5½ in.	3	14	Base.
60d	6 in.	2	11	Base.

GALVANIZED COMMON.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
3d	1¼ in.	14	508	$1.45
6d	2 in.	11½	181	1.20
8d	2½ in.	10¼	106	1.10
10d	3 in.	9	69	1.05

BARBED COMMON.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
4d	1½ in.	12½	316	$0.45
6d	2 in.	11½	181	.35
8d	2½ in.	10¼	106	.25
10d	3 in.	9	69	.20

FENCE.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
6d	2 in.	10	124	$0.20
8d	2½ in.	9	82	.10
10d	3 in.	7	50	.05
12d	3¼ in.	6	40	.05

FINE.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
2d	1 in.	16½	1351	$1.00
3d	1⅛ in.	15	778	.50

EXTRA FINE.

SIZE	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
3d	1⅛	16	1015	$0.65

FINISHING.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
3d	1¼ in.	15½	807	$0.85
4d	1½ in.	15	584	.65
6d	2 in.	13½	309	.45
8d	2½ in.	12½	189	.35
10d	3 in.	11½	121	.25
20d	4 in.	10	62	.25

CASING.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
4d	1½ in.	14	473	$0.50
6d	2 in.	12½	236	.35
8d	2½ in.	11½	145	.25
10d	3 in.	10½	94	.15
20d	4 in.	9	52	.15

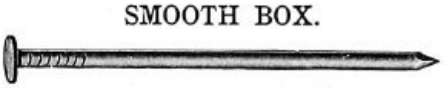
FLOORING BRADS.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
8d	2½ in.	10	99	$0.10

COMMON BRADS.

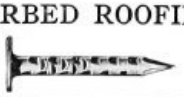
SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
8d	2½ in.	10¼	106	$0.10

SMOOTH BOX.



SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
4d	1½ in.	14	473	$0.50
5d	1¾ in.	14	406	.50
6d	2 in.	12½	236	.35
7d	2¼ in.	12½	210	.35
8d	2½ in.	11½	145	.25
10d	3 in.	10½	94	.15

BARBED ROOFING.



SIZE.	GAUGE.	NO. TO LB.	ADV. OVER BASE.
¾ in.	13	714	$0.75
⅞ in.	12	469	.65
1 in.	12	411	.60
1¼ in.	11	251	.55
1½ in.	10	176	.45
1¾ in.	10	151	.45
2 in.	9	103	.35

GALVANIZED BARBED ROOFING.

SIZE.	GAUGE.	NO. TO LB.	ADV. OVER BASE.
⅞ in.	12	469	$2.40

LARGE HEAD ROOFING.

SIZE.	GAUGE.	NO. TO LB.	DIA. HEAD.	25 LB. BOXES.	PER KEG
1 in.	8	158	½ in	$	$
1½ in.	8	108	½ in.		

SHINGLE.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
3d	1¼ in.	13	429	$0.45

GALVANIZED SHINGLE.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
3d	1¼ in.	13	429	$1.20
3½d	1⅜ in.	12	348	1.20
4d	1½ in.	12	274	1.05

SLATING.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
3d	1¼ in.	10½	225	$0.60
4d	1½ in.	10½	187	.40

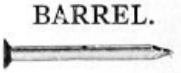
GALVANIZED SLATING.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
3d	1¼ in.	10½	225	$1.60

WIRE LINING OR CRATE.

SIZE.	GAUGE.	NO. TO LB.	ADV. OVER BASE.
¾ in.	17	2077	$1.20
⅞ in.	17	1781	1.00

BARREL.



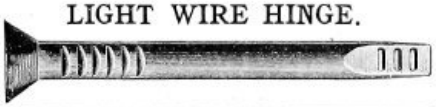
SIZE.	GAUGE.	NO. TO LB.	ADV. OVER BASE.
¾ in.★	15½	1346	$1.00
⅞ in.	14½	906	.85
1 in.★	14½	775	.70
1⅛ in.★	14½	700	.60
1¼ in.★	14	568	.50
1⅜ in.★	13	400	.40
1½ in.★	13	357	.30

We keep ⅞ in. barrel nails in stock.

★For mill shipment only

WIRE AND CUT NAILS, IN KEGS.

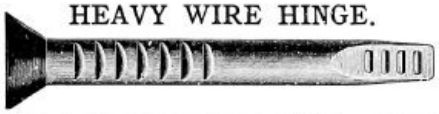
LIGHT WIRE HINGE.



SIZE.	LENGTH.	GAUGE.	NO. TO LB.	25 LB. BOXES	PER KEG.
4d	1½ in.	6	82	$	$ ★
6d	2 in.	6	62		★
8d	2½ in.	6	50		★

★*Kegs for c. shipment only.*

HEAVY WIRE HINGE.



SIZE.	LENGTH.	GAUGE	NO. TO LB.	25 LB. BOXES.	PER KEG
6d	2 in.	3	38	$	$ ★
8d	2½ in.	3	30		★
10d	3 in.	3	25		★
16d	3½ in.	3	22		★

Countersunk head, chisel point, annealed.
★*Kegs for mill shipment only.*

WIRE SPIKES.

SIZE.	LENGTH	GAUGE.	NO. TO LB.	ADV. OVER BASE.
10d★	3 in.	6	41	$0.10
12d★	3¼ in.	6	38	.10
16d★	3½ in.	5	30	.10
20d★	4 in.	4	23	.10
30d★	4½ in.	3	17	.10
40d★	5 in.	2	13	.10
50d★	5½ in.	1	10	.10
60d★	6 in.	1	8	.10
7 in.★	7 in.	5/16 in.	7	.10
8 in.★	8 in.	3/8 in.	6	.10
9 in.★	9 in.	3/8 in.	5	.10
10 in.★	10 in.	3/8	4	.25
12 in.★	12 in.	3/8	3	.25

Specify style of head and point when ordering.
★*For mill shipment only.*

CEMENT COATED, WIRE.

SIZE.	LENGTH.	NO. COATED NAILS IN KEG.	NO. SMOOTH NAILS IN KEG.	ADV. OVER BASE.
2d	1 in.	85,700	85,700	$0.70
3d	1¼ in.	54,360	54,300	.45
4d	1½ in.	29,800	29,800	.30
5d	1¾ in.	25,560	25,500	.30
6d	2 in.	17,900	17,900	.20
7d	2¼ in.	15,300	15,300	.20
8d	2½ in.	10,100	10,100	.10
9d	2¾ in.	8,900	8,900	.10
10d	3 in.	6,600	6,600	.05
16d	3½ in.	4,900	4,900	.05
20d	4 in.	3,100	3,100	Base

CEMENT COATED, EGG CASE.

With Extra Large Head.

SIZE.	LENGTH.	NO. TO KEG.	
3d	1¼ in.	53,200	per keg....$

Cement nails are sold at so much per keg, but the kegs weigh less than 100 lbs., as the nails are made of lighter wire than the Standard Nails. They are put up the same number of nails per keg as in the Standard Nails, but on account of the lighter gauge wire used they weigh less.

COMMON, STEEL CUT.

SIZE.	LENGTH.	NO. IN LB.	ADV. OVER BASE.
3d	1¼ in.	406	$0.45
4d	1½ in.	304	.30
5d	1¾ in.	240	.30
6d	2 in.	165	.20
7d	2¼ in.	122	.20
8d	2½ in.	92	.10
9d	2¾ in.	74	.10
10d	3 in.	60	.05
12d	3¼ in.	50	.05
13d	3½ in.	36	.05
20d	4 in.	24	Base
30d	4¼ in.	18	Base
40d	5 in.	16	Base
50d	5½ in.	12	Base
60d	6 in.	9	Base

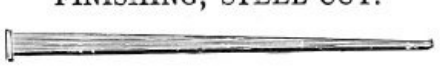
COMMON, STEEL CUT, GALVANIZED.

SIZE.	LENGTH.	NO. IN LB.	
3d	1¼ in.	406	per keg $
4d	1½ in.	304	"

FENCE, STEEL CUT.

SIZE.	LENGTH	NO. IN LB.	ADV. OVER BASE.
8d	2½ in.	50	$0.10

FINISHING, STEEL CUT.



SIZE.	LENGTH.	NO. IN LB.	ADV. OVER BASE.
6d	2 in.	273	$0.45
8d	2½ in.	151	.35
10d	3 in.	107	.25

CASING, STEEL CUT.

SIZE.	LENGTH.	NO. IN LB.	ADV. OVER BASE.
6d	2 in.	228	$0.35
8d	2½ in.	133	.25
10d	3 in.	96	.15
20d	4 in.	44	.15

FLOORING BRADS, STEEL CUT.

SIZE.	LENGTH.	NO. IN LB.	ADV. OVER BASE.
8d	2½ in.	77	$0.10

BARREL, STEEL CUT.

SIZE.	LENGTH.	NO. IN LB.	ADV. OVER BASE.
¾ in.	¾ in.	800	$1.00
⅞ in.	⅞ in.	625	.85
1 in.	1 in.	351	.70
1⅛ in.	1⅛ in.	295	.60
1¼ in.	1¼ in.	229	.50
1½ in.	1½ in.	185	.30

CLINCH, STEEL CUT.

SIZE.	LENGTH.	NO. IN LB.	ADV. OVER BASE.
6d	2 in.	101	$0.65
7d	2¼ in.	86	.65
8d	2½ in.	67	.55
10d	3 in.	51	.45

SPECIAL HINGE CLINCH, STEEL CUT.

SIZE.	LENGTH.	NO. IN LB.	PER KEG.	PER BOX OF 25 LBS.
6d	2 in.	101.....	$	$
8d	2½ in.	67.....		
10d	3 in.	51.....		

LARGE HEAD EDGE GRIP, IRON CUT.

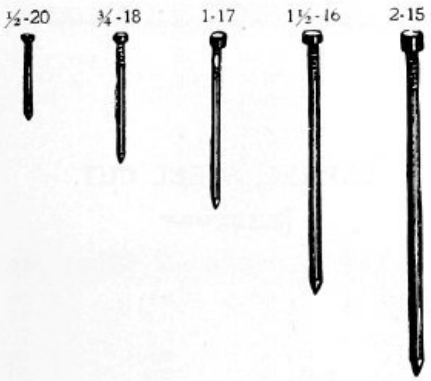
SIZE.	LENGTH.	
3d	1¼ in.....	per keg $
3½d	1⅜ in.....	"
4d	1½ in.....	"

COMMON, IRON CUT, FLAT GRIP

SIZE.	LENGTH.	
3d	1¼ in.....	per keg $
3½d	1⅜ in.....	"
4d	1½ in.....	"
8	2½ in.....	"
10	3 in.....	"
20	4 in.....	"

BRADS, NAILS AND CORRUGATED FASTENERS.

WIRE BRADS.



Bright, in ¼ lb. Papers.

LENGTH.	GAUGE.		
3/8 in.	20	per dozen	$3.24
½ in.	20	"	2.79
5/8 in.	19	"	2.19
¾ in.	18	"	1.80
7/8 in.	18	"	1.59
1 in.	17	"	1.44
1¼ in.	17	"	1.41
1½ in.	16	"	1.23
1¾ in.	15	"	1.14
2 in	15	"	1.14

ONE DOZEN PAPERS IN A PACKAGE.

Bright, in 1 lb. Paper

LENGTH.	GAUGE.		
½ in.	20	per pound	$0.85
5/8 in.	19	"	.65
¾ in.	18		.52
7/8 in.	18	"	.45
1 in.	17	"	.40
1¼ in.	16	"	.34
1½ in.	15		.31
1¾ in.	14	"	.29
2 in.	14	"	.29

Bright, in 25 lb. Boxes.

LENGTH.	GAUGE.		
½ in.	19	per pound	$0.74
5/8 in.	19	"	.64
¾ in.	18	"	.51
¾ in.	16	"	.42
7/8 in.	18	"	.44
7/8 in.	17	"	.42
1 in.	18	"	.42
1 in.	17	"	.39
1¼ in.	17	"	.38
1¼ in.	16	"	.33
1½ in.	16	"	.32
1½ in.	15	"	.30
1¾ in.	14	"	.28
2 in.	14	"	.28

WIRE NAILS.

Smooth, in 1 lb. Papers.

LENGTH.	GAUGE.		
½ in.	17	per pound	$0.60
¾ in.	18	"	.52
¾ in.	16	"	.43
7/8 in.	17	"	.43
7/8 in.	14	"	.35
7/8 in.	13	"	.34
1 in.	14	"	.32
1 in.	12	"	.30
1¼ in.	14	"	.31
1¼ in.	12	"	.29
1½ in.	12	"	.29

Barbed, in 1 lb. Papers.

LENGTH.	GAUGE.		
¾ in.	16	per pound	$0.45
1 in.	14	"	.34

Barbed, in 25 lb. Boxes.

LENGTH.	GAUGE.		
¾ in.	16	per pound	$0.44
1 in.	14	"	.33
1¼ in	12	"	.30

CIGAR BOX NAILS.

Barbed, in 1 lb. Papers.

LENGTH.	GAUGE.		
¾ in.	18	per pound	$0.54

Barbed, in 25 lb. Boxes.

LENGTH.	GAUGE.		
5/8 in.	18	per pound	$0.61
¾ in.	18	"	.55

CORRUGATED STEEL FASTENERS.

¼ in. No. 3.

¼ in. No. 4.

¼ in. No. 5.

¼ Inch Deep.

Corrugations	3	4	5
Per thousand	$0.60	.75	.90

⅜ Inch Deep.

Corrugations	3	4	5
Per thousand	$0.75	.95	1.20

½ Inch Deep.

Corrugations	4	5
Per thousand	$1.05	1.30

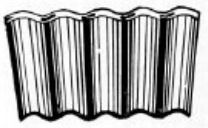
⅝ Inch Deep.

Corrugations	5	6
Per thousand	$1.30	1.70	1.85

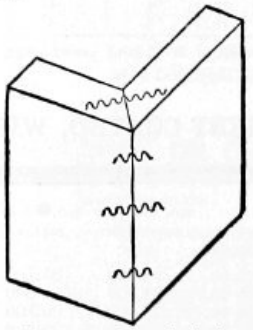
¾ Inch Deep.

Corrugations	4	5
Per thousand	$1.45	1.85

ONE THOUSAND IN A PACKAGE.

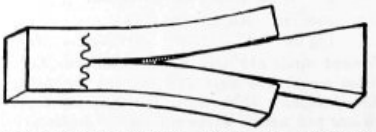


These fasteners are slightly divergent having the effect of drawing the work together and making a tight joint.



Showing use to which they can be put.

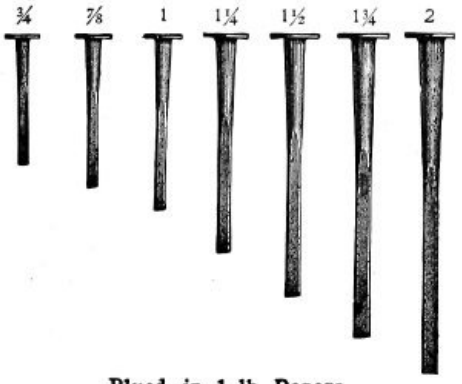
These fasteners can be used for an endless variety of purposes and are simple, effective and easily applied. They make a perfect secure joint. They are made of smooth steel sharpened on one edge and are as easy to drive as nails and are far more effective for many purposes. The number of corrugations determines the length.



Showing strengthing effect of Corrugated Fasteners.

NAILS AND TACKS.

CLOUT NAILS.



Blued, in 1 lb. Papers.

No. 30—Inches,	½	⅝	¾	⅞	1
Per pound, -	$0.41	.34	.31	.29	.27
No. 30—Inches, - -	1¼	1½	1¾	2	
Per pound, - - -	$0.27	.27	.27	.27	

Blued, in ½ lb. Papers.

No. 31—Inches, - -	½	⅝	¾	⅞	
Per pound, - - -	$0.43	.36	.33	.31	
No. 31—Inches, - -	1	1¼	1½	1¾	
Per pound, - - -	$0.29	.29	.29	.29	

Tinned, in 1 lb. Papers.

No. 32—Inches,	¾	⅞	1	1¼	1½
Per pound, -	$0.42	.40	.38	.38	.38

ONE DOZEN PAPERS IN A PACKAGE.

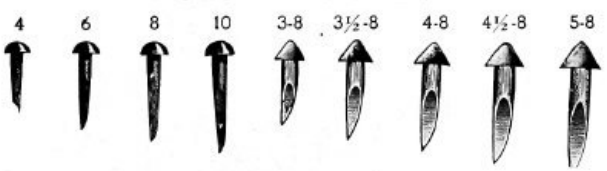
CANVAS NAILS.

Blued, in ½ lb. Papers.

No. 33—Inches,	½	⅝	¾	⅞	1	1¼
Per pound, -	$0.43	.36	.33	.31	.29	.29

ONE DOZEN PAPERS IN A PACKAGE.

HUNGARIAN NAILS.



Oval Head. Cone Head.

American Iron, Oval Head, Half Weight.

No. 80—Ounces,	3	4	6	8	10
Per dozen, - -	$0.59	.75	.92	1.10	1.25

Swedes Iron, Stout, Oval Head, in ¼ lb. Papers.

No. 82—Sizes 3, 3½, 4, 4½ and 5-eighths, - per dozen $0.50

Swedes Iron, Cone Head, in ¼ lb. Papers.

No. 83—Sizes 3, 3½, 4, 4½ and 5-eighths, - per dozen $0.50

ONE DOZEN PAPERS IN A PACKAGE.

COMMON IRON SHOE NAILS.

In 1 lb. Papers.

No. 40—Sizes 3½, 4, 4½, 5, 5½ and 6-eighths in., per pound, - - - - - - - - - $0.09

ONE DOZEN PAPERS IN A PACKAGE.

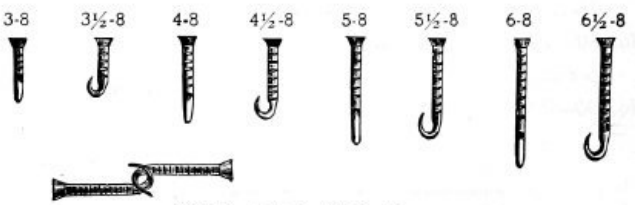
IRON CLINCHING SHOE NAILS.

Swedes Iron, in ¼ lb. Papers.

No. 41—Sizes 3, 3½, 4, 4½, 5, 6 and 7-eighths in., per dozen, - - - - - - - - - $0.50

ONE DOZEN PAPERS IN A PACKAGE.

WIRE CLINCHING SHOE NAILS.



"Holdfast," in ¼ lb. Papers.

No. 42—Sizes 3, 3½ and 4-eighths in., - per pound $0.24
No. 42—Sizes 4½, 5, 5½, 6 and 7-eighths in., .22

ONE DOZEN PAPERS IN A PACKAGE.

PLATED AND BRASS SHOE NAILS.

Brass Plated Clinching, in 2 oz. Papers.

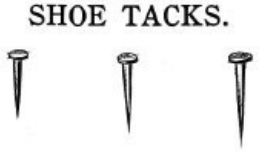
No. 43—Sizes 3, 4, 5, 6 and 8-eighths in., - per dozen $0.36

Brass Clinching, in 2 oz. Metal Boxes.

No. 44—Sizes 3, 3½, 4, 4½, 5, 5½ and 6-eighths in., per dozen, - - - - - - - - $0.70

ONE DOZEN PAPERS IN A PACKAGE.

SHOE TACKS.

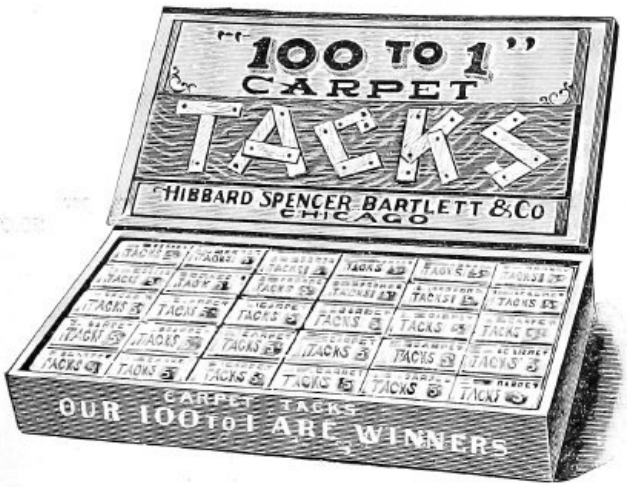


In 1 lb. Papers.

No. 47—Ounces, -	1½	2	2½
Per pound, - -	$0.23	.21	.20

ONE DOZEN PAPERS IN A PACKAGE.

TACKS IN ASSORTED CASES.



"100 to 1," Polished Steel Carpet Tacks, Flat Head, 500 in a Colored Enameled Paper.

No. 60—72 papers (twelve 6 oz., forty-two 8 oz. and eighteen 10 oz.), - - - - - - - per case $4.00

No. 80—72 papers (forty-eight 8 oz. and twenty-four 10 oz.), per case, - - - - - - - - - 4.00

No. 90—72 papers (all 8 oz.), - - - per case 4.00

AVERAGE WEIGHT 33 LBS. PER CASE.

Plymouth Rock Coppered Steel Carpet Tacks, Flat Head.

No. 275—144 ¼ lb. papers (twenty-four 6 oz., seventy-two 8 oz. and forty-eight 10 oz.,) - - - per case $7.50

No. 276—72 ¼ lb. papers, all 8 oz., - - " 3.50

No. 277—72 ¼ lb. papers, all 10 oz., - " 3.50

WEIGHT 40 LBS. PER CASE

Silver Steel Carpet Tacks, Flat Head, 100 in a Paper.

No. 100—100 papers (twenty 6 oz., fifty 8 oz. and thirty 10 oz.), w't per case 10 lbs., - - - per case $1.80

No. 250—72 papers (six 6 oz., forty 8 oz., twenty 10 oz. and six 12 oz.), 250 tacks in a paper, w't per case 16½ lbs., per case, - - - - - - - - - 2.40

3 Inch Wood Kegs, Flat Head Blued Steel Tacks.

No. 144—144 kegs (ninety-six 8 oz. and forty-eight 10 oz.,) per case, - - - - - - - - - $4.00

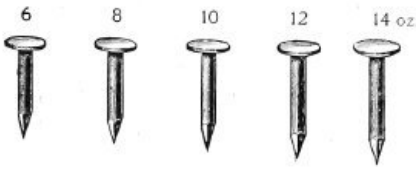
3 Inch Wood Kegs, Flat Head Tinned Steel Tacks.

No. 244—144 kegs (ninety-six 8 oz. and forty-eight 10 oz.,) per case, - - - - - - - - - 5.00

WEIGHT 29 LBS. PER CASE.

TACKS.

FLAT HEAD WIRE CARPET.



Half Weight, Polished.

No. 72—Ounces,	6	8	10	12	14
Per dozen, -	$2.10	2.70	3.35	4.00	4.75

2 oz. Papers, Polished.

No. 75—Sizes 6, 8, 10, 12, 14 and 16 oz., - per dozen **$1.50**

ONE DOZEN PAPERS IN A PACKAGE.

OVAL HEAD WIRE CARPET.

Half Weight, Tinned.

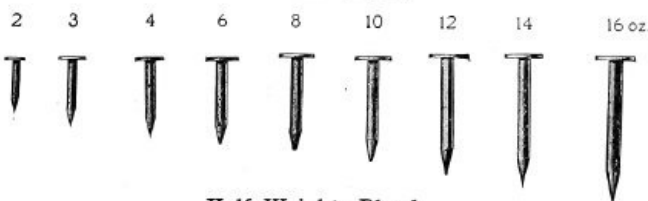
No. 73—Ounces,	-	6	8	10
Per dozen,	-	$3.00	3.70	4.50

2 oz. Papers, Tinned.

No. 76—Sizes 6, 8, 10, 12 and 14 oz., - per dozen **$2.00**

ONE DOZEN PAPERS IN A PACKAGE.

WIRE CUT.

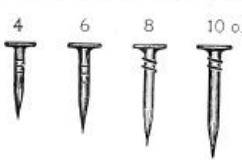


Half Weight, Blued.

No. 70—Ounces,	2	3	4	6	8
Per dozen, -	$1.50	1.60	1.85	2.35	2.95
No. 70—Ounces,	- -	**10**	**12**	**14**	**16**
Per dozen, -	- -	$3.60	4.25	5.00	5.70

ONE DOZEN PAPERS IN A PACKAGE.

WIRE UPHOLSTERERS'.



Blued Steel, in 25 lb. Boxes.

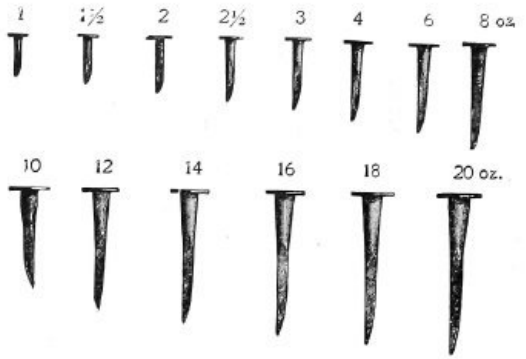
No. 77—Ounces,	3	4	6	8	10
Per pound, -	$1.53	1.38	1.28	1.18	1.13

BILL POSTERS'.

Blued Steel Wire, in 25 lb. Boxes.

No. 78—4 oz., - - - - - - per pound

CUT.

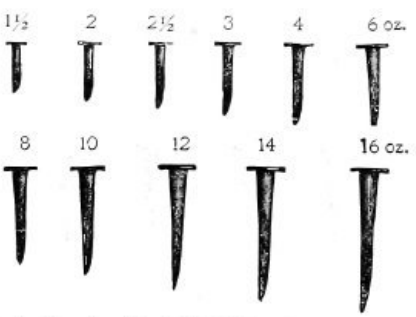


Half Weight, Blued.

No. 50—Ounces,	1	1½	2	2½	3	4	6
Per dozen, -	$1.40	1.45	1.50	1.55	1.60	1.85	2.35
No. 50—Ounces,	**8**	**10**	**12**	**14**	**16**	**18**	**20**
Per dozen, -	$2.95	3.60	4.25	5.00	5.70	6.40	7.10

ONE DOZEN PAPERS IN A PACKAGE.

UPHOLSTERERS'.



S. S. Swedes, Full Weight, in Papers.

No. 45—Ounces,	2	2½	3	4
Per dozen, -	$3.30	3.50	4.00	4.50
No. 45—Ounces,	**6**	**8**	**10**	**12**
Per dozen, -	$6.00	7.50	9.00	10.50

ONE DOZEN PAPERS IN A PACKAGE.

S. S. Swedes, 1 lb. Papers.

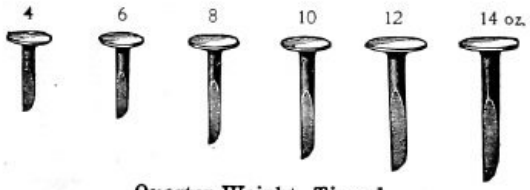
No. 45—Ounces,	1½	2	2½	3	4	6
Per pound, -	$2.56	2.01	1.76	1.61	1.46	1.36
No. 45—Ounces, -	-	**8**	**10**	**12**	**14**	**16**
Per pound, -	- -	$1.26	1.21	1.16	1.16	1.16

S. S. Swedes, in 25 lb. Boxes.

No. 45—Ounces,	1½	2	2½	3	4	6
Per pound, -	$2.48	1.93	1.68	1.53	1.38	1.28
No. 45—Ounces, -	-	**8**	**10**	**12**	**14**	**16**
Per pound, -	- -	$1.18	1.13	1.08	1.08	1.08

TACKS.

FLAT HEAD CARPET.



Quarter Weight, Tinned.

No. 58—Ounces,	4	6	8	10	12
Per dozen,	$1.35	1.60	2.00	2.35	2.70

ONE DOZEN PAPERS IN A PACKAGE.

Half Weight, Blued.

No. 51—Ounces,	4	6	8	10	12	14	16
Per dozen,	$1.60	2.10	2.70	3.35	4.00	4.75	5.45

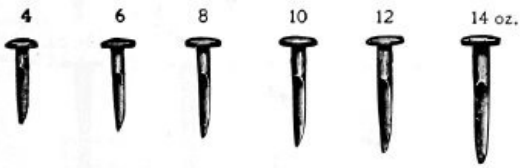
ONE DOZEN PAPERS IN A PACKAGE.

ATLAS SPECIAL CARPET.

S. S. Swedes, Blued, in 4 oz. Papers.

No. 52—Sizes 6, 8, 10, 12, 14, 16, 18 and 20 oz., per dozen $2.70

OVAL HEAD CARPET.



Half Weight, Tinned.

No. 57—Ounces,	4	6	8	10	12	14
Per dozen,	$2.45	3.00	3.70	4.50	5.35	6.15

ONE DOZEN PAPERS IN A PACKAGE.

"NEVER RUST" CARPET.

Japanned, Large Head, ¼ lb. Papers.

No. 400—Sizes 6, 8 and 10 oz., - - - per dozen $0.50

ONE DOZEN PAPERS IN A PACKAGE.

BILL POSTERS'.

Blued Steel, in 5 lb. Boxes.

No. 55—Ounces,	3	4	6	8
Per pound,	$1.61	1.46	1.36	1.26

DOUBLE POINTED.

Blued, 100 Count.

Nos.	9	10	11	12	14
Per dozen,	$1.20	1.30	1.40	1.60	1.85

ONE DOZEN PAPERS IN A PACKAGE.

Tinned, 100 Count.

Nos.	9	10	11	12	14
Per dozen,	$1.55	1.65	1.80	2.05	2.35

ONE DOZEN PAPERS IN A PACKAGE.

Blued, in 25 lb. Boxes.

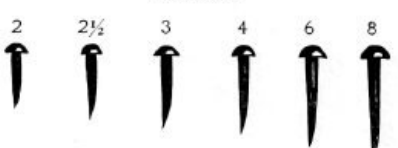
Nos.	9	10	11	12
Per pound,	$0.46	.42	41	.40

WIRE CLOTH.

No. 5—Blued, in papers, 100 count, - - per dozen $1.20

No. 5—Blued, in 10 lb. boxes, - - - per pound .52

GIMP.



Half Weight, Blued.

No. 46—Ounces,	2	2½	3	4	6	8	10
Per dozen,	$2.35	2.50	2.85	3.25	3.85	4.75	5.60

ONE DOZEN PAPERS IN A PACKAGE.

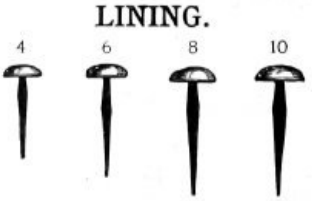
LEATHER HEAD.

144 Count.

No. 40—Ounces,	6	8	10
Per dozen,	$0.54	.57	.60

ONE DOZEN PAPERS IN A PACKAGE.

LINING.

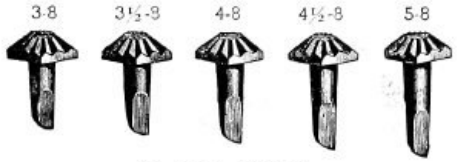


No. 47—Bright, 4, 6, 8 and 10 oz., - - per paper $0.10

No. 48—Japanned, 4, 6, 8 and 10 oz., - - " .10

SEVENTY-FIVE IN A PAPER. TWENTY PAPERS IN A PACKAGE
WE DO NOT BREAK PACKAGES.

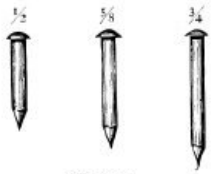
GROOVED HOB NAILS.



In ½ lb. Papers.

No. 5—Sizes, 3, 3½, 4, 4½ and 5-eighths in., - per pound $0.13

ESCUTCHEON PINS.



Brass.

Length,	½	½	⅝	⅝	¾	¾ in.
Wire gauge, -	16	18	16	18	12	14
Per pound, -	$0.82	.96	.80	.94	.73	.75
Length, -	¾	¾	⅞	⅞	1	1 in.
Wire gauge, -	16	18	14	16	12	14
Per pound, -	$0.78	.92	.74	.76	.71	.73

ONE POUND IN A BOX.

OIL CLOTH BINDING NAILS.

No. 18—⅝ in., oval head, steel wire, in 2 oz. papers, per dozen $0.60

ONE DOZEN PAPERS IN A PACKAGE.

LOGGERS' BOOT CALKS.

Lufkin, Steel.

Nos. - - -	000	00	1
Length of point, -	¼	5/16	⅜ in.
W't per 1,000, -	3	4	4½ lbs.
Per thousand, -	$7.00	7.00	7.00

100 IN A PAPER. 1,000 IN A PACKAGE.

BOOT CALK SETS.

No. 43—Sets, forged steel, polished, length 2⅞ in., w't per doz. 1 lb., - - - - - - per dozen $3.75

No. 83—Combination Set and Punches, forged steel, polished, length 4⅜ in., w't per doz. 2 lbs., - per dozen $4.00

ONE DOZEN IN A BOX.

FURNITURE NAILS.

Oval, Brass Head.

Nos. - -	19	12	42	43
Number in a box,	1,000	1,000	1,000	1,000
Per thousand, -	$1.30	1.30	1.40	1.20
Nos. - -	142	143	242	243
Number in a box,	100	100	50	50
Per thousand, -	$1.70	1.50	1.90	1.70

Oval, Nickel Plated Head.

No. 42N—1,000 in a box, - - - per thousand $2.00
No. 43N—1,000 in a box, - - - " 1.75

Conical, Brass Head.

No. 121—1,000 in a box, - - - per thousand $2.00
No. 122—1,000 in a box, - - - " 3.00

ZINC GLAZIERS' POINTS.

In ¼ lb. Papers.

No. 2—Small, - - - - - - per dozen $0.80
No. 1—Medium, - - - - - " .80
No. 0—Large, - - - - - " .80

ONE DOZEN IN A PACKAGE.

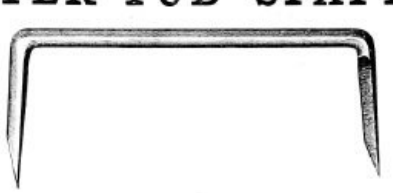
BLIND STAPLES.

Barbed.

Length, - -	⅜	½	⅝	¾ in.
Per pound, -	$0.18	.17	.17	.17

TEN POUNDS IN A BOX.

BUTTER TUB STAPLES.



No. 1—Light, length 2 in., coppered, - - per pound $0.16
No. 2—Heavy, length 2 in., coppered, - - " .15

350 POUNDS IN A BARREL.

ACME FLEXIBLE CLASPS.

No. 10—ACME, length 2¾ in., coppered, - per pound $0.25

TWENTY-FIVE POUNDS IN A BOX.

THE END OF THIS DIVISION

In order to allow for future additions to this line, we have omitted pages 529 to 600 inclusive.

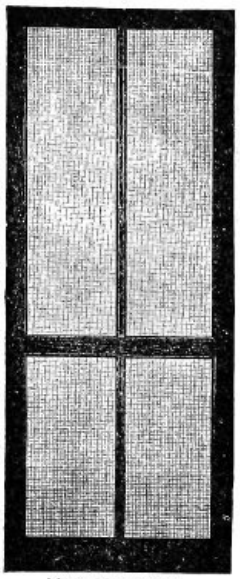
Please note that each succeeding division of this catalogue begins with the first number of the following hundred pages.

THE WEIGHTS GIVEN IN THIS CATALOGUE

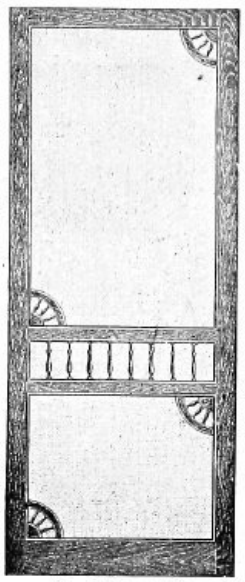
Are supplied solely as an aid in figuring freights, and are approximately accurate. As changes are constantly being made in the manner of packing goods, and on account of variations in some lines, it is impossible to give figures that will always be exact in every case. Where possible we have given weights of factory packages as ordinarily sold; on all other goods weights are net and do not include cases.

SCREEN DOORS AND WINDOW SCREENS.

SCREEN DOORS.



Nos. 80 to 100.



Nos. 120 to 130.

Four Panel, Painted Green (Not Dipped), with a Pure Linseed Oil Paint, Black Wire Cloth, 12 Mesh, Stock Sizes.

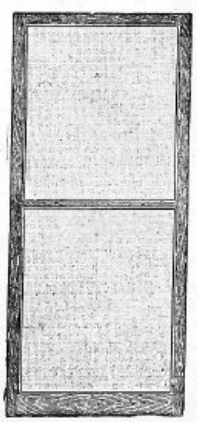
No. 80— 7/8 in., 2 ft. 6 in.×6 ft. 6 in., w't per doz. 180 lbs., per dozen..... $16.00
No. 82— 7/8 in., 2 ft. 8 in.×6 ft. 8 in., w't per doz. 190 lbs., per dozen..... 16.50
No. 90—1 1/8 in., 2 ft. 6 in.×6 ft. 6 in., w't per doz. 220 lbs., per dozen..... 17.50
No. 92—1 1/8 in., 2 ft. 8 in.×6 ft. 8 in., w't per doz. 230 lbs., per dozen..... 18.00
No. 94—1 1/8 in., 2 ft. 8 in.×7 ft., w't per doz. 250 lbs. per dozen 18.50
No. 96—1 1/8 in., 2 ft. 10 in.×6 ft. 10 in., w't per doz. 250 lbs., per dozen..... 19.00
No. 98—1 1/8 in., 2 ft. 10 in.×7 ft., w't per doz. 260 lbs. per dozen 19.50
No. 100—1 1/8 in., 3 ×7 ft., w't per doz. 260 lbs..... " 20.00

Made from kiln-dried pine, free from damaging imperfections. 3 in. stiles, 7/8 or 1 1/8 in. thick, 1/2 in. wider and 1 in. longer than regular size, to allow for trimming, base rails 6 in. wide, O. G. finish, and with square mortised and tenoned joints throughout, making the strongest and best construction possible. The edge of the wire cloth is covered with beaded moulding (raised) with mitered joints.

Fancy, Natural Wood Color, with Two Coats of Varnish that will Stand Weather Exposure and Will Not Mar in Shipping, Black Wire Cloth, 12 Mesh, Stock Sizes.

No. 120—1 1/8 in., 2 ft. 6 in.×6 ft. 6 in., w't per doz. 240 lbs., per dozen..... $32.00
No. 122—1 1/8 in., 2 ft. 8 in.×6 ft. 8 in., w't per doz. 260 lbs., per do en..... 32.50
No. 123—z1 1/8 in., 2 ft. 8 in.×7 ft., w't per doz. 260 lbs. per dozen 33.00
No. 124— 1 1/8 in., 2 ft. 10 in.×7 ft., w't per doz. 260 lbs. " 33.50
No. 126— 1 1/8 in., 2 ft. 10 in.×6 ft. 10 in., w't per doz. 270 lbs., per dozen..... 34.00
No. 130—1 1/8 in., 3 ft.×7 ft., w't per doz. 280 lbs.....per dozen 34.50

Made from strictly clear pine, kiln dried, free from imperfections. Only select stock is used. 3 in. stiles, 6 in. base rail, 1 1/8 in. thick, 1/2 in. wider and 1 in. longer than regular size, to allow for trimming, O. G. finish, and with square mortised and tenoned joints throughout, making the strongest and best construction possible. The edge of the wire cloth is covered with beaded moulding (raised) with mitered joints.



OUTSIDE STATIONARY WINDOW SCREENS.

The frames are made of pine, stiles or side pieces are 2 in. wide, top rail 2 in. wide, lock (or center) rail 1 in. wide, bottom rail 3 1/2 in. wide, mortised and tenoned joints, painted green or black, stained to imitate walnut, cherry or mahogany.

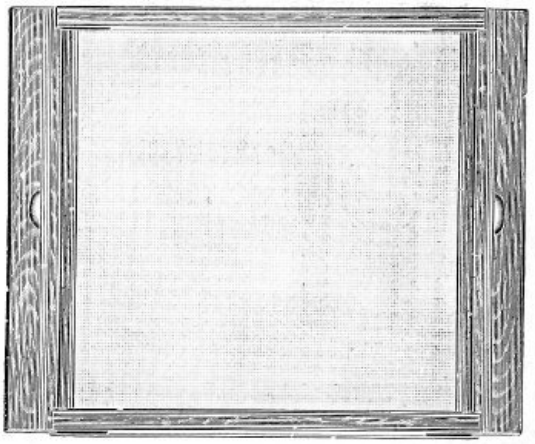
Black wire cloth is used on frames, unless otherwise specified.

In ordering these screens, specify size of glass and the number of lights, thickness of frame and color.

7/8 in. (any height or width) ★ per 100 square feet..... $8.00
1 1/8 in. (any height or width) ★ per 100 square feet..... 9.00

★*FOR SHIPMENT FROM FACTORY ONLY.*

WINDOW SCREENS.

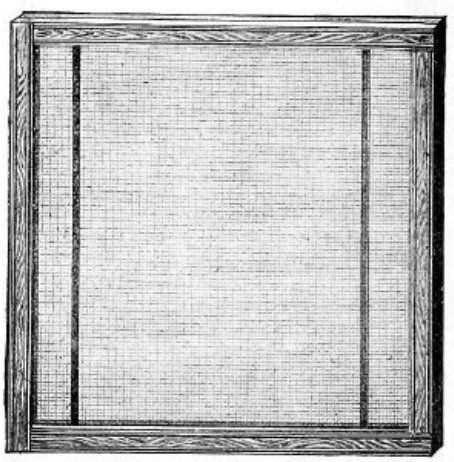


Hardwood, Beaded, Oil Finish, 6 Inches of Adjustment, Flush Handles.

Nos.	1	2	3	4
Height	24	24	30	30 in.
Width closed	24	30	24	30 in.
Width extended	30	36	30	36 in.
W't per doz.	36	40	55	60 lbs.
Per dozen	$7.00	7.50	7.75	8.25

Six inches of adjustment (three inches on each side). The side wings are prevented from warping by heavy strips let into the surface across the grain. The springs are made of the best steel, tempered after they are coiled, are absolutely concealed and will retain their elasticity.

ONE DOZEN IN A CRATE.



Extension, Hardwood, Oiled, Beaded on Both Sides.

Nos.	6	7	8	9	12
Height	18	24	24	30	36 in.
Width closed	21	21	23	23	23 in.
Width extended	33	33	37	37	37 in.
W't per doz.	34	38	45	52	59 lbs.
Per dozen	$6.25	7.25	7.65	9.50	11.35

These screens are guaranteed to have perfect adjustment. The wire cloth is securely fastened to frame and is covered with the moulding.

ONE DOZEN IN A CRATE.

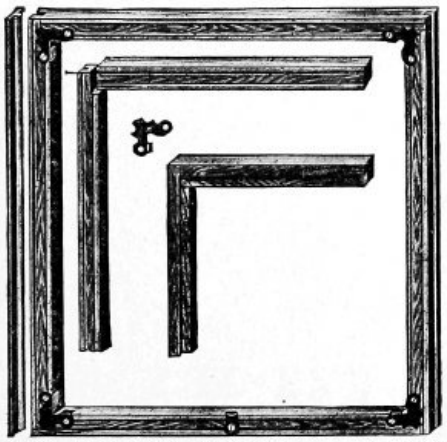
SCREEN CORNER IRONS.

No. 1—2 1/4×2 1/4 in., japanned, 4 in a set, w't per doz. sets 4 lbs., per dozen sets..... $1.50

THREE DOZEN SETS IN A BOX.

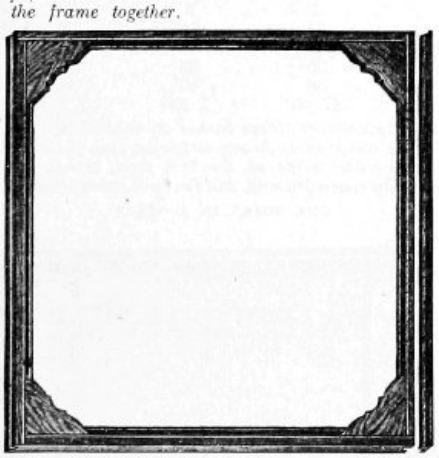
WINDOW SCREEN FRAMES, WIRE CLOTH, ETC.

WINDOW SCREEN FRAMES.



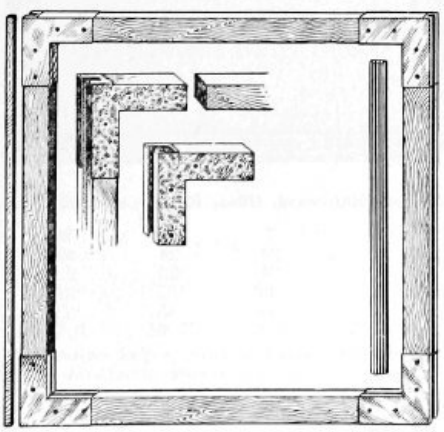
No. 60—36×42 in., w't per doz. sets 53 lbs.....per dozen sets $2.90
No. 61—42×42 in., w't per doz. sets 55 lbs..... " " 3.30

Heavy walnut stained strips and moulding to cover the edge of wire cloth, also guide strips, Berlin bronzed cast corners with screws and the necessary nails to put the frame together.



No. 80—36×36 in., w't per doz. sets 40 lbs. .....per dozen sets $3.50
No. 85—42×42 in., w't per doz. sets 53 lbs. ..... " " 4.25

TWO DOZEN SETS IN A CRATE.



Ferry's.

30×42 in., w't per doz. 110 lbs.....per dozen $5.50
36×36 in per doz. 110 lbs..... " 5.50
36×42 in., w't per doz. 115 lbs..... " 6.00
36×48 in., w't per doz. 120 lbs..... " 6.50
36×72 in., w't per doz. 175 lbs..... " 8.00

They are made with Ferry's steel socket galvanized iron corners and are absolutely rigid, require no skill to put together and they can be made to fit any window in a few minutes. They are not surpassed in strength and neatness by any mill made screen.

TWO DOZEN IN A CRATE.

SCREEN WIRE CLOTH.

Double Selvedge.

12 Mesh, black, widths 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 in.....per square foot $0.04
14 Mesh, black, widths 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 in★.....per square foot .06
16 Mesh, black, widths 18, 20, 22, 24, 26, 23, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 in.★.....per square foot .08
12 Mesh, galvanized, widths 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 in.....per square foot .10
14 Mesh, galvanized, widths 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46 and 48 in.★.....per square foot .12
13 Mesh, galvanized, black, No. 33 galvanized steel wire enameled black, standard grade (stock sizes), widths 24, 26, 28, 30, 32, 34 and 36 in., per square foot ..... .11
14 Mesh, genuine bronze (stock sizes), widths 26, 28, 30 and 36 in., per square foot..... .15
14 Mesh, genuine bronze, (factory sizes), widths 18, 20, 22, 24, 32, 34, 38, 40, 42, 44, 46 and 48 in.★.....per square foot .15

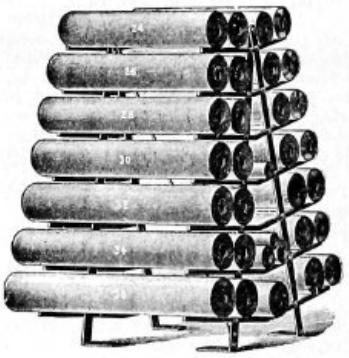
We always send 12 mesh unless otherwise ordered. We do not pack wire cloth in boxes unless so ordered, in which case an additional charge is made.

IN ROLLS OF ONE HUNDRED RUNNING FEET.

TABLE SHOWING WEIGHTS PER ROLL.

Widths.....	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	in.
W't per roll...	15	17	19	21	23	24	25	27	28	30	31	33	35	36	37	38	lbs.

WIRE CLOTH RACKS.

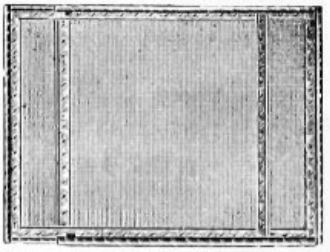


No. 100—IXL, wrought steel, galvanized, height 48 in., w't 40 lbs..each $5.50

Gives room for all sizes and kinds of wire cloth within easy reach, occupies but small space, and serves to advertise the goods and improves the appearance of the store. Space for twenty-eight full rolls of wire cloth, with additional room for remnants.

ONE IN A CRATE.

GALVANIZED ADJUSTABLE WINDOW SCREENS.



Metallic Frame, Absolutely Weatherproof.

Nos.....	20	35	40	50	
Height.....	15	18	22	26	in.
Width, extended.....	37	37	37	37	in.
W't per doz.....	24	22	25	32	lbs.
Per dozen.....$8.50		9.00	10.00	11.00	

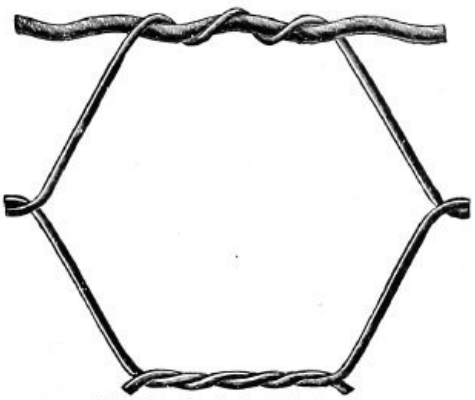
Metallic adjustable screens are made with strong galvanized sheet iron frames, the screen cloth being riveted to frame in such a way that it may be rescreened. There is but one thickness and it is impossible for germs, insects, dust or moisture to collect. Positively will keep flies out.

ONE DOZEN IN A CRATE.

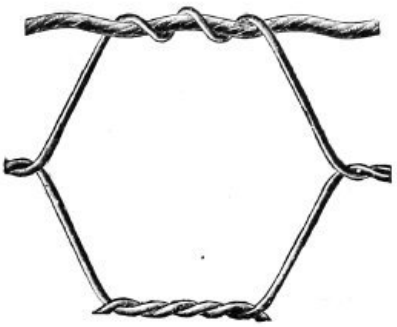
★ *FOR FACTORY SHIPMENT ONLY.*

POULTRY NETTING AND HARDWARE WIRE CLOTH.

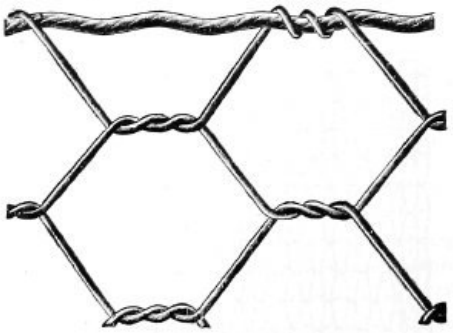
POULTRY NETTING.



Full Size Cut 2 Inch Mesh.



Full Size Cut 1½ Inch Mesh.



Full Size Cut 1 Inch Mesh.

Galvanized, Hexagon Mesh.

Nos	14	15	16	17	18	19	20
2 in. Mesh per square foot	$.09½	.07¼	.05½	.04½	.03¼	.02½	.02¼
1½ in. Mesh " "			.08¾	.07¼	.04½	.03½	.03
1 in. Mesh " "					.07¾	.06¾	.05½
¾ in. Mesh " "						.10¾	.09

TABLE OF WEIGHT PER ROLL OF 150 RUNNING FEET.

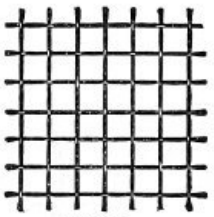
Widths	12	18	24	30	36	42	48	54	60	66	72	84	96 in.
No. 19—2 in.	13	18	23	28	32	37	42	47	51	56	61	70	80 lbs.
No. 19—1½ in.	16	23	29	36	43	48	55	63	68	75	82	94	107 lbs.
No. 19—1 in.	24	33	44	54	65	74	85	96	105	115	124	144	164 lbs.
No. 19— ¾ in.	29	41	54	66	79	91	104	117	129	141	154	179	204 lbs.

NETTING STAPLES.

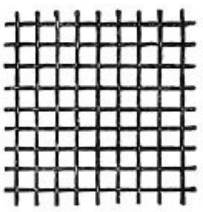
	PER BOX.	PER KEG.
No. 14—Galvanized, ¾ in., 10 lbs. in a box, 100 lbs. in a keg	$1.20	10.00

HARDWARE WIRE CLOTH.

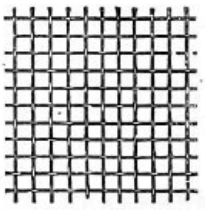
4 Mesh.



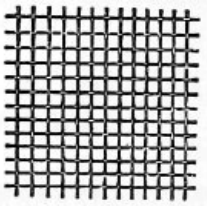
6 Mesh.



8 Mesh.



10 Mesh.



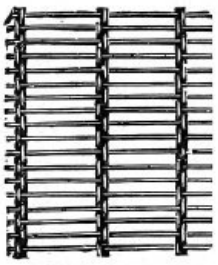
12 Mesh.

Square Mesh, Light Hardware Grade, 24, 30 or 36 Inch Wide.

Mesh	2	2½	3	4	5	6	7	8	10	12
Wire Gauge	19	20	21	23	24	25	26	27	30	31
Annealed, per square foot	$0.08	.08	.08	.08	.08	.08	.08	.08	.10	.10
Galvanized " "	.12	.12	.12	.12	.12	.12	.15	.15	.18	.18

When ordering, be particular to state length, mesh, width and size of wire wanted. The mesh means the number of openings or holes to the inch, measured from the center of the wires; in other words, counting the number of openings in an inch, taking the center of a given wire for a starting point. The size of the openings in a mesh depends on the size of the wire used. The heavier the wire, the smaller the opening. We catalogue only the size usually furnished when size of wire is not specified. Where a special size is wanted be particular to send sample. Wire cloth is sold in full rolls of 100 running ft.; the standard widths are 24, 30 and 36 in., but many other widths from 12 to 48 in., inclusive, can be usually furnished. When less than a full roll is ordered, an extra charge is made; when less than 50 running feet., a further advance is made. CUT PIECES OF WIRE CLOTH CANNOT BE RETURNED.

100 RUNNING FEET IN A ROLL. AVERAGE WEIGHT 20 LBS. PER 100 SQUARE FEET.



Long Mesh.

Long Mesh, Medium Grade. 20 to 36 Inches Wide.

Mesh	2×4	2×9	2×10	3×12
Annealed, per square foot	$0.08	.08	.08	.08
Mesh	**3×14**	**3×16**	**4×14**	**4×16**
Annealed, per square foot	$0.08	.08	.08	.08

100 RUNNING FEET IN A ROLL.

TABLE SHOWING SIZES BEST ADAPTED FOR DIFFERENT USES.

Fanning Mills.

Chaffing	1 Mesh
Wheat sieve	4 or 5 "
Wheat screen	6 "
Rye	3 "
Barley	3 "
Cockle	7, 8 or 9 "
Peas	3 "

Fanning Mills.

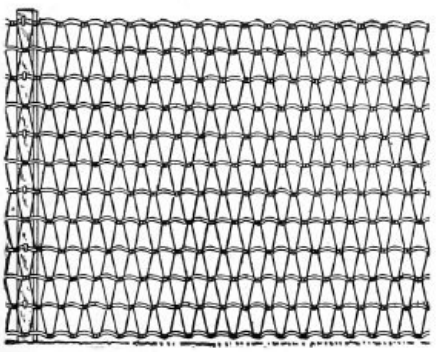
Clover	13 or 14 Mesh
Clover from sand	24 or 28 "
Clover from plantain seed	4×26 "
Timothy	16, 18 or 20 "
Cheat	3×12, 2×9 or 2×10 "
Flax	3×14, 3×16, 4×14 or 4×16 "
Beans	2×4 or 3 "
Buckwheat	5 "
Mustard	16 "

Threshing Machines.

Oats	⅝, ¾, 1, 1×2½, 3, 4 or 5 Mesh
Wheat	4, 3×4, 3½, 4½ or 5 "
Barley	2, 2½, 3 or 2×4 "
Flax	3×12, 8 or 9 "
Timothy	14 or 16 "
Clover	12 or 14 "

WOVEN WIRE FENCE.

DWIGGINS PERFECTION POULTRY.



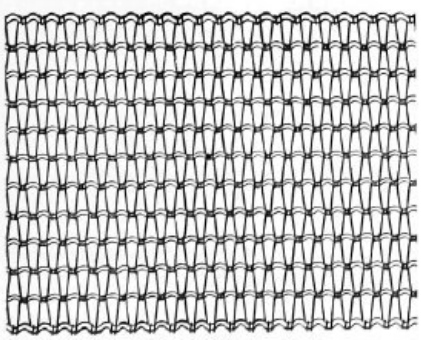
Galvanized, Top and Bottom Wires, No. 11; Intermediate Wires, No. 13; Tie Wires, No. 17.

No. 1—Height	**27½**	**32**	**36½**	**41 in.**
Bars	7	8	9	10
W't per rod	6	6.75	7.6	8.4 lbs.
Per rod	$0.54	.60	.64	.70
No. 1—Height	**45½**	**50**	**54½**	**59 in.**
Bars	11	12	13	14
W't per rod	9.2	10	10.8	11.5 lbs.
Per rod	$0.74	.80	.84	.90

No. 1 Poultry Fence mesh is three-inch centers, which makes an opening at widest point two and one-half inches.

TEN OR TWENTY RODS IN A ROLL.

DWIGGINS O. K. POULTRY AND RABBIT.



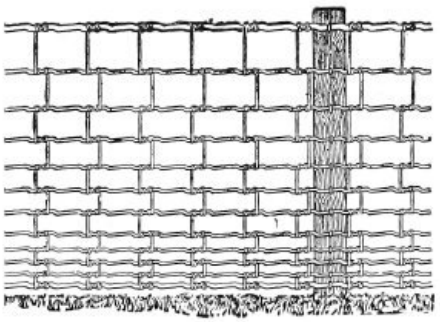
Galvanized, Top and Bottom Wires, No. 11; Intermediate Wires, No. 13; Tie Wires, No. 17.

No. 2—Height	**27½**	**32**	**36½**	**41 in.**
Bars	7	8	9	10
W't per rod	7.5	8.5	9.5	10.6 lbs.
Per rod	$0.69	.76	.80	.86
No. 2—Height	**45½**	**50**	**54½**	**59 in.**
Bars	11	12	13	14
W't per rod	11.2	12.4	13.5	14.5 lbs.
Per rod	$0.94	1.02	1.10	1.18

No. 2 O. K. Fence mesh is two-inch centers, which makes an opening at widest point one and one-half inches. These fences are perfectly constructed and, when properly erected, will not bag or buckle.

TEN OR TWENTY RODS IN A ROLL.

SPECIAL VICTOR.



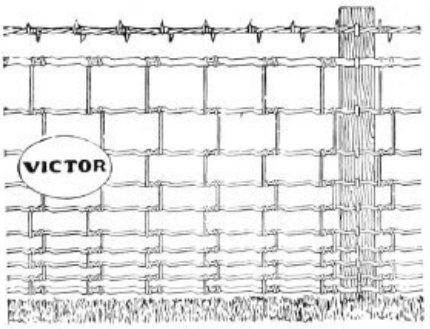
12 INCH STAY, Galvanized, Top and Bottom Wires, No. 9; Intermediate Wires, No. 11; Stay Wires, No. 13; Square Mesh.

Height	**28**	**34**	**41**	**46**	**49**	**58 in.**
Bars	8	9	9	10	11	12
W't per rod	7.2	8	8.4	9.2	10.3	11.1 lbs.
Per rod	$0.42	.47	.50	.54	.58	.64

6 INCH STAY, Galvanized, Top and Bottom Wires, No. 9; Intermediate Wires, No. 11; Stay Wires, No. 13; Square Mesh.

Height	**28**	**34**	**41**	**46**	**49**	**58 in.**
Bars	8	9	9	10	11	12
W't per rod	8.4	9.4	10.2	11	12.5	13.4 lbs.
Per rod	$0.52	.57	.63	.68	.72	.80

REGULAR VICTOR.



12 INCH STAY, Galvanized, Top Wire, No. 7; Bottom Wire, No. 9; Intermediate Wires, No. 11; Stay Wires, No. 13; Square Mesh.

Height	**28**	**34**	**41**	**46**	**49**	**58 in.**
Bars	8	9	10	10	11	12
W't per rod	8.3	9.2	9.6	10.5	11.4	12.3 lbs.
Per rod	$0.45	.50	.56	.60	.63	.70

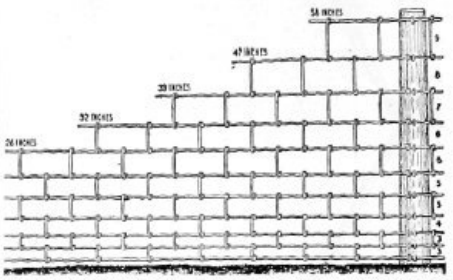
6 INCH STAY, Galvanized, Top Wire, No. 7; Bottom Wire, No. 9; Intermediate Wires, No. 11; Stay Wires, No. 13; Square Mesh.

Height	**28**	**34**	**41**	**46**	**49**	**58 in.**
Bars	8	9	10	10	11	12
W't per rod	9.9	11.1	11.7	12.8	13.9	15.1 lbs.
Per rod	$0.58	.65	.69	.76	.82	.92

The horizontal wires are crimped every six inches, thus positively providing for expansion and contraction. The stay wires are made of No. 13 wire.

TWENTY RODS IN A ROLL.

KING.



12 INCH STAY, Galvanized, Top and Bottom Wires, No. 10; Intermediate Wires, No. 12; Stay Wires, No. 12.

Height	**47**	**39**	**32**	**26**	**20 in.**
Bars	10	9	8	7	6
W't per rod	7¼	6⅔	5¾	5	4⅓ lbs.
Per rod	$0.74	.66	.59	.52	.45

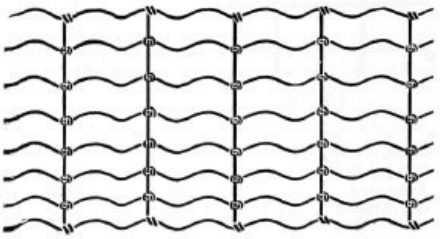
8 INCH STAY, Galvanized, Top and Bottom Wires, No. 10; Intermediate Wires, No. 12; Stay Wires, No. 12.

Height	**47**	**39**	**32**	**26 in.**
Bars	10	9	8	7
W't per rod	8½	7½	6⅔	5¾ lbs.
Per rod	$0.84	.75	.66	.58

Height 26 in., stay 6 in., galvanized, top and bottom wires, No. 10; intermediate wires, and stay wires No. 12, bars 9, w't per rod 4¾ lbs. . . . . per rod $0.66

The stays of King fence are offset or staggered, inasmuch as they do not run in a straight line from top to bottom; instead each stay is independent and attached to two wires only. This arrangement adds to the strength and durability of the fencing.

WOLVERINE.



Best Hard Steel, Galvanized, Top and Bottom Wires, No. 9, Intermediate Wires No. 12.

Height	**20**	**26**	**20**	**26 in.**
Bars	6	7	6	7
Distance bet. stays	6	6	8	8 in.
W't per rod	5½	6½	5	5¾ lbs.
Per rod	$0.66	.78	.56	.66

The above fencing is adapted for hog fence.

Height	**42**	**50**	**58 in.**
Bars	9	10	11
Distance between stays	8	8	8 in.
W't per rod	8	9	10 lbs.
Per rod	$0.90	1.01	1.13
Height	**42**	**50**	**58 in.**
Bars	9	10	11
Distance between stays	12	12	12 in.
W't per rod	7	8	9 lbs.
Per rod	$0.80	.90	1.01

The above fencing is adapted for field fence.

34 in. high, 8 bars, distance between stays 8 in., adapted for hog and sheep fence, w't per rod 7 lbs. . . . . per rod $0.78

The horizontal wires of Wolverine fencing have a spring which give the fence great elasticity, thereby withstanding the shocks it may receive from unruly animals.

Wolverine is built to stand any test to which a fence can be put.

IN TWENTY AND FORTY ROD ROLLS.

"REV-O-NOC" WOVEN WIRE FENCING.

REV-O-NOC woven wire fencing is made of the best quality of hard-drawn steel wire. This wire is heavily galvanized making it weather proof; all the wire used must withstand a rigid acid test. Skilled workmen, who are familiar with all the conditions, examine carefully every wire used. We have combined in our fence durability and extreme quality. You cannot find a fence anywhere combining as many good features as the REV-O-NOC. It is built to stand any test to which a fence can ordinarily be put.

The Lock or tie is very strong, having five points of bearing; it holds wires firmly, nonslipable, but permitting enough play so that fence will go up on hilly ground, letting cross-bars stand perpendicular without kinking line wires. Our lock is not driven down on wires at the point of crossing, but is driven at an angle, and therefore not a wire in the fence is injured.

The Type belongs to the kind known as the stiff-stay type, the stay being made from one continuous piece of hard steel wire. Any fence lacking in this very essential feature, cannot long retain a presentable appearance, nor give the best of service. It will not sag in summer's heat or break in cold weather.

Spacing. All styles of field fences illustrated on this and the following page have the three bottom line wires spaced three inches apart, so that small pigs cannot squeeze through.

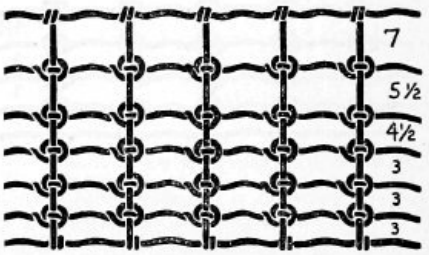
Length. In poultry fence, ten rod rolls will be supplied where wanted. Regular size rolls, however, of both poultry and field fence are either 20, 30 or 40 rods in length

No. 620-6—Galvanized, 6 wires, cross-bars 6 in. apart, height 20 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 550 lbs. ★, per 100 rods..... $32.50

20, 30 OR 40 RODS IN A ROLL.

No. 620-12—Galvanized, 6 wires, cross-bars 12 in. apart, height 20 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 450 lbs. ★, per 100 rods..... $28.50

20, 30 OR 40 RODS IN A ROLL.



No. 726-8—Galvanized, 7 wires, cross-bars 8 in. apart, height 26 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 575 lbs. ★, per 100 rods..... $35.00

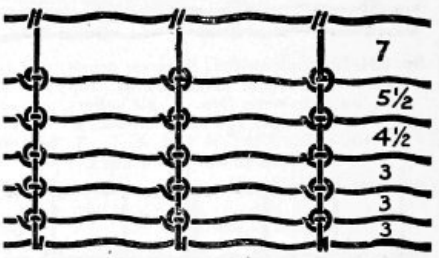
20, 30 OR 40 RODS IN A ROLL.

No. 620-8—Galvanized, 6 wires, cross-bars 8 in. apart, height 20 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 500 lbs. ★, per 100 rods..... $30.50

20, 30 OR 40 RODS IN A ROLL.

No. 726-6—Galvanized, 7 wires, cross-bars 6 in. apart, height 26 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 650 lbs. ★, per 100 rods..... $39.00

20, 30 OR 40 RODS IN A ROLL.

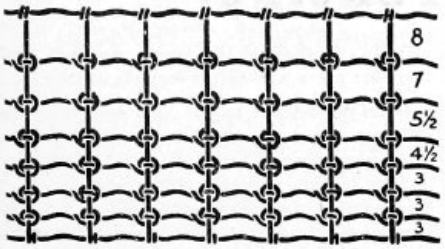


No. 726-12—Galvanized, 7 wires, cross-bars 12 in. apart, height 20 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 500 lbs. ★, per 100 rods..... $33.00

20, 30 OR 40 RODS IN A ROLL.

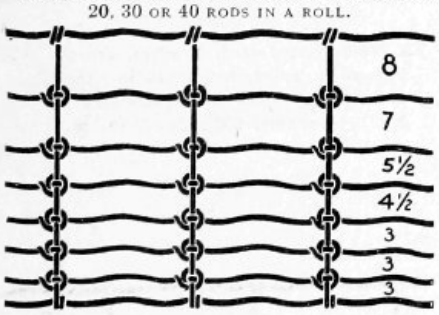
★ *FOR SHIPMENT FROM MILL.*

"REV-O-NOC" WOVEN WIRE FENCING.

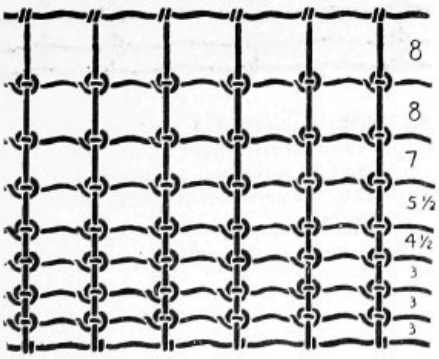


No. 834-6—Galvanized, 8 wires, cross-bars 6 in. apart, height 34 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 800 lbs., ★ per 100 rods..... $46.50
20, 30 OR 40 RODS IN A ROLL.

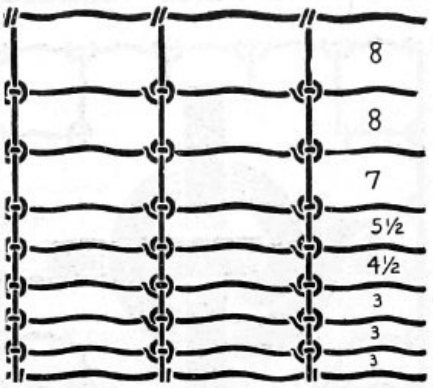
No. 834-8—Galvanized, 8 wires, cross-bars 8 in. apart, height 34 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 700 lbs., ★ per 100 rods..... $41.50
20, 30 OR 40 RODS IN A ROLL.



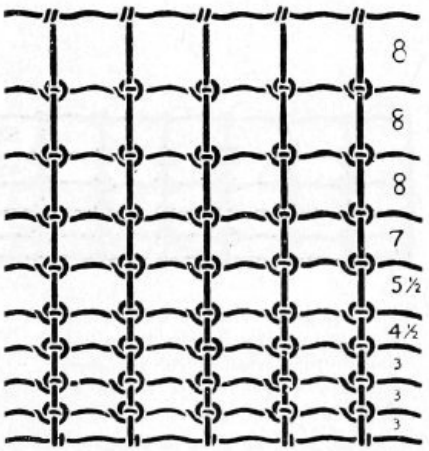
No. 834-12—Galvanized, 8 wires, cross-bars 12 in. apart, height 34 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 600 lbs., ★ per 100 rods..... $36.00
20, 30 OR 40 RODS IN A ROLL.



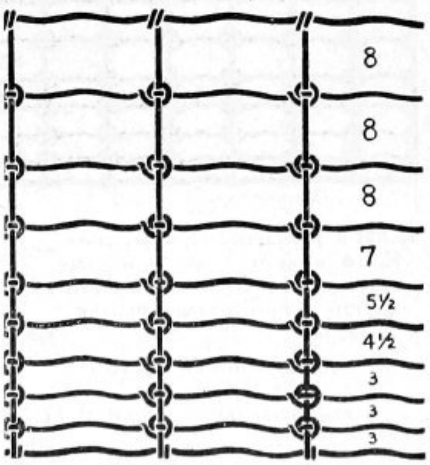
No. 942-8—Galvanized, 9 wires, cross-bars 8 in. apart, height 42 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 800 lbs., ★ per 100 rods..... $46.50
20, 30 OR 40 RODS IN A ROLL.



No. 942-12—Galvanized, 9 wires, cross-bars 12 in. apart, height 42 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 700 lbs., ★ per 100 rods..... $43.50
20, 30 OR 40 RODS IN A ROLL.

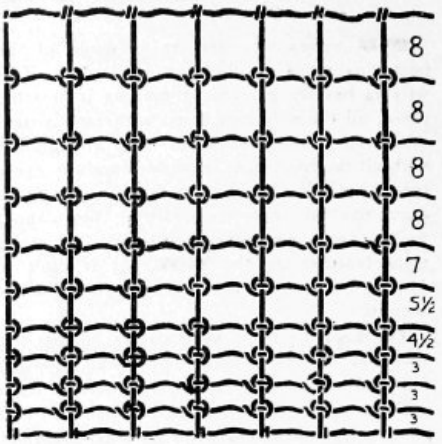


No. 1050-8—Galvanized, 10 wires, cross-bars 8 in. apart, height 50 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 900 lbs., ★ per 100 rods..... $55.00
20, 30 OR 40 RODS IN A ROLL.

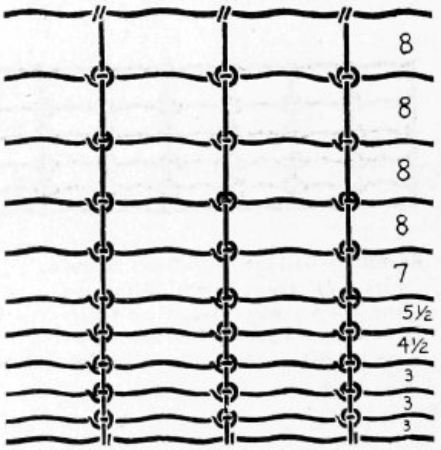


No. 1050-12—Galvanized, 10 wires, cross-bars 12 in. apart, height 50 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 800 lbs., ★ per 100 rods..... $46.50
20, 30 OR 40 RODS IN A ROLL.

★*FOR SHIPMENT FROM MILL.*

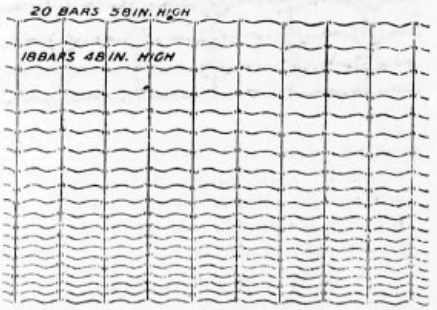


No. 1158-8—Galvanized, 11 wires, cross-bars 8 in. apart, height 58 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 1000 lbs., ★ per 100 rods..... $59.00
20, 30 OR 40 RODS IN A ROLL.



No. 1158-12—Galvanized, 11 wires, cross-bars 12 in. apart, height 58 in., top and bottom wires No. 9, all others No. 12½, w't per 100 rods 900 lbs., ★ per 100 rods..... $55.00
20, 30 OR 40 RODS IN A ROLL.

"REV-O-NOC" POULTRY.



No. 18-48—Galvanized, 18 bars, height 48 in., stay wires 9 in. apart, top and bottom wires No. 11, line and stay wires No.13, w't per 100 rods 900 lbs., ★ per 100 rods..... $62.00

No. 20-58—Galvanized, 20 bars, height 58 in., stay wires 9 in. apart, top and bottom wires No. 11, w't per 100 rods 1050 lbs. ★.....per 100 rods 72.00
10, 20, 30 OR 40 RODS IN A ROLL.

WIRE TRELLIS AND CORN CRIBS.

The folding wire supports, borders and trellis illustrated below are carefully made by machinery which locks the wires to upright rods on one end, providing also a hinge joint for the other end which gives freedom of movement, but does not allow the cross wire to slide up or down. They are erected by thrusting into the ground.

FOLDING WIRE SUPPORTS.

Galvanized, with Hooks.

No. 3A—Height 30 in., length 40 in., forms 10 in square, uprights ¼ in. steel rods, horizontals Nos. 8 wire, 6 in. apart, folds to 10 in. wide, 1⅛ in. thick, w't per doz. 45 lbs..... per dozen $6.00

Very useful for supporting small plants bearing heavy fruit, such as tomatoes, and for flowering plants liable to be beaten down by wind or rain. When used extended, it forms a high and cheap border, suitable for beds of rhododendrons and hardy azaleas.

ONE DOZEN IN A CRATE.

FOLDING WIRE BORDER.

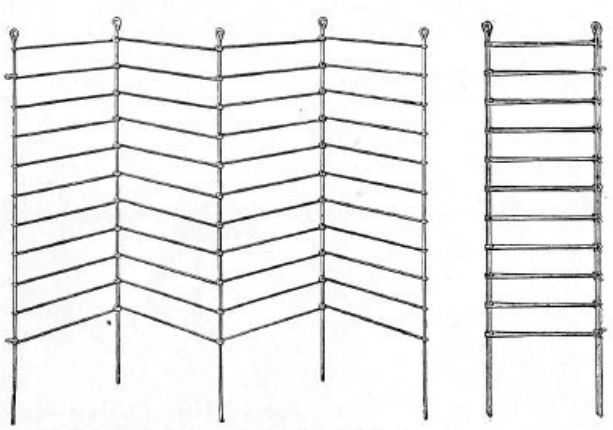
Galvanized, with Hooks.

No. 2A—Height 18 in., length 5 ft., uprights ¼ in. steel rods 10 in. apart, horizontals No. 8 steel wire, 3 in. apart, folds to 10 in. wide, 1½ in. thick, w't per doz. 50 lbs..... per dozen $10.00

Ornamental as a border for garden walks and useful to keep children and dogs from running across flower beds. Supplied in 5 ft. sections so that any multiple of 5 ft. can be procured. Equipped with hooks, so that two or more sections may be fastened together. Will form any geometrical figure.

ONE DOZEN IN A CRATE.

FOLDING WIRE TRELLIS.



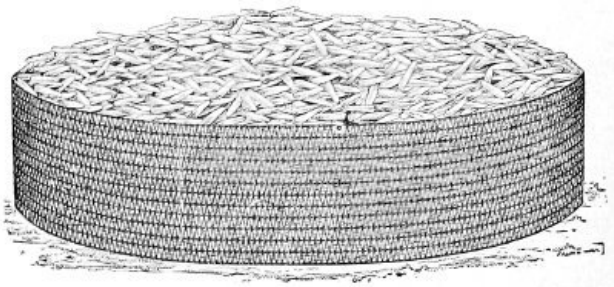
Galvanized, with Hooks.

No. 1A—Height 4½ ft., length 5 ft., uprights ¼ in. steel rods 15 in. apart, horizontals No. 8 steel wire, 4 in. apart, folds to 15 in. wide, 1⅛ in. thick, w't per doz. 120 lbs. ..... per dozen $20.00

For all climbing plants, particularly sweet peas and nasturtiums. Each trellis equipped with hooks so that two or more sections may be fastened together, or that one section may be fastened around a tree. Wires so large that the vine swaying in the wind, is not cut off, as is often the case when poultry-netting is used.

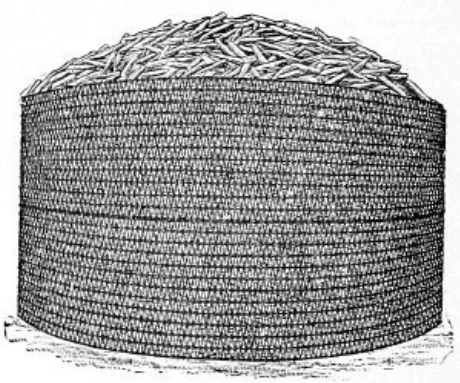
HALF DOZEN IN A CRATE.

STEEL CORN CRIBS.



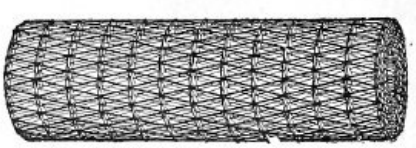
No. 50—2 in. mesh, galvanized steel wire, one section, height 50 in., diameter 15½ ft., capacity 400 bu. in ear, w't about 77 lbs. .each $9.00

By using two cribs one above the other a capacity of 800 bu. can be secured.



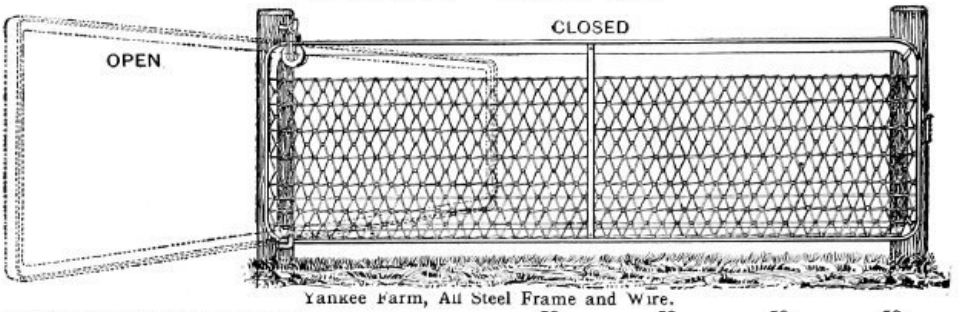
No. 75—2 in. mesh, galvanized steel wire, two sections, height 100 in., diameter of crib 11⅔ ft., capacity 400 bu. in ear, w't about 117 lbs. .....each $13.40

These cribs are durable, thoroughly ventilated, vermin and fireproof, stronger and cheaper than wood. They are inexpensive, easy to build or move and can be used as a chicken or yard fence.



No. 50 is put up in one piece or section in a roll as shown above. No. 75 is put up in two pieces or sections of equal length, but packed together in a single roll.

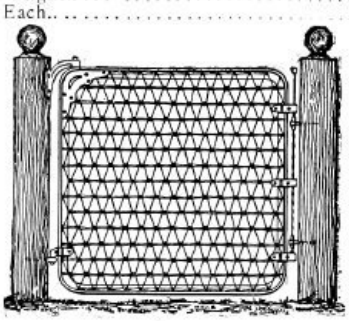
FENCE GATES.*



Yankee Farm, All Steel Frame and Wire.

Height	50	58	50	58	50	58 in.
Opening	12	12	14	14	16	16 ft.
Weight	110	118	122	127	132	140 lbs.
Each	$7.95	8.25	8.45	8.65	8.90	9.25

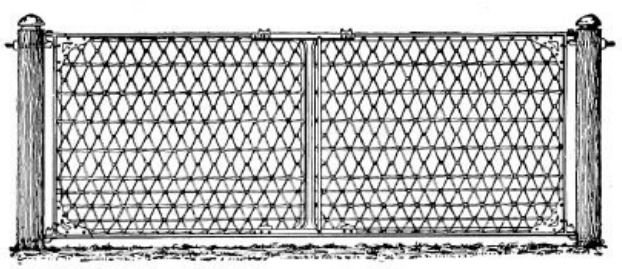
Can be furnished with square mesh if desired.



Walk, All Steel Frame and Wire.

Height	34	42	50	58	34	42	50	58	34	42	50	58 in.
Width	36	36	36	36	48	48	48	48	60	60	60	60 in.
Weight	18	20	22	24	21	23	25	27	47	50	54	60 lbs.
Each	$2.55	2.65	2.75	2.90	2.85	3.00	3.10	3.25	4.60	4.80	5.05	5.35

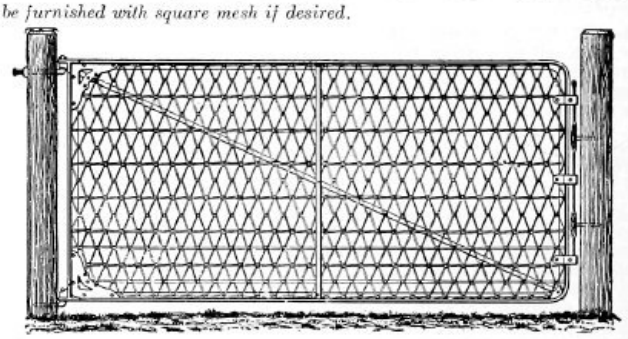
Can be furnished with square mesh if desired.



Double Drive, All Steel Frame and Wire.

Height	34	42	50	58	34	42	50	58 in.
Width	10	10	10	10	12	12	12	12 ft
Weight	94	100	109	120	108	114	124	131 lbs.
Each	$8.50	9.00	9.55	10.20	9.10	9.55	10.10	10.65

Can be furnished with square mesh if desired.



Single Drive, All Steel Frame and Wire.

Height	34	42	50	58	34	42 in.
Width	10	10	10	10	12	12 ft.
Weight	79	85	91	97	92	96 lbs.
Each	$6.30	6.65	7.05	7.40	6.90	7.20
Height	50	58	34	42	50	58 in.
Width	12	12	14	14	14	14 ft.
Weight	102	108	98	106	115	122 lbs.
Each	$7.50	7.85	7.10	7.45	7.95	8.30

Can be furnished with square mesh if desired.

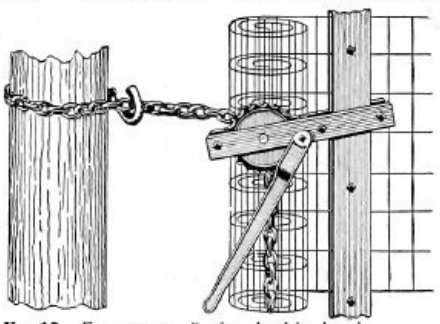
**FOR FACTORY SHIPMENT ONLY.*

WOVEN WIRE STRETCHERS.

No. 6—SMITH, malleable iron, double cog wheel with 36 in. special wrought steel short link chain, two extra quality eccentrics, steel wire tie chain, 6 in. crank, wood handle, w't per doz. 66 lbs. ..... per dozen $24.00

Especially adapted to stretching long runs of poultry netting, barb, telephone and plain wire and short runs of woven wire fencing. Very powerful and works with little friction. One turn of the crank takes up one inch of the chain. Provided with an eccentric to take up slack when necessary.

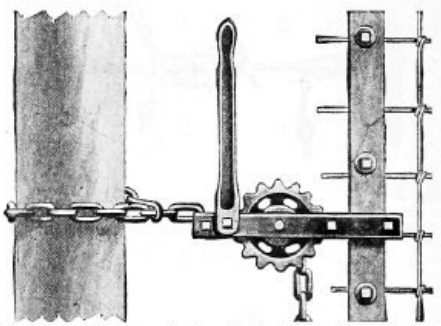
ONE DOZEN IN A BUNDLE.



No. 12—FRANKLIN, 5 ft. double hardwood clamps, with 6 bolts, $\frac{3}{8}\times 2$ in. wrought steel bolted frame, two cast iron cog wheels, 18 in. heavy malleable iron handle, 8 ft. $\frac{5}{16}$ in. wrought steel cable chain with wrought hook, w't per doz. 480 lbs. ..... per dozen $90.00

This stretcher is designed for the heaviest work. It is provided with strong wood clamps that can be bolted to a fence of any height. The chain is long enough to take up six feet of slack at one time. Pulls direct from the center, the two wheels preventing side draft. All parts are made for service.

ONE DOZEN IN A BUNDLE.



No. 07—GIANT, chain fastening, with lever, length 20 in., complete with two 5 ft. maple clamps and all bolts and washers necessary, w't per doz. 624 lbs. ..... per dozen $66.00

Especially adapted for woven fences and is equally useful for smooth or barbed wire. Is self locking, but having no dogs or ratchets. This feature is of great value, furnishing a perfect lock and not depending on friction. It is entirely constructed of malleable iron and steel.

ONE IN A CASE.

WIRE STRETCHERS AND FENCE RATCHETS.

WIRE STRETCHERS.

No. 1—"O. S." ELWOOD'S, flat steel bar double acting, chain fastening, length 30 in., w't per doz. 60 lbs., per dozen..... $10.50

TWO AND THREE DOZEN IN A CASE.

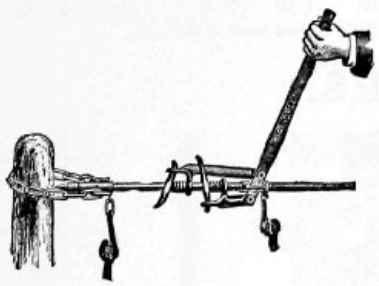
Eccentrics, complete for No. 1 Elwood's, per dozen..... $2.00

No. 2—"N. S." ELWOOD'S, flat steel bar, with self supporting device, extra strong eccentric, chain fastening, length 30 in., w't per doz. 54 lbs., per dozen..... $10.00

TWO AND THREE DOZEN IN A CASE.

Eccentrics, complete for No. 2 Elwood's, per dozen..... $2.00

The "N. S." Elwood's wire stretcher is self-supporting and will stand out from the post in a horizontal position ready for use. It can be placed on the post so that it is always in line with the wire to be stretched. With this self-supporting device one man can handle the stretcher and wire at the same time, while it requires two men to do the same work with stretchers that are not self-supporting. Also please notice that the ¼-in. round rod in the old stretcher has been done away with and a simple slide is substituted which allows the wire to be stretched 3 ft. nearer the post. The wire grips are very strong and durable. The notches on the bar are cut on both edges at the same time, all being exactly alike and in proper position.



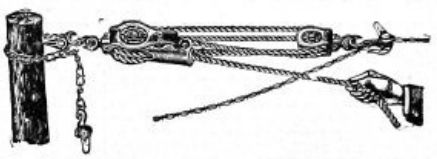
No. 3—STAR, lever, round steel bar, double acting, chain fastening, w't per doz. 54 lbs.....per dozen $13.00

ONE DOZEN IN A BUNDLE.

No. 5—LITTLE GIANT, chain fastening, ⅜ in. jute rope, length 3 ft., w't per dozen 48 lbs.....per dozen $10.00

ONE DOZEN IN A BUNDLE.

WIRE STRETCHERS.



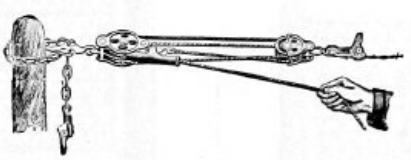
No. 24—STAR STEEL TACKLE BLOCK, steel frame, aluminum painted, malleable iron wheel castings, with swiveling hook, positive rope grip, self-supporting at post, eccentric on rear block is constructed with a hook so that stretcher can be used for hoist purposes, locks and unlocks equally well in any position, furnished with 16 ft. of ⅜ in. rope strung through pulleys ready for use, w't per doz. 48 lbs.....per dozen $14.50

Each block has a removable ⅜ in. steel pin, held with cotter so that a sheave can be replaced when necessary. The side plates have flanged edges so as not to cut rope.

It is locked or unlocked by simply moving the hand to the right or left.

It is a complete hoist of 1,000 lbs. capacity with which one man can raise 500 lbs.

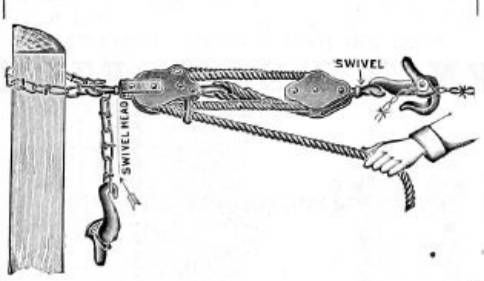
ONE DOZEN IN A BUNDLE.



No. 4—STAR TACKLE BLOCK, malleable iron, chain fastening, four 1⅞ in. pulleys with swivel in each block, japanned. ⅜ in. sisal rope, w't per doz. 54 lbs.....per dozen. $18.00

This is practically the same as No. 24, but is malleable iron instead of steel.

ONE DOZEN IN A BUNDLE.



No. 10—OHIO STEEL TACKLE block, painted red, chain fastening, w't per doz. 54 lbs.....per dozen $14.50

The bearings are large, compact and substantial, and equal to any demand made by the stretcher.

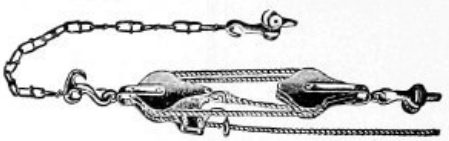
Exceptionally strong and full length chain. Reeved with best quality ⅝ inch rope.

Note carefully the locking device which is extremely simple, automatic, and direct acting. It locks in any position, and is absolutely positive.

The "swiveling" feature of the Stretcher is a decided improvement, enabling the operator to work in corners, etc., to better advantage. It also allows the stretcher to adjust itself to all conditions of the wire.

Can also be used as a Hoist without making any changes.

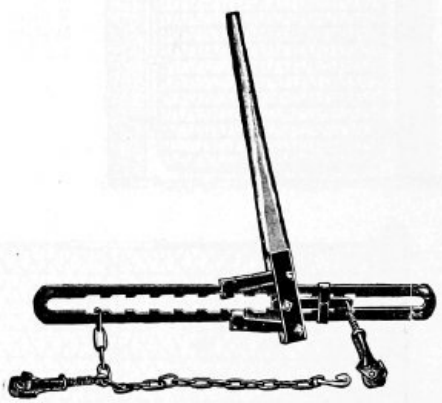
WIRE STRETCHERS.



No. 8—BENEDICT, best steel, light and strong, adjustable lock shoe for 3/16, ¼, 5/16, ⅜ or 7/16 in. rope, with perfect unyielding lock, roped ready for use, w't per doz. 60 lbs....per dozen $18.00

Built on the same principles of the highest priced tackle blocks, to stand hard and continued usage. Acknowledged by telephone and telegraph construction companies to be the very best wire stretchers manufactured.

ONE DOZEN IN A BUNDLE.



No. 14—RUGGLES' PERFECTION, fine planished steel, with straight grain hard maple handle 28 in. long, w't per doz. 120 lbs.....per dozen $60.00

Made for constant use and guaranteed to be satisfactory in every respect. Extra strong and practical and has greater leverage than any other stretcher.

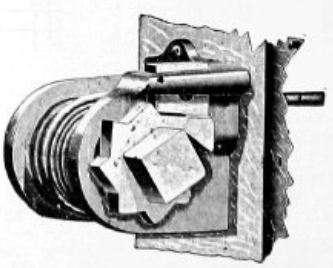
The clamps or grips are wrought steel, having a spring for holding wire. Can never slip, but can be instantly released.

A continuous stretcher, as slack wire can be taken up as often as desired.

It is useful for many purposes about a farm, such as: lifting a hay rack from a wagon, lifting a sick horse, etc.

ONE DOZEN IN A BUNDLE.

FENCE RATCHETS.



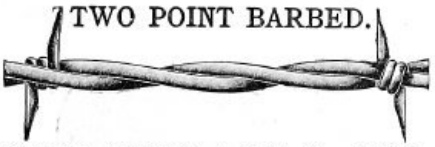
No. 10—EUREKA, cast iron, gravity locking.....per hundred $7.00

ONE HUNDRED IN A CASE. WEIGHT 100 LBS.

PER HUNDRED.

BARBED AND PLAIN WIRE.

TWO POINT BARBED.



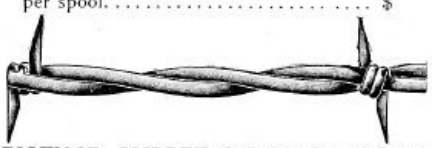
GLIDDEN PATTERN, 2 Point, Round Barbs, No. 12 Wire Strands.

Painted Cattle, barbs 5 in. apart, per 100 pounds..... $
Painted Hog, barbs 3 in. apart, per 100 pounds.....
Galvanized Cattle, barbs 5 in. apart, per 100 pounds.....
Galvanized Hog, barbs 3 in. apart, per 100 pounds.....

ON SPOOLS OF ABOUT 100 POUNDS.

GLIDDEN PATTERN, 2 Point, Round Barbs, No. 14 Wire Strands.

Light Galvanized Hog, barbs about 3 in. apart, put up on spools of 80 rods, per spool..... $



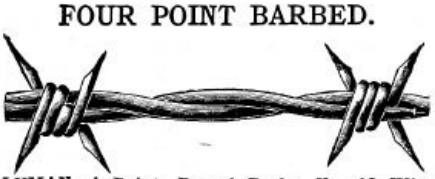
ELLWOOD GLIDDEN, 2 Point, Round Barbs, No. 12½ Wire Strands.

Painted Cattle, barbs 5 in. apart★, per 100 pounds..... $
Painted Hog, barbs 3 in. apart★, per 100 pounds.....
Galvanized Cattle, barbs 5 in. apart, per 100 pounds.....
Galvanized Hog, barbs 3 in. apart, per 100 pounds.....

★*For mill shipment only.*

ON SPOOLS OF ABOUT 100 POUNDS.

FOUR POINT BARBED.



LYMAN, 4 Point, Round Barbs, No. 12 Wire Strands.

Painted Cattle, barbs 6 in. apart★, per 100 pounds..... $
Painted Hog, barbs 4 in. apart★, per 100 pounds.....
Galvanized Cattle, barbs 6 in. apart, per 100 pounds.....
Galvanized Hog, barbs 4 in. apart, per 100 pounds.....

★*For mill shipment only.*

ON SPOOLS OF ABOUT 100 POUNDS.

TWO POINT BARBED.

BAKER, 2 Point, Flat Barbs, No. 12½ Wire Strands.

Painted Cattle, barbs 5 in. apart★, per 100 pounds..... $
Painted Hog, barbs 3 in. apart★, per 100 pounds.....
Galvanized Cattle, barbs 5 in. apart★, per 100 pounds.....
Galvanized Hog, barbs 3 in. apart★, per 100 pounds.....

★*For mill shipment only.*

ON SPOOLS OF ABOUT 100 POUNDS.

ELLWOOD JUNIOR, 2 Point, Half Round Barbs, No. 12½ Wire Strands.

Painted Cattle, barbs 5 in. apart★, per 100 pounds..... $
Painted Hog, barbs 3 in. apart★, per 100 pounds.....
Galvanized Cattle, barbs 5 in. apart★, per 100 pounds.....
Galvanized Hog, barbs 3 in. apart★, per 100 pounds.....

★*For mill shipment only.*

ON SPOOLS OF ABOUT 100 POUNDS.

CABLE FENCE.

Twisted, Not Barbed.

Painted, 2 strand ..... per 100 pounds $
Galvanized, 2 strand..... " "

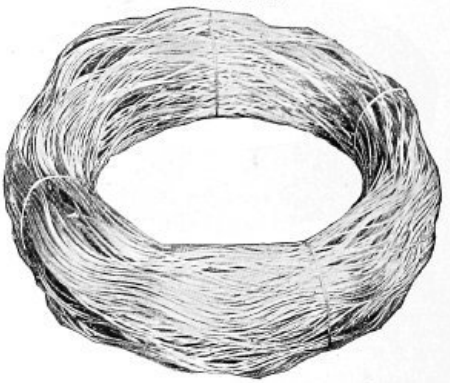
ON SPOOLS OF ABOUT 100 POUNDS.

TABLE OF APPROXIMATE WEIGHTS OF BARBED WIRE.

	FEET PER POUND.		POUNDS PER MILE.	
Nos.....12	12½	12	12½
Two point cattle...16	17½	320	300
Two point hog.....15	17	345	310
Four point cattle...13¾		380	
Four point hog.....12½		425	

The above weights are only approximate, as it is not practical to draw wire to even gauge, nor do the manufacturers guarantee this.

GALVANIZED SPRING STEEL FENCE.



Nos.....	★9	★10	★11	★12
Per pound.....	$0.10	.10	.11	.11½

★*For mill shipment only.*

ABOUT 100 POUNDS IN A COIL.

ANNEALED PLAIN FENCE.

Nos.....	8	9	10	11	12
Per pound...	$0.10	.10	.11	.11½	.11½
Nos.....	12½	13	14	15	16
Per pound...	$0.11½	.12½	.12½	.14	.14

100 POUNDS IN A COIL.

GALVANIZED PLAIN FENCE.

Nos.....	6	8	9	10	11	12
Per pound	$0.10	.10	.10	.11	.11	.11½
Nos.....		12½	13	14	15	16
Per pound		$0.11½	.12½	.12½	.14	.14

ABOUT 100 POUNDS IN A COIL.

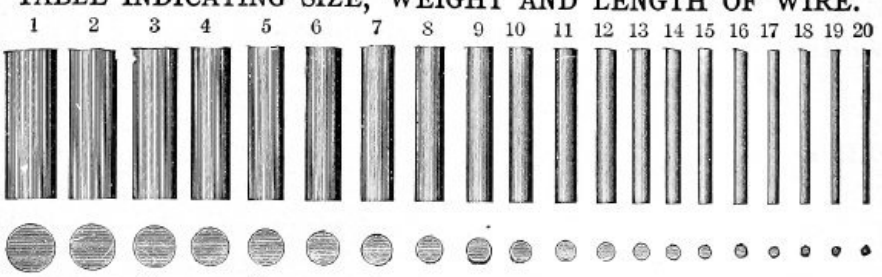
FENCE STAPLES.

1½ Inch.	PER POUND.	PER KEG.
No. 9—Bright, 1, 1⅛, 1¼, 1½, 1¾ and 2 in.....	$0.05	$4.25
No. 9—Galvanized, 1, 1⅛, 1¼, 1½, 1¾ and 2 in.....	.06	5.00

100 POUNDS IN A KEG.

Inches	1	1⅛	1¼	1½	1¾	2
No. of staples to pound.....	108	96	87	72	65	58

TABLE INDICATING SIZE, WEIGHT AND LENGTH OF WIRE.

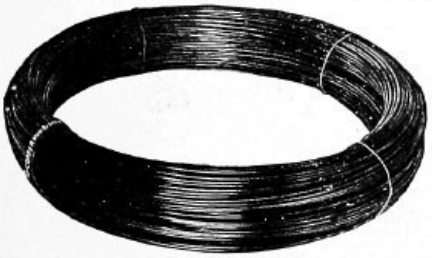


Gauge Nos..	1	2	3	4	5	6	7	8	9	10
Diameter.....	.283	.263	.244	.225	.207	.192	.177	.162	.148	.135 in.
Feet in 100 lbs.....	471	545	634	747	981	1028	1245	1437	1724	2070
Weight of 100 ft.....	21.23	18.34	15.78	13.39	11.35	9.73	8.03	6.96	5.08	4.83 lbs.
Weight of 1 mile.....	1121	968	833	707	599	514	439	367	306	255 lbs.

Gauge Nos..	11	12	13	14	15	16	17	18	19	20
Diameter..	.120	.105	.092	.080	.072	.063	.054	.047	.041	.035 in.
Feet in 100 lbs..	2018	3425	4404	5917	7299	9524	12082	17242	22222	31450
Weight of 100 ft..	3.82	2.92	2.24	1.69	1.37	1.05	.77	.58	.45	.32 lbs.
Weight of 1 mile..	202	154	118	89	72	55	41	31	24	17 lbs.

WIRE IN COILS, STONES AND SPOOLS.

TELEPHONE AND TELEGRAPH.



Double Galvanized.

Nos	6	8	9	10
W't per mile	590	390	314	258 lbs.
"Steel," per 100 pounds $				
"B. B." " "				
"E.B.B." " "				

Nos	11	12	14
W't per mile	206	170	99 lbs.
"Steel," per 100 pounds $			
"B. B." " "			
"E.B.B." " "			

"Steel" (or homogeneous metal) is more expressly designed for short-line telephone service, where a measure of conductivity can be exchanged for tensile strength in a light wire. Weight per mile ohm, 6,000 to 7,000 pounds.

"B. B." (Best Best) wire is less uniform and tough. It stands a good mechanical test. Weight per mile ohm, 5,500 to 5,800 pounds. It is largely used by some telegraph companies and in railway telegraph service.

"E. B. B." (Extra Best Best) wire is made by improved continuous process from the very best iron. It stands highest of any telegraph wire in conductivity, with a weight per mile ohm of from 4,600 to 5,100 pounds. Very uniform in quality, pure, tough and pliable.

NO. 6, ONE-THIRD MILE; BALANCE ONE HALF MILE IN A COIL. WE CANNOT SUPPLY SMALLER QUANTITIES.

BRIGHT MARKET.

Nos	3	4	5	6	7	8
Per pound	$0.10	.10	.10	.10	.10	.10

Nos	9	10	11	12	13	14
Per pound	$0.10	.11	.11	.11½	.12½	.12½

Nos	15	16	17	18
Per pound	$0.14	.14	.15	.16

SIXTY-THREE POUNDS IN A COIL.

COPPERED MARKET.

Nos	5	6	7	8	9
Per pound	$0.10	.10	.10	.10	.10

Nos	10	11	12	13	14
Per pound	$0.11	.11	.11½	.12½	.12½

Nos	15	16	17	18
Per pound	$0.14	.14	.15	.16

SIXTY-THREE POUNDS IN A COIL.

TINNED MARKET.

Nos	10	11	12	14	16
Per pound	$0.16	.16	.17	.17	.17

SIXTY-THREE POUNDS IN A COIL.

BRASS SPRING.

Nos	6	7	8	9	10
Per pound	$0.40	.41	.41	.41	.42

Nos	11	12	13	14	15
Per pound	$0.42	.42	.43	.43	.43

Nos	16	18	20
Per pound	$0.44	.45	.47

ABOUT 30 LBS. IN A COIL.

SOFT COPPER.

Nos	10	11	12	13
Per pound	$0.42	.42	.42	.43

Nos	14	16	18	20
Per pound	$0.43	.44	.45	.47

ABOUT 30 LBS. IN A COIL.

ANNEALED STOVE PIPE.

In 50 Foot Coils.

No. 19—Plain, w't per doz. coils 2¾ lbs., per dozen $0.75

ONE DOZEN COILS IN A BOX; FIFTY BOXES IN A CASE.

In Stones.

Nos	16	17	18	19	20	22
Per pound	$0.14	.15	.16	.19	.20	.22

TWELVE POUNDS OR ONE STONE IN A BUNDLE.

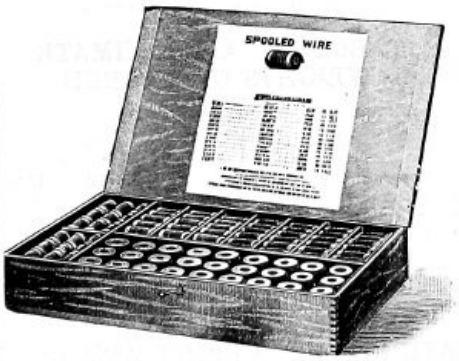
TINNED BROOM.

In Stones.

Nos	20	21	22
Per pound	$0.19	.20	.20

TWELVE POUNDS OR ONE STONE IN A BUNDLE.

RETAIL DEALERS' ASSORTED BOXES.



No. 100 Assortment, consisting 147 spools of wire as described below, put up in a dovetailed, varnished hardwood box with hinged cover.....per assortment $6.00

15 spools ¼ lb. black annealed wire assorted 18, 20, 22, 24 and 26 gauge.

48 spools 1½ oz., black annealed wire assorted 28, 30, 32 and 34 gauge.

12 spools ¼ lb. tinned annealed wire assorted 18, 20, 22 and 24 gauge.

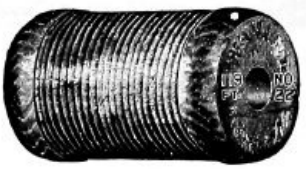
36 spools, 1½ oz., tinned annealed wire assorted 28, 30 and 32 gauge.

18 spools 1 oz., soft copper wire assorted 20, 22 and 24 gauge.

18 spools 1 oz., soft brass wire assorted 20, 22 and 24 gauge.

This assortment comprises almost every size likely to be called for. It has been put up especially to meet the demands of the retail hardware trade and it covers all of the salable sizes, without any dead stock. It will readily bring over $10.00 at retail and represents a large profit to the retailer.

ANNEALED STEEL.



¼ lb. Spools.

Nos	18	19	20
Per dozen	$0.96	1.02	1.02

ONE DOZEN SPOOLS IN A BOX.

ANNEALED BLACK HAIR.

1 oz. Spools.

Nos	30	32	36
Per dozen	$0.31	.33	.44

ONE DOZEN SPOOLS IN A BOX.

TINNED HAIR.

1 oz. Spools.

Nos	30	32	36
Per dozen	$0.38	.40	.50

ONE DOZEN SPOOLS IN A BOX.

SOFT COPPER.

1 lb. Spools.

Nos	18	20	22	24
Per dozen	$7.50	7.50	8.20	8.60

Nos	26	28
Per dozen	$9.20	11.48

ONE DOZEN SPOOLS IN A BOX.

¼ lb. Spools.

Nos	18	20	22	24	26
Per dozen	$2.20	2.20	2.40	2.60	2.70

1 oz. Spools.

Nos	18	20	22	24
Per dozen	$1.00	1.00	1.00	1.00

Nos	26	28	30
Per dozen	$1.00	1.00	1.00

ONE DOZEN SPOOLS IN A BOX.

SOFT BRASS

1 lb. Spools.

Nos	18	19	20	22	24
Per dozen	$7.50	7.50	7.50	8.20	8.60

ONE DOZEN SPOOLS IN A BOX.

BRASS SPRING.

1 lb. Spools.

Nos	18	20	22	24
Per dozen	$7.50	7.50	8.20	8.60

Nos	26	28
Per dozen	$9.20	11.48

¼ lb. Spools.

Nos	18	20	22	24	26
Per dozen	$2.20	2.20	2.40	2.60	2.70

ONE DOZEN SPOOLS IN A BOX.

BALE TIES.

Single Loop.

Patent Hook.

Cross Head.

Double End Adjustable.

Price List Adopted Jan. 1907.

No. 16 Wire.★			No. 15 Wire.★			No. 14 Wire.★			No. 13 Wire.★			No. 12 Wire.★		
LENGTH IN FEET.	W'T PER BUNDLE, POUNDS.	PER BUNDLE 250 TIES.	LENGTH IN FEET.	W'T PER BUNDLE POUNDS.	PER BUNDLE 250 TIES.	LENGTH IN FEET.	W'T PER BUNDLE, POUNDS.	PER BUNDLE 250 TIES.	LENGTH IN FEET.	W'T PER BUNDLE POUNDS.	PER BUNDLE 250 TIES.	LENGTH IN FEET.	W'T PER BUNDLE, POUNDS.	PER BUNDLE 250 TIES.
5½	15	$2.82	5½	20	$3.44	5½	25	$3.94	5½	33	$4.82	5½	44	$ 5.92
5¾	16	2.91	5¾	21	3.56	5¾	26	4.10	5¾	34	5.00	5¾	46	6.16
6	17	3.01	6	22	3.69	6	27	4.23	6	36	5.18	6	48	6.38
6¼	17	3.10	6¼	23	3.82	6¼	28	4.38	6¼	37	5.36	6¼	49	6.61
6½	18	3.21	6½	24	3.93	6½	29	4.53	6½	39	5.54	6½	51	6.83
6¾	18	3.30	6¾	25	4.06	6¾	30	4.67	6¾	40	5.72	6¾	53	7.06
7	19	3.41	7	25	4.19	7	31	4.82	7	41	5.90	7	55	7.29
7¼	20	3.50	7¼	26	4.31	7¼	32	4.97	7¼	43	6.09	7¼	57	7.51
7½	20	3.60	7½	27	4.44	7½	33	5.10	7½	44	6.27	7½	59	7.74
7¾	21	3.71	7¾	28	4.56	7¾	35	5.26	7¾	46	6.45	7¾	61	7.97
8	22	3.81	8	29	4.68	8	36	5.40	8	47	6.63	8	62	8.20
8¼	22	3.92	8¼	30	4.81	8¼	37	5.54	8¼	48	6.81	8¼	64	8.42
8½	23	4.01	8½	31	4.92	8½	38	5.69	8½	50	6.99	8½	66	8.65
8¾	24	4.11	8¾	31	5.05	8¾	39	5.84	8¾	51	7.17	8¾	68	8.87
9	24	4.20	9	32	5.18	9	40	5.97	9	53	7.35	9	70	9.10
9¼	25	4.31	9¼	33	5.29	9¼	41	6.13	9¼	54	7.54	9¼	72	9.33
9½	26	4.40	9½	34	5.42	9½	42	6.28	9½	55	7.72	9½	74	9.56
9¾	26	4.50	9¾	35	5.55	9¾	43	6.41	9¾	57	7.90	9¾	76	9.79
10	27	4.59	10	36	5.67	10	44	6.56	10	58	8.08	10	77	10.01
10¼	28	4.69	10¼	37	5.79	10¼	45	6.71	10¼	60	8.26	10¼	79	10.24
10½	28	4.78	10½	38	5.92	10½	46	6.85	10½	61	8.42	10½	81	10.46
10¾	29	4.90	10¾	38	6.03	10¾	47	7.00	10¾	62	8.60	10¾	83	10.69
11	30	4.98	11	39	6.17	11	48	7.15	11	64	8.79	11	85	10.92
11¼	30	5.09	11¼	40	6.28	11¼	49	7.28	11¼	65	8.97	11¼	87	11.15
11½	31	5.18	11½	41	6.41	11½	51	7.43	11½	67	9.15	11½	89	11.38
11¾	32	5.28	11¾	42	6.54	11¾	52	7.58	11¾	68	9.33	11¾	90	11.60
12	32	5.38	12	43	6.65	12	53	7.72	12	69	9.51	12	92	11.83

★*FOR MILL SHIPMENT, F. O. B. WAUKEGAN, ILL.*

SINGLE LOOP BALE TIES, STOCK SIZES, F. O. B. CHICAGO.

No. 15 Wire, Size	8½	**9 ft.**
W't per bundle	31	32 lbs.
Per bundle, 250 ties	$4.92	5.18
No. 14 Wire, Size	8½	**9 ft.**
W't per bundle	38	40 lbs.
Per bundle, 250 ties	$5.69	5.97

We give above the average weight of single loop bale ties as furnished by the factory. These weights are not guaranteed, as it is impossible to draw wire so close to gauge that every bundle will weigh exactly alike.

Cross head bale ties are heavier than single loop, varying from 2½ to 5 pounds more than the weight given above, according to length and gauge.

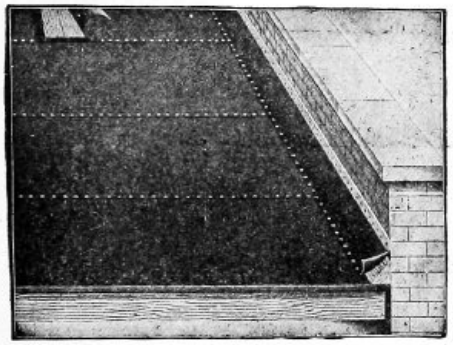
Bale ties of every kind of fastening are sold from the same list. Single loop bale ties are sold at a greater discount than other patterns.

To ascertain the length of tie required, add 3 in. to the measure around the bale when under pressure.

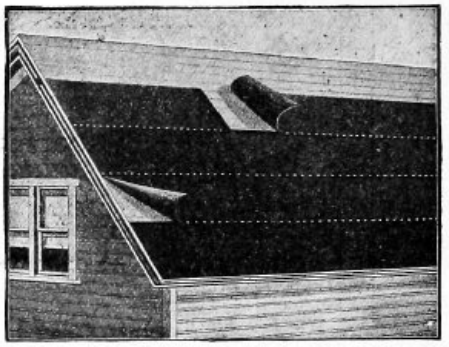
Cost of bale ties is from 40 to 50 cents per ton of hay. For 17×22 perpetual presses, use ties 8, 8½ or 9 feet long; No. 14 wire for heavy work. No. 15 for light work. For 14×18 perpetual presses, use ties 8, 8¼ or 8½ feet long; No. 14 wire for extra or extremely heavy work, and No. 15 for heavy or medium work, and No. 16 for light work. For 12×15 perpetual presses, use ties 7½, 7¾ or 8 feet long; No. 15 wire for heavy work, and No. 16 for medium or light work. For upright hand presses, use No. 14 and No. 15 wire. For upright light horse presses, use No. 14 wire. For upright heavy portable or light stationary horse presses, use No. 13 wire. For upright heavy stationary and beater presses, use No. 12, No. 11 and No. 10 wire, according to the size of bale and number of ties used. It has been repeatedly proved that the use of these ties is more economical to the pressman than the use of wire from the coil. Only the best material is used in their manufacture, and all ties are carefully tested before leaving the factory, thus securing reliability and uniformity.

PREPARED ROOFING.

REV-O-NOC



Applied to Flat Roof.



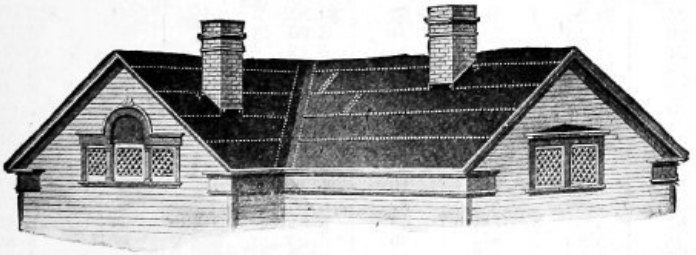
Applied to Gabled Roof.

The Rev-o-noc Rubber Roofing is suitable for all kinds of roofs under any conditions and in any climate. It is impervious to water and is pliable and elastic. It has as a base the best wool fiber felt thoroughly saturated and coated on both sides with a composition of the highest grade materials selected for preservative and weather resisting qualities. It is odorless and will not taint the rain water where used for domestic purposes. Contains no volatile oils or tar to melt in the heat and crack in the cold. Each roll contains one square complete with nails and cement, with directions for applying.

No. 11—1 ply, w't per roll about 35 lbs., - - - - - - - - - - - - - - - per square $2.25
No. 12—2 ply, w't per roll about 45 lbs., - - - - - - - - - - - - - - - " 3.25
No. 13—3 ply, w't per roll about 55 lbs., - - - - - - - - - - - - - - - " 4.00

One roll, which contains 108 sq. ft., will cover 100 sq. ft. of roof.

CRUSO.



Two-ply consists of two sheets (aa) of the best quality of tarred felt, with a layer of waterproof composition (b).

Three-ply consists of three sheets (aaa) of the best quality of tarred felt, with two layers of waterproof composition (bb).

Cruso Roofing consists of two or three sheets of thoroughly saturated all wool felt, interlaid with an insoluble waterproof pitch, this composition being forced between heavy, hot rollers, making a solid, flexible sheet. It is put up in measured rolls containing 108 square feet, or enough to lay one square and allow for the necessary two-inch lap. The Cruso Roofing will stand any climate, is wind and water proof, and on account of its composition is practically fireproof. It will not rust or corrode, and is impervious to steam, acids, vapor and gas.

No. 22—Two-ply felt, w't per square about 45 lbs., per square $1.60
No. 23—Three-ply felt, w't per square about 70 lbs., " 2.10

ABOVE PRICES ARE FOR FELT ONLY.

It requires 1½ lbs. tin caps and 1 lb. roofing nails per square. We recommend the use of 2 gal. coating per square. The better the roof is coated the longer it will last.

CRUSO ROOF COATING.

5 gal. packages, - - per gal. $0.60
10 gal. packages, - - " .40
Half barrels (20 to 30 gals.), " .30
Barrels (40 to 50 gals.), " .25

W'T ABOUT 12 LBS. PER GALLON.

This coating is ready for immediate use, and is particularly desirable for all paper, felt and composition roofings. It protects new roofs and prolongs the life of old roofs.

AMATITE.

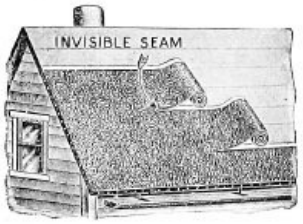
Enlarged Sectional Diagram.

Consists of two sheets of wool felt evenly saturated with pure refined tar and bonded together with a layer of coal tar pitch. It is mineral surfaced when manufactured and requires no coating when laid; simply cement between laps, nail and your roof is finished. Amatite roofing is put up in measured rolls containing 110 square feet, or enough to lay 100 square feet and allow for three-inch lap. Directions for laying, which are very simple, will be found inside each roll.

No. 41—Amatite roofing, including large head nails and cement for laps, complete weight per square about 100 lbs., per square, - - - - $3.25

ROOFING, ASBESTOS, WRAPPING PAPER, ETC.

ASPHALT ROOFING.

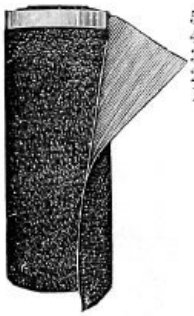


As Applied to Frame House.

3—Screened gravel.
2—Trinidad asphalt.
1—Felt.

"Tiger Brand," in rolls 32 in. wide, by 40 ft. long, containing 100 sq. ft., w't per roll 80 lbs ..... per roll $4.50

The three layers, felt, asphalt and screened gravel, make as good an inexpensive roofing as it is possible to produce. Contains no tar, always tough, flexible and durable. Suitable for either flat or steep roofs. Never rusts or decays and needs no paint or coating. Easily laid by any one. Shipped in rolls complete with trimmings as follows: ½ gal. liquid asphalt, extra large head nails, packed in core of roll.



5—Screened Gravel.
4—Trinidad Asphalt.
3—Burlap.
2—Trinidad Asphalt.
1—15 lb. Asphalt Felt.

"Ready Rock," in rolls 32 in. wide by 40 ft. long containing 100 sq. ft., w't per roll 150 lbs★..... per roll $5.00

The five layers of felt, asphalt, burlap, asphalt and gravel constitute a combination of strength, durability and absolute security against leakage. Does not contract and expand with varying temperatures, or dry out and crack. No coal tar used in construction, and does not run or evaporate. Will not make the water taste. Seams are invisible and waterproof. The gravel is screened very fine and pressed into the asphalt by rollers. Will not become detached by the wind and weather.

It is easily and quickly laid, and requires no expert knowledge. Two inch space is prepared for the lap (making the net width 30 in.). Half gallon of asphalt and ¾ pound of nails are included with each roll of roofing. A knife and brush (for applying the cement) are furnished free of charge with each shipment.

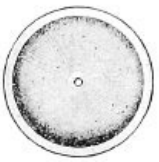
SHEATHING PAPER.

Tarred, 32 in. wide, (16 lbs. per 100 sq. ft.), per 100 pounds..... $2.00
ABOUT 450 SQUARE FEET IN A ROLL.
Fibretto Sheathing, 32 in. wide, 400 sq. ft. in a roll, w't 19 lbs.....per roll $1.25
Diamond "A," red rosin sized sheathing, 36 in. wide, in rolls of 500 sq. ft. w't 30 lbs.....per roll 1.25
Leader, red rosin sized sheathing, 36 in. wide, in rolls of 500 sq. ft. 20 lbs., per roll..... 1.00

ROOFING FELT.

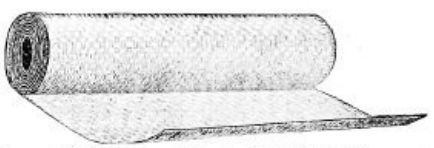
Tarred, 32 in. wide (16 lbs. per 100 sq. ft.) per 100 pounds..... $3.00
ABOUT 325 SQUARE FEET IN A ROLL.

ROOFING DISCS.



Tin, diameter $1\frac{5}{16}$ in.....per pound $0.12

CEDAR CARPET LINING.



Corrugated, 36 in. wide, yard marked, 50 yds. in a roll, w't per roll about 32 lbs.. per roll..... $1.30

ASBESTOS MILL BOARD.

1-32 in., 40×40 in. sheets.....per pound			$0.07
1-16 in., 40×40 in. sheets.....	"		.07
3-32 in., 40×40 in. sheets.....	"		.08
1-8 in., 40×40 in. sheets.....	"		.08
3-16 in., 40×40 in. sheets.....	"		.08
1-4 in., 40×40 in. sheets.....	"		.08

In sheets less than 100 lbs., add 25c for crating.
400 POUNDS IN A CASE.

ASBESTOS PAPER.

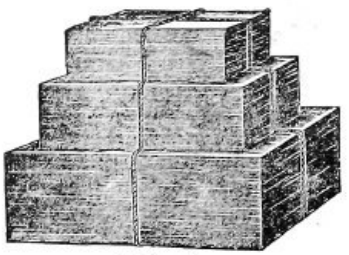
36 in., rolls, 10, 14 or 16 lbs. per 100 sq. ft.....per pound $0.07
ABOUT 100 POUNDS IN A ROLL.

ASBESTOS WICK.

Wick, ¼, ½ or 1 lb. balls.....per pound $0.50

★ *FOR SHIPMENT FROM FACTORY ONLY.*

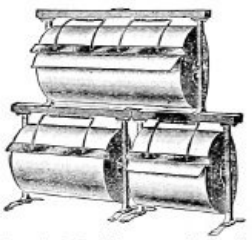
WRAPPING PAPER.



In Bundles.
Rag, 16×22, 18×26, 22×32, 26×36 in., per pound..... $0.04

In Rolls.
No. 200—Drab fibre express, heavy, 12, 15, 18, 20, 24 and 30 in....per pound $0.08
No. 35—Blue fibre express, light, 12, 15, 18, 20, 24 in.....per pound .10
No. 40—Pink fibre express, light, 12, 15, 18, 20, 24 in.....per pound .10
No. 45—Ox Blood, light, 12, 15, 18, 20, 24 in.....per pound .12

ROLL PAPER CUTTERS.



Chicago, Can be Used Separately or Combined.

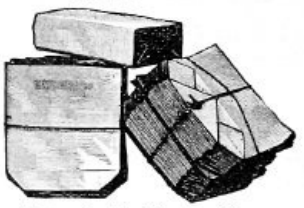
No. 1—Inches	**12**	**15**	**18**
Weight	5	7	8 lbs.
Each	$2.50	2.50	2.50
No. 1—Inches	**20**	**24**	**30**
Weight	8½	9	12 lbs.
Each	$2.50	2.50	2.50

SHOT BAGS.

Nos	**30**	**40**	**50**
Size	6×2½	6¾×3	8¼×3½ in
Capacity	1	2	3 lbs.
W't per 1,000	7	8	11 lbs.
Per 1,000	$2.25	2.50	3.00

ONE HUNDRED IN A BUNDLE.

NAIL BAGS.



Extra Quality Express Paper.

Nos	**3**	**5**	**10**
Size	6½×7½	7½×7½	9½×9 in
Capacity	4	5½	10 lbs.
W't per 1,000	19	22	40 lbs.
Per 1,000	$3.00	3.50	5.00
Nos	**16**	**20**	**25**
Size	11½×9½	11½×10½	11½×13 in.
Capacity	16	19	25 lbs.
W't per 1,000	60	70	78 lbs.
Per 1,000	$6.50	7.50	9.00

The capacity given is obtained by filling with 10d wire nails, allowing ample flap to close the top.
ONE HUNDRED IN A BUNDLE.

TACKLE AND SNATCH BLOCKS.

WOOD TACKLE BLOCKS.

Single.
Furnished with Becket.

SINGLE, Iron Bushed, Iron Strapped, Steel Pin.

Size	3	3½	4	5	in.
Sheave	1¾	2	2¼	3	in.
Mortise	2/16	2/16	11/16	7/8	in.
For rope	3/8	3/8	1/2	5/8	in.
Weight	3/4	3/4	1¼	2¼	lbs.
Iron Bushed, each	$0.70	.75	.85	.90	
Six Roller "			1.20	1.25	

Size	6	7	8	in.
Sheave	3½	4¼	4¾	in.
Mortise	1	1⅛	1¼	in.
For rope	¾	⅞	1	in.
Weight	4	6	8	lbs.
Iron Bushed, each	$1.10	1.30	1.68	
Six Roller "	1.50	1.70	2.25	

Size	9	10	12	in.
Sheave	5½	6¼	8	in.
Mortise	1¼	1⅜	1½	in.
For rope	1	1⅛	1¼	in.
Weight	10	14	23	lbs.
Iron Bushed, each	$1.85	2.75	4.45	
Six Roller "	2.50	3.50	5.30	

Double.
One-half Furnished with Becket.

DOUBLE, Iron Strapped, Steel Pin.

Size	3	3½	4	5	in.
Sheave	1¾	2	2¼	3	in.
Mortise	2/16	2/16	11/16	7/8	in.
For rope	3/8	3/8	1/2	5/8	in.
Weight	1¼	1¼	2	4	lbs.
Iron Bushed, each	$1.30	1.45	1.60	1.75	
Six Roller "			2.25	2.35	

Size	6	7	8	in.
Sheave	3½	4¼	4¾	in.
Mortise	1	1⅛	1¼	in.
For rope	¾	⅞	1	in.
Weight	6	10	13	lbs.
Iron Bushed, each	$2.00	2.40	2.85	
Six Roller "	2.85	3.35	4.15	

Size	9	10	12	in.
Sheave	5½	6¼	8	in.
Mortise	1¼	1⅜	1½	in.
For rope	1	1⅛	1¼	in.
Weight	16	22	37	lbs.
Iron Bushed, each	$3.40	4.50	7.50	
Six Roller "	4.70	6.00	9.20	

Triple.
One-third Furnished with Becket.

TRIPLE, Iron Strapped, Steel Pin.

Size	4	5	6	in.
Sheave	2¼	3	3½	in.
Mortise	11/16	7/8	1	in.
For rope	1/2	5/8	¾	in.
Weight	3	5	9	lbs.
Iron Bushed, each	$2.15	2.25	2.90	
Six Roller "	3.25		4.40	

Size	7	8	10	12	in.
Sheave	4¼	4¾	6¼	8	in.
Mortise	1⅛	1¼	1⅜	1½	in.
For rope	⅞	1	1⅛	1¼	in.
Weight	13½	18	28	49	lbs.
Iron Bushed, each	$3.50	4.25	6.25	10.65	
Six Roller "		6.00	8.50	13.20	

"SIZE," is length of block; "SHEAVE," the diameter of sheave; "MORTISE," width of space in which sheave revolves. IRON BUSHED sheaves are solid iron. SIX ROLLER bearings reduce the friction to a minimum.

We ship all single blocks, one-half of the double and one-third of the triple with beckets. If a greater proportion are ordered with beckets, we make a small additional charge.

Plain Iron Bushed.

Six Roller Bushed.

EXTRA SHEAVES, Plain Iron Bushed.

For block	4	5	6	7	in.
Size of sheave	2¼×5/8	3×¾	3½×1	4¼×1	in.
Weight	¼	½	¾	1	lbs.
Each	$0.12	.20	.25	.30	

For block	8	9	10	12	in.
Size of sheave	4¾×1⅛	5½×1⅛	6¼×1¼	8×1⅜	in.
Weight	2	2½	3	5	lbs.
Each	$0.35	.45	.55	.90	

To avoid mistakes, please order as follows: "One only extra sheave for 7 in. block," etc.

STEEL TACKLE BLOCKS.

Single.
Furnished with Becket.

Double.
One-half Furnished with Becket.

Triple.
One-third Furnished with Becket.

SINGLE, Steel Straps, Pins and Rivets, Gray Iron Sheaves and Steel Shells

Size (length of block)	4	6	8	10	12	in.
Sheave	2¼×11/16	3¼×1	5×1¼	6¼×1⅜	7½×1½	in.
For rope	½	¾	1	1⅛	1¼	in.
Weight	1½	4	8	16	25	lbs.
Each	$0.90	1.25	1.85	3.10	5.00	

DOUBLE, Steel Straps, Pins and Rivets, Gray Iron Sheaves and Steel Shells.

Size (length of block)	4	6	8	10	12	in.
Sheave	2¼×11/16	3¼×1	5×1¼	6¼×1⅜	7½×1½	in.
For rope	½	¾	1	1⅛	1¼	in.
Weight	2½	5	13	25	37	lbs.
Each	$1.75	2.25	3.20	5.10	8.25	

TRIPLE, Steel Straps, Pins and Rivets, Gray Iron Sheaves and Steel Shells.

Size (length of block)	6	8	10	12	in.
Sheave	3¼×1	5×1¼	6¼×1⅜	7½×1½	in.
For rope	¾	1	1⅛	1¼	in.
Weight	8	18	32	48	lbs.
Each	$3.25	4.75	7.00	11.75	

The steel straps of these blocks extend below the pin and support the entire strain. The sheaves are accurately turned and are interchangeable. The shells are superior to soft steel and provide secure fastening for pins.

We ship all single blocks, one-half of the double and one-third of the triple with beckets. If a greater proportion are ordered with beckets, we make a small additional charge.

SNATCH BLOCKS.

No. 213.

No. 215.

WOOD, Iron Strapped and Bushed, Gray Iron Sheave, Steel Pin.

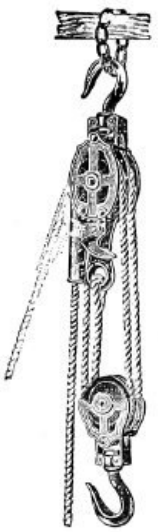
No. 213—Inches	6	8	10	12	
For rope	⅞	1	1¼	1½	in.
Sheave	3×1⅛	4½×1⅜	5¾×1⅞	6¾×2⅛	in.
Weight	6	13	20	30	lbs.
Each	$4.00	5.75	8.50	10.00	

STEEL, Automatic, Steel Strap, Loop and Rivet, Gray Iron Sheave and Steel Shell.

No. 215—Inches	7	8	10	12	
For rope	¾&⅞	1&1⅛	1¼&1⅜	1½&1⅝	in
Sheave	3½×1¼	4×1½	5½×1⅞	7×2	in.
Weight	10	11	20	32	lbs.
Each	$4.75	5.75	8.50	10.00	

SAFETY HOIST BLOCKS.

MALLEABLE IRON.



This hoist elevates, lowers, locks and unlocks with one rope only. The operator has only to move his hand to the right or left and elevate or lower the load at will. The heavier the load, the better it holds. It can be used in any position, perpendicular, horizontal or at any angle. It is used in factories, foundries, machine shops, mills, warehouses and quarries; also by carpenters, painters, masons and mechanics generally. It is indispensable on the farm, for erecting wind mills, taking out and putting down wood and iron pumps and other general work.

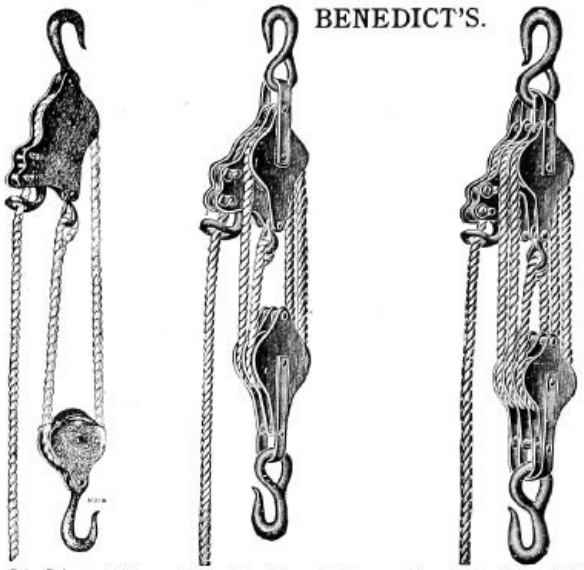
ALL HOISTS SHIPPED WITHOUT ROPE.

Steel Pins, Two Sheaves to Upper and Two Sheaves to Lower Block, without Rope.

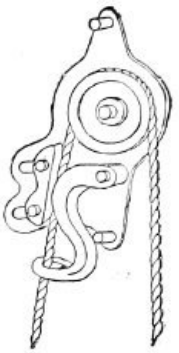
Nos.	16	14	13
For rope	3/8	3/8 & 1/2	1/2 & 5/8 in.
Sheave	1 7/8	2 1/2	3 in.
Capacity	1,000	1,500	2,000 lbs.
Weight per set	4	6 1/4	8 lbs.
Per set	$2.20	4.00	5.00

Nos.	12	11
For rope	5/8 & 3/4	3/4 & 7/8 in.
Sheave	3 1/2	4 1/2 in.
Capacity	2,500	3,500 lbs.
Weight per set	15	20 lbs.
Per set	$6.65	10.00

BENEDICT'S.



Nos. B1, B4 and B7. Nos. B2, B5 and B8. Nos. B3, B6 and B9.



Sectional view showing adjustable lock shoe and dog.

Steel Plates, Steel Pins, Steel Forged Hooks, without Rope.

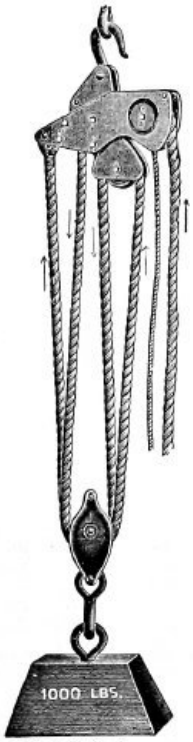
Nos.	B1	B2	B3	B4	B5
For rope	1/8 to 3/8	1/8 to 3/8	1/8 to 3/8	3/8 to 3/4	3/8 to 3/4 in.
Number of sheaves	1	2	3	1	2
One man can hoist	300	600	800	300	600 lbs.
Capacity	400	800	1,200	1,000	2,500 lbs.
Weight per set	1 1/2	2 1/2	3 1/2	3	6 1/2 lbs.
Per set	$1.00	1.50	2.00	1.50	2.50

Nos.	B6	B7	B8	B9
For rope	3/8 to 3/4	1/2 to 1 1/8	1/2 to 1 1/8	1/2 to 1 1/8 in.
Number of sheaves	3	1	2	3
One man can hoist	900	300	600	900 lbs.
Capacity	4,000	3,500	7,000	9,500 lbs.
Weight per set	9	18	30	43 lbs.
Per set	$4.00	8.00	12.00	16.00

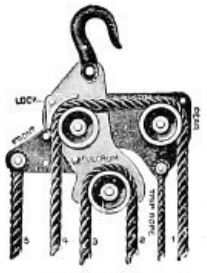
A prominent feature of these blocks is that they can be adapted to any size rope for the reason that the shoe is adjustable. The bolts which hold the shoe in place pass through slots in the plate, so that the adjustment can be easily and quickly made.

These hoist blocks are neat, strong and reliable. The plates and pins are steel. The body is strapped to withstand hard and constant use. The hoops are steel forged. With the use of the brake the load can be held at any position desired. The brake is absolutely safe; the heavier the load, the better the grip. It is easily worked—a slight movement of the hand to the right or left engages or disengages the brake. It elevates, lowers, locks and unlocks with one rope only.

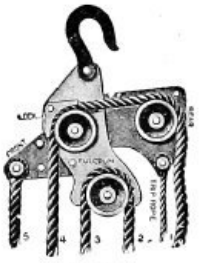
BURR'S STEEL, WITHOUT ROPE.



Nos. 3 to 6.



Unlocked.



Locked.

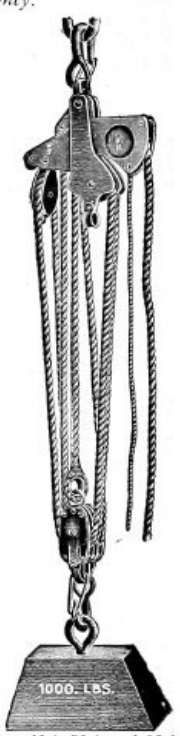
With Three Sheaves to Upper and Two Sheaves to Lower Block.

Nos.	3	4	5	6
For rope	3/8	1/2	5/8	3/4 in.
One man can hoist	300	350	400	450 lbs.
Capacity	800	1,500	2,000	2,500 lbs.
Weight per set	4	8	12	16 lbs.
Per set	$3.00	5.50	7.00	8.50

With Five Sheaves to Upper and Three Sheaves to Lower Block.

Nos.	4 1/2	5 1/2	6 1/2
For rope	1/2	5/8	3/4 in.
One man can hoist	600	700	850 lbs.
Capacity	3,000	3,500	5,000 lbs.
Weight per set	7	16	20 lbs.
Per set	$10.00	12.00	14.00

In the Burr Safety Lift the locking is done by the positive action of the load on a lever, the most powerful and unfailing of the elementary mechanical principles; will do the same work as the differential chain block. Sustains the load at any point without fastening the rope. Will lock securely on wet or greasy rope. Never cuts or wears the rope. Never hard to unlock. The heavier the load, the more secure the hold. Never fails to lock.



Nos. 4 1/2, 5 1/2 and 6 1/2.

ROPE.

MANILA BRANDS.

Rev-o-noc Manila is made of the purest and finest grade of Manila hemp, absolutely pure in every particular.

Rev-o-noc Manila is carried in 3 strand, with the exception of ¾, 13/16 and ⅞ inch, *which we can supply in both 3 and 4 strand.* Please state which is wanted.

Sulu Manila, guaranteed to be *pure Manila.* The fibre in its manufacture is not of as good color or length as in Rev-o-noc. This is the same Manila we have sold for years, but to distinguish it, are now branding it "Sulu."

Sulu Manila is carried in 3 strand with the exception of ¾, 13/16 and ⅞ inch, which is 4 strand.

SISAL BRANDS.

Rev-o-noc Sisal is made of the purest and finest grade of sisal hemp, absolutely pure in every particular.

Eagle Sisal is a first-class commercial Sisal Rope, with a mixture of Istle in it. We have sold it for several years and it has given good satisfaction.

Sisal Rope is made in *three strand only.*

In ordering always state the brand of Manila or Sisal desired.

SIZES AND WEIGHTS OF MANILA ROPE.

Diameter	3-16	1-4	5-16	3-8	7-16	1-2 in.
W't per full coil	40	50	55	65	75	95 lbs.
Per pound	$0.15½	.15	.15	.14½	.14	.14

Diameter	9-16	5-8	3-4	13-16	7-8	1 in.
W't per full coil	130	160	200	250	300	360 lbs
Per pound	$0.14	.14	.14	.14	.14	.14

Diameter	1 1-4	1 1-2	1 3-4	2	2 1-2 in.
W't per full coil	560	800	1,200	1,440	2,240 lbs.
Per pound	$0.14	.14	.14	.14	.14

3/16 TO 9/16 IN., FULL COILS; 5/8 IN. AND OVER, FULL AND HALF COILS. A FULL COIL CONTAINS ABOUT 1,200 FEET.

SIZES AND WEIGHTS OF SISAL ROPE.

Diameter	3-16	1-4	5-16	3-8	7-16	1-2 in.
W't per full coil	40	50	55	65	75	95 lbs.
Per pound	$0.12½	.12	.12	.11½	.11	.11

Diameter	9-16	5-8	3-4	13-16	7-8	1 in.
W't per full coil	130	160	200	250	300	360 lbs.
Per pound	$0.11	.11	.11	.11	.11	.11

3/16 TO 9/16 IN., FULL COILS; 5/8 IN., AND OVER, FULL AND HALF COILS. A FULL COIL CONTAINS ABOUT 1,200 FEET. WE DO NOT CUT COILS OF SISAL ROPE.

When a price is quoted on Sisal and Manila rope, it is understood to include all sizes from 7/16 to 2½ in., ⅜ in. is always half a cent advance, ¼ and 7/16 in. one cent advance, and 13/16 in. one and a half cents advance over the price of 7/16 in., called the rate.

HARD TWISTED PICKET.

7-16 in., "OUR VERY BEST, COWBOY," 4 strands, selected sisal fibre, w't about 6½ lbs. per 100 ft. ..... per pound $0.15

7-16 in., "MONTANA LARIAT," 3 strands, selected sisal fibre, w't about 6½ lbs. per 100 ft. ..... per pound .14½

3-8 in., "MANILA COWBOY," 3 strands, selected manila fibre, w't about 5 lbs. per 100 ft. ..... per pound .18½

7-16 in., "MANILA COWBOY," 3 strands, selected manila fibre, w't about 6½ lbs. per 100 ft. ..... per pound .18

7-16 in., "REV-O-NOC YACHT LARIAT," 3 strands, selected manila fibre, w't about 6½ lbs. per 100 ft. ..... per pound .40

IN FULL COILS OF 1,200 FEET. WE DO NOT CUT COILS.

7-16 in., "REV-O-NOC YACHT LARIAT," in 35 ft. lengths ..... each $1.50

"REV-O-NOC" HAWSER LAID MANILA.

Diameter	3-4	13-16	7-8	1 1-4	1 1-2 in.
W't per full coil	220	275	330	615	880 lbs.
Per pound	$0.16	.16	.16	.16	.16

IN FULL AND HALF COILS. A FULL COIL CONTAINS ABOUT 1,200 FEET.

COTTON.

		ON REELS.	IN COILS.
1- 4 in., common	per pound	$0.25	$0.27
5-16 in., common	"	.25	.27
3- 8 in., common	"	.25	.27
1- 4 in., extra grade	per pound		$0.35
5-16 in., extra grade	"		.35
3- 8 in., extra grade	"		.35
1- 2 in., extra grade	"		.35

The weight of reel is always included in the total weight charged.

1,200 FEET IN A REEL OR COIL. WEIGHT ON REELS ABOUT 50 LBS.; IN COILS, ABOUT 45 LBS.

TABLE SHOWING APPROXIMATE WEIGHT AND STRENGTH OF MANILA ROPE.

Best Manila Hemp, United States Government Test.

Diameter	1-4	5-16	3-8	7-16	1-2	9-16	in.
Circumference	6 thd.	9 thd.	12 thd.	1¼	1½	1¾	in.
W't of 1,200 ft.	25	37	50	75	95	130	lbs.
W't of 100 ft.	2	3	4	6¼	8	11	lbs.
Tested strength	780	1,000	1,280	1,560	2,250	3,060	lbs.

Diameter	5-8	3-4	13-16	7-8	1	1 1-16	in.
Circumference	2	2¼	2½	2¾	3	3¼	in.
W't of 1,200 ft.	160	200	250	300	360	420	lbs.
W't of 100 ft.	13¼	17	21	25	30	35	lbs.
Tested strength	4,000	5,000	6,250	7,500	9,000	10,500	lbs.

Diameter	1 1-8	1 1-4	1 3-8	1 1-2	1 5-8	in.
Circumference	3½	4	4¼	4¾	5	in.
W't of 1,200 ft.	480	560	720	800	1,000	lbs.
W't of 100 ft.	40	46⅔	60	66⅔	83⅓	lbs.
Tested strength	12,250	16,000	18,000	22,500	25,000	lbs.

Diameter	1 3-4	2	2 1-4	2 3-8	2 1-2	in.
Circumference	5½	6¼	7	7½	8	in.
W't of 1,200 ft.	1,200	1,440	1,800	1,960	2,240	lbs.
W't of 100 ft.	100	120	150	163	187	lbs.
Tested strength	30,250	39,000	49,000	56,250	62,000	lbs.

The weights of Manila and Sisal rope are about the same, Manila being about 25% stronger. Working strain should not exceed one-third of tested strength.

SASH CORD, CHAIN AND CLOTHES LINES.

SASH CORD.

"REV-O-NOC."

Braided, White Cotton in Hanks.

Nos	C6	C7	C8
Size	6/32	7/32	8/32 in.
Approx. No. ft. to lb.	66	55	44
Approx. w't per doz.	18	22	27 lbs.
Per pound	$0.45	.45	.45

Nos	C10	C12
Size	10/32	12/32 in.
Approx. No. ft. to lb.	27	20
Approx. w't per doz.	44	60 lbs.
Per pound	$0.45	.45

Made of a good grade of cotton, small center, solid braid. Very strong and durable.

NOS. C6 TO C10. SIX DOZEN; NO. C12, FOUR DOZEN IN A BALE.

"CRUSO," White Hemp Twisted, Machine Stretched.

Nos	H7	H8
Size	7/32	8/32 in.
Approx. w't per doz.	23	28 lbs.
Per pound	$0.28	.28

ONE HUNDRED FEET IN A HANK; ONE DOZEN HANKS IN A BUNDLE.

SAMSON SPOT, in Hanks.

Nos	7	8	10	12
Size	7/32	8/32	10/32	12/32 in.
Approx. w't per doz.	22	27¼	46	65 lbs.
Per pound	$0.70	.70	.70	.70

ONE DOZEN IN A BUNDLE.

SILVER LAKE, Braided White Cotton.

No. B7—7-32 in., approx. w't per doz. 22 lbs. ..... per pound $0.50

No. B8—8-32 in., approx. w't per doz. 27 lbs. ..... per pound .50

AWNING, VENTILATING AND PULLEY CORD.

Full Size Cut.

Braided Cotton, in 100 ft. Hanks.

No. 5—White, approx. w't per doz. 12 lbs. ..... per dozen $7.50

No. 05—Drab, approx. w't per doz. 12 lbs. ..... per dozen 8.50

ONE DOZEN IN A BUNDLE.

SASH CHAIN.

Annealed, Extra Quality.

No. C2—Coppered steel, for sash weighing not over 80 lbs. ..... per 100 ft. $ 6.00

No. 1—Bronze metal, for sash weighing not over 60 lbs. ..... per 100 ft. 6.00

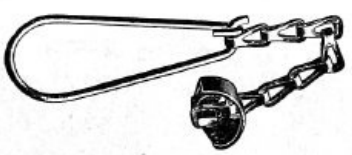
No. B2—Bronze metal, for sash weighing not over 100 lbs. ..... per 100 ft. 8.00

No. 3—Bronze metal, for sash weighing not over 125 lbs. ..... per 100 ft. 10.00

Chain has the advantage over the best sash cord of not rotting or fraying. It is not affected by dampness or hard usage, is practically indestructible and always in working order.

FIVE HUNDRED FEET ON A REEL. ONE REEL IN A CASE. AVERAGE W'T 5 LBS. PER 100 FEET.

SASH CHAIN ATTACHMENTS.



No. 1—Single, for any size sash chain, w't per doz. sets 36 lbs. . per dozen sets $1.60

A set consists of 4 attachments, sufficient for one window (two sash).

TWENTY-FIVE SETS IN A BOX.

CLOTHES LINE.

Twisted, in Hanks.

No. 4—60 ft., jute, w't per doz. 8½ lbs. per dozen $2.00

No. 2—"CRUSO," 50 ft., white hemp, highly polished, machine stretched, w't per doz. 8½ lbs. ..... per dozen 2.50

No. 5—60 ft., 6 thread, sisal, w't per doz. 7 lbs. ..... per dozen 2.25

No. 115—72 ft., 6 thread, sisal, w't per doz. 9 lbs. ..... per dozen 2.75

No. 6—50 ft., cotton, w't per doz. 6 lbs. ..... per dozen 2.50

No. 7—50 ft., braided cotton, w't per doz. 3½ lbs. ..... per dozen 2.25

ONE DOZEN HANKS IN A BUNDLE.

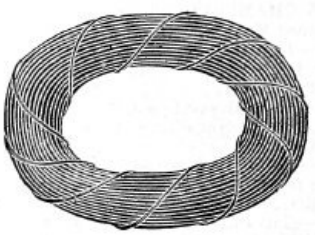
CLOTHES LINE.

Solid Braided Cotton, Soft.

No. 24—BEE, 50 ft., w't per doz. 7 lbs., per dozen $4.00

No. 25—DEVONSHIRE, 50 ft., waterproof, w't per doz. 8 lbs. ..... per dozen 6.00

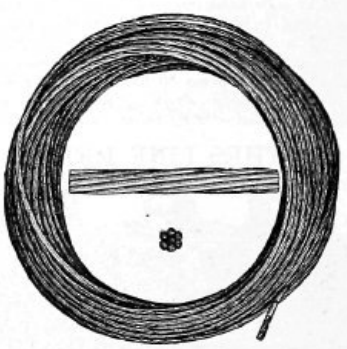
ONE DOZEN HANKS IN A BUNDLE.



Galvanized Wire, Plain.

No. 8—100 ft., w't per doz. 84 lbs., per dozen $7.50

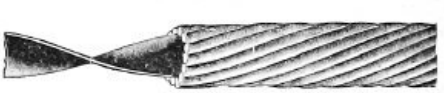
No. 9—100 ft., w't per doz. 72 lbs., per dozen 7.00



Galvanized Wire, Twisted.

Nos	20	19	18	17
W't per doz., 75 ft.	15	21	27	39 lbs.
75 ft., per dozen	$3.75	4.50	5.25	6.75
W't per doz., 100 ft.	24	27	33	48 lbs.
100 ft., per dozen	$5.00	6.00	7.00	9.00

No. H4—100 ft., hollow cable, twisted, w't per doz. 43 lbs. ..... per dozen $7.85

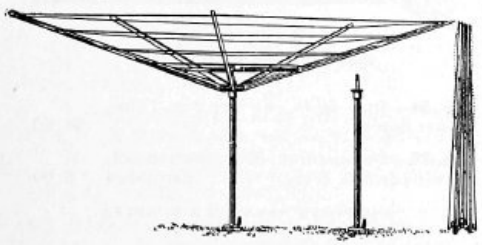


Enlarged Cut.

No. 15—100 ft., reinforced hollow cable, galvanized, w't per doz. 48 lbs., per dozen $10.00

CLOTHES LINE REELS, CLOTHES PROPS AND ROPE CUTTERS.

CLOTHES DRYERS.



HILL'S CHAMPION, All Castings of Best Refined Malleable Iron and Galvanized.

No. 1—Painted wood post, 4 arms 6 ft. long, for 100 feet of line, w't per doz. 408 lbs.....per dozen $ 96.00

No. 2—Painted wood post, 5 arms 6 ft. long, for 115 feet of line, w't per doz. 408 lbs.....per dozen 101.52

No. 3—Painted wood post, 5 arms 7 ft. long, for 150 feet of line, w't per doz. 444 lbs.....per dozen 122.40

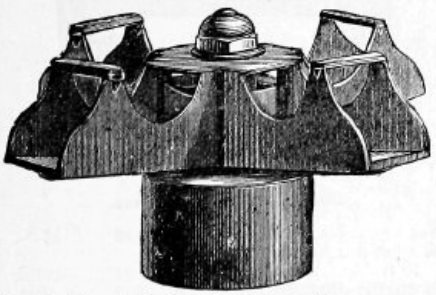
No. 11—Galvanized steel post, 4 arms 6 ft. long, for 100 feet of line, w't per doz. 468 lbs.....per dozen 118.56

No. 12—Galvanized steel post, 5 arms 6 ft. long, for 115 feet of line, w't per doz. 492 lbs.....per dozen 66.72

No. 13—Galvanized steel post, 5 arms 7 ft. long, for 150 feet of line, w't per doz. 528 lbs.....per dozen 144.00

The Reel is made of the best material throughout. It is self-fastening and locks to post when in use, and being separate, can be easily removed when not in use. The Lawn Dryer post sets in a socket in the ground and can also be removed, thus leaving no obstruction at all on the lawn between wash days. Fitted with either wood post painted or steel tubing post galvanized.

CLOTHES LINE REELS.



No. 2—New style, japanned iron, diameter 14 in., w't per doz. 169 lbs., per dozen..... $12.00

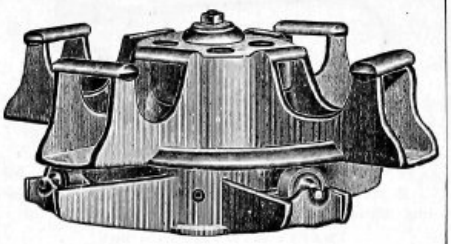
No. 3—New style, japanned iron, extra heavy, diameter 14 in., w't per doz. 216 lbs.....per dozen 15.00

LOOSE.

CLOTHES LINE REELS.

No. 5—ADAMS', cast iron, japanned, extra strong, with bolt for post, iron pin substituted by a cap which is as large as the post, and bolt is furnished to anchor the cap securely, diameter 14 in., w't per doz. 168 lbs..per dozen $16.00

ONE-QUARTER DOZEN IN A CRATE.



No. 010—SILBERZALM'S, cast iron, japanned, diameter 16 in., anti-friction roller bearings, socket head with four arms, supporting roller bearings, rollers are 6 in. from the center, thereby giving supporting surface of 12 in. in diameter, w't 240 lbs.....per dozen $16.00

ONE-QUARTER DOZEN IN A CRATE.

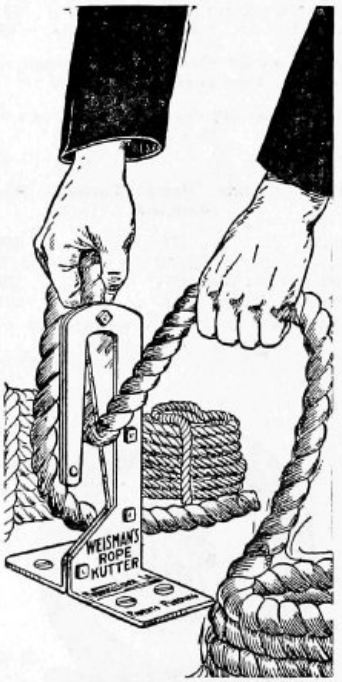
CLOTHES PROPS.

No. 10—Length 8 ft., width 1¼ in., 15/16 in. thick, kiln dried gum wood, ends malleable iron, galvanized, w't per doz. 31 lbs.....per dozen $3.50

Easy to put on line, and cannot be blown off. Perfectly smooth and free from knots.

These props sometime come round instead of flat, as very often the wood works up to better advantage in a round prop. If a customer expresses a preference we will try to accommodate him as far as possible.

ROPE CUTTERS.



No. 95—WEISMAN'S, best quality steel, height 10 in., width 3 in., finished in bright red enamel, w't per doz. 24 lbs., per dozen $24.00

Will cut all sizes of rope. Simply place rope in slot and give a quick pull. Can be fastened anywhere and will cut in any position. The blade is of best tempered tool steel and can easily be removed and sharpened.

TWINE AND TWINE HOLDERS.

TWINE HOLDERS.

No. 10—SENSIBLE, cone twine holders, japanned, height 11 in., with clamp screw to screw to counter, w't per doz. 18 lbs ... .per dozen $2.00

LOOSE.

No. 20—Copper bronzed, to hang, w't per doz. 9 lbs.....per dozen $2.50

No. 30—Japanned, to hang, w't per doz. 9 lbs .....per dozen 2.50

HALF DOZEN IN A BOX.

No. 25—Copper bronzed, to stand or screw to wall, w't per doz. 15 lbs., per dozen $5.40

No. 35—Japanned, to stand or screw to wall, w't per doz. 15 lbs... per dozen 5.40

HALF DOZEN IN A BOX.

No. 131—BEE HIVE, extra heavy for counter, w't per doz 30 lbs. per dozen $5.50

HALF DOZEN IN A BOX

TWINE.

Cotton in Balls.

No. 3—3 ply, wrapping, common grade, per pound..... $0.28

No. 4—4 ply, wrapping, common grade, per pound..... .36

No. 34—4 ply, heavy wrapping, high grade soft spun.....per pound .38

No. 24—4 ply, wrapping, extra high grade.....per pound .40

LOOSE.

Cotton on Cones.

No. 13—3 ply, medium grade, on cones of about 2½ lbs.....per pound $0.36

No. 14—4 ply, medium grade, on cones of about 2½ lbs.....per pound .36

No. 15—3 ply, extra high grade, on cones .....per pound .40

No. 16—4 ply, extra high grade, on cones .....per pound .40

LOOSE.

Size 12 2-64

Size 18 3-64

Size 24 4-64

Size 36 5-64

India Hemp.

No. 80—Size 12, ¼ lb. balls..per pound $0.42

No. 81—Size 18, ¼ lb. balls.. " .38

No. 82—Size 18, ½ lb. balls.. " .36

B. C. Hemp.

No. 83—Size 18, ½ lb. balls..per pound $0.44

No. 84—Size 24, ½ lb. balls.. " .42

No. 85—Size 36, ½ lb. balls.. " .40

THREE POUNDS IN A PACKAGE.

India Hemp.

3-32

Size of 2-Ply.

4-32

Size of 3-Ply.

No. 4½—2-ply, ¼ lb. balls ..per pound $0 26

No. 6 —3-ply, ½ lb. balls .. " .24

LOOSE

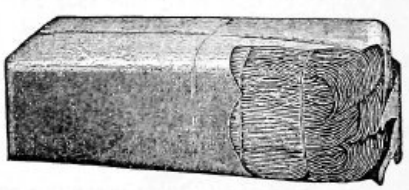
TWINE.

No. 2TK—Jute wrapping, ½ lb. balls, per pound... ..... $0.20

LOOSE.

No. 1—4 ply, jute wool, 1 lb. balls, per pound..... $0.11

100 LBS. IN A BALE.



Sail or Sacking.

No. 53—3 ply, "B" hemp, in hanks, per pound $0.36

No. 54—4 ply, "B" hemp, in hanks, per pound ..... .36

No. 63—3 ply, "A" flax, in hanks, per pound..... .50

TWELVE POUNDS IN A PACKAGE.

Fodder or Lath.

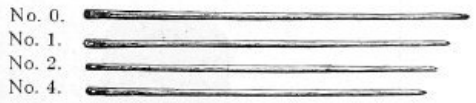
No. 130—130 strand, tarred sisal, approx. w't per coil 110 lbs.....per pound $0.10

No. 200—200 strand, tarred sisal, approx. w't per coil 110 lbs.....per pound .12

LOOSE.

NEEDLES.

HARNESS.

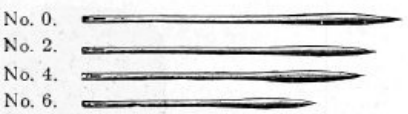


Polished Cast Steel, Drilled Eye.

Nos.	0	1	2	3	4	5	6
Per paper	$0.15	.15	.15	.15	.15	.15	.15

TWENTY-FIVE IN A PAPER.

GLOVERS'.



Polished Cast Steel.

Nos	0	1	2	3	4	5	6
Per paper	$0.25	.25	.25	.25	.25	.25	.25

TWENTY-FIVE IN A PAPER.

PACKING OR SACKING.

Polished Cast Steel.

No. 20—Inches	3½	4	4½	5
Per dozen	$0.20	.25	.30	.35

No. 20—Inches	5½	6	7
Per dozen	$0.40	.45	.50

THREE DOZEN IN A BOX.

SPRING EYE PACKING.

Extra Quality Forged Crucible Polished Steel.

No. 30—Inches	4½	5
Per dozen	$2.50	3.00

ONE DOZEN IN A PAPER.

Extra Quality Forged Crucible Polished Steel, with Cutter.

No. 40—Inches	4½	5
Per dozen	$4.75	5.00

ONE DOZEN IN A PAPER.

SAIL.

Polished Steel.

Nos.	4	3	2	1
Size	2¼	2½	3	3½ in.
Per paper	$0.50	.60	.80	1.10

TWENTY-FIVE IN A PAPER.

SPEYING.

Polished Steel.

No. 15—Inches	2½	3
Per dozen	$0.20	.25

ONE DOZEN IN A PAPER.

KNITTING.

No. 14.

No. 12

No. 10.

Extra Fine Elastic Steel.

Nos	14	12	10
Per gross	$0.85	1.10	1.70

ONE-QUARTER GROSS IN A PACKAGE.

MATTRESS OR UPHOLSTERERS'

No. 50—10 in., polished steel, single point, ... per dozen $0.62

ONE DOZEN IN A PAPER.

No. 60—10 in., polished steel, double point . . . . . per dozen $0.72

ONE DOZEN IN A PAPER.

SHOE FINDINGS.

SHAPED HALF SOLES.

Men's, Hemlock Leather, Assorted 9 to 12.

No. 10. Thickness	**3¼**	**4**	**4½**	**5**	**in.**
W't per doz. pairs.	3	3½	3¾	4	lbs.
Per dozen pairs	$3.00	3.25	3.60	4.40	

The thickness given is of twelve pairs.

ONE DOZEN PAIRS IN A PACKAGE.

Men's, Oak Leather, Assorted 9 to 12.

No. 15. Thickness	**3½**	**4**	**4½**	**5**	**in.**
W't per doz. pairs.	2¾	3	3¼	4	lbs.
Per dozen pairs	$3.00	3.25	3.60	4.40	

The thickness given is of twelve pairs.

ONE DOZEN PAIRS IN A PACKAGE.

FELT BOOT TAPS.

Men's, Hemlock Leather, Assorted 12 to 14.

No. 12. Thickness	**4**	**5**	**in.**
W't per doz. pairs	4½	4¾	lbs.
Per dozen pairs	$4.50	5.25	

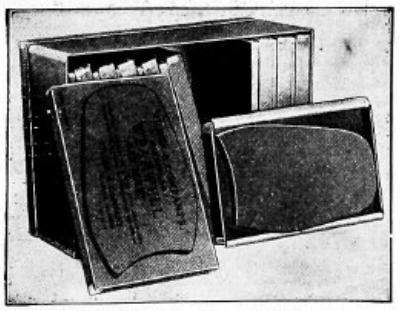
The thickness given is of twelve pairs.
These are extra wide for felt or rubber boots.

ONE DOZEN PAIRS IN A PACKAGE.

No. 20—Women's, hemlock leather, thickness of 12 pairs 3½ in., assorted 3 to 7, w't per doz. pairs 2 lbs. per dozen pairs $2.20

No. 30—Boys', hemlock leather, thickness of 12 pairs 4 in., assorted 1 to 5, w't per doz. pairs 2¾ lbs., per dozen pairs 2.80

ONE DOZEN PAIRS IN A PACKAGE.



No. 22—Wear-long, waterproof, thickness of 12 pairs 4½ in., assorted 8 to 12, w't per doz. pairs 5¼ lbs., per dozen pairs $4.60

No. 26—Wear-long, waterproof, thickness of 12 pairs 6 and 6½ in., assorted 10 to 13, w't per doz. pairs 7¼ lbs., per dozen pairs 5.40

ONE PAIR IN A CARTON, TWELVE CARTONS IN A BOX

SQUARES AND BLOCKS.

Men's, Hemlock Leather Squares, 6½x8½ in.

No. 40. Thickness	**3½**	**4**	**4½**	**5**	**in.**
W't per doz. pieces	3¾	4	4½	5	lbs.
Per dozen pieces	$3.80	4.20	4.50	5.00	

Will cut one pair of men's tap soles.

ONE SINGLE DOZEN IN A PACKAGE.

Men's, Oak Leather Blocks., 8½x12½ in.

No. 45. Thickness	**4**	**4½**	**5**	**in.**
W't per doz. pieces	7	8	9	lbs.
Per dozen pieces	$7.80	9.00	10.80	

Will cut two pair of men's tap soles, and can also be used to advantage for women's, boy's or children's soles and heels.

ONE SINGLE DOZEN IN A PACKAGE.

TOP LIFTS.

No. 50—Men's, hemlock leather, thickness of 12 pairs 4 in., w't per doz. pairs 1⅛ lbs. per dozen pairs $0.96

ONE DOZEN PAIRS IN A PACKAGE.

SOLE STRIPS.

No. 60—Hemlock, leather, all clear, per pound $0.90

No. 65—Oak leather, all clear, per pound .90

These are heavy strips 6½ inches wide and varying in length from 18 to 30 inches.
We cannot furnish strips of any stated length.

TWENTY-FIVE POUNDS IN A BUNDLE

LEATHER CEMENT.

Ajax.

No. 303—1-oz. bottles per dozen $1.50
No. 305—2-oz. bottles " 2.20

Very useful for cementing all kinds of leather, shoe and harness repairing.

ONE DOZEN IN A BOX.

RUBBER CEMENT.

Ajax.

No. 205—2-oz. bottles per dozen $1.50
No. 206—4-oz. cans " 2.20
No. 208—8-oz. cans " 4.20

An excellent cement for all rubber goods, such as rubber coats, hot water bags, etc.

ONE DOZEN IN A BOX.

HEEL PLATES.

Star, Steel, to Drive.

Nos	**1**	**2**	**3**	**4**	**5**	
Size	1⅛	1⅜	1⅝	1⅞	2	in.
W't per gro. pairs	3	5	5½	8	9	lbs.
Per gro. prs.	$1.00	1.50	1.75	2.50	3.00	

ONE-QUARTER GROSS PAIRS IN A BOX.

HEEL STIFFENERS.

Lyons'.

Nos	**1**	**2**	**3**	
Heel	1	1⅛	1¼	in.
W't per doz. pairs	⅜	½	¾	lbs.
Per dozen pairs	$1.00	1.00	1.00	
Nos.	**4**	**5**	**6**	
Heel	1⅜	1½	1¾	in.
W't per doz. pairs	⅞	1	1¼	lbs.
Per dozen pairs	$1.00	1.00	1.00	

No. 26—Assorted, Nos. 2 to 6, w't per doz. pairs 1 lb. per dozen pairs $1.00

ONE DOZEN PAIRS IN A BOX.

COBBLERS' TOOLS.

COBBLERS' OUTFITS.

No. 25 Rev-o-noc—Consisting of 28 articles as enumerated, packed in a Flemish oak box 16½×7×5½ in., in two compartments, hinged cover, w't per doz. 240 lbs.....per dozen $48.00

A complete outfit for shoe repairing, containing all articles warranted first class.

Contents.

1-malleable iron stand.
1-9½×3¼ in. *malleable* iron last.
1-8½×2¾ in. *malleable* iron last.
1-7×2¼ in. *malleable* iron last.
1-5¼×2 in. *malleable* iron last.
1-steel shoe hammer.
1-best steel shoe knife.
1-pair good quality men's half soles.
1-pair good quality boys' half soles.
1-pair good quality women's half soles.
1-leather head patent peg awl handle.
1-peg awl.
1-stabbing awl handle.
1-stabbing awl.
1-sewing awl handle.
1-sewing awl.
1-pkg. ⅝ in. heel nails.
1-pkg. ½ in. clinch nails.
1-pkg. ⅝ in. clinch nails.
1-pkg. 2-oz. shoe tacks.
1-pkg. shoe needles.
1-ball shoe thread.
1-ball shoe wax.
1-bunch bristles.
4-pairs heel plates, assorted sizes.
1-bottle leather cement.
1-bottle rubber cement.
1-wrench for peg awl handle.
1-set directions for half soling.

LAP LASTS.

Pointed Toe, Cast Iron, Japanned.

No. 10—Small, 2½×5 in. and 2¾×5½ in., w't per doz. 24 lbs.....per dozen $1.50
No. 11—Medium, 2¾×5 in. and 3×5¾ in., w't per doz. 30 lbs...per dozen 2.10
No. 12—Large, 3×5½ in. and 3¾×6 in., w't per doz. 36 lbs.....per dozen 2.70

Round Toe, Cast Iron, Japanned.

No. 21—Medium, 2¾×4½ in. and 3×5¼ in., w't per doz. 33 lbs....per dozen $2.10
No. 22—Large, 3¼×5¼ in. and 3¾×5¾ in., w't per doz. 42 lbs...per dozen 2.70

COBBLERS' OUTFITS.

No. 10—Consisting of 27 articles, as enumerated above, packed securely in a wood box, w't per doz. 138 lbs., per dozen..... $21.00

Contents.

1-iron stand for lasts.
1-last for men's work.
1-last for boys' work.
1-last for children's work.
1-pair men's half soles.
1-pair boys' half soles.
1-pair women's half soles.
1-shoemaker's hammer.
1-shoemaker's knife.
1-patent peg awl handle.
1-peg awl.
1-sewing awl handle.
1-sewing awl.
1-wrench for peg awl handle.
1-pkg. half soling nails.
1-pkg. half soling tacks
1-bunch bristles.
1-ball shoe thread.
1-ball shoe wax.
1-harness awl handle.
1-harness awl.
1-bottle leather cement.
1-bottle rubber cement.
4-pairs heel plates.
1-pkg. shoe pegs.
1-pkg. heel nails.
1-copy directions for half soling, etc., etc.

STANDS AND LASTS.

Japanned Cast Iron, Adjustable Lasts.

No. 1—Height 14 in., with 3 lasts, w't per doz. 90 lbs.....per dozen $5.00
No. 2—Height 24 in., with 4 lasts, w't per doz. 144 lbs.....per dozen 9.00
No. 3—Height 21 in., with 4 lasts, w't per doz. 108 lbs.....per dozen 7.00

Japanned Malleable Iron, Adjustable Lasts.

No. 4—Height 23 in., with 4 lasts, w't per doz. 150 lbs.....per dozen $17.50

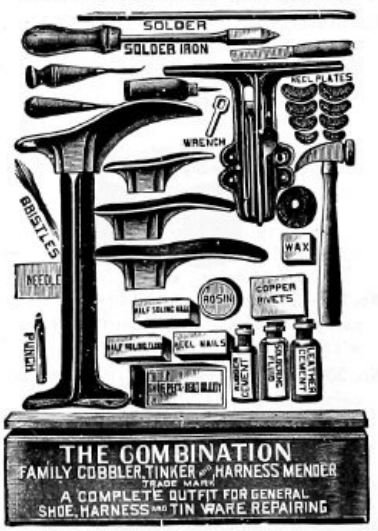
COBBLERS' OUTFITS.

No. 5—Consisting of 16 articles, as enumerated above, packed securely in a wood box, w't per doz. 126 lbs....per dozen $9.00

Contents.

1-iron stand for lasts.
1-last for men's work.
1-last for boys' work.
1-last for children's work.
1-shoemaker's hammer
1-shoemaker's knife.
1-patent peg awl handle.
1-peg awl.
1-sewing awl handle.
1-sewing awl.
1-harness awl handle.
1-harness awl.
1-paper heel nails.
1-paper half soling nails.
1-wrench for awl.
1-copy directions.

COMBINATION OUTFITS.



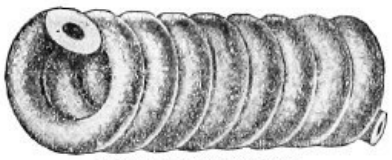
No. 15—Consisting of 44 articles, as enumerated, packed securely in a wood box, w't per doz. 168 lbs., per dozen..... $30.00

Contents.

1-iron stand for lasts.
1-iron men's last.
1-iron boys' last.
1-iron women's last.
1-iron children's last
1-shoe hammer.
1-shoe knife.
1-peg awl handle.
1-peg awl.
1-wrench for awl.
1-sewing awl handle.
1-sewing awl.
1-stabbing awl handle.
1-stabbing awl.
1-bot. leather cement.
1-bot. rubber cement.
1-bunch bristles.
1-ball shoe thread.
1-ball shoe wax.
3-pkg. clinch nails, ½, ⅝, ¾ in.
1-pkg. heel nails.
4-pairs heel plates, assorted.
6-harness needles.
1-harness and saw clamp
1-box slotted rivets, assorted.
1-rivet set for same.
1-belt punch.
1-soldering iron.
1-handle for same.
1-bar solder.
1-bar resin.
1-bottle soldering fluid
1-copy directions.

These outfits can be used for boots, shoes, rubber, harness and tinware.

PACKING.



"OUR VERY BEST."

Red Core, Round Spiral. In 12 Foot Coils.

No. 31 CVD—Sizes	3/8	1/2	5/8 in.
Coils to a box	1	1	1
W't per box	1	1½	2½ lbs.
Per pound	$0.86	.86	.86
No. 31 CVD—Sizes.	3/4	7/8	1 in.
Coils to a box	1	1	1
W't per box	4	5	7 lbs.
Per pound	$0.86	.86	.86

A first quality round rod packing for most exacting steam service, especially with high temperatures and pressures. A heat and oil proof core of rubber, the outer material being non-hardening under heat.

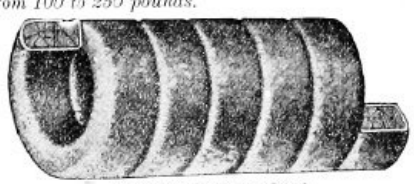
This packing retains its softness and life until worn out.

"OUR VERY BEST."

Diagonal, for High Pressures. In 12 Foot Coils.

No. 32 CVD—Sizes.	3/8	1/2	5/8 in.
Coils to a box	3	2	2
W't per box	6	7¼	10½ lbs.
Per pound	$1.60	1.60	1.60
No. 32 CVD—Sizes.	3/4	7/8	1 in.
Coils to a box	1	1	1
W't per box	7¼	9½	12¼ lbs.
Per pound	$1.60	1.60	1.60

Has a cushion of duck and rubber, and diagonal wedge rings, is designed for use with pressure of from 100 to 250 pounds.



"OUR VERY BEST."

Diagonal, for Low Pressures. In 12 Foot Coils.

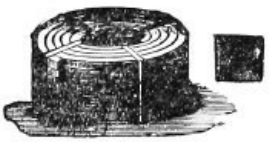
No. 33 CVD—Sizes.	3/8	1/2	5/8 in.
Coils to a box	3	2	2
W't per box	6	7¾	10 lbs.
Per pound	$1.30	1.30	1.30
No. 33 CVD—Sizes.	3/4	7/8	1 in.
Coils to a box	1	1	1
W't per box	7½	9½	12 lbs.
Per pound	$1.30	1.30	1.30

Has a cushion of finest flax, braided, for use with pressures not exceeding 100 pounds. Are well adapted to steam, air, and water service.

"OUR VERY BEST."

Sectional Red Tubular Gasket.

No. 34 CVD—Sizes.	3/8	1/2	5/8 in.
Coils to a box	5	4	3
W't per box	6	9	9¼ lbs.
Per pound	$0.90	.90	.90
No. 34 CVD—Sizes.	3/4	7/8	1 in.
Coils to a box	2	2	1
W't per box	9½	12½	8 lbs.
Per pound	$0.90	.90	.90



"OUR VERY BEST."

Special or Fine Square Duck. In 24 Foot Coils.

No. 36 CVD—Sizes	1-4	5-16	3-8	7-16 in.
W't per Coil	1	1¾	2¼	2¾ lbs.
Per pound	$0.90	.90	.90	.90

No. 36 CVD—Sizes	1-2	9-16	5-8	11-16	3-4 in.
W't per coil	4	4¾	5¾	7¼	8½ lbs.
Per pound	$0.90	.90	.90	.90	.90

No. 36 CVD—Sizes	13-16	7-8	15-16	1 in.
W't per coil	10	11¾	13½	15 lbs.
Per pound	$0.90	.90	.90	.90

A superior quality of packing made of fine duck and white rubber especially designed for hydraulic steam pumps.

Common Square Duck. In 24 Foot Coils.

Sizes	1/4	3/8	1/2	5/8 in.
W't per coil	¾	1¾	3	4¾ lbs.
Per pound	$0.70	.70	.70	.70

Sizes	3/4	7/8	1 in.
W't per coil	6½	9	12 lbs.
Per pound	$0.70	.70	.70

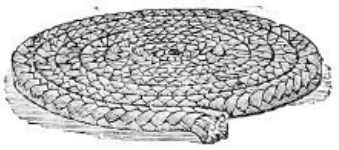
Made of a good grade of dark rubber and canvas, for all ordinary use.

Stranded Hemp, Untarred.

B* American, ¾ in., 7½ ft. to the pound, per pound $0.20

B Italian, ¾ in., 7½ ft. to the pound, per pound .30

ABOUT TWENTY-FIVE POUNDS IN A COIL.



"OUR VERY BEST." Flax.

CVD—Sizes	1/4	3/8	1/2	5/8	3/4	in.
Length per coil	30½	23½	18	15	12¾	ft.
Coils to a box	5	4	3	3	2	
W't per box	7	7¼	7¾	8¾	7¼	lbs.
Per pound	$0.60	.60	.60	.60	.60	

CVD—Sizes	7/8	1	1¼	1½	in.
Length per coil	11	9¼	7	6	ft.
Coils to a box	2	3	2	1	
W't per box	8	7	8	5	lbs.
Per pound	$0.60	.60	.60	.60	

Made from long fibre flax, braided in the most approved and skillful manner, lubricated with the finest quality cake tallow, is largely used on hydraulic elevators, where the work is severe. It is also well adapted for use in the water end of pump.

"REV-O-NOC." Flax.

REVONOC—Sizes	1/4	3/8	1/2	5/8	3/4	in.
Length per coil	30½	23½	18	15	12¾	ft.
Coils to a box	5	4	3	3	2	
W't per box	7	7¼	7¾	8¾	7¼	lbs.
Per pound	$0.45	.45	.45	.45	.45	

REVONOC—Sizes	7/8	1	1¼	1½	in.
Length per coil	11	9¼	7	6	ft.
Coils to a box	2	3	2	1	
W't per box	8	7	8	5	lbs.
Per pound	$0.45	.45	.45	.45	

Lubricated with the finest quality cake tallow, is used quite extensively and found to give very good satisfaction.

'OUR VERY BEST."

Square Spiral. In 12 Foot Coils.

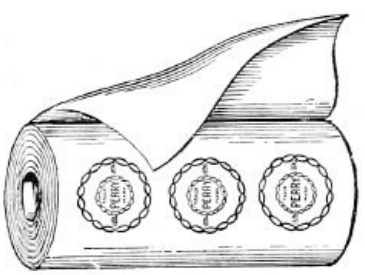
No. 26 CVD—Sizes	1-8	3-16	1-4	5-16	3-8	7-16 in.
W't per box	3/4	½	¾	1	1¼	2½ lbs.
Per pound	$1.20	1.20	1.20	1.20	1.20	1.20

No. 26 CVD—Sizes	1-2	9-16	5-8	11-16	3-4 in.
W't per box	2¾	2¾	4	4	4 lbs.
Per pound	$1.20	1.20	1.20	1.20	1.20

Made of the finest quality linen duck, heavily frictioned and treated (not boiled) with a special compound, graphite finish.

ONE COIL IN A BOX.

SHEET.



"OUR VERY BEST." Red Rubber.

CVD—Thickness	1-16	3-32	1-8 in.
W't per sq. yd	6	9	12 lbs.
Per pound	$1.00	1.00	1.00

Is the highest quality in every respect and equal to any brand manufactured.

Cloth Insertion.

Thickness	1-32	1-16	3-32 in.
Ply	1	1	2
W't per sq. yd	3	6	9 lbs.
Common grade, per pound	$0.25	.25	.25
High grade, "	.40	.40	.40

Thickness	1-8	3-16	1-4 in.
Ply	2	3	4
W't per sq. yd	12	18	25 lbs.
Common grade, per pound	$0.25	.25	.25
High grade, "	.40	.40	.40

Cloth Both Sides.

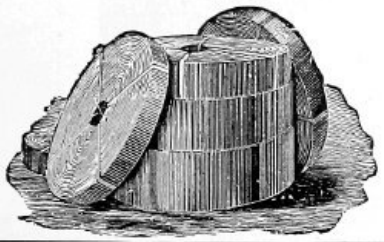
Thickness	1-32	1-16	3-32 in.
Ply	2	2	3
W't per sq. yd	3	6	9 lbs.
Common grade, per pound	$0.25	.25	.25
High grade, "	.40	.40	.40

Thickness	1-8	3-16	1-4 in.
Ply	3	4	5
W't per sq. yd	12	18	25 lbs.
Common grade, per pound	$0.25	.25	.25
High grade, "	.40	.40	.40

The weights given are the approximate weight of the common grade. High grade, though lighter, is much more desirable on account of the longer service it will give.

LEATHER, RUBBER AND CANVAS BELTING.

LEATHER.



WIDTH IN.	W'T PER 100 FT LBS.	"O.V.B GRADE. PER FOOT.	ECLIPSE GRADE. PER FOOT.	STANDARD GRADE. PER FOOT.	AGRICULTURAL GRADE. PER FOOT.
1	8	$0.24	$0.24	$0.24	$0.24
1¼	9¾	.30	.30	.30	.30
1½	11¾	.36	.36	.36	.36
1¾	13¾	.42	.42	.42	.42
2	15½	.48	.48	.48	.48
2¼	17½	.54	.54	.54	.54
2½	19½	.60	.60	.60	.60
3	23½	.72	.72	.72	.72
3½	27¼	.84	.84	.84	.84
4	31¼	.96	.96	.96	.96
4½	35	1.08	1.08	1.08	1.08
5	39	1.20	1.20	1.20	1.20
5½	43	1.32	1.32	1.32	1.32
6	47	1.44	1.44	1.44	1.44
7	55	1.68	1.68		1.68
8	62½	1.92	1.92		1.92
9	70	2.16	2.16		2.16
10	78	2.40	2.40		2.40
11	86	2.64	2.64		2.64
12	94	2.88	2.88		2.88

"Our Very Best" is made strictly short lap. The pieces are cut not longer than 4 ft. 2 in., and stretched so that they may be in length up to 4 ft. 6 in. Is suitable for any place where any high-grade belt can be used.

Eclipse is made of pure oak leather. This belting is as thick in appearance as **O.V.B** *of the same width. It is used ordinarily in slow running machinery where the load is comparatively easy.*

Standard and Agricultural grades are made from the first and second cuts of the shoulder, will run as straight as pure oak leather, but with much less strength, as thickness would show.

Weights given above are for "Our Very Best" grade. The Eclipse weighs about 10%, the Standard about 20% and the Agricultural about 33⅓% less.

A Rule for Measuring Belting in the Roll.

Add to the diameter of the roll in inches the diameter of the hole in the center of the roll. Multiply this sum by the number of coils in the roll, and this product by 1.32. The three figures on the left represent number of feet in the roll.

This rule applies to any kind of belting, rubber, canvas or leather, and to any ply of belt.

RUBBER ENDLESS THRESHER.

Four Ply.

WIDTH INCH.	W'T PER 100 FT. LBS.	ELEPHANT GRADE. PER FOOT.
6	82	$0.62
7	94	.73
8	106	.80

Five Ply.

WIDTH INCH.	W'T. PER 100 FT. LBS	ELEPHANT GRADE PER FOOT.
8	127	$1.05
9	143	1.18

Elephant brand is guaranteed to be the best grade thresher belt on the market.

Stock sizes, 120, 130, 140, 150, 160 and 170 ft. long.

For each additional inch in width, add per foot extra..... $0.24

List on double belting is twice the list of single.

RUBBER.

Three Ply.

WIDTH INCH.	W'T PER 100 FT. LBS.	EXTRA GRADE. PER FT.	AMHERST GRADE. PER FT.	STANDARD GRADE. PER FT.
1	11	$0.09	$0.09	$0.09
1¼	13	.11	.11	.11
1½	16	.13	.13	.13
2	26	.17	.17	.17
3	31	.26	.26	.26
3½	36	.30	.30	.30
4	40	.34	.34	.34
4½	45	.39	.39	.39
5	53	.43	.43	.43
6	67	.52	.52	.52

Four Ply.

WIDTH INCH.	W'T PER 100 FT. LBS.	EXTRA GRADE. PER FT.	AMHERST GRADE. PER FT.	STANDARD GRADE. PER FT.
2	26	$0.21	$0.21	$0.21
2½	32	.26	.26	.26
3	38	.31	.31	.31
3½	44	.37	.37	.37
4	50	.42	.42	.42
4½	54	.47	.47	.47
5	65	.52	.52	.52
6	77	.62	.62	.62
7	91	.73	.73	.73
8	102	.84	.84	.84
9	113	.95	.95	.95
10	126	1.07	1.07	1.07
11	145	1.18	1.18	1.18
12	164	1.30	1.30	1.30
14	183	1.54	1.54	1.54
16	206	1.78	1.78	1.78
18	228	2.02	2.02	

Five Ply.

WIDTH. INCH.	W'T PER 100 FT. LBS.	EXTRA GRADE. PER FT.	AMHERST GRADE. PER FT.
6	93	$0.77	$0.77
8	128	1.05	1.05
10	154	1.33	1.33
12	195	1.62	1.62
14	225	1.92	1.92
16	260	2.22	2.22
18	282	2.52	2.52
20	318	2.82	2.82
22	350	3.15	3.15
24	380	3.50	3.50

Six Ply.

WIDTH INCH.	W'T PER 100 FT. LBS.	EXTRA GRADE. PER FT.	AMHERST GRADE. PER FT.
6	107	$0.93	$0.93
8	140	1.26	1.26
10	192	1.60	1.60
12	224	1.95	1.95
14	256	2.31	2.31
16	299	2.67	2.67
18	332	3.03	3.03
20	375	3.39	3.39
22	410	3.78	3.78
24	445	4.20	4.20

The Extra is made of 30 oz. duck and the best grade rubber friction.

Amherst is made of 28 oz. duck and a good medium grade of rubber friction. The Standard is a cheaper grade made from 24 oz. duck for light work only.

Weights given above are approximate of the Extra grade. The Amherst about 10%, the Standard about 20% less.

A FULL ROLL OF BELTING MEASURES FROM 400 TO 450 FEET.

WATER MOTOR.

9 ft., endless, 1 in. wide, of rubber and cloth webbing..... each $0.60

STITCHED CANVAS.

Four Ply, Painted, Chicago Brand.

Width.....	1½	2	2½	3	3½ in.
W't per 100 ft. .	15	19	23	29	34 lbs.
Per foot.	$0.15	.20	.25	.30	.35
Width.....	4	4½	5	6	7 in.
W't per 100 ft. .	40	43	46	59	70 lbs.
Per foot.	$0.40	.45	.50	.60	.70
Width.....	8	9	10	11	12 in.
W't per 100 ft. .	81	91	100	112	125 lbs.
Per foot.	$0.80	.90	1.00	1.10	1.20

Six Ply, Painted, Chicago Brand.

Width.....	3	4	5	6	in.
W't per 100 ft.	43	51	57	89	lbs.
Per foot.	$0.44	.58	.73	.87	
Width.....	7	8	9	10	12 in.
W't per 100 ft..	100	117	138	163	185 lbs.
Per foot.	$1.02	1.16	1.31	1.45	1.74
Width.....	14	16	18	in.	
W't per 100 ft.....	216	252	287	lbs.	
Per foot.	$2.16	2.44	2.74		

We can furnish this belting in rolls or cut pieces. Guaranteed equal to any canvas belting on the market.

A FULL ROLL OF BELTING MEASURES FROM 450 TO 500 FT.

ENDLESS STITCHED CANVAS THRESHER.

Four Ply, Chicago Brand.

Length.....	80	90	100	120 ft.
Width.....	6	6	6	6 in.
W't per belt.....	49	55	61	73 lbs.
Per foot.	$0.60	.60	.60	.60
Length.....	130	140	150	160 ft.
Width.....	6	6	6	6 in.
W't per belt.....	80	86	92	98 lbs.
Per foot.	$0.60	.60	.60	.60
Length.....	80	100	120	130 ft.
Width.....	7	7	7	7 in.
W't per belt.....	58	72	87	91 lbs.
Per foot.	$0.70	.70	.70	.70
Length.....	140	150	160 ft.	
Width.....	7	7	7 in.	
W't per belt.....	99	105	113 lbs.	
Per foot.	$0.70	.70	.70	
Length.....	80	100	120	130 ft.
Width.....	8	8	8	8 in.
W't per belt.....	65	81	97	105 lbs
Per foot.	$0.80	.80	.80	.80
Length.....	140	150	160 ft.	
Width.....	8	8	8 in.	
W't per belt.....	113	122	130 lbs	
Per foot.	$0.80	.80	.80	

Six Ply, Chicago Brand.

Length.....	150	160 ft.
Width.....	8	8 in.
W't per belt.....	175	187 lbs.
Per foot.	$1.16	1.16
Length.....	150	160 ft.
Width.....	9	9 in.
W't per belt.....	207	221 lbs.
Per foot.	$1.31	1.31

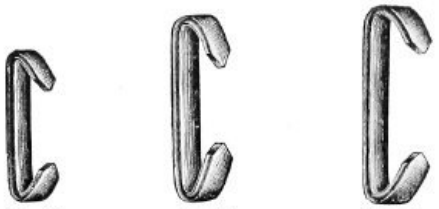
Guaranteed equal to any canvas belting on the market.

In making endless belts three feet is used in making the lap, consequently the actual length available is three feet less then the listed length.

BELT HOOKS, STUDS AND LACING.

BELT HOOKS.

Full Size Cuts.



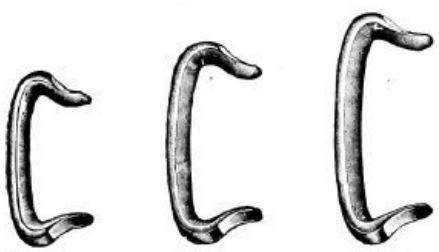
No. 10. No. 9. No. 8.

BROWN'S, Wrought Steel, Pointed and Polished.

Nos	10	9	8	
Length	1	1⅛	1⅜	in.
W't per 1000	4½	5¾	8	lbs.
Per 1,000	$3.50	4.00	5.00	

Nos	7	6	5	4	
Length	1½	1¾	2⅛	2½	in.
W't per 1000	11¼	14	21	25¾	lbs.
Per 1,000	$6.00	8.50	11.00	14.00	

NOS. 10 AND 9, THREE HUNDRED; NOS. 5 AND 4, ONE HUNDRED; BALANCE, TWO HUNDRED IN A BOX.



No. 10. No. 9. No. 8.

JONES', Best Quality Norway Iron, Beveled Points.

Nos	10	9	8	
Length	⅞	1	1¼	in.
W't per 1,000	4½	6	8	lbs.
Per 1,000	$3.50	4.00	5.00	

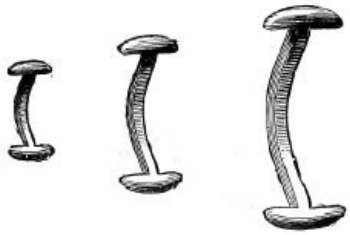
Nos	7	6	5	
Length	1½	1⅝	1¾	in.
W't per 1,000	10¾	13¾	16½	lbs.
Per 1,000	$6.00	8.50	11.00	

Nos	4	3	2	1	
Length	2	2⅛	2¼	2½	in.
W't per 1,000	20¾	25½	31	37¾	lbs.
Per 1,000	$14.00	16.00	20.00	30.00	

NO. 1, ONE HUNDRED; NOS. 2, 3 AND 4, TWO HUNDRED; NOS. 5, 6 AND 7, TWO HUNDRED FIFTY; BALANCE, FIVE HUNDRED IN A BOX.

BELT STUDS.

Full Size Cuts.



No. 4. No. 2. No. 0.

BLAKE'S Improved.

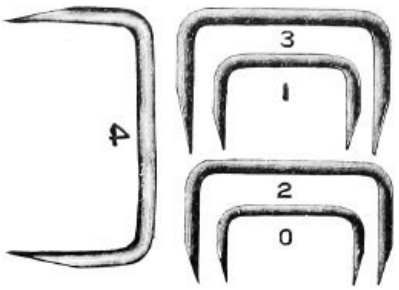
Nos	4	3	2	
W't per 1,000	2½	3	4	lbs.
Per 100	$0.80	.90	1.25	

Nos	1	0	00	
W't per 1,000	5¾	7½	10	lbs.
Per 100	$1.65	2.00	2.50	

ONE HUNDRED IN A BOX.

BELT FASTENERS.

Full Size Cuts.



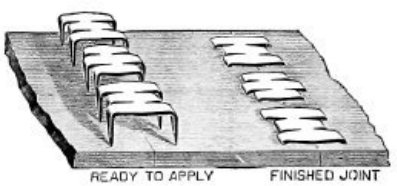
M. COVELL'S, Steel.

No. 0—For single leather and light rubber belts, w't per box ½ lb. . per thousand $1.50
No. 1—For belts less than 4 ply, w't per box ¾ lb. . . . . per thousand 1.50
No. 2—For belts from 4 to 6 ply, w't per box 1 lb. . . . . per thousand 1.50
No. 3—For belts from 6 to 10 ply, w't per box 1¼ lbs. . . . . per thousand 1.50
No. 4—For extra large belts, w't per box 1½ lbs. . . . . per thousand 1.50

Sharp pointed, can be driven into belt without first making a hole. There is a great demand for these.

TWO HUNDRED IN A BOX.

BELT LACING.



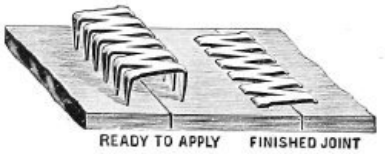
BRISTOL'S, Three Point.

No. 3100 —For 1/16 to 1/8 in. thick, split leather and lightest rubber and cotton belts, w't per box ⅛ lb. . . . . per box $0.40
No. 310 —For 1/8 to 5/32 in. thick, split leather and light rubber and cotton belts, w't per box ¼ lb. . . . . per box .50
No. 310½—For 5/32 to 3/16 in. thick, light single leather and two-ply rubber and cotton belts, w't per box ½ lb. per box .60
No. 311 —For 3/16 to ¼ in. thick, ordinary single leather and three ply rubber and cotton belts, w't per box ⅝ lbs., per box 70
No. 312 —For ¼ to 5/16 in. thick, extra heavy and wide single leather and four-ply rubber and cotton belts, w't per box 1¼ lbs. . . . . per box 1.10
No. 313 —For 5/16 to ⅜ in. thick, double leather and five ply rubber and cotton belts, w't per box 2 lbs. . . . . per box 1.70
No. 314 —For ⅜ to 7/16 in. thick, heavy double leather and six-ply rubber and cotton belts, w't per box 3¼ lbs., per box. 2.30
No. 315 —For 7/16 to 9/16 in. thick, extra heavy double leather and seven-ply rubber and cotton belts, w't per box 4¾ lbs. . . . . per box 3.50

A 3 point belt lacer means 3 points on one side.

FIFTY IN A BOX.

BELT LACING.

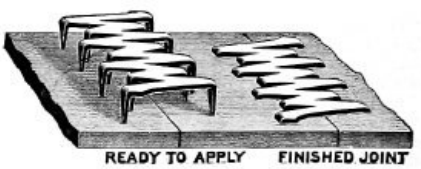


BRISTOL, Steel, Assorted Widths Three to Nine Points.

No. 0 —For 1/8 to 3/16 in. thick split leather and light belts, w't per box ⅝ lbs., per box $1.00
No. 01—For 3/16 to ¼ in. thick ordinary single leather belts, w't ber box 1 lb., per box 1.50
No. 02—For ¼ to 5/16 in. thick extra heavy and wide single leather belts, w't per box 1⅞ lbs. . . . . per box 2.00

A 3 to 9 point belt lacer means 3 to 9 points on a side.

ONE HUNDRED INCHES IN A BOX.



BRISTOL, Steel, Assorted Widths Three to Nine Points.

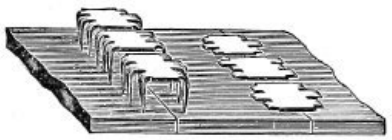
No. 1100 —For 1/16 to 1/8 in. thick, split leather and lightest rubber and cotton belts, w't per box ⅜ lbs. . . . . per box $0.90
No. 110 —For 1/8 to 5/32 in. thick, split leather and light rubber and cotton belts, w't per box ¾ lbs. . . . . per box 1.00
No. 110½—For 5/32 to 3/16 in. thick, light single leather and two-ply rubber and cotton belts, w't per box 1⅛ lbs., per box. 1.25
No. 111—For 3/16 to ¼ in. thick, ordinary single leather belts and three-ply rubber and cotton belts, w't per box 1½ lbs. . . . . per box 1.50
No. 112 —For ¼ to 5/16 in. thick, extra heavy and wide single leather and four-ply rubber and cotton belts, w't per box 2¼ lbs. . . . . per box 2.00
No. 113 —For 5/16 to ⅜ in. thick, double leather and five-ply rubber and cotton belts, w't per box 3¼ lbs. . . . per box 2.50
No. 114 —For ⅜ to 7/16 in. thick, heavy double leather and six-ply rubber and cotton belts, w't per box 4¾ lbs. per box. 3.00

A 3 to 9 point belt lacer means 3 to 9 points on a side.

ONE HUNDRED INCHES IN A BOX.

BELT LACING, LACE LEATHER, BELT DRESSING, ETC.

BELT LACING.



STAR, Steel.

No. 00S—For light leather, rubber or cotton belts, $\frac{3}{16}$ to $\frac{1}{4}$ in. thick, $\frac{3}{8}$ to 3 in. wide, w't per 100, $\frac{7}{16}$ lb...per 100 $0.80

No. 0S—For light leather, rubber or cotton belts, $\frac{1}{4}$ to $\frac{3}{16}$ in. thick, $\frac{1}{2}$ to 3 in. wide, w't per 100 $\frac{3}{8}$ lb.....per 100 1.00

No. 1—For single leather, 3 ply rubber or cotton belts, 1 to 5 in. wide, w't per 100 $\frac{3}{4}$ lb.....per 100 1.20

No. 2 —For heavy single or light double leather, 4 ply rubber or cotton belts, 1 to 8 in. wide, w't per 100 $1\frac{3}{8}$ lbs., per 100..... 2.00

No. 3 —For double leather, 4 to 6 ply rubber or cotton belts, 1 to 12 in. wide, w't per 100 $2\frac{1}{4}$ lbs.....per 100 3.40

No. 4 —For heavy double leather, 6 to 8 ply rubber or cotton belts, 1 in. wide and up, w't per 100 $3\frac{7}{8}$ lbs....per 100 5.00

No. 5 —For extra heavy double leather, 6 to 8 ply rubber or cotton belts, $1\frac{1}{2}$ in. wide and up, w't per 100, $6\frac{1}{2}$ lbs., per 100..... 9.00

No. 6 —For extra heavy double leather, rubber or cotton belts, from $\frac{1}{2}$ to $1\frac{1}{4}$ in. thick, $1\frac{1}{2}$ in. wide and up, w't per 100, $10\frac{1}{2}$ lbs.....per 100 12.00

The zigzag principle insures a strong and elastic joint and at the same time will run over the smallest pulley without strain on the belt where the teeth enter.

The eight sizes of the Star cover the entire range from the lightest belt $\frac{3}{8}$ in. wide to the widest heavy double belt, one size being sufficient for all belts of the same thickness.

It is quicker to apply. You can cut your belt and have it running in less time than it takes to punch holes for lacing.

NO. 00, TWO; BALANCE ONE HUNDRED IN A BOX.

"REV-O-NOC," Wire.

No. 20 REVONOC—For belts from 1 to $2\frac{1}{2}$ in., w't per box $\frac{1}{4}$ lb.....per box $0.36

No. 21 REVONOC—For single belts 5 in. and under w't per box $\frac{1}{4}$ lb.....per box .36

No. 22 REVONOC—For all single belts wider than 5 in., also for all double belts under 8 in., w't per box $\frac{3}{8}$ lbs. per box .36

No. 23 REVONOC—For all double belts above 8 in. in width, w't per box $\frac{1}{2}$ lb. per box .36

Is a genuine LX composition wire lacing of silver color. It possesses all the qualifications needed to make it in every respect adapted to the purpose. Its tensile strength being 2000 lbs. it will stand a far greater strain than is even estimated in the driving capacity of a belt.

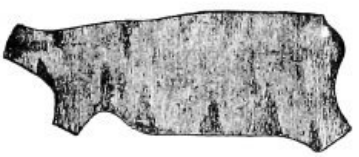
FIFTY FEET IN A BOX.

LACE LEATHER.

Cut Rawhide.

Width.....	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$ in.
W't per 100 ft.....	$\frac{3}{4}$	1	$1\frac{1}{4}$ lbs.
Per 100 ft.....$1.25		1.50	1.75
Width.....	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$ in.
W't per 100 ft.....	2	$2\frac{1}{2}$	$3\frac{1}{4}$ lbs.
Per 100 ft.....$2.25		3.00	3.75

ONE HUNDRED FEET IN A BUNDLE.



Rawhide Sides.

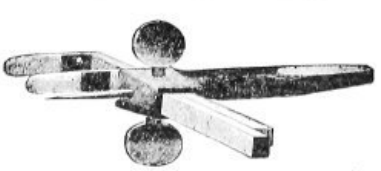
Extra Quality, average size 18 sq. ft. average w't per side 5 to 10 lbs., per square foot..... $0.30

LACE LEATHER CUTTERS.

No. 6—Japanned, adjustable knife to cut $\frac{3}{16}$ to $\frac{3}{4}$ in. wide and any thickness to $\frac{1}{8}$ in., w't per doz. 3 lbs....per dozen $7.50

ONE DOZEN IN A BOX.

WASHER CUTTERS.



No. 350—Extra quality, heavy, polished, with 2 thumb screws, w't per doz. 8 lbs.....per dozen $15.00

HALF DOZEN IN A BOX.

HOT BELT DRESSING.

"REV-O-NOC."

REVONOC—5 lb. Cans.....per pound $0.45

Is not sticky or gummy and dirt will not adhere to it, will preserve and keep the belt soft and pliable, maintaining long life, the most perfect dressing for belts known.

STICK BELT DRESSING.

"REV-O-NOC."

REVONOC—1 lb. Sticks.....per pound $0.50

Made from the grease which is extracted from sheep's wool before woven into cloth, only the pure animal grease is used as it is free from alkalies and acids.

Being in stick form, in a thin cardboard cone, held against the moving belt, the friction melts and spreads, the cardboard removes the dust and prevents the dressing from melting too fast. No waste; no time lost heating. Beneficial to the leather in that it restores the animal fat taken from the hide in the process of tanning.

ONE DOZEN IN A CASE.

BELT CEMENT.

"REV-O-NOC."

REVONOC—1 lb. Cans.....per pound $0.75

Is a new departure in this line owing to its great adhesive qualities, made from the finest gelatines procurable and so condensed that it takes twice the quantity of water to reduce to proper consistency for use. It makes a joint as soft and pliable as any part of the belt. It is quick in solution and will keep in any climate.

ONE DOZEN CANS IN A CASE.

PULLEY COVERING CEMENT.

"REV-O-NOC"

For Iron or Wood Pulleys.

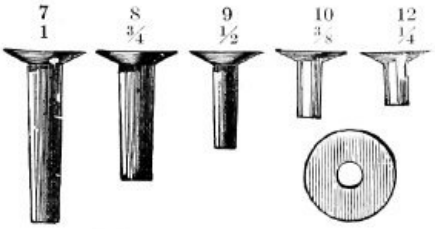
REVONOC—$1\frac{1}{2}$ lb. Cans.....each $2.25

Canvas will not come off, the only satisfactory way to cover a pulley, quick and easy to apply, sufficient to cover ten square feet of surface.

RIVETS AND BURS.

BELT RIVETS AND BURS.

Full Size Cuts.



Solid Copper, One Size in a Box.

	1 lb.	½ lb.
No. 7—Sizes, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼ and 1½ in.....per pound	$0.49	.52
No. 8—Sizes, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼ and 1½ in.....per pound	.50	.53
No. 9—Sizes, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼ and 1½ in.....per pound	.52	.55
No. 10—Sizes, ¼, ⅜, ½, ⅝, ¾, ⅞ and 1 in.....per pound	.54	.57
No. 12—Sizes, ¼, ⅜, ½, ⅝, ¾, ⅞, and 1 in.....per pound	.58	.61

ONE HUNDRED POUNDS IN A CASE.

Solid Copper, Assorted Sizes in a Box.

	1 lb.	½ lb.
No. 7—Sizes ⅜ to ¾ in., per pound	$0.52	.55
No. 8—Sizes ⅜ to ¾ in. "	.53	.56
No. 9—Sizes ⅜ to ¾ in. "	.55	.58
No. 10—Sizes ⅜ to ¾ in. "	.57	.60
No. 12—Sizes ⅜ to ¾ in. "	.61	.64

ONE HUNDRED POUNDS IN A CASE.

Solid Copper. Assorted Sizes in Cartons.

No. 80—Size 8, ¼ lb. boxes, assorted ⅜ to ¾ in., 12 boxes in a carton, per carton..... $1.74

No. 90—Size 9, ¼ lb. boxes, assorted ⅜ to ¾ in., 12 boxes in a carton, per carton..... 1.80

WE DO NOT BREAK CARTONS.

BELT OR HARNESS.

Coppered Iron, Assorted Lengths in a Box.

No. 03—Size 8, ½ lb. boxes, assorted ⅜ to ¾ in.....per dozen $1.45

No. 084—Size 8, ¼ lb. boxes, assorted ⅜ to ¾ in.....per dozen .82

No. 09—Size 9, ½ lb. boxes, assorted ⅜ to ¾ in.....per dozen 1.50

No. 094—Size 9, ¼ lb. boxes, assorted ⅜ to ¾ in.....per dozen .85

COPPER BURS ONLY.

No. 7.

Solid Copper, One Size in a Box.

Nos	7	8	9	10	12
Inside diam.	6/32	5/32	4/32	3/32	2/32 in.
In 1 lb. boxes, per lb.	$0.49	.50	.52	.54	.58

SLOTTED OR BIFURCATED CLINCH RIVETS.

Coppered Annealed Steel, Assorted Sizes in Cartons.

No. 5—Oval head, assorted 4/16 to 8/16 in., 100 in a paper box, 12 boxes in a carton, w't 23/4 lbs.....per carton $0.48

WE DO NOT BREAK CARTONS.

Coppered Annealed Steel, Assorted Sizes in Cartons.

No. 3—Oval head, assorted 4/16 to 8/16 in., 100 in a tin box, 12 boxes in a carton, w't 27/8 lbs.....per carton $0.60

WE DO NOT BREAK CARTONS.

Coppered Annealed Steel, 1000 of a Size in a Box.

Nos	603	604	605	606
Length	3/16	4/16	5/16	6/16 in.
Per thousand	$1.20	1.20	1.20	1.36
Nos	607	608	609	
Length	7/16	8/16	9/16 in.	
Per thousand	$1.36	1.36	1.52	
Nos	610	611	612	
Length	10/16	11/16	12/16 in.	
Per thousand	$1.52	1.68	1.68	

WE DO NOT BREAK BOXES.

TUBULAR RIVETS.

Assorted in Cartons.

No. 1—Japanned, assorted 3/16 to 1/2 in., 50 in a box, 12 boxes in a carton, w't 1 lb.....per carton $0.60

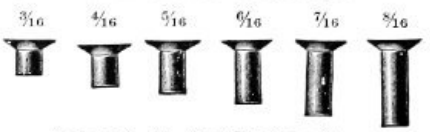
No. 2—Coppered, assorted 3/16 to 1/2 in., 50 in a box, 12 boxes in a carton, w't 1 lb.....per carton .60

No. 11—Japanned, assorted 3/16 to 1/2 in., 100 in a box, 12 boxes in a carton, w't 2 lbs.....per carton 1.06

No. 13—Coppered, assorted 3/16 to 1/2 in., 100 in a box, 12 boxes in a carton, w't 2 lbs.....per carton 1.06

WE DO NOT BREAK CARTONS.

TUBULAR RIVETS.



Japanned, 50 of a Size in a Box.
(Factory No. 1.)

Nos	103	104	105	106
Length	3/16	4/16	5/16	6/16 in.
Per carton	$1.10	1.10	1.10	1.20
Nos	107	103	109	
Length	7/16	8/16	9/16 in.	
Per carton	$1.30	1.40	1.50	
Nos	110	111	112	
Length	10/16	11/16	12/16 in.	
Per carton	$1.60	1.70	1.80	

ONE DOZEN BOXES IN A CARTON.
WE DO NOT BREAK CARTONS.

Japanned, 1000 of a Size in a Box.
(Factory No. 1.)

Nos	203	204	205
Length	3/16	4/16	5/16 in.
Per thousand	$1.50	1.50	1.50
Nos	206	207	208
Length	6/16	7/16	8/16 in.
Per thousand	$1.60	1.80	2.00
Nos	209	210	211
Length	9/16	10/16	11/16 in.
Per thousand	$2.10	2.30	2.50
Nos	212	213	
Length	12/16	13/16 in.	
Per thousand	$2.60	2.80	

WE DO NOT BREAK BOXES.

Coppered, 1000 of a Size in a Box.
(Factory No. 1.)

Nos	303	304	305
Length	3/16	4/16	5/16 in.
Per thousand	$1.50	1.50	1.50
Nos	306	307	308
Length	6/16	7/16	8/16 in.
Per thousand	$1.60	1.80	2.00
Nos	309	310	311
Length	9/16	10/16	11/16 in.
Per thousand	$2.10	2.30	2.50
Nos	312	313	
Length	12/16	13/16 in.	
Per thousand	$2.60	2.80	

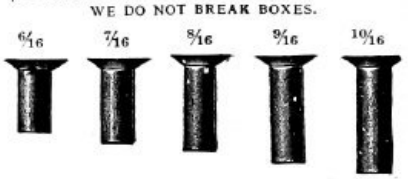
WE DO NOT BREAK BOXES.

1000 Assorted Sizes in a Box. (Factory No. 1.)

No. 325—Japanned, assorted 3/16 to 8/16 in., per thousand..... $1.70

No. 330—Coppered, assorted 3/16 to 8/16 in., per thousand..... 1.70

WE DO NOT BREAK BOXES.



Japanned, 1000 of a Size in a Box.
(Factory No. 3.)

Nos	404	405	406	407
Length	4/16	5/16	6/16	7/16 in.
Per thousand	$2.80	2.90	3.10	3.20
Nos	403	409	410	
Length	8/16	9/16	10/16 in.	
Per thousand	$3.40	3.60	3.70	

WE DO NOT BREAK BOXES.

Coppered, 1000 of a Size in a Box.
(Factory No. 3.)

Nos	504	505	506	507
Length	4/16	5/16	6/16	7/16 in.
Per thousand	$2.80	2.90	3.10	3.20
Nos	508	509	510	
Length	8/16	9/16	10/16 in.	
Per thousand	$3.40	3.60	3.70	

WE DO NOT BREAK BOXES.

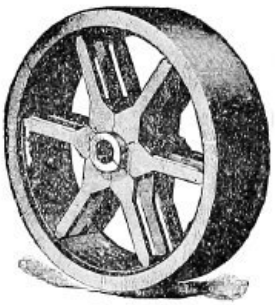
1000 Assorted Sizes in a Box. (Factory No. 3.)

No. 425—Japanned, assorted 3/16 to 8/16 in., per thousand..... $3.20

No. 430—Coppered, assorted 3/16 to 8/16 in., per thousand..... 3.20

WE DO NOT BREAK BOXES.

GILBERT WOOD SPLIT PULLEYS.

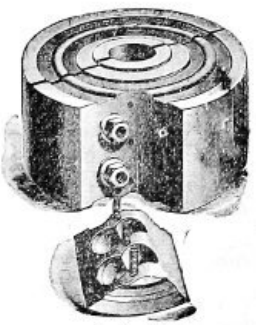


Style "B."

Style "B" Pulley—Made entirely of thoroughly seasoned maple and finished with two coats of shellac varnish. The rim is both nailed and glued.

Each spoke is securely dovetailed into and glued in the rim, and is set in a line running direct from the center of the shaft to the rim—thus affording its utmost support. Every pulley is perfectly balanced and cannot get out of round. They are furnished with the only bushing that gives a perfect bearing on the entire circumference of the shaft. By using different bushings, the same pulley may be made to fit different sizes of shafting. Made in sizes from 12 inches in diameter up. See next page how to order.

Style "C" Pulley—Made entirely of thoroughly seasoned maple and finished with two coats of shellac varnish. It is bolted together—the nuts on the clamping bolts being covered with sectional blocks which cannot get out of place. When putting the pulley on a shaft, all its parts are accessible from the face. By using different bushings, the same pulley may be made to fit different sizes of shafting. Made in sizes from 3 to 12 inches in diameter. See next page how to order.



Style "C."

STANDARD LIST OF STYLES "B" AND "C."

Width of Face, Inches.

Diam. Inches	3	4	5	6	8	10	12	14	16	18	20	22	24	Diam Inches
4	$2.80	$ 2.90	$ 3.10	$ 3.30	$ 3.70	$ 4.10	$ 4.50	.....	.....	.....	.....	.....	.....	4
5	2.85	2.95	3.20	3.40	3.85	4.30	4.75	.....	.....	.....	.....	.....	.....	5
6	2.90	3.00	3.25	3.50	4.00	4.50	5.00	.....	.....	.....	.....	.....	.....	6
7	2.95	3.05	3.35	3.60	4.15	4.70	5.25	$ 5.80	.....	.....	.....	.....	.....	7
8	3.00	3.10	3.40	3.70	4.30	4.90	5.50	6.10	.....	.....	.....	.....	.....	8
9	3.10	3.25	3.60	3.90	4.55	5.20	5.85	6.50	.....	.....	.....	.....	.....	9
10	3.25	3.40	3.75	4.10	4.80	5.50	6.20	6.90	$ 7.60	.....	.....	.....	.....	10
11	3.50	3.70	4.10	4.50	5.30	6.10	6.90	7.70	8.50	.....	.....	.....	.....	11
12	3.75	4.00	4.75	4.90	5.80	6.70	7.60	8.50	9.40	$10.30	.....	.....	.....	12
13	.....	4.30	4.80	5.30	6.30	7.30	8.30	9.30	10.30	11.30	.....	.....	.....	13
14	.....	4.60	5.15	5.70	6.80	7.90	9.00	10.10	11.20	12.30	$13.40	.....	.....	14
15	.....	4.90	5.50	6.10	7.30	8.50	9.70	10.90	12.10	13.30	14.50	.....	.....	15
16	.....	5.20	5.85	6.50	7.80	9.10	10.40	11.70	13.00	14.30	15.60	$16.90	.....	16
17	.....	5.50	6.20	6.90	8.30	9.70	11.10	12.50	13.90	15.30	16.70	18.10	.....	17
18	.....	5.80	6.55	7.30	8.80	10.30	11.80	13.30	14.80	16.30	17.80	19.30	$20.80..	18
19	.....	6.10	6.90	7.70	9.30	10.90	12.50	14.10	15.70	17.30	18.90	20.50	22.10	19
20	.....	6.40	7.25	8.10	9.80	11.50	13.20	14.90	16.60	18.30	20.00	21.70	23.40	20
22	.....	7.00	7.95	8.90	10.80	12.70	14.60	16.50	18.40	20.30	22.20	24.10	26.00	22
24	.....	7.70	8.80	9.90	12.10	14.30	16.50	18.70	20.90	23.10	25.30	27.50	29.70	24
26	.....	8.40	9.65	10.90	13.40	15.90	18.40	20.90	23.40	25.90	28.40	30.90	33.40	26
28	.....	9.10	10.50	11.90	14.70	17.50	20.30	23.10	25.90	28.70	31.50	34.30	37.10	28
30	.....	9.80	11.35	12.90	16.00	19.10	22.20	25.30	28.40	31.50	34.60	37.70	40.80	30
32	.....	10.50	12.20	13.90	17.30	20.70	24.10	27.50	30.90	34.30	37.70	41.10	44.50	32
34	.....	11.30	13.15	15.00	18.70	22.40	26.10	29.80	33.50	37.20	40.90	44.60	48.30	34
36	.....	12.10	14.10	16.10	20.10	24.10	28.10	32.10	36.10	40.10	44.10	48.10	52.10	36
38	.....	.....	.....	17.20	21.50	25.80	30.10	34.40	38.70	43.00	47.30	51.60	55.90	38
40	.....	.....	.....	18.30	22.90	27.50	32.10	36.70	41.30	45.90	50.50	55.10	59.70	40
42	.....	.....	.....	19.60	24.60	29.60	34.60	39.60	44.60	49.60	54.60	59.60	64.60	42
44	.....	.....	.....	20.90	26.30	31.70	37.10	42.50	47.90	53.30	58.70	64.10	69.50	44
46	.....	.....	.....	22.30	28.10	33.90	39.70	45.50	51.30	57.10	62.90	68.70	74.50	46
48	.....	.....	.....	23.80	30.00	36.20	42.40	48.60	54.80	61.00	67.20	73.40	79.60	48
50	.....	.....	.....	25.40	32.00	38.60	45.20	51.80	58.40	65.00	71.60	78.20	84.80	50
52	.....	.....	.....	27.10	34.10	41.10	48.10	55.10	62.10	69.10	76.10	83.10	90.10	52
54	.....	.....	.....	28.90	36.30	43.70	51.10	58.50	65.90	73.30	80.70	88.10	95.50	54
56	.....	.....	.....	30.80	38.60	46.40	54.20	62.00	69.80	77.60	85.40	93.20	101.00	56
58	.....	.....	.....	32.80	41.00	49.20	57.40	65.60	73.80	82.00	90.20	98.40	106.60	58
60	.....	.....	.....	34.90	43.50	52.10	60.70	69.30	77.90	86.50	95.10	103.70	112.30	60
62	.....	.....	.....	37.10	46.10	55.10	64.10	73.10	82.10	91.10	100.10	109.10	118.10	62
64	.....	.....	.....	39.40	48.80	58.20	67.60	77.00	86.40	95.80	105.20	114.60	124.00	64
66	.....	.....	.....	41.90	51.80	61.70	71.60	81.50	91.40	101.30	111.20	121.10	131.00	66
68	.....	.....	.....	44.50	54.90	65.30	75.70	86.10	96.50	106.90	117.30	127.70	138.10	68
70	.....	.....	.....	47.20	58.10	69.00	79.90	90.80	101.70	112.60	123.50	134.40	145.30	70
72	.....	.....	.....	50.00	61.40	72.80	84.20	95.60	107.00	118.40	129.80	141.20	152.60	72

It has been clearly demonstrated by practical experience that maple presents a better surface than any other wood adaptable for pulleys. It is very hard, close and fine grained. The face of a maple pulley in use soon takes a high polish, which gives more perfect contact to belt, thereby enabling it to transmit the same power with less tension.

Reducing the tension prolongs the life of the belt, and effects a great saving in power by reducing the friction of the journal and the strain on the shafting.

From the way in which they are constructed, Gilbert pulleys cannot get out of round, and must excel all other kinds of wooden pulleys in correctness of balance and trueness of running.

Wooden pulleys, being considerably lighter than iron pulleys, cause less friction of the journal and less strain on the shafting.

These pulleys meet with little atmospheric resistance, as the spokes are set to cut the air, not to fan it and collect dust, as the spokes of many other pulleys do. This makes a greater difference in the power required than is generally supposed.

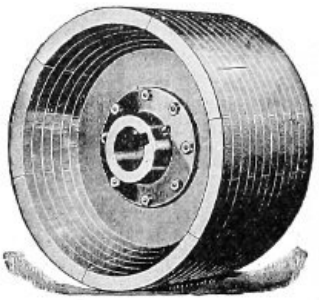
Can be put on or taken off the shaft very easily, simply and quickly. Will withstand a greater degree of heat or of moisture than other wooden pulleys, on account of the material of which they are made and the way in which they are built and finished.

Will also withstand more severe shocks and greater compression than any other pulleys.

They have the only perfect compression shaft fastening. The wood takes a tighter hold on the shaft than set screws do, but, unlike them, does not injure the shaft. On all the pulleys over 14 inches in diameter, plates are used instead of washers for the nuts on hub clamping bolts, thus distributing the compression over the entire length of the hub.

GILBERT WOOD SPLIT PULLEYS.

Style "A."



Style "D."

WE DO NOT LIST STYLES "A" AND "D" PULLEYS, BUT WILL MAIL PRICES AND INFORMATION ON APPLICATION. THESE ARE SHIPPED DIRECT FROM FACTORY.

HOW TO ORDER PULLEYS.

In ordering, please state:
1st, style; 2nd, diameter; 3rd, width of face; 4th, exact size of shaft; 5th, kind of face (crown or flat). **Unless otherwise specified,** crown face will be sent.

SPRING COTTERS.

Full Size Cuts.

Price List Adopted Jan. 1, 1906.

Size	3/32×3/4	3/32×1	1/8×1	1/8×1 1/4	1/8×1 1/2	3/16×1 1/4 in.
W't per 1,000	2	2 1/2	4	6	7	14 lbs.
Per 1,000	$4.15	4.80	6.70	7.55	8.40	14.50
Size	3/16×1 1/2	3/16×1 3/4	3/16×2	3/16×2 1/2	3/16×3	1/4×1 1/2 in.
W't per 1,000	15	16	20	22	24	20 lbs.
Per 1,000	$16.20	17.90	19.60	23.00	26.40	27.00
Size	1/4×1 3/4	1/4×2	1/4×2 1/2	1/4×3	5/16×2	5/16×2 1/2 in.
W't per 1,000	28	32	36	40	54	56 lbs.
Per 1,000	$30.50	34.00	41.00	48.00	52.50	62.50
Size		5/16×3	3/8×2	3/8×2 1/4	3/8×2 1/2	3/8×3 in.
W't per 1,000		66	77 1/2	82 1/2	90	100 lbs.
Per 1,000		$72.50	86.40	93.60	100.80	115.20
Size		3/8×3 1/2	1/2×3	1/2×3 1/2	5/8×3	5/8×3 1/2 in.
W't per 1,000		110	175	225	350	400 lbs.
Per 1,000		$129.60	208.50	238.50	384.00	424.00

No. 95—Assorted sizes, 100 in a box, w't 1 1/2 lbs ..... per box $2.00

Spring cotters are measured from under the eye to the point, the available length.

CHAIN.

JACK.

No. 8—W't per doz. yds. 6 lbs., IRON. BRASS.
per doz. yds. $0.95

No. 9—W't per doz. yds. 5 lbs.,
per doz. yds. $0.90

No. 10—W't per doz. yds. 4 lbs.,
per doz. yds. $0.80 3.50

No. 12—W't per doz. yds. 2½ lbs.,
per doz. yds. $0.44 2.05

No. 14—W't per doz. yds. 1½ lbs.,
per doz. yds. $0.40 1.35

No. 16—W't per doz. yds. 1 lb.,
per doz. yds. ..... $0.30 .86

No. 18—W't per doz. yds. ¾ lb.,
per doz. yds. ..... $0.28 .60

No. 20—W't per doz. yds. ½ lb.,
per doz. yds. $0.50

No. 16 Double—W't per doz. yds.
1¼ lbs. ..... per doz. yds. $0.38
ONE DOZEN YARDS IN A BOX.

SAFETY.

No. 00—W't per doz. yds. ½ lb., BRASS. NICKEL.
per doz. yds. $1.25 1.55

No. 0—W't per doz. yds. ¾ lb.,
per doz. yds. $1.50 1.80

No. 1—W't per doz. yds. 1¼ lbs.,
per doz. yds. $1.85 2.30

No. 2—W't per doz. yds. 1¾ lbs.,
per doz. yds. $2.30 2.75
ONE DOZEN YARDS IN A BOX.

COPPERED COIL.

No. 7—AMERICAN, w't per 100 ft. 4½ lbs.
per 100 feet $3.50
ONE HUNDRED FEET IN A BOX.

GALVANIZED COIL.

No. 1—ONEIDA, w't per 100 ft. 13 lbs.,
per 100 feet $4.00
Especially intended to be used on electric light poles, for arc lamp suspension, in place of wire cable, hemp or cotton cords. It is low in price and will last two or three times as long as any substitute now in use. This size will fit perfectly Bradley, Fletcher or Cutter poles.
1000 FEET ON A REEL.

AMERICAN BRIGHT COIL.

No. 00.

No. 1.

No. 3.

		PER 100 FEET
No. 000	W't per 100 ft. 17 lbs.	$5.25
No. 00	W't per 100 ft. 16½ lbs.	4.50
No. 0	W't per 100 ft. 12 lbs.	4.00
No. 1	W't per 100 ft. 11 lbs.	3.50
No. 2	W't per 100 ft. 9½ lbs.	3.10
No. 3	W't per 100 ft. 9 lbs.	2.90
No. 4	W't per 100 ft. 8 lbs.	2.75

100 FEET IN A BOX.

TRIUMPH BRIGHT COIL.

No. 00.

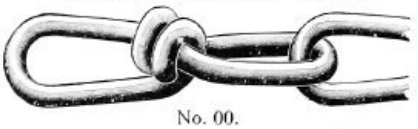
No. 1.

No. 3.

	WIRE GAUGE.	W'T PER 100 FEET.	PER 100 FEET.
No. 000	7	26 lbs.	$5.25
No. 00	8	20½ lbs.	4.50
No. 0	9	16½ lbs.	4.00
No. 1	10	12½ lbs.	3.50
No. 2	10½	10 lbs.	3.10
No. 3	12	8 lbs.	2.90
No. 4	13	6½ lbs.	2.75

This chain is made of steel wire B. & S. gauge.
100 FEET IN A PACKAGE.

TENSO BRIGHT COIL.



No. 00.

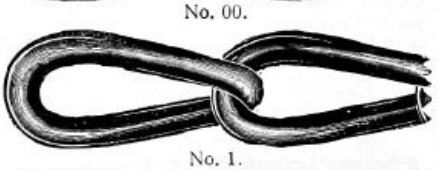
No. 0.

	WIRE GAUGE.	W'T PER 100 FEET.	PER 100 FEET
No. 000	7	20 lbs.	$5.25
No. 00	8	17 lbs.	4.50
No. 0	9	12½ lbs.	4.00
No. 2	10½	8 lbs.	3.10

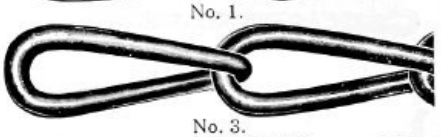
Made of steel wire B. & S. gauge.
100 FEET IN A PACKAGE.

GERMAN BRIGHT COIL.

No. 00.



No. 1.

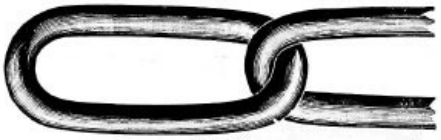


No. 3.

	WIRE GAUGE.	W'T PER 100 FEET.	PER 100 FEET
No. 000	5 (13-64 in.)	36 lbs.	$11.00
No. 00	6 (⅜ in. full)	29 lbs.	10.00
No. 0	7 (11-64 in. full)	21 lbs.	8.80
No. 1	8 (5-32 in. full)	19½ lbs.	7.80
No. 2	9 (9-64 in. full)	15 lbs.	7.20
No. 3	10 (9-64 in. scant)	10½ lbs.	6.80
No. 4	11 (⅛ in. scant)	8¾ lbs.	6.60
No. 5	12 (7-64 in. scant)	7 lbs.	6.50

Made of steel wire B. & S. gauge.
100 FEET IN A PACKAGE.

GERMAN STRAIGHT LINK BRIGHT COIL.



No. 00.

	WIRE GAUGE.	W'T PER 100 FEET.	PER 100 FEET.
No. 000	5 (13-64 in.)	30 lbs.	$11.00
No. 00	6 (⅜ in. full)	22 lbs.	10.00
No. 0	7 (11-64 in. full)	21 lbs.	8.80

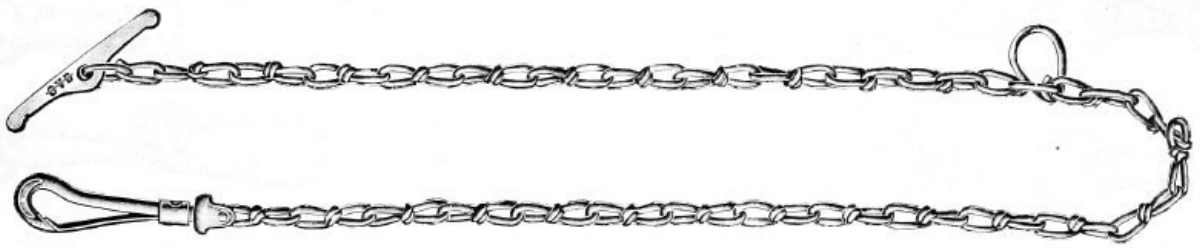
Made of steel wire B. & S. gauge.
100 FEET IN A PACKAGE.

MACHINE

No. 0—GERMAN, No. 7 wire, 19 link to the ft., w't per 100 ft. 29 lbs., per 100 ft. $12.50
No. 00—GERMAN, No. 6 wire, 18 links to the ft., w't per 100 ft. 33 lbs., per 100 ft. 13.00
No. 000—GERMAN, No. 5 wire, 19 links to the ft., w't per 100 ft. 40 lbs., per 100 ft. 15.00
This chain is used largely for the cross links on automobile skidder chains.

HALTER CHAINS.

CVB RUST-PROOF.



	CVB 4½ Feet. WIRE GAUGE.	W'T PER DOZ.	PER DOZEN.	CVB 6 Feet. WIRE GAUGE.	W'T PER DOZ.	PER DOZEN.
No. 000 CVB	9	12½ lbs.	$3.75	9	16¼ lbs.	$4.85
No. 00 CVB	10	10 lbs.	3.25	10	13½ lbs.	4.15
No. 0 CVB	11	8 lbs.	2.80	11	10½ lbs.	3.60
No. 1 CVB	12	6¼ lbs.	2.45	12	8 lbs.	3.25
No. 2 CVB	13	5¼ lbs.	2.20	13	6¾ lbs.	2.85
No. 3 CVB	14	4 lbs.	1.95	14	5¼ lbs.	2.65
No. 4 CVB	15	3¼ lbs.	1.85	15	4 lbs.	2.50
No. 5 CVB	16	3 lbs.	1.80	16	3¾ lbs.	2.35
No. 6 CVB	17	2¼ lbs.	1.75	17	2¾ lbs.	2.25

These chains are made from hard drawn basic steel wire so that the links are not only alike in appearance but alike in hardness, resulting in uniform strength and durability. They are absolutely rust-proof. The finish has much the appearance of pure aluminum. The rustless coating is put on by packing the chain in air tight cylinders where it is roasted for several hours, making the surface of the metal into a hard rust-proof alloy that cannot be scaled off.

AMERICAN BRIGHT.

	W'T PER DOZ.	4½ FT.	W'T PER DOZ.	6 FT.
No. 000	12 lbs.	$3.50	16 lbs.	$4.50
No. 00	11 lbs.	3.00	14 lbs.	3.85
No. 0	9 lbs.	2.65	11 lbs.	3.35
No. 1	7 lbs.	2.30	9 lbs.	3.00
No. 2	6½ lbs.	2.05	8 lbs.	2.70
No. 3	6 lbs.	1.85	7½ lbs.	2.50
No. 4	5 lbs.	1.75	6½ lbs.	2.35
No. 5	4 lbs.	1.70	5 lbs.	2.25
No. 6	3½ lbs.	1.65	4 lbs.	2.15

NOS. 000 TO 0, HALF DOZEN; BALANCE, ONE DOZEN IN A BOX.

BROWN BRIGHT.

	WIRE GAUGE.	W'T PER DOZ.	4½ FT.	W'T PER DOZ.	6 FT.
No. 000	7	16 lbs.	$3.50	21 lbs.	$4.50
No. 00	8	13 lbs.	3.00	17 lbs.	3.85
No. 0	9	10 lbs.	2.65	13 lbs.	3.35
No. 1	10	8 lbs.	2.30	10½ lbs.	3.00
No. 2	10½	6½ lbs.	2.05	8 lbs.	2.70
No. 3	12	5 lbs.	1.85	6½ lbs.	2.50
No. 4	13	4 lbs.	1.75	5 lbs.	2.35
No. 5	14	3½ lbs.	1.70	4½ lbs.	2.25
No. 6	15	2½ lbs.	1.65	3¼ lbs.	2.15

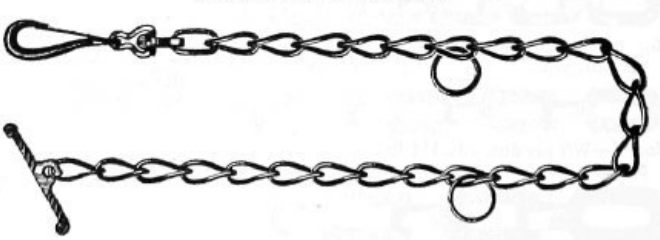
NOS. 000 TO 0, HALF DOZEN; BALANCE, ONE DOZEN IN A PACKAGE.

TRIUMPH BRIGHT.

	WIRE GAUGE.	W'T PER DOZ.	4½ FT.	W'T PER DOZ.	6 FT.
No. 000	7	16 lbs.	$3.50	21 lbs.	$4.50
No. 00	8	13 lbs.	3.00	17 lbs.	3.85
No. 0	9	10 lbs.	2.65	13 lbs.	3.35
No. 1	10	8 lbs.	2.30	10½ lbs.	3.00
No. 2	10½	6½ lbs.	2.05	8 lbs.	2.70
No. 3	12	5 lbs.	1.85	6½ lbs.	2.50
No. 4	13	4 lbs.	1.75	5 lbs.	2.35
No. 5	14	3½ lbs.	1.70	4½ lbs.	2.25
No. 6	15	2½ lbs.	1.65	3¼ lbs.	2.15

NOS. 000 TO 0, HALF DOZEN; BALANCE, ONE DOZEN IN A BOX.

GERMAN BRIGHT.

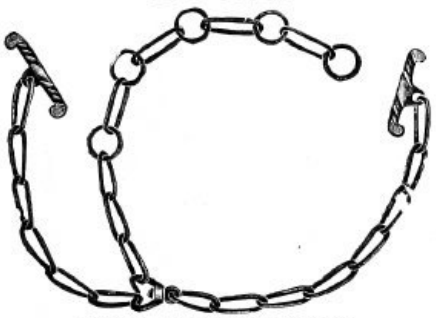


	WIRE GAUGE.	W'T PER DOZ.	4½ FT.	W'T PER DOZ.	6 FT.
No. 000	5 (13/64 in.)	21 lbs.	$7.80	29 lbs.	$9.80
No. 00	6 (7/16 in. full)	18 lbs.	6.80	22 lbs.	8.60
No. 0	7 (11/64 in. full)	16 lbs.	5.80	19 lbs.	7.40
No. 1	8 (3/32 in. full)	12 lbs.	5.00	16 lbs.	6.80
No. 2	9 (9/64 in. full)	8 lbs.	4.70	13 lbs.	6.20
No. 3	10 (3/64 in. scant)	6½ lbs.	4.50	10 lbs.	5.80
No. 4	11 (1/8 in. scant)	6 lbs.	4.30	8 lbs.	5.70
No. 6	13 (5/32 in. full)	5½ lbs.	4.20	7 lbs.	5.60

NOS. 000 TO 0, HALF DOZEN; BALANCE, ONE DOZEN IN A PACKAGE.

COW TIES, TIE-OUT CHAINS AND CATTLE STANCHIONS.

COW TIES.

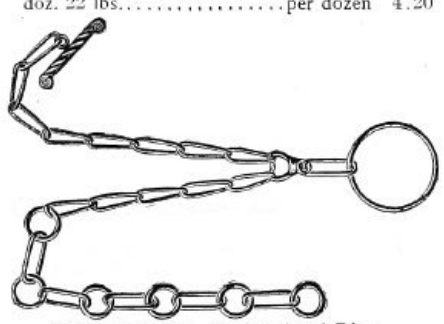


German Pattern, Two Toggles.

No. 102— 00, entire length 4½ ft., manger end 18 in., No. 6 wire gauge, w't per doz. 19 lbs.....per dozen $3.70
No. 103—000, entire length 4½ ft., manger end 18 in., No. 5 wire gauge, w't per doz. 22 lbs.....per dozen 3.90
No. 112— 00, entire length 5 ft., manger end 22 in., No. 6 wire gauge, w't per doz. 22 lbs.....per dozen 3.90
No. 113—000, entire length 5 ft., manger end 22 in., No. 5 wire gauge, w't per doz. 24 lbs.....per dozen 4.10
No. 114—0000, entire length 5 ft., manger end 22 in., No. 4 wire gauge, w't per doz. 26 lbs.....per dozen 4.40

German Pattern, Toggle and Snap.

No. 122— 00, entire length 4½ ft., manger end 18 in., No. 6 wire gauge, w't per doz. 19 lbs.....per dozen $3.95
No. 123—000, entire length 4½ ft., manger end 18 in., No. 5 wire gauge, w't per doz. 22 lbs.....per dozen 4.20



German Pattern, Large Closed Ring.

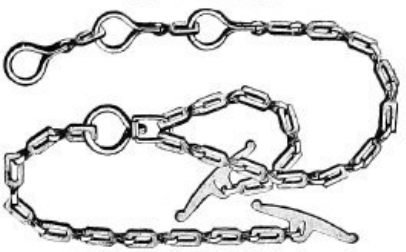
No. 142— 00, entire length 4 ft., 5 in. ring, w't per doz. 22 lbs.....per dozen $4.10
No. 143—000, entire length 4 ft., 5 in. ring, w't per doz. 23 lbs.....per dozen 4.20

Tenso, Ohio Pattern, Two Toggles.

No. 301—0, entire length 4½ ft., manger end 18 in., w't per doz. 11 lbs., per dozen..... $3.00
No. 302— 00, entire length 5 ft., manger end 18½ in., w't per doz. 14 lbs., per dozen..... 3.25
No. 303— 000, entire length 5 ft., manger end 20 in., w't per doz. 18½ lbs., per dozen..... 3.75
No. 304—0000, entire length 5 ft., manger end 20 in., w't per doz. 20 lbs., per dozen..... 4.50

HALF DOZEN IN A BOX.

COW TIES.



American, Two Toggles, Length 4½ Feet, Manger End 18 Inches.

Nos	201	202	203	204
Size	0	00	000	0000
W't per doz.	14	15	16	18 lbs.
Per dozen	$3.00	3.25	3.75	4.50

American, Toggle and Snap, Length 4½ Feet, Manger End 18 Inches.

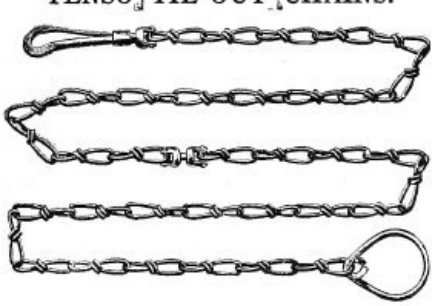
Nos	222	223	224
Size	00	000	0000
W't per doz.	15	16	18 lbs.
Per dozen	$3.50	4.00	4.75

American, Large Closed Ring.

No. 242— 00, entire length 4 ft., 4 in. ring, w't per doz. 16½lbs..per dozen $3.50
No. 243—000, entire length 4 ft., 4 in. ring, w't per doz. 17½ lbs..per dozen 4.00

HALF DOZEN IN A BOX.

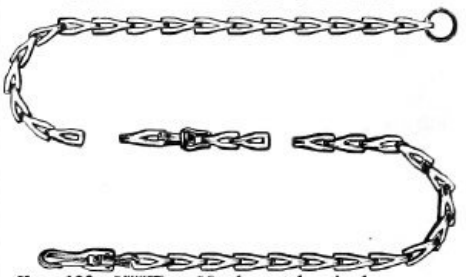
TENSO TIE-OUT CHAINS.



No. 1—20 ft., with stake ring, snap and 1 swivel, w't per doz. 26 lbs...per dozen $18.00
No. 0—30 ft., with stake ring, snap and 2 swivels, w't per doz. 48 lbs., per dozen 30.00
No. 00—20 ft., with stake ring, snap and 1 swivel, w't per doz. 42 lbs., per dozen 24.00
No. 00—30 ft., with stake ring, snap and 2 swivels, w't per doz. 64 lbs., per dozen 36.00

HALF DOZEN IN A PACKAGE.

REVONOC TIE-OUT CHAINS

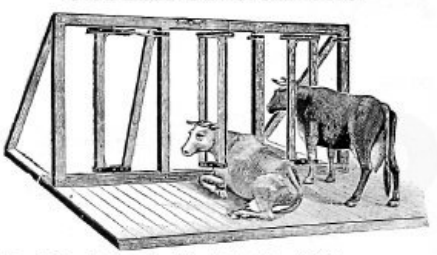


No. 130 REVONOC—30 ft., galvanized, with stake ring, snap and swivel, w't per doz. 51 lbs.....per dozen $16.50

These chains are very heavily dipped galvanized, "not plated."

No. 20—AJAX, 20 ft., polished, with stake, ring, snap and swivel, w't per doz. 30 lbs.....per dozen 9.10
No. 30—AJAX, 30 ft., polished, with stake ring, snap and swivel, w't per doz. 54 lbs.....per dozen 14.50

CATTLE STANCHIONS.



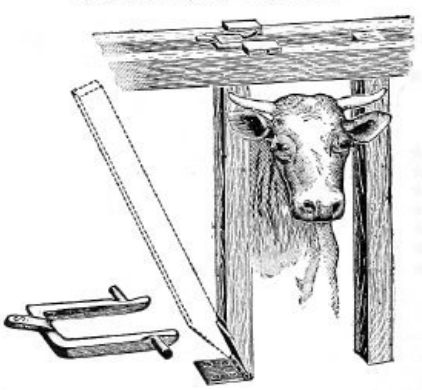
No. 500—Swing, height 4 ft. 4 in., 6½ in. neck space, high carbon angle steel top and bottom cross-pieces, hardwood uprights, steel parts securely bolted to uprights and held in position by malleable iron castings, with latch automatic in operation.....per dozen $25.00

The latch is automatic in operation. It is only necessary to push the right-hand upright into a perpendicular position, when the lock will fall immediately into locking position and the stanchion cannot be unlocked in any way except by the operator.

This swing stanchion not only locks itself shut but it also locks itself open, no springs being used in either case. The stanchion being open to allow the animals to leave the stalls, remains locked open so that they can re-enter, and the stanchion cannot swing until the animal is again locked in it.

HALF DOZEN IN A CRATE; W'T PER CRATE, 120 LBS.

STANCHION IRONS.

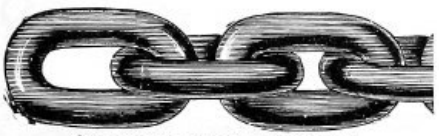


Iron. Showing Iron in Use.

No. 1—One-piece cast iron, w't per hundred 83 lbs.....per hundred $10.00

CHAIN AND LOAD BINDERS.

CABLE COIL CHAIN.



Common or Proof, Self-Colored.

DIAMETER.	PROOF TEST.	AVERAGE W'T PER 100 FT.	PER 100 LBS.
3/16 in.	700 lbs.	50 lbs.	$19.00
1/4 in.	1,200 lbs.	75 lbs.	14.00
5/16 in.	2,500 lbs.	110 lbs.	10.50
3/8 in.	3,500 lbs.	155 lbs.	9.50
7/16 in.	4,800 lbs.	200 lbs.	9.00
1/2 in.	6,200 lbs.	265 lbs.	8.50
5/8 in.	9,600 lbs.	420 lbs.	8.25
3/4 in.	13,800 lbs.	590 lbs.	8.00
★ 7/8 in.	18,800 lbs.	800 lbs.	7.75
★ 1 in.	24,600 lbs.	1,000 lbs.	7.50
★1 1/4 in.	36,500 lbs.	1,500 lbs.	7.50

This grade is made of first-class iron, and is welded by experienced workmen. It is a good merchantable chain for general use.

"BB," Dollied, Self-Colored.

DIAMETER.	PROOF TEST.	AVERAGE W'T PER 100 FT.	PER 100 LBS.
★ 3/16 in.	800 lbs.	51 lbs.	$21.50
1/4 in.	1,400 lbs.	76 lbs.	16.50
5/16 in.	3,000 lbs.	121 lbs.	13.00
3/8 in.	4,000 lbs.	156 lbs.	12.00
★ 7/16 in.	5,500 lbs.	200 lbs.	11.50
★ 1/2 in.	7,000 lbs.	265 lbs.	11.00
★ 5/8 in.	10,750 lbs.	420 lbs.	10.75
★ 3/4 in.	15,500 lbs.	590 lbs.	10.50
★ 7/8 in.	21,000 lbs.	840 lbs.	10.25
★ 1 in.	27,300 lbs.	1,050 lbs.	10.00
★1 1/8 in.	32,500 lbs.	1,365 lbs.	10.00

Tested and certificate furnished. This chain is made of extra quality iron, which will stand a tensile strain of 52,200 lbs. to the square inch. It is welded with extra care and dollied to make welds smooth.

"BBB," Crane Dollied and Black.

DIAMETER.	PROOF TEST.	AVERAGE W'T PER 100 FT.	PER 100 LBS.
★ 3/16 in.	950 lbs.	56 lbs.	$22.50
1/4 in.	1,600 lbs.	82 lbs.	17.50
5/16 in.	3,350 lbs.	130 lbs.	14.00
3/8 in.	4,500 lbs.	168 lbs.	13.00
★ 7/16 in.	6,300 lbs.	216 lbs.	12.50
★ 1/2 in.	8,000 lbs.	285 lbs.	12.00
★ 5/8 in.	12,500 lbs.	453 lbs.	11.75
★ 3/4 in.	17,750 lbs.	637 lbs.	11.50
★ 7/8 in.	24,000 lbs.	910 lbs.	11.25
★ 1 in.	31,350 lbs.	1,134 lbs.	11.00
★1 1/8 in.	37,500 lbs.	1,484 lbs.	11.00

Tested and certificate furnished. This chain is made of refined and rerolled iron, that is very tough and fibrous, and will stand a tensile strain of 53,800 lbs. to the square inch. Welded with special care and dollied. This chain may be depended upon where strength and durability are required.

CABLE COIL CHAIN.

Special Steel Loading.

DIAMETER, EXACT	PROOF TEST.	AVERAGE W'T PER 100 FT.	PER 100 LBS.
9/32 in.	1,750 lbs.	80 lbs.	$33.00
5/16 in.	2,125 lbs.	100 lbs.	27.00
11/32 in.	3,500 lbs.	129 lbs.	25.00

"Dredge," Dollied and Blacked.

DIAMETER.	PROOF TEST.	AVERAGE W'T PER 100 FT.	PER 100 LBS.
★ 1/2 in.	9,000 lbs.	225 lbs.	$22.00
★ 5/8 in.	13,500 lbs.	453 lbs.	20.00
★ 3/4 in.	18,500 lbs.	637 lbs.	20.00
★ 7/8 in.	25,000 lbs.	910 lbs.	20.00
★ 1 in.	32,850 lbs.	1,134 lbs.	20.00
★1 1/8 in.	39,500 lbs.	1,494 lbs.	18.00

Tested, and certificate furnished. This is the best chain made, the iron used in special or dredge quality is refined and rerolled. It is tough and fibrous, made hard to prevent wearing rapidly. This iron will stand a tensile strain of 54,500 lbs. to the square inch. The welding of special or dredge quality chain is entrusted only to the most experienced workmen. It is carefully inspected, both before and after testing. The tensile or breaking strain is about double the proof strain; safe working load half the proof tests.

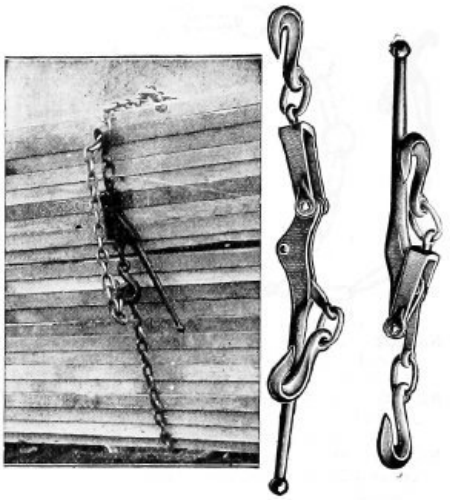
Genuine Imported Swedish Iron.

DIAMETER.	PROOF TEST.	AVERAGE W'T PER 100 FT.	PER 100 LBS.
1/4 in.	1,500 lbs.	80 lbs.	$20.00
5/16 in.	3,200 lbs.	125 lbs.	17.00

PASSING LINK.

No. 95—7/32 in. steel, inside measures 1/2 × 1 1/16 in., w't per 100 ft. 46 lbs., per 100 ft. $15.00

LOAD BINDERS.



Goodyear's, malleable iron, length 33 in. when open, 21 inches when closed, handle 1 5/8 in. tapering to 5/8 in., two 1/2 in. grab hooks, w't 21 lbs. ..per pair $4.00

Patent Load Binders are made of malleable iron and are used to bind loads of logs, lumber, pipe, poles, hay, straw. Almost anything can be securely fastened with this handy device.

WELL CHAINS.

No. 1—24 in., with hook and ring, w't per doz. 20 lbs. ..... per dozen $1.30

No. 2—24 in., with *swivel*, hook and ring, w't per doz. 24 lbs. ..... per dozen $1.60

CABLE LOG CHAINS.

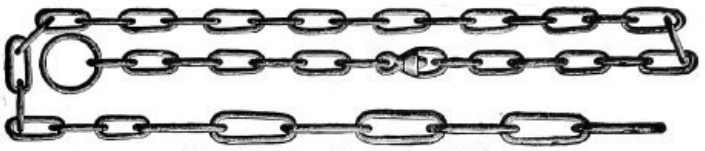
Self-Colored, Wrought Swivel, Round and Grab Hooks.

Length	10	12	14	16 ft.
W't per doz.		116	134 lbs.	
1/4 in. ..... per dozen		$17.50	20.00	
W't per doz.	149	170	197	223 lbs.
5/16 in. ..... per dozen	$16.50	18.75	21.75	24.50
W't per doz.	197	243	273	315 lbs.
3/8 in. ..... per dozen	$19.75	24.25	27.50	31.50
W't per doz.			486 lbs.	
1/2 in. ..... per dozen			$41.75	

★*FOR FACTORY SHIPMENT ONLY.*

CHAINS.

TRACE.



Straight Link, with Ring and Swivel.

Nos.	1	2	3	4	4½	05	5	6	7	8
Size.	6½-6-2	6½-8-2	6½-8-3	6½-10-2	7-8-1	7-8-2	7-10-2	7-10-1	7-10-0	7-8-0
Diameter	¼	¼	7/32	¼	9/32	¼	¼	9/32	5/16	5/16 in.
W't per pair	5½	6	4¾	6	8	6	5	8	10¾	10 lbs.
Per pair	$0.75	.85	.83	1.00	1.17	1.00	1.17	1.31	1.60	1.50

Twist Link, with Ring and Swivel.

Nos.	13	14	14½	15	16
Size.	6½-8-3	6½-10-2	7-8-1	7-10-2	7-10-1
Diameter	7/32	¼	9/32	¼	9/32 in.
W't per pair	5	6	9	7	9¾ lbs.
Per pair	$0.89	1.06	1.25	1.23	1.37

Straight Link, with Hook and Swivel.

No. 24—Size 6½-10-2, diameter ¼ in., w't per pr. 7¾ lbs. ..... per pair $1.06

Mexican Twist Hook.

No. 25—Size 6½-6-3, diameter 7/32 in., w't per pr. 4½ lbs. ..... per pair $0.85

The figures used above designate in a condensed manner the size and length; thus 6½-10-2 is understood to mean 6½ ft. long, 10 links to the foot, No. 2 the wire gauge. Our chains are Western Standard and contain one less link per foot than indicated; thus an 8 link chain has but 7 links per foot. The links on the end are always a trifle longer than in the center.

Electric Welded, Straight Link with Ring, ¼ Inch High Grade Drawn Wire.

No. 104—6½ ft., 10 short links per foot, 8 end-links 2½ in. long, w't per pr. 6½ lbs., per pair $1.25
No. 105—7 ft., 10 short links per foot, 8 end-links 2½ in. long, w't per pr. 7 lbs. " 1.45

These chains are made from ¼ in. exact size high grade drawn steel wire. The short links are 1¼ in. long inside. There are eight end links 2½ in. long. Every chain is tested to 1000 lbs. or 2000 lbs. to the pair.

The chains are guaranteed against defects in material or welds. Defective chains will be replaced or money refunded.

These traces are stronger than No. 1—9/32 or No. 0—5/16 hand welded traces, so that a dealer can cut down his stock and carry but one size, as that will fill all requirements.

HALF TRACE OR BUTT.

Western Standard, Bright, Straight Link with Ring and Malleable Swivel.

No. 44—30 in., 10 links per foot, No. 2 wire gauge, diameter ¼ in., w't per doz. prs. 34 lbs., per dozen pairs $5.75
No. 46—30 in., 10 links per foot, No. 1 wire gauge, diameter 9/32 in., w't per doz. prs. 40 lbs., per dozen pairs 6.50

Western Standard, Bright, Straight Link with Hook and Malleable Swivel.

No. 144—30 in., 10 links per foot, No. 2 wire gauge, diameter ¼ in., w't per doz. prs. 34 lbs., per dozen pairs 6.25
No. 146—30 in., 10 links per foot, No. 1 wire gauge, diameter 9/32 in., w't per doz. prs. 40 lbs., per dozen pairs 7.00

The number of links to the foot and size of wire gauge correspond with the same number of full length trace chains given above.

WAGON STAY.

No. 14—¼ in., black, with hook, length 27 in., w't per doz. prs. 40 lbs. ..... per dozen pairs $4.00
No. 15—5/16 in., black, with hook, length 27 in., w't per doz. prs. 54 lbs. ..... " " 4.50
No. 16—⅜ in., black, with hook, length 30 in., w't per doz. prs. 76 lbs. ..... " " 6.50

STRETCHER.

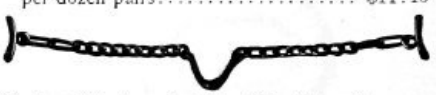
No. 25—5/16 in., bright, with safety hooks, length 5 ft., w't per doz. 81 lbs. ..... per dozen $9.00
No. 26—⅜ in., bright, with safety hooks, length 5 ft., w't per doz. 110 lbs. ..... " 10.50

BREAST.

No. 1—26 in. long, bright, without slide, w't per doz. prs. 31 lbs., per dozen pairs $5.40

No. 3—30 in. long, bright, with covert tinned snaps, w't per doz. prs. 32 lbs., per dozen pairs $9.00
No. 70—44 in. long, 9/32 in. galvanized, extra heavy covert snaps on each end, w't per doz. prs. 66 lbs., per dozen pairs. 15.00

No. 2—26 in. long, bright, doubleslack, without slide, w't per doz. prs. 50 lbs., per dozen pairs $11.40



No. 4—26 in. long, bright, with slide, w't per doz. prs. 44 lbs. ....per dozen pairs $6.00

Tapering chain, large links in center and tapering gradually toward either end.

Covert's XC Plate.

Nos.	208H	250H	251H
Length	36	40	44 in.
W't per doz. prs.	51	56	60 lbs.
Per dozen pairs	$17.30	19.00	20.70

ONE-QUARTER DOZEN PAIRS IN A BOX.

Covert's XC Plate, with Slide Snaps.

Nos.	218H	220H	217H
Length, including center snap	28	32	40 in.
Size of wire	5/16	5/16	5/16 in.
W't per doz. prs.	54	60	72 lbs.
Per dozen pairs	$19.20	21.60	26.40

Can be adjusted to any length by taking up links and dropping one or more, as shown in cut.

ONE-SIXTH DOZEN PAIRS IN A BOX.

CHAIN REPAIRS AND WRENCHES.

REPAIR LINKS.

Wrought Iron, Polished.

3-16×1 1-8 in., for No. 3 trace chain, w't per gro. 7½ lbs.....per gross $1.30
1-4×1 1-4 in., for No. 2 trace chain, w't per gro. 9 lbs.....per gross 1.50
1-4×3 in., for No. 2 trace chain, w't per gro. 15 lbs.....per gross 2.30
5-16×1 1-2 in., for Nos. 1 and 0 trace chains, w't per gro. 12 lbs....per gross 2.00
3-8×1 1-2 in., w't per gro. 23 lbs. " 2.75
3-8×2 1-2 in., w't per gro. 36 lbs. " 3.75
7-16×2 1-2 in., w't per gro. 48 lbs. " 4.75
1-2×2 1-2 in., w't per gro. 60 lbs. " 6.00

1/4 TO 5/16 IN., HALF GROSS; 3/8×1½ IN., ONE-QUARTER GROSS IN A BOX; BALANCE LOOSE.

Acme Drop Forged.

Inch	1-4	5-16	3-8	1-2
W't per gro.	7	12	19	40 lbs.
Per gross.	$12.00	13.20	14.40	16.80

These links are made from a fine grade of forging steel, drop forged solid without weld. Made to equal the strain of chain of the same size.

ONE DOZEN IN A BOX.

Malleable Iron, Extra Heavy.

No. 2530—Inch	5-16	3-8	1-2
W't per doz.	24	36	87 lbs.
Per gross.	$7.20	9.60	19.20

S. HOOKS.

Wrought Iron, Polished.

No. 10—Inches.	1½	2	2½	3 Round
Diameter.	7/16	1/2	1/4	5/16 in.
W't per gro.	3¾	7¼	9½	17 lbs.
Per gross.	$6.00	7.25	9.50	11.50

The length given is outside measurement.

ONE GROSS IN A BOX.

COLD SHUTS.

Polished Steel.

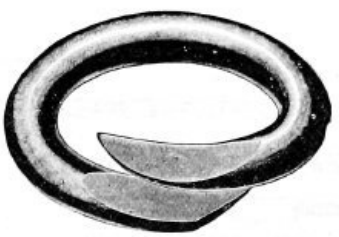
No. 20—Inch.	1-4	5-16	3-8	7-16	1-2
W't per gro.	11	14½	26	36	50 lbs.
Per gross.	$4.25	5.00	6.00	7.00	8.25

OPEN RINGS.

Wrought Iron, Polished.

No. 25—3/8×2½ in., w't per gro. 42 lbs., per gross..... $4.50
No. 30—½×3 in., w't per gro. 96 lbs., per gross..... 8.00

OVAL RINGS.



Wrought Iron, Self Colored.

No. 35—½×2½ in., w't per gro. 100 lbs., per gross..... $ 7.00
No. 40—5/8×2½ in., w't per gro. 100 lbs., per gross..... 11.00

CHAIN HOOKS.

Round, Best Quality Soft Steel, Hand Made.

For Chain	1-4	5-16	3-8 in.
W't per gro.	43	84	144 lbs.
Per gross.	$25.00	26.00	29.00
For Chain	**7-16**		**1-2 in.**
W't per gro.	180		216 lbs.
Per gross.	$36.00		38.00

Grab, Best Quality Soft Steel, Hand Made.

For Chain	1-4	5-16	3-8 in.
W't per gro.	43	84	144 lbs.
Per gross.	$25.00	26.00	29.00
For Chain	**7-16**		**1-2 in.**
W't per gro.	180		216 lbs.
Per gross.	$36.00		38.00

The eyes are punched with a hot chisel, thus preserving all the metal and giving the full strength, which is not possible in a cold punched hook, where the metal punched out is lost.

ROUND CHAIN HOOKS are designed to allow the chain to run through the eye as in the loop of a lariat, and permits the chain to be drawn taut. GRAB HOOKS catch the chain between the links to shorten it or to join two chains together.

MALLEABLE "S" WRENCHES.

Ribbed Pattern.

No. 70—Openings 3/8 and ½ in., length 6 in., w't per doz. 3½ lbs.....per dozen $0.35
No. 71—Openings, ½ and 5/8 in., length 6¾ in., w't per doz. 4½ lbs...per dozen .45
No. 72—Openings 5/8 and ¾ in., length 7⅜ in., w't per doz. 6½ lbs..per dozen .65
No. 73—Openings ¾ and 7/8 in., length 8½ in., w't per doz. 8½ lbs...per dozen .85

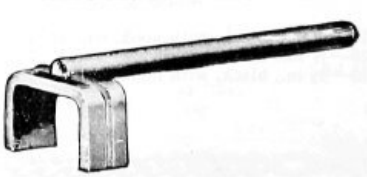
No. 75—Harvesters, 7¼ in., for 3/8 to 1 in. nuts, w't per doz. 9 lbs.....per dozen $0.70

No. 31—8 in., for 3/8 to 1 in. nuts, w't per doz. 9 lbs.....per dozen $1.25
No. 32—12 in., for ½ to 1¼ in. nuts, w't per doz. 15 lbs.....per dozen 2.25

Buggy.

No. 33—7/8 in., w't per doz. 7 lbs., per dozen..... $0.90
No. 34—1 in., w't per doz. 7½ lbs., per dozen..... 1.00
No. 35—1⅛ in., w't per doz. 8 lbs., per dozen..... 1.10
No. 36—1¼ in., w't per doz. 9½ lbs., per dozen..... 1.25

WAGON WRENCHES.

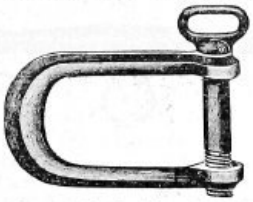


Wrought Steel.

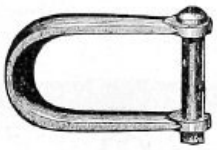
Nos.	60	61	62
Opening.	2⅛	2½	2¾ in.
Shanks.	5/8	5/8	5/8 in.
W't per doz.	18	18	18 lbs.
Per dozen.	$1.50	1.50	1.50

MALLEABLE CLEVISES, SHACKLES AND SWIVELS.

MALLEABLE CLEVISES.

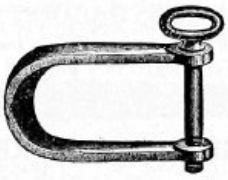


No. 691½—Screw pin, inside width 2 in., extreme length 4½ in., ribbed, w't per doz. 11½ lbs.....per dozen $1.15
No. 691¼—Screw pin, inside width 2¼ in., extreme length 5½ in., ribbed, w't per doz. 13½ lbs.....per dozen 1.25
No. 379 —Screw pin, inside width 2¼ in., extreme length 6 in., ribbed, w't per doz. 15½ lbs.....per dozen 1.60



No. 703½—Round pin, inside width 2 in., extreme length 4½ in., w't per doz. 13 lbs.....per dozen $1.25
No. 691 —Round pin, inside width 2¼ in., extreme length 5½ in., w't per doz. 18¼ lbs.....per dozen 1.95

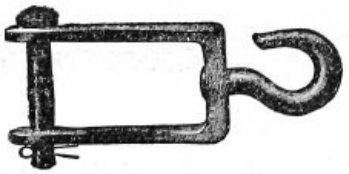
No. 705½—Screw pin, inside width 2 in., extreme length 4½ in., w't per doz. 11 lbs.....per dozen $1.05
No. 705¾—Screw pin, inside width 2 in., extreme length 5½ in., w't per doz. 11¼ lbs.....per dozen 1.20



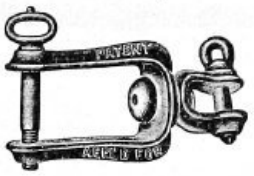
No. 702½—Screw pin, inside width 2 in., extreme length 4½ in., w't per doz. 12½ lbs.....per dozen $1.25
No. 704 —Screw pin, inside width 2½ in., extreme length 4½ in., w't per doz. 13 lbs.....per dozen 1.45
No. 703¼—Screw pin, inside width 2 in., extreme length 6 in., w't per doz. 16½ lbs.....per dozen 1.70
No. 703⅛—Screw pin, inside width 2½ in., extreme length 6 in., w't per doz. 19½ lbs.....per dozen 2.00
No. 704½—Extra large screw pin, inside width 3 in., extreme length 8 in., w't per doz. 30 lbs.....per dozen 3.10

No. 7043¼—Screw pin, inside width 2 in., extreme length 5¼ in., w't per doz. 15½ lbs.....per dozen $1.60

MALLEABLE CLEVISES.



No. 55—Strap, with 2⅝ in. swivel hook, inside width 4 in., extreme length 9¼ in., w't per doz. 43½ lbs., per dozen $4.50



No. 50—IDEAL, inside width 2½ in., extreme length 4½ in., w't per doz. 26 lbs., per dozen..... $3.50

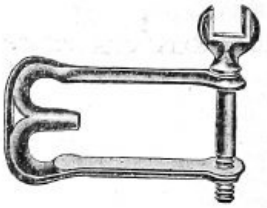
No. 702—End, inside width ¾ in., extreme length 2½ in., w't per doz. 5 lbs.....per dozen $0.60

No. 701—End, inside width ¾ in., extreme length 2 in., w't per doz. 7 lbs., per dozen..... $0.65
No. 701½—End, inside width 1 in., extreme length 3½ in., w't per doz. 9 lbs.....per dozen .85

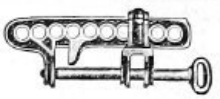
No. 738—Twist link, for two horse beam clevis, inside width ¾ in., extreme length 4 in., w't per doz. 10¾ lbs., per dozen..... $1.10

No. 764—Plow link, inside width 2¼×1½ in., extreme length 3 in., extreme width 2½ in., w't per doz. 5¼ lbs. ..... per dozen $0.50

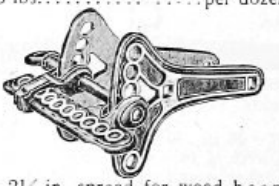
MALLEABLE CLEVISES.



Thread Cut on Wrench.
No. 725—2 in. wood beam cultivator, 3⅝ in. from center of wrench to end of beam, entire length 6 in., w't per doz. 10½ lbs.....per dozen $1.40



No. 100—Cross clevis, 10 holes, adjustable to any size beam, average w't per doz. 25 lbs.....per dozen $3.00



No. 729—2¼ in. spread for wood beam plow, 3¼ in. from center to center of beam holes, length of beam clevis 9 in., 11 holes, with end clevis, average w't per doz. 66 lbs.....per dozen $6.50
No. 736—1¼ in. spread for steel beam plow, 3¼ in. from center to center of beam holes, length of beam clevis 9 in., 11 holes, with end clevis, average w't per doz. 58 lbs.....per dozen 6.00

SWIVEL SHACKLES.

No. 60—Screw pin, clevis opening ¾ in., inside width 1⅛ in., extreme length 4⅝ in., w't per doz. 13 lbs...per dozen $2.00

SWIVELS.

Malleable Iron, Polished.
⅝ in. Eye, w't per doz. 2 lbs....per dozen $0.25
¾ in. Eye, w't per doz. 2⅜ lbs.. " .25

PLOW PULLEYS.

No. 11—4×1¾ in. iron sheave, with ⅝ in. removable steel axle, swivel nose clevis, with ⅞ in. opening and ½ in. machine bolt, w't per doz. 75 lbs., per dozen..... $12.00

WAGON HARDWARE.

IRONED SINGLETREES.

No. 1—26 in., hickory, plow, varnished, 7/16 in. center clip, 5/16 in. end clips, with 5/16 in. hooks, w't per doz. 30 lbs., per dozen..... $3.00

No. 2—30 in., hickory, plow, extra heavy, painted red, 7/16 in. center clip, 7/16 in. end clips, with 3/8 in. hooks, w't per doz. 64 lbs.....per dozen 6.00

HALF DOZEN IN A BUNDLE.

No. 1¾—30 in., hickory, plow, varnished, 1/2 in. center clip, with 7/16 in. ring, 3/8 in. end clips, with 5/16 in. hooks, w't per doz. 64 lbs. ..... per dozen $3.75

ONE DOZEN IN A BUNDLE.

No. 307—28 in., hickory, plow, varnished, with 7/16 in. center clip, 3/8 in. ring, oval iron end clips securely fastened, 5/16 in. hooks, w't per doz. 42 lbs.....per dozen $4.00

No. 307½—18 in., for plowing around trees, otherwise same as No. 307, w't per doz. 32 lbs. .....per dozen 4.00

HALF DOZEN IN A BUNDLE.

No. 408—28 in., hickory, plow, varnished, with 1/2 in. center clip, 7/16 in ring, extra heavy malleable iron end clips securely fastened, 3/8 in. hooks, w't per doz. 52 lbs.....per dozen $5.00

HALF DOZEN IN A BUNDLE.

No. 407—30 in., hickory, plow, varnished, 7/16 in. center clip, with 3/8 in. ring, 1 1/8 in. malleable ferrules with 5/16 in. wrought hooks, w't per doz. 46 lbs.....per dozen $4.50

No. 3—36 in., hickory, wagon, varnished, 9/16 in. center clip, with 7/16 in. ring, 1 3/8 in. ferrules with 3/8 in. hooks, w't per doz. 63 lbs.....per dozen 5.00

No. 33—Second growth hickory, otherwise same as No. 3.....per dozen 7.50

HALF DOZEN IN A BUNDLE.

No. 30—36 in., hickory, wagon, varnished, 9/16 in. center clip, 7/16 in. ring, 1 3/8 in. ferrules with 3/8 in. hooks, direct pull, w't per doz. 74 lbs., per dozen..... $6.00

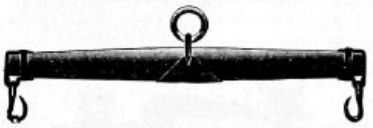
HALF DOZEN IN A BUNDLE.

IRONED SINGLETREES.

No. 220—36x2 5/8 in., hickory, wagon, oiled, 7/16 in strap ends, 3/8 in. hooks, 9/16 in. center clip, with 7/16 in. ring, w't per doz. 65 lbs. .....per dozen $6.25

No. 320—Second growth hickory, otherwise same as No. 220.....per dozen 9.50

HALF DOZEN IN A BUNDLE.



No. 13—36 in., hickory, wagon, oiled, 5/8 in. center clip, with 7/16 in. ring, 5/8 in. end bands, 7/8x2 in. straps with 7/16 in. hooks, w't per doz. 63 lbs., per dozen..... $5.00

HALF DOZEN IN A BUNDLE.

No. 420—36 in., hickory, wagon, hand painted, 5/8 in. center clip with 7/16 in. ring, 3/4 in. end bands, 7/8x9 1/2 in. straps with 7/16 in. hook, w't per doz. 96 lbs. .....per dozen $14.00

CAREFULLY WRAPPED IN BURLAP. HALF DOZEN IN A BUNDLE.

WAGON SETS.

Doubletrees—2x4x48 in., with wrought plates, lock pin clevis clips and stay chain ring, wood riveted on each end.

Singletrees—2 1/2x36 in., with welded center clips and ring (center clips are put on hot), malleable ferrule with steel hook.

Neckyoke—2 1/2x40 in., with center iron and malleable ferrule with steel rings.

No. 1745—Consisting of 1 hickory doubletree, 2 hickory singletrees and 1 hickory neckyoke, all painted red, neatly striped and varnished, as described above, w't per doz. sets 410 lbs., per dozen sets..... $52.00

We do not break crates owing to damage in shipping.

SIX SETS IN A CRATE. WE DO NOT BREAK CRATES.

NECK YOKES.

No. 15—40 in., hickory, wagon, varnished, wrought iron center attachments, with 4x5/8 in. wrought center ring, 1 3/8 in. malleable end ferrules, with 3x3/8 in. wrought rings, w't per doz. 85 lbs.....per dozen $7.25

No. 16—48x3 in., w't per doz. 125 lbs., otherwise same as No. 15...per dozen 9.00

No. 25—Second growth hickory, otherwise same as No. 15..... per dozen 10 50

HALF DOZEN IN A BUNDLE.

Wrought Iron Trimmings.

No. 415—40 in., hickory, wagon, hand painted patent center attachments with 3 1/2x9/16 in. ring, 1 3/8 in. end ferrules with 3x3/8 in. rings, w't per doz. 90 lbs.....per dozen $11.00

CAREFULLY WRAPPED IN BURLAP HALF DOZEN IN A BUNDLE.

With Adams' Malleable Hinged Center, Leather Lined.

No. 150—42 in., buggy, selected timber, finished, riveted loop, with under plate, diam. 1 3/8 in, 1 1/2 or 1 5/8 in., w't per doz. 45 lbs.....per dozen $15.00

HALF DOZEN IN A BUNDLE.

IRONED DOUBLETREES.

No. 10—36 in., hickory, plow, varnished, 5/8 in. center clip, with 1/2 in. hook, 7/16 in. end clips, w't per doz. 66 lbs.....per dozen $7.00

HALF DOZEN IN A BUNDLE.

Wrought Center Plates. Ends Riveted, Bored, Ready for Use.

No. 21½—48x4x2 in., elm, wagon, painted, w't per doz. 110 lbs., per dozen $7.50

No. 21—48x4x2 in., hickory, wagon, painted, w't per doz. 110 lbs., per dozen 8.50

LOOSE.

WAGON HARDWARE.

SINGLETREES.

No. 11—26x2⅛ in., steel, plow, ribbed and heavily bolted, ⅜ in. self-locking hook, painted red, w't per doz. 42 lbs., per dozen..... $7.00

ONE DOZEN IN A BUNDLE.

No. 12—34 in., pressed U steel, wagon, ribbed, heavily bolted, ⅜ in. self-locking hooks, D center clip, painted red, w't per doz. 76 lbs.....per dozen $8.40

HALF DOZEN IN A BUNDLE.

No. 112—34 in., tubular pressed steel, ⅜ in. hooks, body of one piece high grade steel, tapering from D center clip to both ends, with a truss running full length and all the way across, w't per doz. 72 lbs.....per dozen $9.20

Hooks and ferrules being standard size, can be replaced if broken.

HALF DOZEN IN A BUNDLE.

DOUBLETREES.

No. 110—36x2⅞ in., steel, plow, ribbed and heavily bolted, painted red, w't per doz. 104 lbs.....per dozen $16.00

No. 160—44 in., U ribbed pressed steel, wagon, complete with clevises, w't per doz. 156 lbs.....per dozen 20.00

HALF DOZEN IN A BUNDLE.

NECK YOKES.

No. 170—38 in., tubular pressed steel, strong but light in weight, w't per doz. 98 lbs.....per dozen $15.50

Ferrules and rings being standard size, can be replaced if broken.

HALF DOZEN IN A BUNDLE.

WAGON SINGLETREE WOODS.

No. 35—36 x 2⅝ in., round, hickory, w't per doz. 44 lbs.....per dozen $3.00

No. 36—36 x 2⅝ in., oval, hickory, w't per doz. 32 lbs.....per dozen $1.75

ONE DOZEN IN A BUNDLE.

BUGGY OR EXPRESS SINGLETREE WOODS.

No. 61—40x1¾ in., hickory, round ends, w't per doz. 21 lbs.....per dozen $1.60

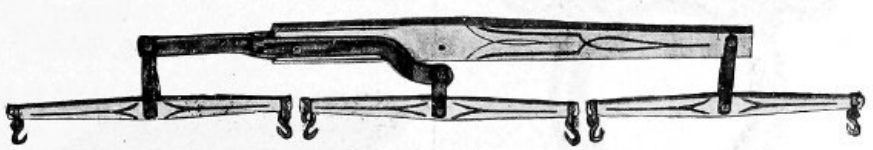
No. 62—40x1⅞ in., hickory, round ends, w't per doz. 22 lbs.....per dozen 1.70

No. 63—40x2 in., hickory, round ends, w't per doz. 23 lbs.....per dozen 1.80

No. 64—40x2¼ in., hickory, round ends, w't per doz. 30 lbs.....per dozen 2.10

ONE DOZEN IN A BUNDLE.

THREE HORSE HITCHES.



No. 175—Painted, striped and varnished, complete with ferrules and hooks, w't per doz. sets 360 lbs.....per dozen sets $42.00

Constructed so that one horse cannot get advantage over the other, the end of the iron evener in the center is raised to work over center pin. This makes a very practical hitch for general use.

BUGGY OR EXPRESS NECK YOKE WOODS.

No. 81—42x1¾ in., hickory, w't per doz. 24 lbs.....per dozen $3.00

No. 82—42x1⅞ in., hickory, w't per doz. 28 lbs.....per dozen 3.10

No. 83—42x2 in., hickory, w't per doz. 33 lbs.....per dozen 3.20

HALF DOZEN IN A BUNDLE.

WAGON NECK YOKE WOODS.

No. 38—38x2½ in., hickory, w't per doz. 54 lbs.....per dozen $2.80

No. 40—40x2⅝ in., hickory, w't per doz. 57 lbs.....per dozen 3.20

No. 42—42x2¾ in., hickory, w't per doz. 60 lbs.....per dozen 4.00

LOOSE.

PLOW DOUBLETREE WOODS.

No. 19.

No. 18—42x3½x1⅝ in., hickory, w't per doz. 70 lbs.....per dozen $4.00

No. 19—42x3½x1⅝ in., hickory, ends riveted and holes bored, w't per doz. 70 lbs.....per dozen 5.00

LOOSE.

WAGON DOUBLETREE WOODS.

No. 20—48x4x2 in., hickory, w't per doz. 100 lbs.....per dozen $5.00

LOOSE.

BUGGY OR EXPRESS DOUBLETREE WOODS.

No. 71—48x2¼ in., hickory, finished ends, w't per doz. 45 lbs...per dozen $3.50

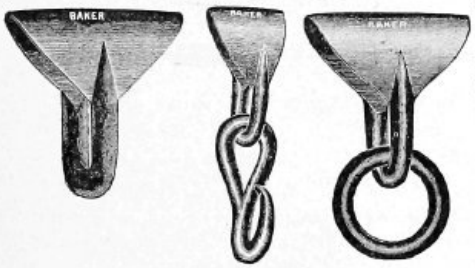
No. 72—48x2½ in., hickory, finished ends, w't per doz. 56 lbs....per dozen 3.75

No. 73—48x2¾ in., hickory, finished ends, w't per doz. 61 lbs....per dozen .00

HALF DOZEN IN A BUNDLE.

WAGON HARDWARE.

SINGLETREE IRONS.



Center Clip for No. 75. | End Clip for Nos. 75 and 1. | Center Clip for No. 1.

No. 75—Light southern plow, comprising one ½ in. center clip and two ⅜ in. end clips with 5/16 in. hook, w't per doz. sets 15 lbs. .....per dozen sets $2.10

No. 1—Southern plow, comprising one ⅝ in. center clip with ½ in. ring and two 7/16 in. end clips with ⅜ in. hook, all wrought iron, w't per doz. sets 24 lbs. .....per dozen sets 3.75

CENTER CLIPS.

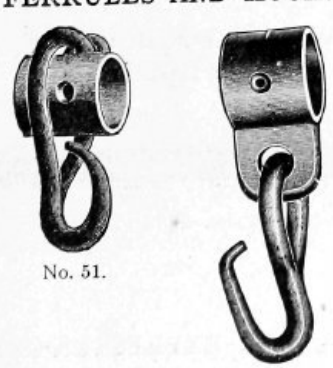
With Ring. | Twisted.

No. 37—⅝ in., wrought iron, with ½ in. ring, w't per doz. 12 lbs. .....per dozen $1.60

No. 34—¾ in., wrought iron, with ⅝ in. ring, w't per doz. 24 lbs. .....per dozen 3.00

No. 52—⅝ in., twisted wrought iron, w't per doz. 9 lbs. .....per dozen 1.60

FERRULES AND HOOKS.



No. 51. | No. 61.

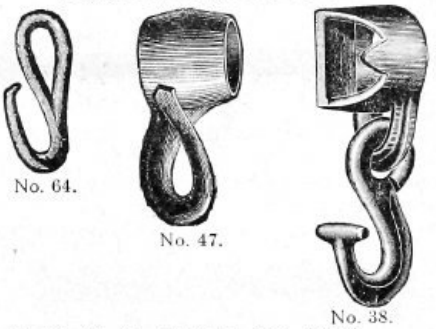
No. 51—1⅜ in., malleable ferrule (tapering from 1½ in.), ⅜ in. eye, ⅜ in. wrought hook, w't per doz. 6 lbs., per dozen..... $1.00

No. 55—1¾ in., malleable ferrule (tapering from 1⅞ in.), 7/16 in. eye, 7/16 in. wrought hook, w't per doz. 12 lbs., per dozen..... 1.75

No. 61—1½ in., malleable ferrule (tapering from 1⅝ in.), 7/16 in. wrought hook, w't per doz. 9 lbs. .....per dozen 1.25

No. 60—1¾ in., malleable ferrule (tapering from 1⅞ in.), 7/16 in. wrought hook, w't per doz. 12 lbs. ...per dozen 1.85

WHIFFLETREE HOOKS.



No. 64. | No. 47. | No. 38.

No. 64—7/16 in. wrought iron, length 3½ in., w't per doz. prs. 9 lbs., per dozen pairs..... $1.60

No. 47—Malleable iron, small end 1¼ in., large end 1 3/16 in., depth 1½ in., length 3⅝ in., w't per doz. prs. 11 lbs., per dozen pairs..... 1.75

IN STRINGS OF HALF DOZEN PAIRS. WE DO NOT BREAK STRINGS.

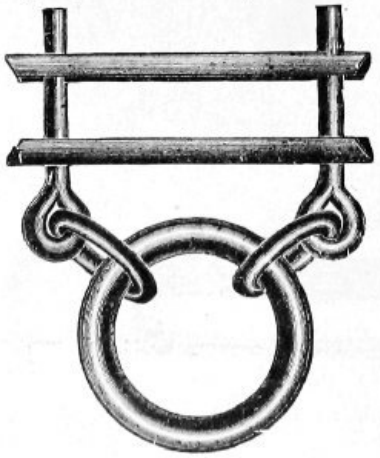
No. 38—Malleable plow singletree irons, 1⅛ in. ferrule (tapering from 1⅜ in.), w't per doz. 6 lbs. .....per dozen $1.00

No. 38 is made with a wedge in the front face of the ferrule, and is intended to drive into place. The wedge spreads the end so that the spurs on the sides catch in the wood, securely holding the ferrule in place.

NECK YOKE IRONS.

No. 79—Ferrules and rings, 1⅜ in. malleable ferrule (tapering from 1⅛ in.), ⅜ in. eye, 3¼x⅜ in. wrought ring, w't per doz. 6 lbs. .....per dozen $0.95

No. 80—Ferrules and rings, 1⅝ in. malleable ferrule (tapering from 1¾ in.), 7/16 in. eye, 4x7/16 in. wrought ring, w't per doz. 9 lbs. .....per dozen 1.00



No. 10—Center irons, wrought iron center plates and 4½x½ in. ring, w't per doz. 27 lbs. .....per dozen $3.00

WHIFFLETREE STRAPS.

No. 65—½ in. wrought steel, length of long end to center of bend 11½ in., with three 9/32 in. holes short end 6½ in., with two 9/32 in. holes, w't per doz. 9½ lbs. .....per dozen $0.90

POLE CAPS.

No. 1—Wrought steel, with hold back, length 19½ in., w't per doz. 24 lbs., per dozen..... $2.50

KING BOLTS.

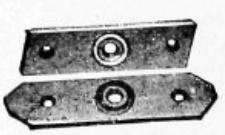
Wrought Steel, Button Head.

Nos.	31	32	33	
Size.	14x⅞	14x1	16x1⅛	in.
W't per doz.	28	37	54	lbs.
Per dozen.	$1.90	2.50	3.80	

Wrought Steel, Countersunk Head.

Nos.	41	42	43	
Size.	14x⅞	14x1	16x1⅛	in.
W't per doz.	28	37	54	lbs.
Per dozen.	$1.90	2.50	3.80	

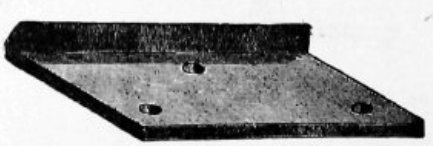
BOLSTER PLATES.



Wrought Iron.

Nos.	10	11	12	
Width.	3	3¼	3½	in.
W't per doz. prs.	66	78.	84	lbs.
Per dozen pairs.	$8.40	9.00	9.60	

RUB IRONS.



No. 10—Wrought iron, 5½x2½ in., w't per doz. 12 lbs. .....per dozen $1.00

WAGON HARDWARE.

SECTION RIVETS.

Flat Countersunk Head. Bung Head.

Flat Countersunk Head.

No. 5½—Diameter 3/16 in., length 3/8, 7/16, 1/2, 9/16, 5/8, 3/4, 7/8 and 1 in., per pound..... $0.24

No. 3—Diameter 1/4 in. (full), length 1/2, 5/8, 3/4 and 7/8 in.....per pound .24

Bung Head.

No. 5½—Diameter 3/16 in., length 7/16, 1/2, 5/8, 3/4 and 1 in.....per pound .24

Always specify kind of head and length as well as number. We have two Nos. 5½.

ONE POUND IN A PACKAGE.

WAGON BODY RIVETS.

3-16 Inch, Wrought Iron, Flat Head.

No. 43—Length 1, 1¼, 1½, 1¾, 2, 2¼, 2½, 2¾ and 3 in....per pound $0.21
No. 43—Length ¾ in..... " .21½
No. 43—Length ½ in..... " .22

¼ Inch, Wrought Iron, Flat Head.

No. 44—Length 1, 1¼, 1½, 1¾, 2, 2¼, 2½, 2¾, 3, 3¼, 3½ and 4 in., per pound..... .20
No. 44—Length ¾ in.....per pound .20½
No. 44—Length ½ in..... " .21

In ordering, give size.

FIVE POUNDS IN A BOX.

3-16 Inch, Soft Steel, Oval Head.

No 53—Length 1, 1¼, 1½, 1¾, 2, 2¼, 2½, 2¾, and 3 in....per pound $0 21
No. 53—Length ¾ in..... " .21½
No. 53—Length ½ in..... " .22

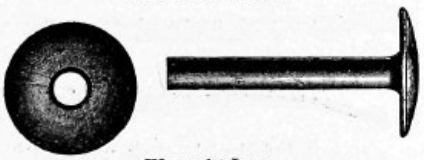
¼ Inch, Soft Steel, Oval Head.

No. 54—Length 1, 1¼, 1½, 1¾, 2, 2¼, 2½, 2¾, 3, 3¼, 3½ and 4 in., per pound..... .20
No. 54—Length ¾ in.....per pound .20½
No. 54—Length ½ in..... " .21

In ordering, give size.

FIVE POUNDS IN A BOX.

CALIFORNIA TIRE RIVETS AND BURS.



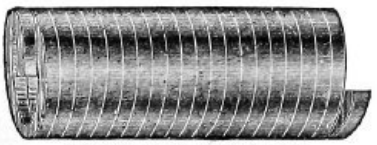
Wrought Iron.

No. 64—¼ in., length 2, 2¼ and 2½ in., per pound..... $0.33
No. 65—5/16 in., length 2, 2¼ and 2½ in., per pound..... .30
Extra Burs, for ¼ in.....per pound .33
Extra Burs, for 5/16 in..... " .30

In ordering, give size.

FIVE POUNDS IN A BOX.

LEATHER WASHERS.



Adjustable, Nut and Collar.

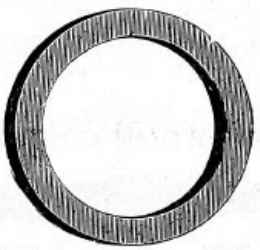
No. 150—Inches.....	7/8	1	1⅛
Per hundred.....	$0.75	85	.95
No. 150—Inches.....		1¼	1½
Per hundred.....		$1.25	1 50

ONE HUNDRED IN A BOX.

"REV-O-NOC" Adjustable, Nut and Collar.

No. 100 REV-O-NOC—Inches,	7/8	1	1⅛
Per hundred.....	$0.90	1.00	1.15
No. 100 REV-O-NOC—Inches....		1¼	1½
Per hundred.....		$1.50	2.00

7/8 TO 1⅛ IN., ONE HUNDRED; 1¼ AND 1½ IN., FIFTY IN A BOX.

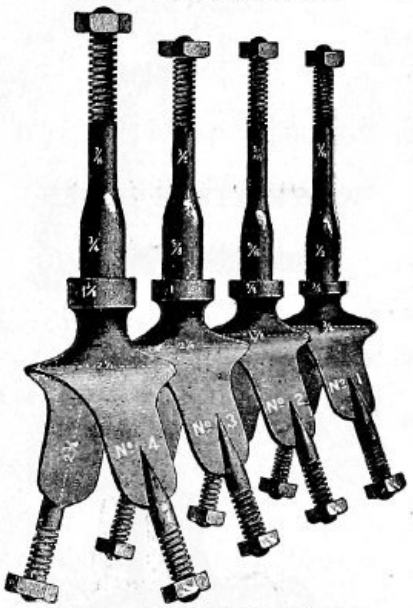


Solid, Assorted Nut and Collar.

No. 200—For Axle,	7/8	1	1⅛	1¼ in.
Per box of 5 sets...	$0.80	.90	1.00	1.10

FIVE SETS IN A BOX.

CLIP KING BOLTS.



Finished, Norway Iron, with Collar.

Nos.....	1	2
Clip.....	4⅛	4½ in.
Stem.....	½	9/16 in.
Thread end.....	5/16	5/16 in.
W't per doz.....	7	8 lbs.
Per dozen.....	$4.25	4.50
Nos.....	**3**	**4**
Clip.....	5¼	5⅞ in.
Stem.....	5/8	¾ in.
Thread end.....	5/8	⅜ in.
W't per doz.....	12	15 lbs.
Per dozen.....	$5.00	8.00

NOS. 1 AND 2, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

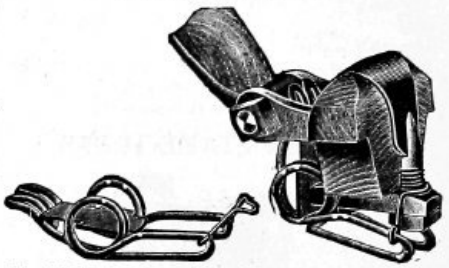
ANTI-RATTLERS.

No. 2. No. 1.

No. 2—BURTON'S, cold rolled steel riveted, japanned, *without bolt holder*, w't per doz. prs. 1¾ lbs., per dozen pairs..... $0.90

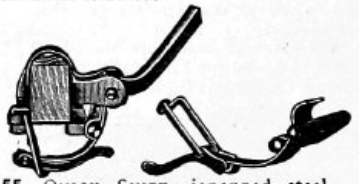
No. 1—BURTON'S, cold rolled steel, riveted, japanned, *with bolt holder*, w't per doz. prs. 2⅛ lbs...per dozen pairs 1.40

ONE DOZEN PAIRS IN A BOX.



No. 1901—Japanned steel spring and plate, w't per doz. prs. 3 lbs., per dozen pairs..... $1.20

The large coil gives great elasticity and long life. The shape of plate draws the coil to the inside when attached.

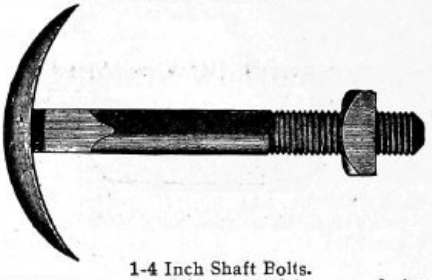


No. 55—QUICK SHIFT, japanned steel spring, malleable iron shaft bolt, size of bolt 3/8 or 7/16 in., w't per doz. prs. 8 lbs.....per dozen pairs $4.00

A combination shaft bolt and anti-rattler which can be very quickly applied and will hold very securely.

ONE DOZEN PAIRS IN A BOX

T-HEAD SHAFT AND WHIFFLE-TREE BOLTS.



1-4 Inch Shaft Bolts.

Lengths.....	1½	1¾	2 in.
W't per 100....	4	4½	5 lbs.
Per 100.....	$3.20	3.30	3.40
Lengths.....		2¼	2½ in.
W't per 100.....		5½	6 lbs.
Per 100.....		$3.50	3.60

5-16 Inch Whiffletree Bolts.

Lengths.....	3½	4	4½ in.
W't per 100....	13	14	16 lbs.
Per 100.....	$5.00	5.30	5.60

3-8 Inch Whiffletree Bolts.

Lengths.....	3½	4	4½ in.
W't per 100....	20	22	23 lbs
Per 100.....	$6.70	7.10	7.50

FIFTY IN A PACKAGE

WAGON HARDWARE.

AXLE CLIPS.

Wrought, 5-16 Inch Shanks, 7-8 Inch Wide.

Nos	1	2	3	
Length flat part.	3¼	3¾	4¼	in.
W't per doz.	1½	1¾	1⅞	lbs.
Per dozen	$0.85	.95	1.10	

Nos	4	5	
Length flat part.	4¾	5¼	in.
W't per doz.	2	2¼	lbs.
Per dozen	$1.20	1.35	

Wrought, 3-8 Inch Shank, 1¼ Inches Wide.

Nos	21	22	23	
Length flat part	3	3½	4	in.
W't per doz.	2½	2⅝	2⅞	lbs.
Per dozen	$0.95	1.15	1.35	

Nos	24	25	
Length flat part.	4½	5	in.
W't per doz.	3	3¼	lbs.
Per dozen	$1.50	1.65	

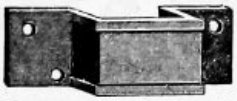
FOUR DOZEN IN A BOX.

WAGON STAKE IRONS.

No. 1535.

No. 1530—Round, malleable iron, holes for ⅜ in. bolts, for 1½ in. stake, 2½ in. deep, w't per doz. 11 lbs., per dozen.. ..... $1.20

No. 1535—Round, malleable iron, holes for ⅜ in. bolts, for 2 in. stake, 2¾ in. deep, w't per doz. 12¼ lbs..per dozen 1.60



No. 1630—Square, malleable iron ribbed, holes for ⅜ in. bolts, for 1½x2½ in. stake, 2½ in. deep, w't per doz. 19½ lbs.. .....per dozen $2.00

No. 1635—Square, malleable iron ribbed, holes for ⅜ in. bolts, for 1½x2¾ in. stake, 2¾ in. deep, w't per doz. 20¼ lbs.. .....per dozen 2.40

No. 1735—Square, wrought steel, holes for ⅜ in. bolts, for 1¾x3 in. stake, 2½ in. deep, w't per doz. 17¼ lbs., per dozen.. ..... 2.40

WAGON BOW STAPLES.

No. 5—Wrought iron, to rivet, 1½, 1¾ and 2 in. inside measurement, w't per gro. 9 lbs.....per gross $1.80

In ordering, give size.

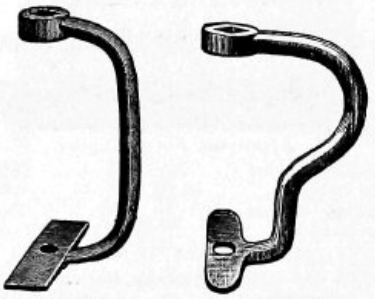
HALF GROSS IN A BOX.

No. 6—Wrought iron, to drive, 1½, 1¾ and 2 in. inside measurement, w't per gro. 10 lbs.....per gross $1.80

In ordering, give size.

HALF GROSS IN A BOX.

WHIFFLETREE BRACES.



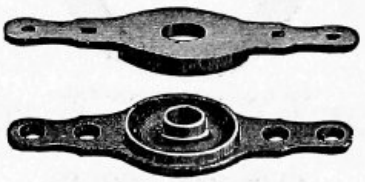
Nos. 635 and 636. No. 640.

No. 635—Malleable iron, for 5/16 in. bolt, 3 in. inside, w't per doz. 4¼ lbs., per dozen.. ..... $0.75

No. 636—Malleable iron, for 5/16 in. bolt, 3¾ in. inside, w't per doz. 4¼ lbs., per dozen.. ..... .75

No. 640—Malleable iron, for ⅜ in. bolt, 3¾ in. inside, w't per doz. 6 lbs., per dozen.. ..... 1.00

WHIFFLETREE COUPLINGS.



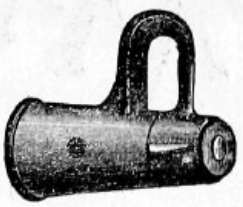
Malleable Iron.

Nos	695	696	697	698	
Width	1¾	2⅛	2¼	2½	in.
Length	4½	5⅛	5⅜	5¾	in.
For bolt	⅜	7/16	7/16	7/16	in.
W't per doz. prs.	3¼	5½	5½	7	lbs.
Per dozen pairs	$0.50	.85	.85	1.15	

WHIFFLETREE HOOKS.

No. A70—⅜ in., malleable iron, screw shank, 3 in. long, w't per doz. 1½ lbs., per dozen..... $0.30

No. B70—7/16 in., malleable iron, screw shank, 3½ in. long, w't per doz. 1¾ lbs.....per dozen .30



Malleable Iron, Japanned, Self-Closing.

No. B80—Inches	⅞	1	1⅛	
W't per doz. pairs	6	7	8	lbs.
Per dozen pairs	$5.00	5.00	5.75	

No. B80—Inches	1¼	1⅜	1½	
W't per doz. pairs	11	13	14	lbs.
Per dozen pairs	$6.50	7.50	8.50	

HALF DOZEN PAIRS IN A BOX.

SHAFT COUPLINGS.

Eye. Shaft Coupling.

With Eye, Best Norway Iron, Finished.

Nos	10	11	14	
Eye	⅞	1	1	in.
Stem	5/16	5/16	5/16	in.
Bolt	5/16	⅜	7/16	in.
Clip	2¾	3	3¼	in
W't per doz prs.	19	22	24	lbs.
Per dozen pairs	$5.75	6.00	6.25	

Nos	17	18	19	
Eye	1⅛	1¼	1½	in.
Stem	⅜	⅜	7/16	in.
Bolt	7/16	7/16	½	in.
Clip	3⅝	4¼	4¾	in.
W't per doz. prs	30	37	46	lbs.
Per dozen pairs	$8.25	10.50	16.50	

Without Eye, Best Norway Iron, Finished.

Nos	20	21	24	
Eye	⅞	1	1	in.
Stem	5/16	5/16	5/16	in.
Bolt	5/16	⅜	7/16	in.
Clip	2¾	3	3¼	in.
W't per doz. prs	11	12	14	lbs.
Per dozen pairs	$3.50	3.75	4.00	

Nos	27	28	29	
Eye	1⅛	1¼	1½	in
Stem	⅜	⅜	7/16	in.
Bolt	7/16	7/16	½	in.
Clip	3⅝	4¼	4¾	in
W't per doz. prs	18	21	27	lbs.
Per dozen pairs	$5.25	7.00	10.50	

HALF DOZEN PAIRS IN A BOX.

STEEL SHAFT ENDS.

Japanned, With Nickel Shaft Tips.

No. 10—Buggy size, w't per doz. 19 lbs., per single dozen..... $6.00

No. 20—Surrey size, w't per doz. 22 lbs., per single dozen..... 8.00

For repairing broken shafts, used also on new work to prevent breaking.

How the Shaft Looks When Finished.

This device consists of two thick steel tubes the inner tube having a hickory filler and being pressed into the outer tube in such a way that the shafts will break in any other place than where repaired. It strengthens, and being neatly japanned, gives a leather finish to new and old work and is the quickest and best way of repairing a broken shaft.

WAGON HARDWARE.

WAGON BOX RODS.

No. 2—Narrow track, without collar, ⅜ x 39 in., w't per doz. 18 lbs. per dozen $1.35

No. 12—Wide track, without collar, ⅜ x 45 in., w't per doz. 20 lbs., per dozen 1.60

No. 1—Narrow track, with collar, ⅜x 39 in., w't per doz. 18 lbs..per dozen $1.50

No. 11—Wide track, with collar, ⅜x 43 in., w't per doz. 20 lbs.. per dozen 1.75

No. 11—Wide track, with collar, ⅜x 45 in., w't per doz. 22 lbs., per dozen 1.75

No. 21—With collar, 7/16x39 in., w't per doz. 20 lbs.....per dozen 2.25

Extra Nuts, for ⅜ in..... " .75

No. 20—Narrow track, without collar, ⅜ x 39 in., w't per doz. 18 lbs., per dozen..... $1.70

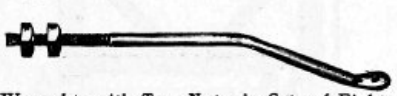
No. 120—Wide track, without collar, ⅜ x 45 in., w't per doz. 20 lbs., per dozen..... 2.00

No. 10—Narrow track, with collar, ⅜x 39 in., w't per doz. 18 lbs...per dozen $2.00

No. 110—Wide track, with collar, ⅜x 43 in., w't per doz. 20 lbs...per dozen 2.00

No. 110—Wide track, with collar, ⅜x 45 in., w't per doz. 22 lbs...per dozen 2.00

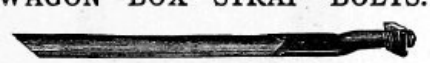
WAGON BOX SIDE BRACES.



Wrought, with Two Nuts, in Sets of Eight.

Nos	25	26	35	36
Length	7/16x12	7/16x14	½x14	½x16 in.
W't per set.	5	5¾	6½	7¾ lbs.
Per set.	$0.65	.65	1.00	1.00

WAGON BOX STRAP BOLTS.



Wrought Iron, in Sets of Eight.

Nos	01	1	2	3
Length	10	12	12	14 in.
Diameter at screw end	½	½	9/16	9/16 in.
W't per set	4	4¾	6	7 lbs.
Per set	$1.00	1.05	1.15	1.25

Nos	4	5	6
Length	12	14	16 in.
Diameter at screw end	⅝	⅝	⅝ in.
W't per set	7	8	9 lbs.
Per set	$1.15	1.30	1.45

HOOK END WAGON BOX STRAP BOLTS.

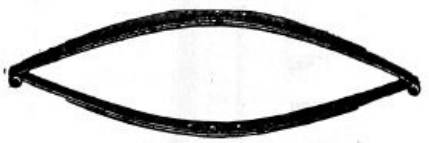
Wrought Iron, in Sets of Eight.

No. 15—Length 14 in., screw ⅝ in., w't per set 9 lbs.. .....per set $1.45

No. 16—Length 16 in., screw ⅝ in., w't per set 9½ lbs.....per set 1.60

For entire length add 1½ inches.

SEAT SPRINGS.



Two Leaf, Painted Red.

Size	1¼x24	1⅜x25	1½x26 in.
W't per pair	10	11	12 lbs.
Per pair	$0.90	1.00	1.25

Three Leaf, Painted Red.

Size	1¼x28	1½x28 in.
W't per pair	16	20 lbs.
Per pair	$1.50	1.75

SEAT SPRING HOOKS.

Malleable Iron.

No. 166—3½ in. long, 1⅛ in. and 1⅜ in. inside of hooks, w't per doz. 8 lbs., per pound ... $0.10

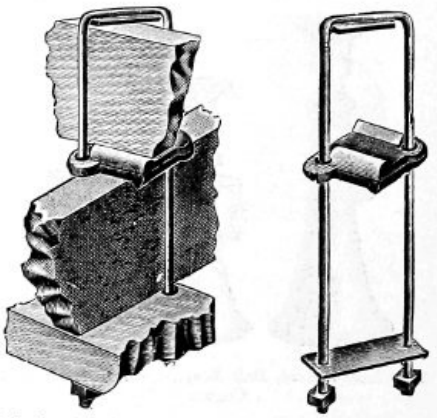
No. 167—4 in. long, 1⅛ in. and 1⅜ in. inside of hooks, w't per doz. 9 lbs., per pound.... $0.10

THIMBLE SKEINS.

D. V. & Co. Pattern.

INCHES.	W'T PER SET LBS.	PER SET.	INCHES.	W'T PER SET LBS.	PER SET.
2 x 6	23	$3.25	3¼x 9	71	$7.00
2 x 6½	24	3.25	3¼x10	74	7.50
2⅛x 6½	27	3.50	3¼x11	68	7.75
2¼x 7	32	3.75	3½x10	77	8.00
2¼x 7½	32	4.00	3½x10½	77	8.00
2⅜x 7	32	4.00	3½x11	87	8.30
2⅜x 7½	32	4.00	3½x12	87	8.80
2½x 7	35	4.50	3¾x11	94	9.00
2½x 7½	35	4.50	3¾x12	96	9.40
2⅝x 8	39	4.75	4 x12	111	10.60
2¾x 8	45	5.25	4¼x12	143	15.00
2¾x 8½	48	5.40	4½x12	171	18.00
2¾x 9	50	6.00	4½x13	187	20.00
3 x 9	57	6.00	5 x14	252	25.00
3 x10	60	6.50			

HAY RACK BRACKETS.

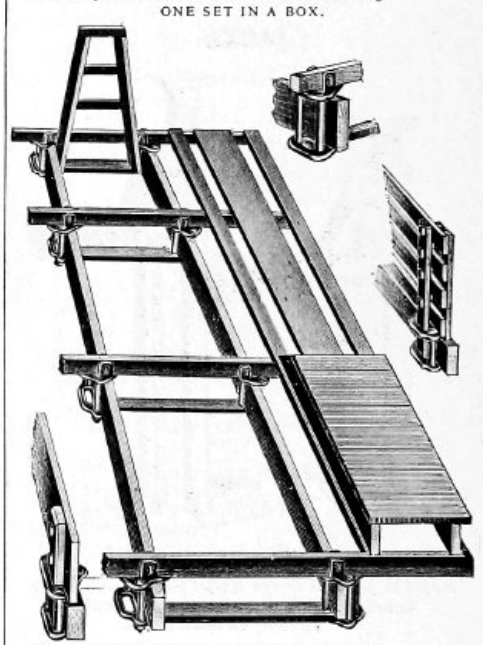


No. 1—Consists of eight 14 in. wrought steel clamps, to clamp 2x4 in., 2x8 in. and 2x4 in., complete with brackets, upper washers, lower clips and nuts, w't per doz. sets 204 lbs. per dozen sets $24.00

No. 2—Consists of eight 16 in. wrought steel clamps, to clamp 2x6 in., 2x8 in. and 2x4 in., complete with brackets, upper washers, lower clips and nuts, w't per doz. sets 222 lbs., per dozen sets 25.20

These brackets make the strongest hay racks, as the wood is not weakened by boring holes for bolts where strength is most essential. By their use lighter material can be used. A hay rack made with these brackets is stronger and much more rigid than one made in the old way.

ONE SET IN A BOX.



No. 5—SWAN'S "4 in 1," malleable iron, 8 top plates with keys, 8 bottom plates, stake loops and rail support fasteners, 24⅜x10½ in. bolts to clamp 2x8 in. timbers, full directions for building with each set, w't per doz. sets 336 lbs., per dozen sets..... $48.00

A wagon bed built with these brackets may easily be converted into a regular wagon box, a hay, wood or hog rack. They are supplied with stake loops and rail support fasteners, which hold the parts firmly and securely in place. A frame constructed with these brackets will not come unfastened.

ONE SET IN A BOX.

JACKS AND CRANES.

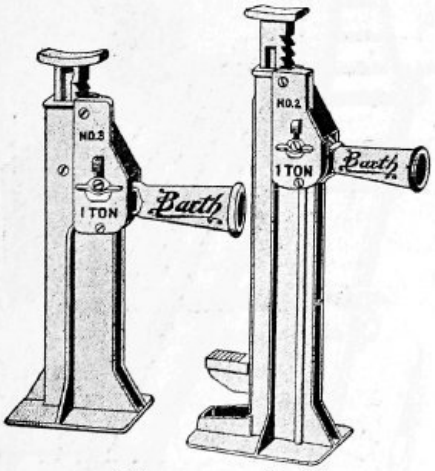
JACK SCREWS.

Cast Iron Barrel, Bell Bottom, Steel Screw and Collar.

SCREW, INCHES.	STAND, INCHES	HGHT., INCHES	CAP'TY, TONS	W'T, LBS.	EACH
1½x 8	8	11½	12	14	$4.25
1½x10	10	13	12	16	4.75
1½x12	12	15	12	19	5.25
1¾x 8	8	11	16	18	5.00
1¾x10	10	13	16	21	5.75
1¾x12	12	15	16	25	6.25
1¾x14	14	17	16	30	6.75
2 x 6	6	10	20	19	5.25
2 x 8	8	12	20	23	6.00
2 x10	10	14	20	26	6.75
2 x12	12	16	20	30	7.50
2 x14	14	18	20	35	8.25

The height given is the shortest length.

JACKS.



Nos. 03 and 01. No. 02.

BARTH, Highest Grade Malleable Iron, Carefully Selected and Thoroughly Tested, Double Action, Reversible.

No. 03—Height (rack down) 10½ in., rise of rack 7 in., capacity 1 ton, w't per doz. 78 lbs. ..... per dozen $24.00

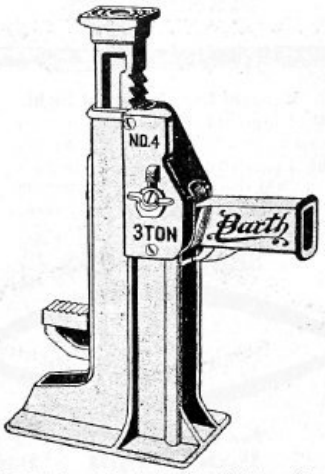
No. 01—Finished with two coats Spartan red enamel, otherwise same as No. 03, w't per doz. 78 lbs.. per dozen 27.00

These jacks are light, durable and strong; adapted for any kind of pleasure cars or light power trucks with low wheels.

No. 02—Height (rack down) 14½ in., rise of rack 11 in., capacity 1 ton, w't per doz. 108 lbs. ..... per dozen $33.00

Designed especially for a wagon jack and an all around farm jack of one ton capacity, also useful for high wheel automobiles.

JACKS.



BARTH, Highest Grade Malleable Iron, Carefully Selected and Thoroughly Tested, Double Action, Reversible.

No. 4—Height (rack down) 14 in., rise of rack 8 in., capacity 3 tons, w't per doz. 240 lbs. ..... per dozen $72.00

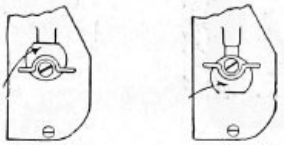
For lifting farm machinery, small traction engines, heavily loaded drays, motor trucks, brewery or coal wagons. An invaluable tool for the progressive thrasherman.

No. 5—Height (rack down) 18 in., rise of rack 11 in., capacity 6 tons, w't per doz. 396 lbs. ..... per dozen $108.00

Especially adapted for heavy traction engines and separators. It is compact and light in weight making it easy to handle.

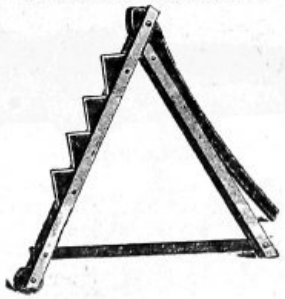
No. 6—Height (rack down) 20 in., rise of rack 12 in., capacity 10 tons, w't per doz. 816 lbs. ..... per dozen $240.00

For use around the heaviest traction engines, ditching machines, for house movers, contractors, mining, transfer and truck companies, or any person engaged in moving heavy machinery.



To Raise. To Lower.

To raise, turn eccentric flat part up.
To lower, turn eccentric flat part down.



MILLER'S, Wagon, Selected Ash, Bolted.

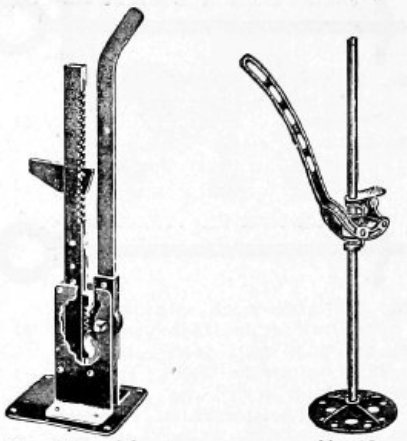
No. 111—1 in., capacity 2,000 lbs., w't per doz. 120 lbs. ..... per dozen $12.00

No. 112—1½ in., capacity 3,000 to 5,000 lbs., w't per doz. 156 lbs., per dozen 18.00

No. 113—2 in., capacity sufficient for use in raising traction engines and other machinery, w't per doz. 180 lbs., per dozen 27.00

HALF DOZEN IN A CRATE.

WAGON JACKS.



Nos. 1, 2 and 3. No. 18.

Japanned Steel, Operated by Compound Levers, Lifting Perpendicularly.

No. 1—Capacity 900 lbs., w't per doz 60 lbs. ..... per dozen $15.00

No. 2—Capacity 1,800 lbs., w't per doz. 125 lbs. ..... per dozen 22.50

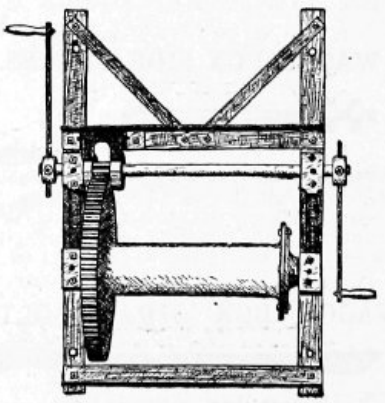
No. 3—Capacity 4,000 lbs., w't per doz. 168 lbs. ..... per dozen 50.00

No. 18—WINNER, 28 in., steel upright, iron base and lever, will lift 800 lbs., w't per doz. 66 lbs. ..... per dozen 18.00

The Winner may be operated entirely with one hand. Wherever stopped there it becomes instantly locked. Loosened instantly by raising the lever to upright position. One full throw will raise the load about 2 in.

HALF DOZEN IN A CRATE.

HOISTING CRANES.



No. 2—Single back geared, 4x14 in. cast winding drum, 1 in. cold rolled steel shaft, 32x24 in. steel frame, adjustable cranks, 1½x16 in. gear wheel, with heavy cogs, 2 in. pinion wheel, with 5 heavy steel teeth, w't 125 lbs., each. $18.00

One man can raise 1,000 lbs., and two men can raise 2,000 with ease. It is a strong, powerful and useful machine for farmers, contractors, hardware men, butchers, creamers, implement and feed stores.

MISCELLANEOUS HARDWARE SUPPLIES.

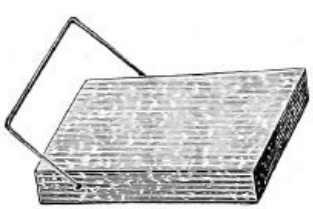
FELLOE OILERS.

No. 3—Galvanized iron, nested 3, 3½, 4 and 4½ in. wide, length 23 in., w't per doz. 18 lbs. ..... per dozen $5.50

No. 2—Cast iron, length 29 in., for ordinary 2 in. tires, w't per doz. 100 lbs. ..... per dozen $9.00

No. 1—Cast iron, length 33 in., for wide tires, w't per doz. 240 lbs., per dozen 18.00

FOOT WARMERS.



Soapstone, with Wire Bail.

Nos.	2	3	4	5
Size	7x9	8x10	8x12	10x12 in.
W't per doz.	100	125	150	175 lbs.
Per dozen	$4.37	5.00	5.62	6.25

ONE DOZEN IN A CRATE.

MECHANICS' AND HARDWARE MEN'S SOAP.

Wenzelmanns', made from pure vegetable oils, in bars weighing about ½ lb., w't per box 12 lbs., per box of 25 bars. $3.00

Removes stove polish, paint, oil and hardware dirt in general. Good for cleaning cases and windows.

Contains less lye than other soaps, is a mild but quick cleanser, has a healing effect on the skin, leaving it soft. Lathers freely in either hard or soft water.

Goes twice as far as other soap. Prepared especially for busy people, hardware men, printers, miners, plumbers, engineers, painters, foundrymen, railroadmen, tinners, carpenters, mechanics, blacksmiths, farmers and all who get dirty hands.

WE DO NOT BREAK BOXES.

AXLE GREASE.

In Boxes.

Hub Lightning	per gross	$ 7.50
Diamond	"	8.50
Frazer's	"	13.00

ONE THIRD GROSS IN A CASE. WEIGHT 75 LBS. PER CASE.

AXLE GREASE.

"OUR VERY BEST" Graphite, in Lithographed Tin Cans.

1 lb., one third gross cans in a case, w't per case 70 lbs. ..... per gross $16.00

3 lb., two dozen cans in a case, w't per case 90 lbs. ..... per gross 38.00

It is made from pure lubricating oils, contains no lumps, and has great wearing qualities. This grease contains a large percentage of graphite, which is unsurpassed as a lubricant. It will not run or gum, and is not affected by heat or cold. It is adapted for light and heavy wagons, drays and farm machinery. The graphite adheres to the spindle and prevents the grease from running.

1 lb. Carriage.

Wagon.

In Tin Cans.

1 lb., FRAZER'S, carriage	per dozen	$1.75
Small, FRAZER'S, wagon, w't about 1½ lbs.	per dozen	1.75
Medium, FRAZER'S, wagon, w't about 3 lbs.	per dozen	3.25
Large, FRAZER'S, wagon, w't about 5 lbs.	per dozen	4.75

1 LB. ONE DOZEN, SMALL AND MEDIUM TWO DOZEN, LARGE ONE DOZEN CANS IN A CASE.

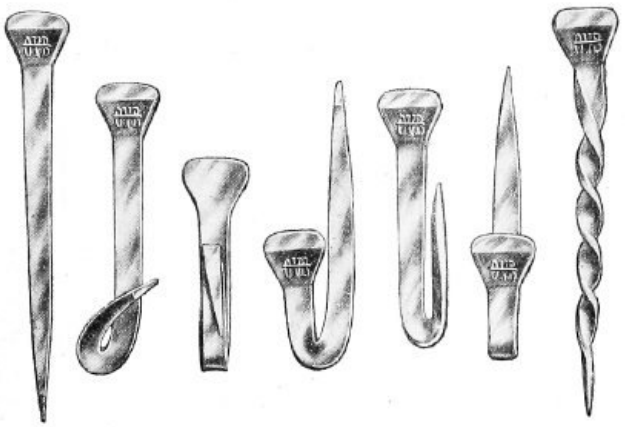
Wagon.

In Wood Pails.

15 lb., HUB LIGHTNING	each	$0.90
25 lb., HUB LIGHTNING	"	1.20
15 lb., FRAZER'S, wagon	"	1.00
25 lb., FRAZER'S, wagon	"	1.60

HORSE SHOE NAILS.

Drop Forged Regular Head, Extra Quality Cold Drawn Steel Body. Beveled Corners, Reinforced Points.



Hammer Pointed and well Polished will not Split or Break in Driving.

"OUR VERY BEST."

Nos.	4	5	6	7	8	9
Per pound	$0.50	.26	.23	.21	.20	.19

Horse Shoe Nails are made of steel of extreme toughness and ductility. Every "run" of metal is subjected to a searching chemical analysis to insure exact uniformity of product. The steel is manipulated to secure a high tensile strength and to eliminate the possibility of fracture.

FIVE POUNDS IN A PACKAGE; TWENTY-FIVE POUNDS IN A BOX.

PERFECT.

Regular Head, Hot Forged, Pointed and Polished.

Nos.	5	6	7	8	9
Per pound	$0.22	.19	.17	.16	.15

FIVE POUNDS IN A PACKAGE; TWENTY-FIVE POUNDS IN A BOX.

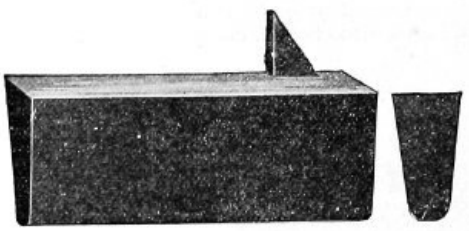
STAR.

Regular or City Heads, Cold Drawn, Hammer Pointed and Polished.

Nos.	4	5	6	7	8	9
Per pound	$0.50	.26	.23	.21	.20	.19

FIVE POUNDS IN A PACKAGE; TWENTY-FIVE POUNDS IN A BOX.

TOE CALKS.



BESSEMER Steel, Medium Pattern, Natural Finish.

Nos.	1	2	3	4	5	6
Length	1½	1¾	2	2¼	2½	2¾ in.
Per pound	$0.07	.07	.07	.07	.07	.07

JUNIATA, Medium Pattern, Forged Steel, Natural Finish.

Nos.	1	2	3	4	5	6
Length	1½	1¾	2	2¼	2½	2¾ in.
Per pound	$0.08	.08	.08	.08	.08	.08

SWEDES Iron, Medium Pattern, Natural Finish.

Nos.	1	2	3	4	5	6
Length	1½	1¾	2	2¼	2½	2¾ in.
Per pound	$0.11	.11	.11	.11	.11	.11

TWENTY-FIVE POUNDS IN A BOX.

HORSE SHOES.*

EXTRA LIGHT.

Front.

Hind.

Front.								
Size	0	1	2	3	4	5	6	7
W't each	10	13	15½	18½	22	25½	30	39 oz.
Number in a keg	160	123	103	86	73	63	53	41
Steel per keg, $								
Iron "								

Hind.								
Size	0	1	2	3	4	5	6	7
W't each	8	10½	13	16	19½	23	27	31 oz.
Number in a keg	200	152	123	100	82	70	59	51
Steel per keg, $								
Iron "								

LIGHT.

Front.										
Size	00	0	1	2	3	4	5	6	7	8
W't each	10	11	14	17	20	25	29	36	41	48 oz.
Number in keg	160	145	114	94	80	64	55	44	39	33
Steel per keg, $										
Iron "										

Hind.										
Size	00	0	1	2	3	4	5	6	7	8
W't each	7	9	11	14	18	22	27	31	35	40 oz.
Number in a keg	228	178	145	114	89	73	59	52	46	40
Steel per keg, $										
Iron "										

MEDIUM.

Front.									
Size	0	1	2	3	4	5	6	7	8
W't each	13	17	20	25	29	35	40	46	55 oz.
Number in a keg	123	94	80	64	55	46	40	35	29
Steel per keg, $									
Iron "									

Hind.									
Size	0	1	2	3	4	5	6	7	8
W't each	10½	14	16	20	24	29	34	38	43 oz.
Number in a keg	152	114	100	80	67	55	47	42	37
Steel per keg, $									
Iron "									

HEAVY.

Front.							
Size	1	2	3	4	5	6	7
W't each	18½	22	26	30	36	43	49½ oz.
Number in a keg	86	73	62	53	44	37	32
Steel per keg, $							
Iron "							

Hind.							
Size	1	2	3	4	5	6	7
W't each	15	18	22	28½	33½	38½	47 oz.
Number in a keg	107	89	73	56	48	42	34
Steel per keg, $							
Iron "							

EXTRA SWAGED.

Front.

Hind.

Front.								
Size	0	1	2	3	4	5	6	7
W't each	10	13	15½	18½	22	25½	30	39 oz.
Number in a keg	160	123	103	86	73	63	53	41
Steel per keg, $								

Hind.								
Size	0	1	2	3	4	5	6	7
Weight	8	10	12½	15½	19	22½	26½	31 oz.
Number in keg	200	160	128	103	84	71	60	51
Steel per keg, $								

LONG HEEL, LIGHT.

Front.

Hind.

Front.					
Size	3	4	5	6	7
Weight	22½	27	32½	38½	45 oz
Number in a keg	71	59	49	42	36
Iron per keg, $					

Hind.					
Size	3	4	5	6	7
Weight	20½	24	29	34	38 oz.
Number in a keg	78	66	55	47	42
Iron per keg, $					

LONG HEEL, MEDIUM.

Front.

Hind.

Front.					
Size	3	4	5	6	7
Weight	27	31	37	43	51 oz
Number in a keg	59	52	43	37	31
Iron per keg, $					

Hind.					
Size	3	4	5	6	7
Weight	24	28	34	40	46 oz
Number in a keg	67	57	47	40	35
Iron per keg, $					

SHORT HEEL.

Front.

Hind.

Front.								
Size	0	1	2	3	4	5	6	7
Weight	10	13	15½	18½	22	25½	30	39 oz.
Number in a keg	160	123	103	86	73	63	53	41
Steel per keg, $								

Hind.								
Size	0	1	2	3	4	5	6	7
Weight	8	10	12	15	19	22½	26½	31 oz.
Number in a keg	200	160	133	107	84	71	60	51
Steel per keg, $								

*FOR MILL SHIPMENT ONLY, F. O. B. PITTSBURGH.

HORSE SHOES.*

SNOW.

Front.

Hind.

Front.

Size	0	1	2	3	4	5	6	7
Weight	10	12	15	18½	23½	28	32	38 oz.
Number in keg	160	133	107	86	68	57	50	42
Iron, per keg, $								
Steel, "								

Hind.

Size	0	1	2	3	4	5	6	7
Weight	8	10½	12½	16	19½	23	27	33 oz.
Number in a keg	200	152	128	100	82	70	59	48
Iron, per keg, $								
Steel, "								

CITY PATTERN, LONG HEEL, LIGHT.

Front.

Size	2	3	4	5	6	7
Weight	20	23	26½	33	39	46½ oz.
Number in keg	80	70	60	48	41	34
Iron, per keg, $						
Steel, "						

Hind.

Size	2	3	4	5	6	7
Weight	18	21½	27	31	36½	41½ oz.
Number in keg	89	74	59	52	43	38
Iron, per keg, $						
Steel, "						

CITY PATTERN, LONG HEEL, MEDIUM.

Front.

Size	3	4	5	6	7
Weight	28	36	39	47	53 oz.
Number in keg	57	44	41	34	30
Iron, per keg $					
Steel, "					

Hind.

Size	3	4	5	6	7
Weight	25	31	35	41	46 oz.
Number in keg	64	52	46	39	35
Iron, per keg $					
Steel, "					

CITY PATTERN, SPRING HEEL, HEAVY.

Hind.

Size	1	2	3	4	5	6	7
Weight	15	18	22	28½	33½	38½	47 oz.
Number in keg	107	89	73	56	48	42	34
Iron, per keg, $							
Steel, "							

LIGHT DRIVING.

Front.

Hind.

Front.

Size	0	1	2	3	4	5
Weight	10	12	14	17	20	23 oz.
Number in a keg	160	133	114	94	80	70
Steel, per keg, $						

Hind.

Size	0	1	2	3	4	5
Weight	8	9	10	12	15	19 oz.
Number in a keg	200	178	160	133	107	84
Steel, per keg, $						

BRONCO.

Beveled Inside, Turned Heel.

Size	00	0	1	2	3
Weight	9	10	12	14	16 oz.
Number in a keg	178	160	133	114	100
Steel, per keg, $					

We can also furnish plain heel.

MULE SHOES.

Heavy.

Size	*00	*0	1	2
Weight	8	9	12	15 oz.
Number in a keg	200	178	133	107
Iron, per keg, $				
Steel, "				

Size	3	4	5	6
Weight	18	23	27	32 oz.
Number in a keg	89	70	59	50
Iron, per keg, $				
Steel, "				

Nos. 00 and 0 are light, made in steel only.

JACK SHOES.

STEEL

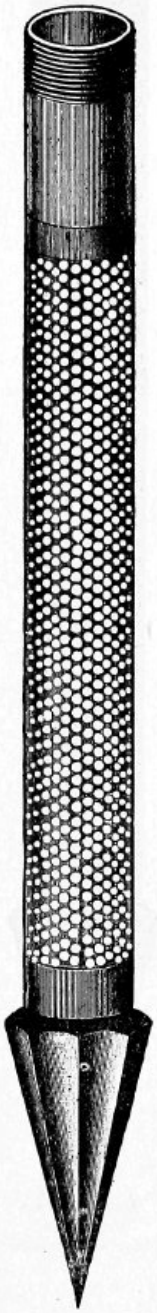
Standard Size, w't 6 oz. ..... per keg $

267 IN A KEG.

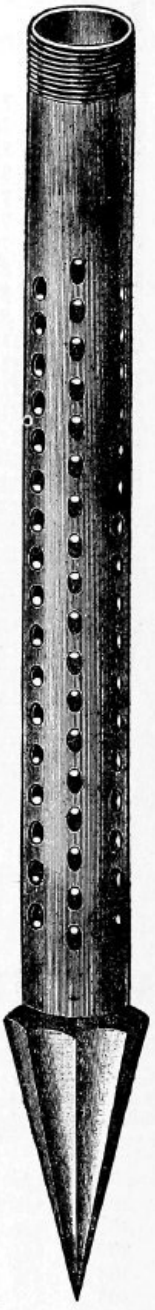
★*FOR MILL SHIPMENT ONLY F. O. B. PITTSBURGH.*

BRASS JACKET DRIVE WELL POINTS.

Wrought Iron Pipe, Punched Elliptical Holes and Galvanized, Covered with Brass Wire Gauze.

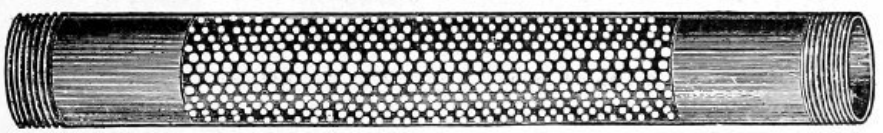


NOS.	DIAMETER INCHES.	LENGTH OF POINT, INCHES.	LENGTH OF JACKET INCHES.	NO. OF HOLES.	WEIGHT EACH, POUNDS.	NO. 60 GAUZE, PER DOZEN.	NO. 70 GAUZE, PER DOZEN.	NO. 80 GAUZE, PER DOZEN.	NO. 90 GAUZE, PER DOZEN.	NO. 100 GAUZE, PER DOZEN.
74	1	24	18	72	4½	$ 33.00	$ 40.00	$ 46.00	$ 52.00	$ 62.00
76	1	30	24	96	5½	42.00	49.00	56.00	64.00	78.00
78	1	36	30	120	6⅛	51.00	59.00	66.00	76.00	94.00
80	1	42	36	144	7¾	60.00	68.00	76.00	88.00	120.00
82	1	48	42	168	8¼	69.00	78.00	86.00	100.00	136.00
84	1	54	48	197	8¾	78.00	87.00	96.00	112.00	152.00
86	1¼	20	14	80	5	30.00	36.00	42.00	50.00	64.00
90	1¼	24	18	100	5½	36.00	44.00	52.00	60.00	80.00
94	1¼	30	24	130	6½	46.00	55.00	64.00	75.00	100.00
98	1¼	36	30	165	7½	56.00	66.00	76.00	90.00	120.00
100	1¼	42	36	200	8½	66.00	77.00	88.00	105.00	140.00
102	1¼	48	42	270	9½	76.00	88.00	100.00	120.00	160.00
106	1¼	54	48	260	10½	86.00	99.00	112.00	135.00	180.00
110	1¼	60	54	290	11½	96.00	110.00	124.00	150.00	200.00
112	1¼	66	60	320	12½	106.00	121.00	136.00	165.00	220.00
114	1¼	72	66	350	13½	116.00	132.00	148.00	180.00	240.00
136	1½	24	18	120	7	48.00	57.00	65.00	78.00	94.00
140	1½	30	24	162	8¼	60.00	70.00	80.00	96.00	118.00
144	1½	36	30	198	9¼	72.00	84.00	95.00	114.00	142.00
146	1½	42	36	240	10¾	84.00	97.00	110.00	132.00	166.00
148	1½	48	42	276	12	96.00	111.00	125.00	150.00	188.00
150	1½	54	48	312	13¼	108.00	124.00	140.00	168.00	204.00
152	1½	60	54	348	14¼	120.00	138.00	155.00	186.00	228.00
154	1½	66	60	384	15¾	132.00	151.00	170.00	204.00	252.00
156	1½	72	66	420	17	144.00	165.00	185.00	222.00	276.00
160	2	24	18	144	10	75.00	85.00	94.00	110.00	130.00
164	2	30	24	208	11¾	90.00	101.00	112.00	132.00	160.00
168	2	36	30	264	13½	105.00	118.00	130.00	154.00	190.00
170	2	42	36	288	15¼	120.00	134.00	148.00	176.00	220.00
172	2	48	42	336	17	135.00	151.00	166.00	198.00	250.00
174	2	54	48	384	18¾	150.00	167.00	184.00	220.00	280.00
176	2	60	54	432	20½	165.00	184.00	202.00	242.00	310.00
178	2	66	60	480	22¼	180.00	200.00	220.00	264.00	340.00
180	2	72	66	528	24	195.00	217.00	238.00	286.00	370.00
184	2½	36	30	300	22	180.00	205.00	230.00	260.00	300.00
188	2½	48	42	360	27½	230.00	265.00	300.00	340.00	400.00
192	2½	60	54	420	33	280.00	325.00	370.00	420.00	500.00
196	2½	72	66	480	38½	330.00	385.00	440.00	500.00	600.00
200	3	36	30	300	29	240.00	275.00	310.00	340.00	410.00
204	3	48	42	420	36½	300.00	345.00	390.00	430.00	520.00
208	3	60	54	540	44	360.00	415.00	470.00	520.00	630.00
212	3	72	66	660	52½	420.00	485.00	550.00	610.00	740.00
216	4	48	36	360	61½	480.00	520.00	560.00	600.00	700.00
220	4	72	60	600	72	630.00	695.00	760.00	840.00	1000.00
224	4	96	84	840	93	780.00	870.00	960.00	1080.00	1300.00
228	4	120	108	1080	114	930.00	1045.00	1160.00	1320.00	1600.00



The engraving on the left shows the complete point with gauze and jacket on; the one on the right shows the point punched with elliptical holes before the gauze is put on. These points have the holes punched a uniform distance apart, are galvanized outside and in after the holes are punched, are, therefore, non-corrosive.

WELL POINT EXTENSIONS.



Wrought Iron Pipe, Galvanized. Price list same as above.

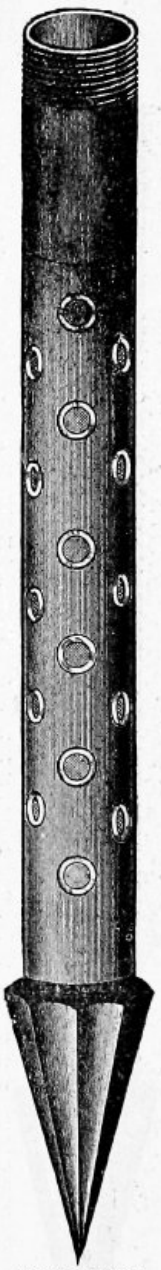
FLUSH OR TUBULAR WELL POINTS.

Flush or Tubular. Nos. 73 to 135.

Wrought Iron Pipe, Galvanized, with Covered Jacket, Brass Gauze.

NUMBER.	DIAMETER, INCHES.	LENGTH OF POINT, INCHES.	LENGTH OF JACKET, INCHES.	NUMBER OF HOLES.	WEIGHT EACH, POUNDS.	NO. 60 GAUZE, PER DOZEN.	NO. 70 GAUZE, PER DOZEN.	NO. 80 GAUZE, PER DOZEN.	NO. 90 GAUZE, PER DOZEN.	NO. 100 GAUZE, PER DOZEN.
73	1	30	18	72	5½	$ 34.00	$ 40.00	$ 45.00	$ 50.00	$ 55.00
75	1	36	18	72	6⅛	38.00	44.00	50.00	56.00	66.00
75½	1	36	24	96	6⅞	43.00	49.00	55.00	62.00	77.00
77	1	42	24	96	7¾	47.00	54.00	60.00	68.00	82.00
77½	1	42	30	120	7¾	52.00	59.00	65.00	74.00	93.00
79	1	48	30	120	8¼	56.00	63.00	70.00	80.00	98.00
79½	1	48	36	144	8¼	61.00	68.00	75.00	86.00	109.00
81	1	54	36	144	8¾	65.00	73.00	80.00	92.00	114.00
81½	1	54	42	144	8¾	70.00	78.00	85.00	98.00	125.00
83	1	60	42	168	9¼	74.00	82.00	90.00	104.00	130.00
116	1¼	24	18	100	5½	36.00	44.00	52.00	60.00	80.00
117	1¼	30	18	100	6½	41.00	49.00	57.00	65.00	85.00
117½	1¼	30	24	130	6½	46.00	55.00	64.00	75.00	100.00
118	1¼	36	24	130	7½	51.00	60.00	68.00	80.00	105.00
119	1¼	42	24	130	8½	56.00	65.00	73.00	85.00	110.00
120	1¼	48	24	130	9½	61.00	70.00	78.00	90.00	115.00
121	1¼	36	30	165	7½	56.00	66.00	76.00	90.00	120.00
122	1¼	42	30	165	8½	61.00	71.00	80.00	95.00	125.00
123	1¼	48	30	165	9½	66.00	76.00	85.00	100.00	130.00
124	1¼	54	30	165	10½	71.00	81.00	91.00	105.00	135.00
125	1¼	42	36	200	8½	66.00	77.00	88.00	105.00	140.00
126	1¼	48	36	200	9½	71.00	82.00	92.00	110.00	145.00
127	1¼	54	36	200	10½	76.00	87.00	97.00	115.00	150.00
128	1¼	60	36	200	11½	81.00	92.00	102.00	120.00	155.00
130	1¼	54	42	230	10½	81.00	92.00	104.00	125.00	165.00
130½	1¼	60	42	230	11½	86.00	98.00	110.00	130.00	170.00
131	1¼	66	42	230	12½	91.00	103.00	115.00	135.00	175.00
132	1¼	60	48	260	11½	91.00	104.00	116.00	140.00	180.00
133	1¼	66	48	260	12½	96.00	109.00	122.00	145.00	185.00
135	1¼	72	48	260	13½	101.00	114.00	127.00	150.00	190.00

The plug is securely riveted to enable point to be driven from the inside.

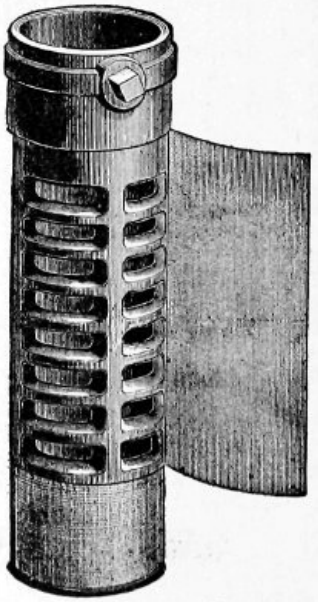


Washer Drive Well Point. Nos. 300 to 326.

WASHER DRIVE WELL POINTS.

Wrought Iron Pipe, Galvanized, Bored and Countersunk, Holes Covered with Brass Gauze, Held in Place by a Brass Washer, and Riveted.

NUMBER.	DIAMETER, INCHES.	LENGTH OF PIPE, INCHES.	NUMBER OF HOLES.	WEIGHT EACH, POUNDS.	NO. 60 GAUZE, PER DOZEN.	NO. 70 GAUZE, PER DOZEN.	NO. 80 GAUZE, PER DOZEN.	NO. 90 GAUZE, PER DOZEN.	NO. 100 GAUZE, PER DOZEN.
300	1¼	20	50	5	$30.00	$36.00	$42.00	$50.00	$64.00
301	1¼	24	60	5½	36.00	44.00	52.00	60.00	80.00
302	1¼	30	80	6½	46.00	55.00	64.00	75.00	100.00
303	1¼	36	100	7½	56.00	66.00	76.00	90.00	120.00
304	1¼	42	120	8½	66.00	77.00	88.00	105.00	140.00
305	1¼	48	140	9½	76.00	88.00	100.00	120.00	160.00
320	1½	24	80	7	48.00	57.00	65.00	78.00	94.00
321	1½	30	110	8¼	60.00	70.00	80.00	96.00	118.00
322	1½	36	130	9½	72.00	84.00	95.00	114.00	142.00
323	1½	42	150	10¾	84.00	97.00	110.00	132.00	160.00
324	2	30	140	11¾	90.00	101.00	112.00	132.00	160.00
325	2	36	170	13½	105.00	118.00	130.00	154.00	190.00
326	2	42	220	15¼	120.00	134.00	148.00	176.00	220.00



Showing No. 338 Suction Strainer, with Gauze removed to show construction.

Malleable Iron, Tinned, with Set Screw.

No. 338—Inches,	1	1¼	1½
Weight,	1	1¼	1½ lbs.
Galvanized and Gauze Covered,	$0.28	.32	.36

ALL WELL POINTS ON THIS PAGE WILL BE SHIPPED FROM FACTORY OR PACKED UP IN CITY.

"STAR POINTER" FORCE PUMPS.

Satisfactory Results Guaranteed.

Such is our confidence in the ability of "Star Pointer" Pumps to satisfy under any and all conditions of the farm or village that we guarantee them absolutely satisfactory.

In buying a pump the following vital points should be taken into consideration:

1. Quantity of water to be handled.
2. The amount of power necessary to operate.
3. The pump should be capable of delivering water to elevated position whether this point is near or distant.
4. Depth of water from surface and ability of pump to receive and deliver it with a minimum of exertion.
5. Possibility of using a hose nozzle without the necessity of using a small supply cylinder but a cylinder of satisfactory capacity.
6. The power required should not be beyond that of the ordinary daily wind.

Star Pointer Pumps will prove satisfactory not only in the results obtained but in ease of operation. More water can be moved with less exertion or power than with any other pump made. We have found by actual tests that our power pump will operate with one horse power under conditions that require three to four horse power with others.

They will permit a greater plunger load and deliver water at a greater distance and a higher elevation with less exertion or power than any other. When the water is confined within the pump for the purpose of causing force or velocity, it creates a pressure in the pump and the operator is lifting water against pressure which requires more and more exertion with each stroke of the handle to overcome.

Star Pointer Pumps discharging water through a nozzle or line of pipe do not cause the water to be confined between the upper pipe or cylinder to give force or velocity of the water. The water is discharged from the pump as rapidly as supplied by the cylinder, hence no surplus of water is allowed to stand in the pump or in the lift pipe supplying the cylinder; thus, only the actual weight of water in the connecting pipe from the cylinder to chamber is to be overcome. This makes it possible to use greater capacity cylinder, also to place cylinder at a greater depth.

Other force pumps confine water between the pump and lower cylinder in order to obtain force or velocity. Under this condition, the greater the diameter of cylinder and lower the depth the cylinder might be placed, increases the plunger load, making it impossible to use hose and nozzle or permit water to be carried to an elevation on account of the enormous power that would be necessary.

By actual test with a power gauge attached to a pump equipped with a 3½ inch cylinder and ⅜ inch discharge port, the handle being operated at the rate of sixty 6 inch strokes per minute, no pressure was indicated, showing that the water was discharged as rapidly as it entered the pump. Under these conditions, the same velocity was obtained that would have been had 50 lbs. hydraulic pressure been used. With a ¾ inch hose and full opening a ten foot stream was obtained, without any pressure being indicated. With the discharge port of 3/16 inch and water traveling 58 feet from end of nozzle, a pressure of only 15 lbs. was shown.

These tests were made with a pump taken from stock and not one chosen for this particular purpose.

Pump manufacturers generally specify the use of a certain diameter of cylinders for various depths of wells. They also specify the use of small diameter of cylinders regardless of depth of wells where windmill power is used.

We do not specify small cylinders for deep wells but do advise the use of *large* ones. This means quantity of flow without increased effort. Cylinders of different dimensions are listed which are used under a pump of the same size and construction, as the pump itself will handle the water supplied by the larger cylinders. We list the different cylinders to suit the requirements of wells of different bores from 2½ inches and larger.

We do not hesitate to make our guarantee broad. All Star Pointer Pumps are sold on their merits. All we ask is that the pump be properly set with pipe connections right, and that the well have sufficient quantity of water in it.

Thousands of Star Pointer Pumps sold on these conditions are still giving satisfaction and none has been returned. They are an easy lift pump in addition to a force pump of great power. Where they are known it is the experience of dealers that the public will have no other. A pump being a necessity the one that satisfied all users is a trade maker, and a credit to the dealer.

Directions for Setting Pumps.

The Star Pointer Pumps are placed in the well the same as all lift pumps having a detached cylinder. We ship pump with cylinder attached All necessary pipe and rod can be furnished by us if so desired. We suggest that the cylinder be placed within 10 or 15 feet of the water. In shallow wells a set length can be made of this pump and can be so shipped by us, if so orderded.

The cut will show how to determine the length of pipe and rod necessary for pump in any well. Length of cylinder used in these figures is 10 inch; caps included make 14 inches over all, therefore if longer cylinders are used, deduct the additional length and use that figure in computing.

HOW TO ASCERTAIN LENGTH OF PIPE AND ROD REQUIRED FOR PUMP.

All Star Pointer pumps extend 4½ ft. below the platform, consequently this should be deducted from the depth of the well. The cylinder is 14 in. long and as the pipe should not extend closer than 1 ft. from the bottom of the well so that 6½ feet can be deducted from the distance from the platform to the bottom of the well, which would give the required amount of pipe. The cylinder can be placed anywhere within the vacuum limit, which is 27 or 28 ft., but in practice it is best to place it about 15 ft. above the average surface of the water. The rod (3-8 or 7-16 in.) necessary can be ascertained by deducting the length of pipe below the cylinder from the total length of pipe required.

EXAMPLE—To find the quantity of pipe and rod necessary for a well 75 ft. deep, containing 3 ft. of water: See illustration at left of page.

From 75 ft., the depth from platform to bottom of well, deduct the following: 4½ ft., distance from platform to bottom of pump; 14 in., total length of cylinder; 1 ft. distance from bottom of well to lower end of suction pipe; giving total of 6 ft. 8 in. to be deducted, leaving 68 ft. 4 in., amount of pipe needed.

Deduct from 68 ft. 4 in. (quantity of pipe required) 17 ft. (length of suction pipe), leaving 51 ft. 4 in., amount of rod required.

"STAR POINTER" FORCE PUMPS.

(See page 653 for General Description.)

Satisfactory Results Guaranteed.

No. 205.

Hand Power, Double Acting, Anti-Freezing. For Deep or Shallow Wells.

This is a hand force pump of excellent design and the best seller on the market, built on a most up-to-date scientific principle which makes it possible for us to supply a pump that fills a long felt want. Every user of this pump becomes an everlasting friend and causes the Star Pointer to be the prevailing pump in the community. It is *used as a lift pump or for forceing water through a hose, with less effort* than any other pump on the market.

Children eight years old have operated this pump where cylinders were down 150 feet.

It is provided with upper and lower brass cylinders, so that the flow is divided between the upward and downward strokes of the handle. The water filling the upper cylinder and not discharged from the spout on down stroke of handle, is discharged on the up stroke, giving an even steady flow from the spout.

The relative sizes of lower and upper cylinder can be proper for the reason that the upstroke of the handle is easy as well as the downstroke, making it the easiest pump to operate in deep or shallow wells even with the use of hose. The discharge pipe is 1 inch in diameter, the air chamber is 1¼ inches in diameter and of ample length.

The base being adjustable, the distance between the spout and platform can be increased to suit conditions.

Where the opening in the well is less than 8 inches, a well pit must be provided for. (For 6 inch cased well see page 654A, No. 500.)

The materials used are the very best grey and malleable iron castings, steel rods, heavy seamless brass tubing and high class workmanship. From base to bottom of chamber is 4½ ft.; from base to spout 21 in. Painted maroon color and neatly striped with gold.

	SIZE	UPPER CYLINDER	LOWER CYLINDER	SUCTION PIPE	STROKE	TAPPED FOR LEAD PIPE	SHIPPING W'T	EACH
No. 205	1	1⅝ in.	2½×10 in.	1¼ in.	6 in.	1¼ in.	80 lbs.	$17.00
No. 205	2	2 in.	3 ×10 in.	1¼ in.	6 in.	1¼ in.	80 lbs.	17.00
No. 205	3	2 in.	3½×10 in.	1½ in.	6 in.	1¼ in.	80 lbs.	18.00

Pump Standard only, tapped for 1¼-in. pipe..... each 12.00

With Three-Way Valves for Underground Pipe Connection to Tank in House or any Part of Premises.

	SIZE	UPPER CYLINDER	LOWER CYLINDER	SUCTION PIPE	STROKE	TAPPED FOR LEAD PIPE	SHIPPING W'T	EACH
No. 205	1	1⅝ in.	2½×10 in.	1¼ in.	6 in.	1¼ in.	80 lbs.	$19.00
No. 205	2	2 in.	3 ×10 in.	1¼ in.	6 in.	1¼ in.	80 lbs.	19.00
No. 205	3	2 in.	3½×10 in.	1½ in.	6 in.	1¼ in.	80 lbs.	20.00

Pump Standard only, tapped for 1¼-in. pipe..... each 14.00

We furnish cylinder 12 in. long without extra charge when specified.

Where set length is wanted specify in order, no extra charge.

The pump is provided with 3-8 inch rod coupling, 7-16 inch coupling furnished if preferred.

Windmill or Hand Power, Double Acting, with Three-Way Valve, Anti-Freezing, Steady Flow.

No. 305.

These pumps are designed to be used with windmill, gasoline engine or hand power. Any eight-foot windmill will operate this pump in a light wind, bringing the water from deep well to elevated tank at any distance. They work so easy by hand that you are independent of your windmill in case of accident.

The water is discharged as rapidly as supplied by each stroke, consequently no surplus of water is created in the pump, to obtain a force of the water, thus power is not increased in forcing water through one inch underground pipe to elevated or distantly located tanks. Stream being even and steady, no back pressure or pounding is created in pipe or pump.

Satisfactory results are guaranteed with three-inch cylinder under any eight-foot windmill in wells where water stands 100 feet or more from the surface. In the average well we recommend the use of 3½-inch cylinder, which means water in satisfactory quantities for stock purposes.

This pump is handsome and symmetrical in design. They are set the same as any three-way or lift pump. All parts are made extra heavy at such points where the greatest strain would be brought to bear, giving a pump of light appearance but of sufficient strength to withstand all abuse that it might be subjected to, worked by power or for deep well.

The upper cylinder is screwed tightly into a flange which is bolted securely to the chamber of the pump, these are interchangeable in size, so any size can be used to suit size of lower cylinder. By removing the two bolts, cylinder can be removed in replacing the valve, without removing pump from well. The three-way lever is provided with roller bearing, thus avoiding sticking from rust or sleet.

All three-way seats are brass, thus insuring a long life to the rubber three-way valve. The flat rod is of steel and extra long, thus giving a stiff, straight stroke. All material is of the very best, all light parts are malleable iron, painted maroon and neatly striped with gold.

Elbow connection to underground pipe is of heavy malleable iron, of sufficient strength to withstand the strain where the ground under the platform settles. If stroke longer than 10 inch is wanted, upper and lower cylinders can be supplied to suit condition at slight additional cost.

Where opening in well is less than 8 in., a well pit must be provided for. (For 6 in. cased wells, see page 654A, No. 600.)

	SIZE	UPPER CYLINDER	LOWER CYLINDER	SUCTION PIPE	STROKE	TAPPED FOR LEAD PIPE	SHIPPING W'T	EACH.
No. 305	2	1¼× 8 in.	2 ×10 in.	1¼ in.	6 in.	1¼ in.	100 lbs.	$21.00
No. 305	3	1⅝× 8 in.	2½×10 in.	1¼ in.	6 in.	1¼ in.	100 lbs.	21.00
No. 305	4	1⅝× 8 in.	3 ×10 in.	1¼ in.	6 in.	1¼ in.	100 lbs.	21.00
No. 305	5	2 × 8 in.	3½×10 in.	1½ in.	6 in.	1¼ in.	100 lbs.	22.00
No. 305	6	1¼×12 in.	2 ×12 in.	1¼ in.	10 in.	1¼ in.	100 lbs.	21.50
No. 305	7	1⅝×12 in.	2½×12 in.	1¼ in.	10 in.	1¼ in.	100 lbs.	21.50
No. 305	8	1⅝×12 in.	3 ×12 in.	1¼ in.	10 in.	1¼ in.	100 lbs.	21.50
No. 305	9	2 ×12 in.	3½×12 in.	1½ in.	10 in.	1¼ in.	100 lbs.	22.50

Without three-way valve deduct $2.00 from list.

Pump Standard only, with three-way valve, tapped for 1¼ in. pipe, each $16.00

Pump Standard only, without three-way valve, tapped for 1¼ in. pipe, ... each 14.00

Where set length is wanted specify in order, no extra charge.

Unless otherwise specified these pumps are furnished with three way valve for distributing water to any part of premises.

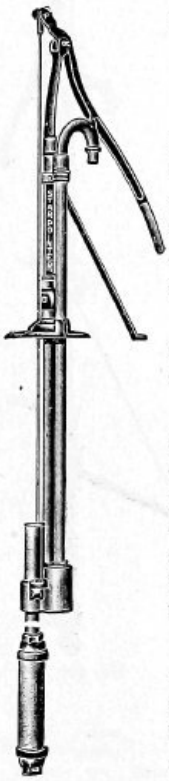
Can be furnished for any stroke of windmill longer than 10 in. when so specified.

IN ORDERING STATE NUMBER AND SIZE, DETERMINE THIS BY DIAMETER OF WELL, NOT DEPTH.

"STAR POINTER" FORCE PUMPS.

(For General Description, see page 653.)

Satisfactory Results Guaranteed.



No. 500.

Double Acting, Hand Power, for 6-Inch Cased Wells, Anti-Freezing.

(Internal Bore, 5⅝ in.)

Used as a lift pump or for forcing water through hose, it operates with less effort than any other pump on the market. It is of excellent design, built on scientific principles, and fills a long felt want. It is built to be used in 6-inch cased wells, where internal diameter of casing is 5⅝ inches, allowing casing to come flush with platform or base of pump.

It is provided with adjustable base, which admits of increasing distance between platform and spout so as to suit any condition.

It is provided with upper and lower brass cylinders, so that the flow is divided between the upward and downward strokes of the handle. The water filling the upper cylinder and not discharged from the spout on down stroke of handle, is discharged on the up stroke, giving an even steady flow from the spout. The discharge pipe is 1 inch in diameter, the air chamber is 1¼ inches in diameter and of ample length.

The materials used are the very best grey and malleable iron castings, steel rods, heavy seamless brass tubing and high class workmanship. From base to bottom of chamber is 4½ feet; from base to spout 21 inches. Painted maroon color and neatly striped with gold.

	SIZE	UPPER CYLINDER	LOWER CYLINDER	SUCTION PIPE	STROKE	TAPPED FOR LEAD PIPE	SHIPPING WEIGHT	EACH
No. 500	1	1⅝ in.	2½×10 in.	1¼ in.	6 in.	1¼ in.	80 lbs.	$17.00
No. 500	2	2 in.	3 ×10 in.	1¼ in.	6 in.	1¼ in.	80 lbs.	17.00
No. 500	3	2 in.	3½×10 in.	1½ in.	6 in.	1¼ in.	80 lbs.	18.00

Pump Standard only, tapped for 1¼ in. pipe.....each $12.00

The pump is provided with 3-8 inch rod coupling, 7-16 inch coupling furnished if preferred.

Double Acting, Windmill or Hand Power, for 6-inch Cased Wells, Without Three-Way Valve, Anti-Freezing.

(Internal Bore, 5⅝ in.)

This is a double acting, anti-freezing force pump, for use with wind mill, gasoline engine or hand power, giving a steady even flow.

Any eight-foot windmill will operate this pump in a light wind, bringing the water from deep well to elevated tank at any distance.

These pumps are set the same as any three way or lift pump. The water is discharged as rapidly as supplied by each stroke, consequently no surplus of water is created in the pump, to obtain a force of the water, thus power is not increased in forcing water through one inch underground pipe to elevated or distantly located tanks. Stream being even and steady, no back pressure or pounding is created in pipe or pump.

The manufacturer guarantees satisfactory results with three inch cylinder under any eight foot windmill in wells where water stands 100 feet or more from the surface. In the average well we recommend the use of 3½-inch cylinder, which means water in satisfactory quantities for stock purposes. These pumps work so easy by hand that you are independent of your windmill in case of accident.

This pump is handsome and symmetrical in design. All parts are made extra heavy at such points where the greatest strain would be brought to bear, giving a pump of light appearance but of sufficient strength to withstand all abuse that it might be subjected to, worked by power or for deep well.

The upper cylinder is screwed tightly into a flange which is bolted securely to the chamber of the pump. These are interchangeable in size, so any size can be used to suit size of lower cylinder. By removing the two bolts, cylinder can be removed in replacing the valve, without removing pump from well.

The flat rod is of steel and extra long, thus giving a stiff, straight stroke. All material is of the very best, all light parts are malleable iron, painted maroon color and striped in gold.

No. 600.

	SIZE	UPPER CYLINDER	LOWER CYLINDER	SUCTION PIPE	STROKE	TAPPED FOR LEAD PIPE	SHIPPING W'T	EACH
No. 600	2	1¼× 8 in.	2 ×10 in.	1¼ in.	6 in.	1¼ in.	100 lbs.	$19.00
No. 600	3	1⅝× 8 in.	2½×10 in.	1¼ in.	6 in.	1¼ in.	100 lbs.	19.00
No. 600	4	1⅝× 8 in.	3 ×10 in.	1¼ in.	6 in.	1¼ in.	100 lbs.	19.00
No. 600	5	2 × 8 in.	3½×10 in.	1½ in.	6 in.	1¼ in.	100 lbs.	20.00
No. 600	6	1¼×12 in.	2 ×12 in.	1¼ in.	10 in.	1¼ in.	100 lbs.	19.50
No. 600	7	1⅝×12 in.	2½×12 in.	1¼ in.	10 in.	1¼ in.	100 lbs.	19.50
No. 600	8	1⅝×12 in.	3 ×12 in.	1¼ in.	10 in.	1¼ in.	100 lbs.	19.50
No. 600	9	2 ×12 in.	3½×12 in.	1½ in.	10 in.	1¼ in.	100 lbs.	20.50

Pump Standard only.....each $14.00

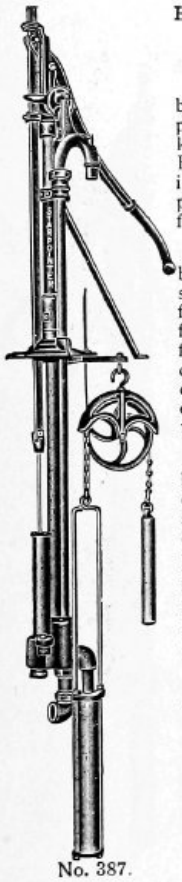
Furnished with 3-8 in. rod coupling, large size supplied when so specified.

Can be furnished for windmill of any length stroke longer than 10 in. when so specified.

Where set length pump is wanted, specify in order, no extra charge.

"STAR POINTER" FORCE PUMPS.

Satisfactory Results Guaranteed.



No. 387.

Hydraulic Windmill Regulator, Windmill or Hand Power, with Three-Way Valve and Hose Attachment.

With this regulator pump a water works system can be installed on any farm at the small expense of laying pipes. Have tanks located at points where needed, keep your windmill oiled and bolted up and the Star Pointer Regulator will keep tanks full. A float valve is required in each tank to prevent overflow. One pump and windmill will do the work of many. Plans for pipe system furnished on application.

This pump is specially designed for windmill use, but can be operated by hand. It is large, heavy and strong, built for extremely hard work. The hydraulic features are all placed below the platform protected from the weather and cattle. No levers used. The furl wire line of draft is direct from the hydraulic cylinder to the lever of the vane of the windmill, doing away with complicated devices which require excessive pressure in hydraulic cylinder, to overcome the slight resistance in pulling mill out of gear.

As this pump is easily operated by hand, it requires but little power of the windmill. The mill will go out of sail and into sail in extremely light wind, at the same time will operate when the wind is heavy. Simple of construction, positive in operation and can be depended upon, either for direct stroke or geared mill, large or small. The pump is regularly tapped for 1¼ inch pipe; if wanted for 2 inch tubular well it is tapped for 2 inch pipe. In this instance, base is arranged for the withdrawal of plunger and valve without removing pump from well.

The construction of this pump is identical with that of our No. 305 and is as easily operated in deep wells.

The hydraulic cylinder is fitted for the average mill requiring up to fifteen inches of travel of furl wire to pull mill out of sail. If greater travel of wire is required, so specify and it will be supplied at slight additional cost.

Made of best materials, painted maroon with gold stripes.

	SIZE	UPPER CYLINDER	LOWER CYLINDER	REGULATING CYLINDER	SUCTION PIPE	STROKE	SHIPPING W'T	EACH
No. 387	1	1¼× 8 in.	2 ×10 in.	2½×20 in.	1¼ in.	6 in.	125 lbs.	$27.50
No. 387	2	1⅝× 8 in.	2½×10 in.	2½×20 in.	1¼ in.	6 in.	125 lbs.	27.50
No. 387	3	1⅞× 8 in.	3 ×10 in.	2½×20 in.	1¼ in.	6 in.	125 lbs.	27.50
No. 387	4	2 × 8 in.	3½×10 in.	2½×20 in.	1½ in.	6 in.	125 lbs.	28.50
No. 387	5	1¼×12 in.	2 ×12 in.	2½×20 in.	1¼ in.	10 in.	125 lbs.	28.00
No. 387	6	1⅜×12 in.	2½×12 in.	2½×20 in.	1¼ in.	10 in.	125 lbs.	28.00
No. 387	7	1⅝×12 in.	3 ×12 in.	2½×20 in.	1¼ in.	10 in.	125 lbs.	28.00
No. 387	8	2 ×12 in.	3½×12 in.	2½×20 in.	1¼ in.	10 in.	125 lbs.	29.00

Tapped regularly with 1¼ in. lead pipe, 2 in. furnished if preferred.

For mills requiring 16 to 20 in. of wire travel add to list $1.00. For 20 to 24 in. of wire travel add to list $2.50.

Connecting rod coupling 3-8 inch, larger size furnished if desired.

Pump Standard only, tapped for 1¼ in. pipe. . . . . each $23.00

Hydraulic Regulator, Windmill or Hand Power.

Perfectly controllable in any wind.

A child can operate it as a hand pump.

The No. 400 regulating pump is of the same construction for pumping as our Nos. 305 or 387. The feature of this pump is in our new style regulator as cut shows. Chain weight and sheave are dispensed with.

There is no adjustment of levers or weights, the travel of lever will cause the furl wire to be drawn up to 28 inches, thus taking care of all makes of windmills, even those requiring a reel, where levers could not be used on account of extreme length necessary.

Any one can place this pump, as the setting is identical with setting of common lift pump. The furl wire passing down through platform at side of base of pump is attached to lever of regulator. Throw windmill to the wind and when tanks are filled the hydraulic cylinder will automatically pull mill out of sail whether the travel of wire be 7 inches or up to 28 inches. Tank must be fitted with float valve to prevent overflow.

The most simply constructed hydraulic regulator on the market.

No. 400.

	SIZE	UPPER CYLINDER	LOWER CYLINDER	REGULATING CYLINDER	SUCTION PIPE	STROKE	SHIPPING W'T	EACH
No. 400	1	1¼× 8 in.	2 ×10 in.	2½×9 in.	1¼ in.	6 in.	125 lbs.	$27.50
No. 400	2	1⅝× 8 in.	2½×10 in.	2½×9 in.	1¼ in.	6 in.	125 lbs.	27.50
No. 400	3	1⅞× 8 in.	3 ×10 in.	2½×9 in.	1¼ in.	6 in.	125 lbs.	27.50
No. 400	4	2 × 8 in.	3½×10 in.	2½×9 in.	1½ in.	6 in.	125 lbs.	28.50
No. 400	5	1¼×12 in.	2 ×12 in.	2½×9 in.	1¼ in.	10 in.	125 lbs.	28.00
No. 400	6	1⅜×12 in.	2½×12 in.	2½×9 in.	1¼ in.	10 in.	125 lbs.	28.00
No. 400	7	1⅝×12 in.	3 ×12 in.	2½×9 in.	1¼ in.	10 in.	125 lbs.	28.00
No. 400	8	2 ×12 in.	3½×12 in.	2½×9 in.	1¼ in.	10 in.	125 lbs.	29.00

Tapped regularly with 1¼ in. lead pipe, 2 in. furnished if preferred.

Pump Standard only, tapped for 1¼ in. pipe. . . . . each $23.00

"STAR POINTER" FORCE PUMPS.

Satisfactory Results Guaranteed.

No. 705.

Windmill or Hand Power, Double Acting, Anti-Freezing, for 2 Inch Tubular or Driven Wells.

These pumps are designed to be used with windmill, gasoline engine or hand power, for any depth of well.

It has all the essential efficient features of our No. 305 and is designed for the removal of the valves and rod from the well pipe without removing the pump head from the well.

By removing the segment in base and upper cylinder from the pump standard you can draw from the well the rod with valves attached up through the base of the pump, making it a quick and easy matter of repairing.

SIZE.	UPPER CYLINDER	STROKE	SUCTION PIPE	SHIPPING W'T.	EACH
No. 705—2 with three-way valve..	1¼× 8 in.	6 in.	2 in.	100 lbs.	$15.50
No. 705—6 with three-way valve..	1¼×12 in.	10 in.	2 in.	100 lbs.	16.00
No. 705—2 without three-way valve	1¼× 8 in.	6 in.	2 in.	100 lbs.	13.50
No. 705—6 without three-way valve	1¼×12 in.	10 in.	2 in.	100 lbs.	14.00

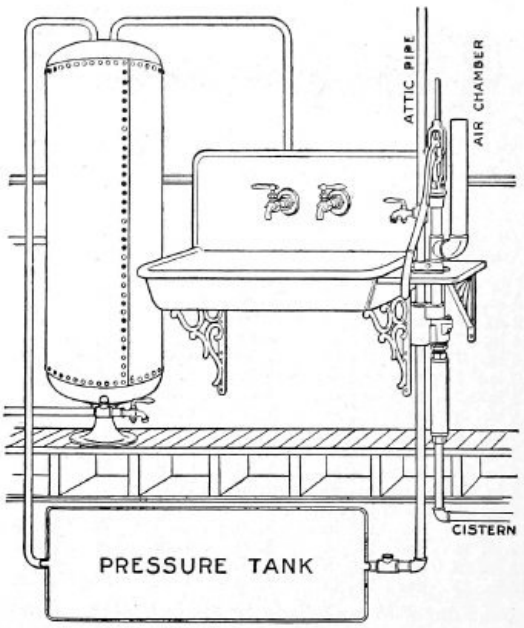
If cylinder or valves are wanted with pump add the following list to the above:

Two leather pappet plungers, with vail top pappet check, Eureka cylinder, 2 in., 12 in. stroke.....each $4.00

Without three way valve deduct $2.00.

The style of cylinder used would be the Eureka, a segment pipe cylinder, on tubular well valves.

Specify style of coupling wanted for wood or steel rod. If not specified, 3-8 inch steel rod coupling will be shipped.



Double Acting, for Kitchen, Basement or Laundry.

For forcing water into tank in attic or by use of pressure tank, force water through an ordinary pipe system through the house. Water can be taken from cistern or well, either or both, same may be located at a distance from house, providing the water in well stands within 28 feet from base of pump. (These pumps have been used where the source of water was 470 feet from pump on a level. Suction pipe 1¼ inches.)

A child can pump water to attic tank with capacity of 10 barrels at an elevation of 100 feet (if necessary) in forty minutes with little effort With pressure tank, fifty pounds pressure can be obtained very easily. This pressure will cause water to be discharged from a faucet at an elevation 100 feet. Fifteen pounds pressure will cause water to flow from faucet at 33 feet elevation. This is far in excess of actual conditions in the average house.

This pump will give you the advantages of bath room and all accessories. Illustration shows the pump located beside a sink in a kitchen with a range boiler. Note the pipe extending upward marked attic pipe. This pipe is the one that would be used if tank were located in the attic. The faucet as shown on pump over sink is where the water would be discharged from well or cistern if water was not taken from tank. A hose could be placed upon this connection and used in case of fire.

Cut also shows pressure tank attached to ceiling of cellar under kitchen. This tank could be placed at any place desirable, as water from it would be forced to any part of premises so piped. Any size tank can be used; same governed by demand for water. When pressure tank is used, the attic pipe is not necessary. This pump is constructed on the same lines as our hand and power pump, and has all the forcing qualities with a limited effort required to operate. Is double acting. From base to bottom of suction cylinder is 28 inches, base is 6½ inches wide and 8 inches long in direction of handle. The spout is 6 inches above base of pump.

To repair this pump remove pin from connecting rod to handle, then remove lower cap of cylinder and the rod with all valves can be taken from pump. We furnish this pump in either white or maroon enamels, neatly striped in gold. White finish will be shipped unless otherwise specified. It is extremely ornamental in design and noiseless in operation

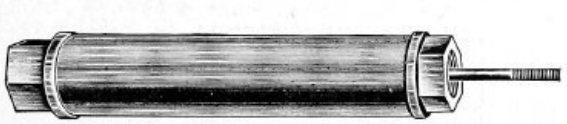
No. 800—Complete with 3 -inch cylinder, w't 60 lbs.....each $17.00
No. 800—Complete with 3½-inch cylinder, w't 60 lbs..... " 18.00

One pump can be connected with well and cistern and water drawn from either by placing a shut off valve in each suction pipe.

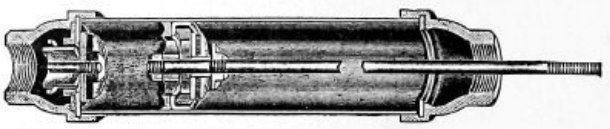
"STAR POINTER" PUMP CYLINDERS AND REPAIRS.

Satisfactory Results Guaranteed.

CYLINDERS.



Flush Cap.



Full Cap.

Seamless Brass with Iron Caps Either Full or Flush.

SIZE	WEIGHT	TAPPED FOR PIPE	IRON PLUNGER EACH	BRASS PLUNGER EACH
2 ×10 in.	5½ lbs.	1¼ in.	$4.50	$5.20
2 ×12 in.	6 lbs.	1¼ in.	5.00	5.70
2 ×14 in.	7 lbs.	1¼ in.	5.50	6.20
2 ×16 in.	7½ lbs.	1¼ in.	6.50	7.20
2½×10 in.	7 lbs.	1¼ in.	4.50	5.40
2½×12 in.	7½ lbs.	1¼ in.	5.00	5.90
2½×14 in.	8 lbs.	1¼ in.	5.50	6.40
2½×16 in.	8½ lbs.	1¼ in.	6.00	6.90
3 ×10 in.	7½ lbs.	1¼ in.	5.00	6.35
3 ×12 in.	8 lbs.	1¼ in.	5.50	6.85
3 ×14 in.	8½ lbs.	1¼ in.	6.00	7.35
3 ×16 in.	9 lbs.	1¼ in.	6.50	7.85
3½×10 in.	10 lbs.	1½ in.	5.50	7.25
3½×12 in.	11 lbs.	1½ in.	6.50	8.25
3½×14 in.	12 lbs.	1½ in.	7.00	8.75
3½×16 in.	13 lbs.	1½ in.	7.50	9.25

All Iron.

SIZE	WEIGHT	TAPPED FOR PIPE	EACH
2½×10 in.	8 lbs.	1¼ in.	$2.80
2¾×10 in.	9 lbs.	1¼ in.	3.00
3 ×10 in.	11 lbs.	1¼ in.	3.00
3½×10 in.	12 lbs.	1½ in.	4.00
2½×12 in.	9 lbs.	1¼ in.	3.50
2¾×12 in.	11 lbs.	1¼ in.	4.00
3 ×12 in.	12 lbs.	1¼ in.	4.00
3½×12 in.	14 lbs.	1½ in.	5.25
2½×14 in.	10 lbs.	1¼ in.	3.50
2¾×14 in.	13 lbs.	1¼ in.	4.50
3 ×14 in.	14 lbs.	1¼ in.	4.50
3½×14 in.	15 lbs.	1½ in.	5.75

Iron, Brass Lined.

SIZE	WEIGHT	TAPPED FOR PIPE	IRON PLUNGER EACH	BRASS PLUNGER EACH
2½×10 in.	9 lbs.	1¼ in.	$4.00	$4.90
2¾×10 in.	10 lbs.	1¼ in.	4.50	5.80
3 ×10 in.	12 lbs.	1¼ in.	4.50	5.85
3½×10 in.	14 lbs.	1½ in.	5.00	6.75
2½×12 in.	10 lbs..	1¼ in.	4.50	5.40
2¾×12 in.	12 lbs.	1¼ in.	5.00	6.30
3 ×12 in.	13 lbs.	1¼ in.	5.00	6.85
3½×12 in.	15 lbs.	1½ in.	5.50	7.25
2½×14 in.	11 lbs.	1¼ in.	5.00	5.90
2¾×14 in.	14 lbs.	1¼ in.	5.50	6.80
3 ×14 in.	15 lbs.	1¼ in.	5.50	6.85
3½×14 in.	16 lbs.	1½ in.	6.00	7.75

Use 2 inch flush cap cylinder for 2½ inch inside well casing. Use 2½ inch flush cap cylinder for 3 inch inside well casing. Use 3 inch flush cap cylinder for 3½ inch inside well casing. Use 3½ inch flush cap cylinder for 4 inch inside well casing.

When style of cap is not specified, we ship 2 and 2½ inch flush, 3 and 3½ inch full.

These cylinders are carefully made of materials that are calculated to give the best possible service. Satisfactory results are fully guaranteed and a single trial will convince the user of their superiority. We have absolute confidence in these cylinders and recommend them as the best on the market.

The plungers are so constructed that leather valves are not bent in operation, but move up and down with valve weight, thus clearing all ports in seat. Sand hardening will not prevent the use of these leathers.

All strokes are full, no possibility of blank or partial strokes.

The valve being limited in angle and alignment with the plunger rod it cannot be thrown out of position or stick by constant usage. The cup leather retains its original shape, lasting for a long time, its only wear being on the side in contact with the smooth barrel of cylinder. Seats are made of leather, valves of rubber and cannot corrode or gum as all seats of either brass or iron do, causing destruction of valve.

Spider of brass provided with ring striker instead of lugs, prevents any possibility of sticking.

The seating is positive and the cylinder always kept trimed.

Note special low lists on cylinders.

REPAIRS FOR IMPROVED PUMP CYLINDERS.

Diameters of Cylinders.	2 IN. EACH	2½ IN. EACH	2¾ IN. EACH	3 IN. EACH	3½ IN. EACH
Shell or body iron 10 inch		$1.20	$1.40	$1.40	$1.50
Shell or body iron 12 inch		1.30	1.60	1.60	2.15
Shell or body iron 14 inch		1.50	2.00	2.00	2.30
Shell or body iron 16 inch		1.60	2.20	2.20	2.50
Shell or body brass lined 10 inch		2.75	3.20	3.20	3.50
Shell or body brass lined 12 inch		2.90	3.30	3.30	3.85
Shell or body brass lined 14 inch		3.20	3.75	3.75	4.50
Shell or body brass lined 16 inch		3.60	4.25	4.25	5.20
Shell or body brass 10 in., full or flush cap (state which is wanted)	$2.25	2.40	2.90	2.90	3.50
Shell or body brass 12 in., full or flush cap (state which is wanted)	2.40	2.70	3.15	3.15	4.00
Shell or body brass 14 in., full or flush cap (state which is wanted)	3.00	3.20	3.75	3.75	4.35
Shell or body brass 16 in., full or flush cap (state which is wanted)	3.20	3.60	4.20	4.20	4.95
All iron plunger complete 1 leather	.80	.90	1.00	1.00	1.25
All iron plunger complete 2 leather	1.30	1.50	1.80	1.80	2.50
All brass plunger complete 1 leather	2.30	2.90	3.25	3.55	4.50
All brass plunger complete 2 leather	3.80	4.80	5.20	5.80	7.00
Check valves complete		.80	.85	.85	1.00
Iron upper cap full for brass body		.90	1.00	1.00	1.50

REPAIRS FOR IMPROVED PUMP CYLINDERS.

Diameters of Cylinders.	2 IN. EACH	2½ IN. EACH	2¾ IN. EACH	3 IN. EACH	3½ IN. EACH
Iron lower cap full for brass body		$0.90	$1.00	$1.00	$1.50
Iron upper cap flush for brass body	$0.75	.75	1.00	1.00	1.25
Iron lower cap flush for brass body	1.25	1.25	1.50	1.50	2.00
Caps for iron or brass lined cylinders upper		1.00	1.25	1.25	1.50
Caps for iron or brass lined cylinders lower		1.00	1.25	1.25	1.50
Plunger striker, iron	.10	.10	.10	.10	.10
Plunger striker, brass	.20	.20	.20	.20	.20
Plunger rod sleeve	.20	.20	.20	.20	.20
Plunger valve plate, iron	.10	.10	.10	.10	.10
Plunger valve plate, brass	.25	.25	.25	.30	.30
Plunger cage upper, iron	.15	.20	.25	.25	.30
Plunger cage upper, brass	.45	.60	.65	.75	.85
Plunger cage lower, iron	.15	.20	.25	.25	.30
Plunger cage lower, brass	.60	.60	.65	.75	85
Plunger nut, iron	.10	.10	.10	.10	.10
Plunger nut, brass	.15	.15	.15	.15	.15
Check valve plate, iron	.20	.20	.20	.20	.20
Check valve plate, brass	.40	.40	.40	.40	.40
Check valve seat, iron	.25	.25	.30	.30	.35
Check seat brass	.50	.50	.60	.70	.80
Check seat rubber	.20	.20	.25	.25	.30
Check seat brass spider with ring	.20	.20	.20	.20	.25
Plunger valve leather	.12	.12	.15	.20	.25
Leather gasket for full cap		.15	.20	.25	.30
Leather for check seat		.25	.30	.35	.40
Leather gasket for upper and lower flush cap	.15	.20	.25	.25	.30
SPECIAL cup leathers, 1¼ in. $0.12, 1⅝ in. $0.12	.15	.20	.25	.25	.30

REPAIRS FOR REGULATING PUMP CYLINDERS.

No. 387—Pump regulating cylinder complete	$ 7.00
No. 387—Pump regulating cylinder shell 2½×20 in	2.50
No. 387—Pump regulating cylinder plunger complete	1.00
No. 387—Pump regulating cylinder upper cap	.30
No. 387—Pump regulating cylinder lower cap	.30
No. 387—Pump, 10 in. chain wheel	1.00
No. 387—Pump yoke complete	1.50
No. 387—Pump chain	.75
No. 400—Pump regulating cylinder complete	10.00
No. 400—Pump regulating cylinder shell 2½×9 in	2.40
No. 400—Pump regulating cylinder upper cap or bracket	2.50
No. 400—Pump regulating cylinder lower cap	1.00
No. 400—Pump lug and bolt	.50
No. 400—Pump guide plate	.75
No. 400—Pump plunger coupling	1.50
No. 400—Pump plunger complete	3.00
No. 400—Pump lever	4.00
No. 400—Pump spring	1.00

"STAR POINTER" PUMP REPAIRS.

Satisfactory Results Guaranteed.

PUMP REPAIRS.

For No. 800.

No. 60—Handle	each	$1.25
No. 10—Head	"	1.50
Fulcrum	"	.40
One half base plain	"	1.00
One half base slotted	"	1.00
Steel pin 9-16×2¾ inches	"	.30
Steel pin 9-16×3 inches	"	.35
Pump rod complete	"	3.50
Pump rod upper half with leathers	"	2.50
Chamber	"	5.00
Upper cylinder 1⅝x8 in. with flange	"	1.50
Upper cylinder 2 x8 in. with flange	"	1.50
Upper cap lower cylinder 3 in	"	1.75
Upper cap lower cylinder 3½ in	"	1.50
Lower cap lower cylinder 3 in	"	1.00
Lower cap lower cylinder 3½ in	"	1.25
Lower cylinder shell 3 ×10 in	"	2.90
Lower cylinder shell 3½×10 in	"	3.50

For No. 387 or 400, all Sizes.

L—Chamber tapped for 1¼ or 2 in. pipe		$5.50

All other repairs same as No. 305.

For Nos. 205 and 500, Sizes 1, 2 and 3.

No. 86—Handle	each	$1.25
No. 6—Head	"	1.25
No. 44—Name plates	"	.20
No. 12—Brace collar	"	.25
No. 13—Brace collar with set screws	"	.35
No. 2—Rod eye	"	.30
No. 5—One half base	"	1.00
No. 16—One half base	"	1.00
No. 87—Hose attachment	"	.25
No. 4—Goose neck	"	1.00
No. K—Water chamber tapped for 1¼ or 2 inch suction pipe	each	5.00
No. K7—Water chamber for No. 500 tapped for 1¼ or 2 in. suction pipe	each	5.00
No. 99—Brace	"	.50

PUMP REPAIRS.

For Nos. 205 and 500, Sizes 1, 2 and 3.

Discharge pipe 1 inch	each	$1.15
Air chamber 1¼ inch	"	1.75
Steel pin 9-16x2⅛ inches	"	.20
Steel pin 9-16x2¾ inches	"	.30
Cages for 1⅝ inch upper cylinder	per set	.20
Cages for 2 inch upper cylinder	"	.20
No. 93A—Upper cylinder 1⅝×8 inches with flange	each	1.50
No. 93B—Upper cylinder 2 ×8 inches with flange	each	1.75
Rod complete		1.00
Rod coupling ½×⅜ in		.25

For 600, all Sizes.

No. 8 —Head	each	$1.50
No. 40 —Handle	"	1.50
No. 80 —Rod eye	"	.30
Cage for 1¼ upper cylinder	per set	.20
Cage for 1⅝ upper cylinder	"	.20
Cage for 2 upper cylinder	"	.20
No. 1—6 inch fulcrum	each	.40
Flat rod	"	1.25
Lower half of rod complete	"	1.25
No. 91A—Upper cylinder 1¼× 8 inches with flange	each	1.50
No. 93A—Upper cylinder 1⅝× 8 inches with flange	each	1.50
No. 93B—Upper cylinder 2 × 8 inches with flange	each	1.75
No. 92D—Upper cylinder 1¼×12 inches with flange	each	2.00
No. 92E—Upper cylinder 1⅝×12 inches with flange	each	2.50
No. 91F—Upper cylinder 2 ×12 inches with flange	each	3.00

All other repairs same as Nos. 205 and 500 are interchangeable on all Star Pointer pumps.

PUMP REPAIRS.

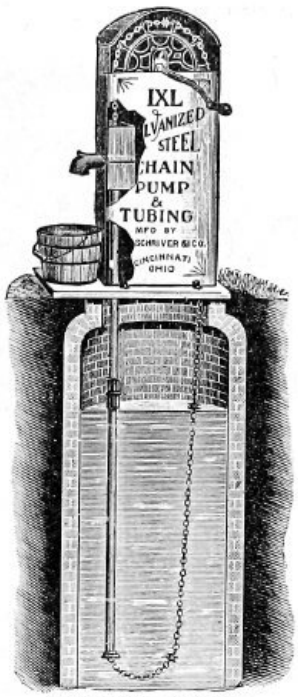
For Nos. 305 and 705, all Sizes, 6 and 10 Inch Stroke.

No. 40—Handle	each	$1.50
No. 8—Windmill head	"	1.50
No. 80—Windmill rod eye	"	.30
No. 38—Three-way rod eye	"	.30
No. 37—Three-way lever	"	.35
No. 7—Three-way rod packing nut	"	.15
No. 68—½ inch nut three-way rod	"	.20
Brass nuts for three-way	per set	.90
Rubber three-way valves	"	.60
Three-way rod only, threaded	each	1.00
Three-way brass seat	"	2.50
Flat rod	"	1.25
Lower half wind mill rod complete	"	1.25
No. 44—Name plates	"	.20
No. 12—Brace collar	"	.25
No. 13—Brace collar with set screw	"	.35
No. 15—Goose neck	"	2.00
No. 16—One half base plain	"	1.00
No. 5—One half base plain with slot	"	1.00
No. 18—One half base with segment with slot	each	1.50
No. 19—Segment with slot	"	.35
No. 87—Hose attachment	"	.25
No. K—Water chamber tapped for 1¼ or 2 inch suction pipe	each	5.00
Steel pin 9-16×2¾ in	"	.30
Steel pin 9-16×3 in	"	.35
Malleable pin 7-16 in	"	.20
No. 91A—Upper cylinder 1¼× 8 in. with flange	each	1.50
No. 93A—Upper cylinder 1⅝× 8 in. with flange	each	1.50
No. 93B—Upper cylinder 2 × 8 in. with flange	each	1.75
No. 92D—Upper cylinder 1¼×12 in. with flange	each	2.00
No. 92E—Upper cylinder 1⅝×12 in. with flange	each	2.50
No. 92F—Upper cylinder 2 ×12 in. with flange	each	3.00
Three-way union elbow		.72

WELL CURBS, PUMP PLATFORMS AND TUBING.

WELL CURBS.

No. 20.



Showing No. 30 in Use.

Galvanized Steel, Painted and Varnished.

No. 20—GEM, made of 4 pieces of steel, height 36 in., diameter 14½ in., extension base 8×16 in., spout 1¾×6½ in., 10 fork roller wheel, diameter 10½ in., w't packed 27 lbs.....each $3.25

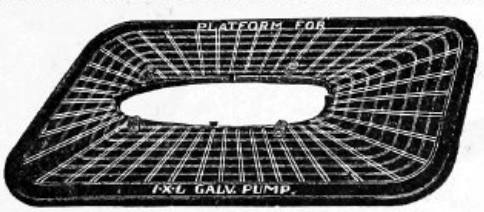
No. 30—IXL, made of 3 pieces of steel, height 40 in., diameter 16 in., base 9×17 in., spout 1¾×6¾ in., 10 fork roller wheel, diameter 12 in., w't packed 40 lbs.....each 4.75

Covered with two coats of paint and varnished. Will not rot, rust, warp or fall to pieces. No rivets or solder used in construction. All parts securely locked by seams and will not come apart.

PUMP PLATFORMS.

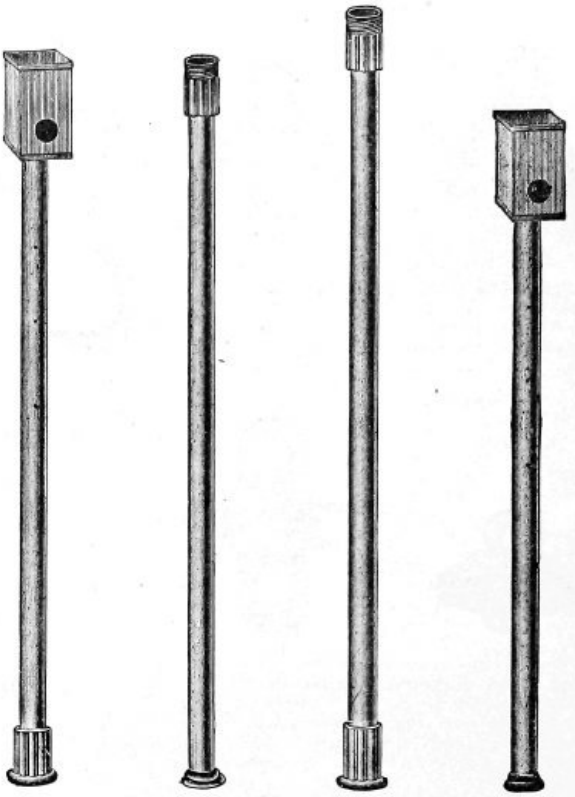
No. 21—12½×20 in., cast iron, japanned, for Gem pumps, w't 9 lbs.....each $1.25

No. 35—29x31 in., cast iron, japanned, for Gem pumps, w't 48 lbs.....each $5.00



No. 31—33×35 in., cast iron, japanned, for IXL pumps, w't 80 lbs., each..... $7.00

IXL PUMP TUBING.



No. 33. No. 34. No. 35. No. 36.

42 Gauge Galvanized Steel, Adapted to all Well Curbs.

No. 33—Reservoir, with half coupling, 5, 6, 7, 8, 9 and 10 ft. lengths, to be used in connection with funnel tubing in wells from 10 to 19 ft. deep.....per foot $0.11

No. 34—Funnel, with half coupling, 6, 8 and 10 ft. lengths, to be used in connection with reservoir tubing in wells from 10 to 19 ft. deep.....per foot .11

No. 35—Plain, with half coupling on each end to connect ends of Nos. 33 and 34 respectively, 8 and 10 ft., used in wells deeper than 19 ft. to lengthen reservoir and funnel tubing to required depth.....per foot .11

No. 36—Reservoir with funnel, 9 to 10 ft. lengths, to be used without couplings in wells 8 and 9 ft. deep.....per foot .11

Leaves the water clear and pure, will not rust, rot, or accumulate filth, never freezes. Weighs only ½ lb. to the foot and can be used in wells as deep as 40 ft. Can be used with any style of pump curb, wood or iron, as the stirrup on all other curbs will fit the square reservoir box.

To get proper length of tubing for cistern, add 1 ft. to depth of cistern from platform to bottom. This will give proper allowance for tubing in curb and the right distance it should hang from bottom.

PRICE PER FOOT DOES NOT INCLUDE COUPLINGS.

Showing Couplings and Method of Attaching.

No. 38—Extra couplings for connecting IXL tubing.....per pair $0.25

PUMP FIXTURES.

RUBBER BUCKETS.

Half Size Cuts.

Wychoff.

Star.

Wychoff, white rubber, galvanized iron link, w't per gro. 21 lbs.....per 100 $7.50
Star, flat top, rubber supporting braces, galvanized iron link, w't per gro. 16 lbs.....per 100 8.00

Cooper.

IXL.

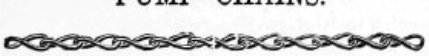
Cooper, white rubber, galvanized iron link, w't per gro. 16 lbs.....per 100 $ 7.00
IXL, best quality rubber, galvanized link, anti-freezing, self-adjusting, reversible, w't per gro. 18 lbs....per 100 10.40

In Use.

Showing Rubber Turned Back

Victor, best quality white rubber, galvanized malleable iron link, adjustable thumb nut, w't per gro. 19 lbs., per gross..... $20.00

PUMP CHAINS.



No. 6—Galvanized, for rubber buckets, w't per 100 ft. 30 lbs.....per 100 $13.90

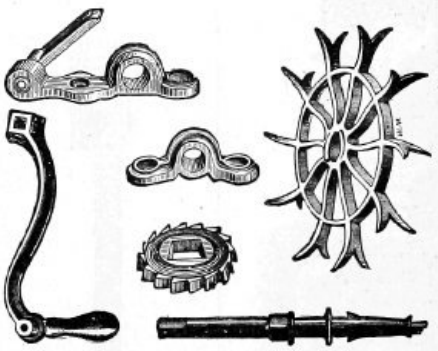
PUMP RODS

3/8 in., galvanized in 18 ft. lengths, per lb. $0.10
7-16 in., galvanized in 18 ft. lengths, " .10

PUMP ROD COUPLINGS

3/8 in., galvanized.....per lb. $0.25
7-16 in., galvanized..... " .25

CHAIN PUMP FIXTURES.



No. 10—10 fork roller, for rubber bucket chain, w't per doz. sets 73 lbs., per dozen sets $9.00

ONE SET IN A PACKAGE.

WELL WHEELS.

Japanned Iron, Swivel Hook.

Wheel.....	8	10	12	14 in.
W't per doz...	42	60	72	120 lbs.
Per dozen.....$3.25		4.00	5.00	8.25

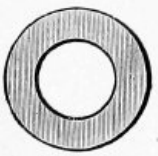
WELL WHEEL HOOKS.

No. 1—Wrought iron, with nut and washer, 3/8×8 in., w't per doz. 4 lbs. per dozen..... $1.00

ONE DOZEN IN A BOX.

PUMP LEATHERS.

Valve.



Plunger.

Valve.

Nos.....	1	2	3
Diameter.....	3	3 5/8	4 1/8 in.
Per dozen.....	$0.80	1.00	1.20

Plunger.

Nos.....	21	22	23
Diameter.....	3	3 5/8	4 1/8 in.
Per dozen.....$0.80		1.00	1.20

ONE DOZEN IN A BOX.

CRIMPED PLUNGER LEATHERS

Or Cup Leathers.

Nos.....	8	9	10	11
Diameter..	1 1/4	1 1/2	1 3/4	2 in.
Per dozen..$0.40		.50	.65	.70

Nos.....	12	13	14	15
Diameter..	2 1/2	3	3 1/4	3 1/2 in.
Per dozen..$1.10		1.40	1.50	1.65

No. 12 is adapted for No. 1 pitcher spout pump; No. 13 for No. 2; No. 15 for No. 3.

TWO DOZEN IN A BOX.

THRESHER TANK PUMP VALVES.

No. 25—Leather, diameter 5 in., w't per doz. 1 3/4 lbs.....per dozen $4.80

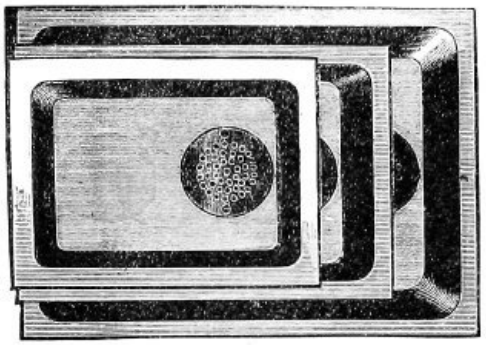
WELL BUCKET VALVES.

No. 60—(Diam.)..	4	4 1/2	5 in.
W't per doz.....	5 1/4	6 1/2	7 lbs.
Per dozen.....$3.15		3.15	3.15

No. 60—(Diam.)..	5 1/2	6	7 in.
W't per doz.....	8	8 1/2	10 1/2 lbs.
Per dozen.....$3.15		3.15	3.15

SINKS.

PAINTED.



Cast Iron.

Wrought Steel.

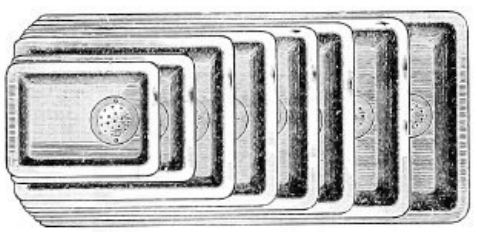
Cast Iron.

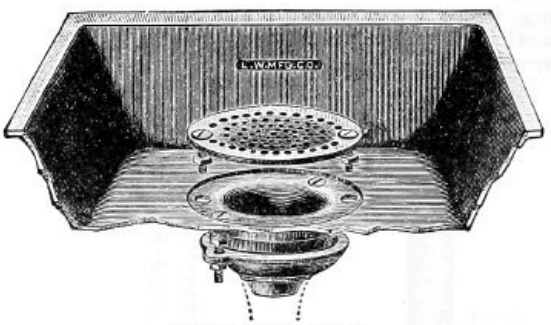
No. 65—Inches,	16x24	16x28	16x30	18x30	20x30	18x32	18x36	20x36
Weight,	31	33	34	38	42	43	46	47 lbs.
Each,	$1.80	2.10	2.25	2.50	3.00	3.00	3.00	3.70

Wrought Steel.

No. 44—Inches,	16x24	18x30	18x36	20x30	20x36
Weight,	10	14	17	15	18 lbs.
Each,	$2.00	2.50	3.25	3.00	3.75

WHITE ENAMELED.





Showing Construction.

Cast Iron, Improved Waste Connection.

No. 58—Inches,	16x24	16x28	16x30	18x30	18x36	20x30	20x36
Weight,	25	28	33	35	39	36	44 lbs.
Each,	$6.50	7.50	7.75	8.50	9.50	9.00	10.50

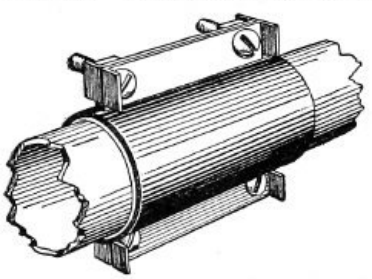
When the waste pipe requires forcing out, or repairs are needed, the strainer can be quickly and easily detached, without disturbing the joint between waste pipe and sink. The strainer bolts have brass nuts at bottom to avoid setting with rust. The waste pipe is connected with the collar, the strainer being separately fastened. With most sinks, when the waste pipe requires forcing out it is necessary to disconnect the pipe and draw it and the tap out of the door of the casing below, thus injuring the pipe and trap. Frequently the bolts have to be cut off; in consequence the collars are often broken and sometimes the sink.

SINK COUPLINGS.

For Iron Pipe.

No. 1—Cast iron, for 1¼ in. pipe, w't 8 lbs., - each $0.50
No. 2—Cast iron, for 1½ in. pipe, w't 9 lbs., - " .55

PIPE MENDERS.



No. 9—DOMESTIC, wrought steel, japanned, rubbe lined, adjustable for ¾ in. and larger lead or iron pipe, per dozen $3.50

Makes a good and permanent repair. Bursted pipes can be quickly mended to last indefinitely. Can be removed at any time and a wiped joint substituted. An indispensable necessity to every householder.

WEIGHT 6 LBS. PER DOZEN.

LEAD PIPE.

Size,	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2	in.
Aqueduct—W't per ft.,	½	⅝	¾	1	1½	1½	2	3 lbs.			
Average length, -	175	140	100	85	55	55	42	28 ft.			
Extra Light—W't per ft.,	9/16	¾	1¼	1½	2	2	2½	3½	3¾	4	lbs.
Average length, -	155	235	140	115	85	85	70	42	40	40	ft.
Light—W't per ft., -	¾	1	1¾	2	2½	2½	3	4	4½	5	lbs.
Average length, -	235	175	100	85	70	70	55	40	35	30	ft.
Medium—W't per ft.,	1	1¼	2	2¼		3¼	3¾	5	5½	7	lbs.
Average length, -	175	140	85	75		53	48	32	28	22	ft.
Strong—W't per ft., -	1½	1¾	2½	3		4	4¾	6	6½	8	lbs.
Average length, -	120	100	70	58		43	35	36	23	18	ft.
Extra Strong—W't per ft.,	2	2½	3	3½		4¾	6	7½	8	9	lbs.
Average length, -	90	70	58	48		35	28	20	20	16	ft.
Extra Extra Strong—W't per ft.,		3	3½	4		5½	6¾	9		10½	lbs.
Average length, -		60	50	44		30	24	17		15	ft.

¼ in. tubing, w't per ft. 6 oz.
¼ in. fish seine, w't per ft. 15 oz.
All Sizes, - - -

STEEL PIPE.

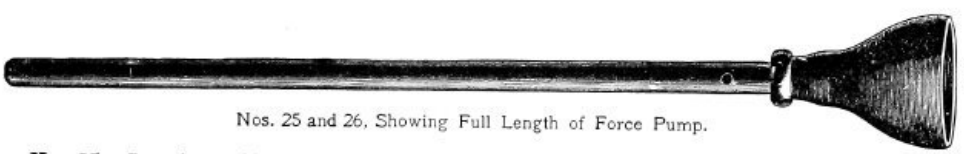
Size,	⅛	¼	⅜	½	¾	1	1¼ in.
Outside diameter,	.40	.54	.67	.84	1.05	1.31	1.66 in.
W't per 100 ft.,	24	42	56	84	112	167	224 lbs
Black, per foot	$0.05½	.05½	.05½	.08½	.11½	.16½	.22½
Galvanized, "	.05½	.05½	.05½	.08½	.11½	.16½	.22½

Size,	1½	2	2½	3	3½	4	4½ in.
Outside diameter,	1.90	2.37	2.87	3.50	4.00	4.50	5.00 in.
W't per 100 ft.,	269	366	577	754	905	1072	1249 lbs
Black, per foot	$0.27	.36	.57½	.75½	.95	1.08	1.30
Galvanized, "	.27	.36	.57½	.75½	.95	1.08	1.30

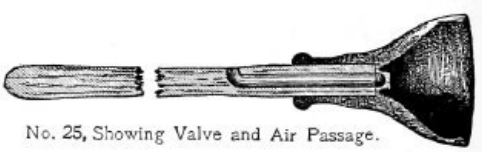
Size,	5	6	7	8	9	10	12 in.
Outside diameter,	5.56	6.62	7.62	8.62	9.68	10.75	12.75 in.
W't per 100 ft.,	1256	1876	2341	2835	3407	4064	5465 lbs.
Black, per foot	$1.45	1.88	2.35	2.82	3.40	4.25	5.20
Galvanized, "	1.45	1.88	2.35	2.82			

Extra heavy, double the list of regular. The size given is the inside diameter.

HANDY FORCE PUMPS.



Nos. 25 and 26, Showing Full Length of Force Pump.

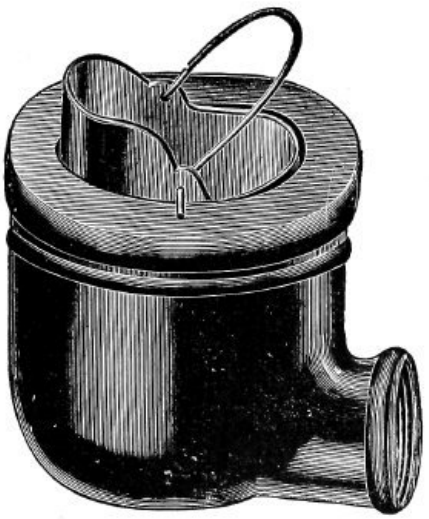


No. 25, Showing Valve and Air Passage.

No. 25—Seamless rubber cup, 4 in. in diameter, long handle, with valve, weight per dozen 30 lbs., - - - per dozen $24.00
No. 26—Seamless rubber cup, 4 in. in diameter, long handle, without valve, weight per dozen 30 lbs., - - - " 18.00

The Handy force pump has demonstrated its practicability and extreme usefulness. It is one of those very simple inventions which have revolutionized previous methods. It is a standard tool for the plumber, hotel and flat owner, and should be in every house where running water is used. It will clean the trap of any sink, wash bowl, urinal or closet in a minute, and used occasionally keeps traps clean and prevents sewer gas and sickness.

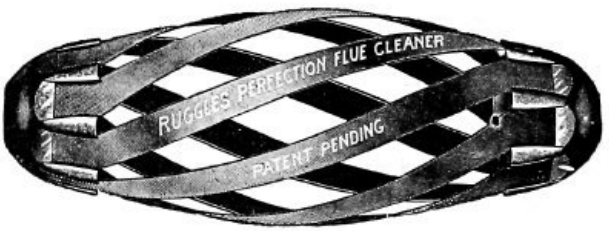
SWIVEL WATER CONDUCTORS.



No. 100—Cast iron, japanned, swivel with wire loop, can be attached to any iron pump spout, threaded for 1¼, 1½ or 2 in. pipe, w't per doz. 48 lbs., - - per dozen $6.00

SPECIFY SIZE OF PIPE IN ORDERING.

FLUE CLEANERS.



Ruggles' Perfection, Cast Steel, Spring Steel Blades.

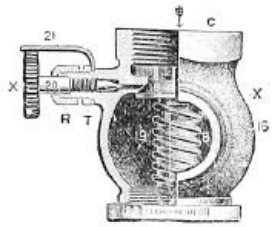
Size,	1	1¼	1½	1¾	2 in.
Weight,	⅜	¼	⅜	½	⅝ lbs.
Each,	$2.00	2.00	2.00	2.00	2.00

Size,	2¼	2½	2¾	3	3¼ in.
Weight,	¾	1	1¼	1½	1¾ lbs.
Each,	$2.25	2.50	2.75	3.00	3.25

Size,	3½	4	★4½	★5	★6 in.
Weight,	1⅜	2½	3	4	5½ lbs.
Each,	$3.50	4.00	5.00	6.00	7.00

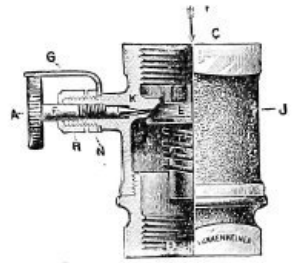
No screws or rivets, made of best material, light, strong and simple. Cutters arranged so as to be always in direct contact with the metal of the flues, will override any irregularities of the tubes such as blisters and welds. The blades have a long shearing cut with a tendency like a plane to work in deeper, which keeps the knives always sharp. The size given is the outside diameter of the boiler flue for which the cleaner is intended, all boiler flues being designated by the outside diameter.
★*Special sizes not carried in stock, but made to order only.*

LUNKENHEIMER GENERATOR VALVES.



Plain Angle Pattern, for Two Port Two Cycle Gasoline Engines Only, Brass.

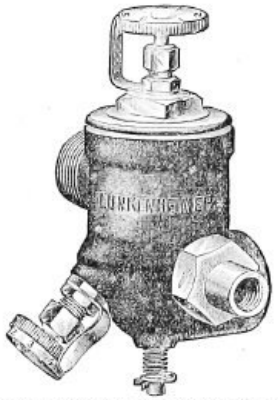
No. 779—Pipe connection	½	¾	1 in.
Inlets tapped for pipe	⅛	¼	¼ in.
Each	$2.60	3.30	4.00
No. 779—Pipe connection	1¼	1½	2 in.
Inlets tapped for pipe	¼	¼	¼ in.
Each	$4.80	6.00	7.50



Plain Vertical Pattern, for Two Port Two Cycle Gasoline Engines, Brass.

No. 780—Pipe connection	½	¾	1 in.
Inlets tapped for pipe	⅛	¼	¼ in.
Each	$2.60	3.30	4.00
No. 780—Pipe connection	1¼	1½	2 in.
Inlets tapped for pipe	¼	¼	¼ in.
Each	$4.80	6.00	7.50

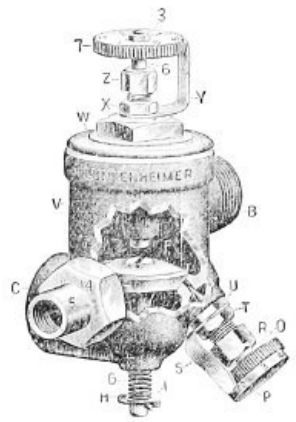
The plain pattern valves illustrated above are the original and simplest forms of generator valves. Although they do not contain the improvements of the "Nonpareil" valves they are nevertheless well made and reliable.



"NONPAREIL," Type B, Right Hand, with Regulation for Lift of Disc, No Throttle Valve, for Gasoline Engines, Brass.

No. 79—Size	½	¾	1 in.
Union connection tapped for pipe	⅛	⅛	⅛ in.
Each	$4.25	5.25	6.25
No. 79—Size	1¼	1½	2 in.
Union connection tapped for pipe	⅛	⅛	⅛ in.
Each	$7.75	9.40	14.00

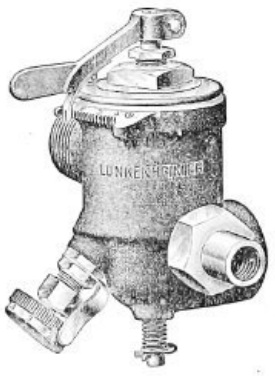
These valves are provided with an adjusting stem to control the lift of the disc, thus regulating the quantity of air drawn into the engine. (See general description at bottom of first column, page 660.)



"NONPAREIL," Type B, Left Hand, with Regulation for Lift of Disc, No Throttle Valve, for Gasoline Engines, Brass.

No. 78—Size	½	¾	1 in.
Union connection tapped for pipe	⅛	⅛	⅛ in.
Each	$4.25	5.25	6.25
No. 78—Size	1¼	1½	2 in.
Union connection tapped for pipe	⅛	⅛	⅛ in.
Each	$7.75	9.40	14.00

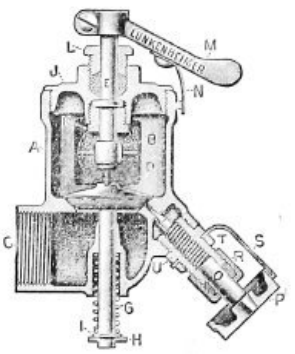
These valves are the same in construction as the No. 79, except that they are left hand. (See general description at bottom of first column, page 660.)



"NONPAREIL," Type A, Right Hand, with Sliding Throttle Controlling the Outlet Passage, No Regulation for Lift of Disc, for Gasoline Engines, Brass.

No. 81—Size	½	¾	1 in.
Union connection tapped for pipe	⅛	⅛	⅛ in.
Each	$5.00	6.25	7.50
No. 81—Size	1¼	1½	2 in.
Union connection tapped for pipe	⅛	⅛	⅛ in.
Each	$9.00	11.20	15.90

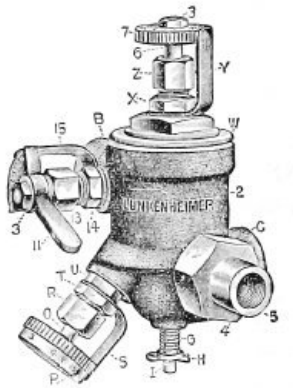
The special feature of this valve is the revolving throttle for controlling the speed of the engine by regulating the supply of mixture. (See general description at bottom of first column, page 660.)



"NONPAREIL," Type A, Left Hand, with Sliding Throttle Controlling the Outlet Passage, No Regulation for Lift of Disc, for Gasoline Engines, Brass.

No. 80—Size	½	¾	1 in.
Union connection tapped for pipe	⅛	⅛	⅛ in.
Each	$5.00	6.25	7.50
No. 80—Size	1¼	1½	2 in.
Union connection tapped for pipe	⅛	⅛	⅛ in.
Each	$9.00	11.20	15.90

This valve is the same in construction and use as the No. 81, except that it is left hand. (See general description at bottom of first column, page 660.)



"NONPAREIL," Type C, Right Hand, with Means for Regulating Lift of Disc and Butterfly Valve in Outlet Passage, for Gasoline Engines, Brass.

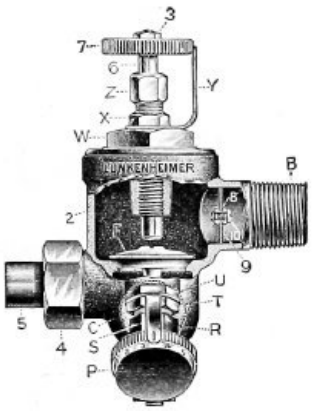
No. 77—Size	¾	1	1¼ in.
Union connection tapped for pipe	⅛	⅛	⅛ in.
Each	$6.75	8.50	10.00
No. 77—Size	1½		2 in.
Union connection tapped for pipe	⅛		⅛ in.
Each	$11.50		16.00

This style of valve is provided with three adjustments, the gasoline needle valve for controlling the gasoline, an adjusting stem for regulating the quantity of air by governing the lift of the disc, and a butterfly throttle for regulating the quantity of mixture drawn into the engine.

The throttle lever is provided with a notched sector and dial for securing the setting of the valve. (See general description at bottom of first column, page 660.)

VALVES AND COCKS.

LUNKENHEIMER GENERATOR VALVES, Continued.



"NONPAREIL," Type C, Left Hand, with Means for Regulating Lift of Disc and Butterfly Valve in Outlet Passage, for Gasoline Engines, Brass.

No. 76—Size..	¾	1	1¼ in.
Union connection tapped for pipe....	⅛	⅛	⅛ in.
Each.....$6.75		8.50	10.00

No. 76—Size..	1½	2 in.
Union connection tapped for pipe.....	⅛	⅛ in.
Each.....$11.50		16.00

Same in construction and use as the No. 77 valve, except that it is left hand. (See general description below.)

GENERAL DESCRIPTION OF "NONPAREIL" GENERATOR VALVES.

To meet the various requirements of the gasoline engine trade, we offer the following types A, B and C in generator valves.

They are made in right and left hand patterns, with the inlet to the rear and the needle valve in front; the right hand pattern has the outlet to the left, while the left hand pattern has the outlet to the right.

Only the highest grade of bronze composition is used in their manufacture, and the metal is distributed in correct proportions throughout.

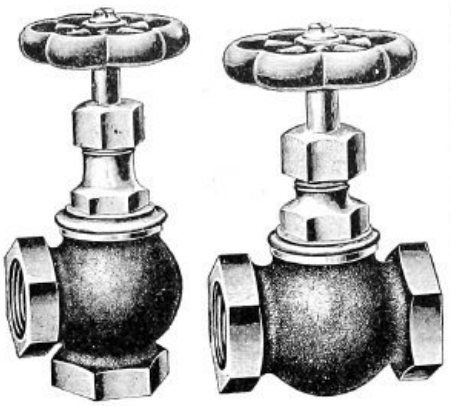
The discs are made of a very hard and tough bronze composition having a tensile strength of about 50,000 pounds.

The mushroom shape makes them stronger and also prevents leakage of gasoline around the guide stem. The discs are provided with a screw driver slot for regrinding when worn.

"Nonpareil" valves cannot be excelled for the two-port two cycle engines, not even by a good carburetor. They have also been used with success on four cycle and three port two cycle engines.

The different features of types A, B and C are described under their respective illustrations.

GLOBE AND ANGLE VALVES.



No. 111, Angle. No. 110, Globe.

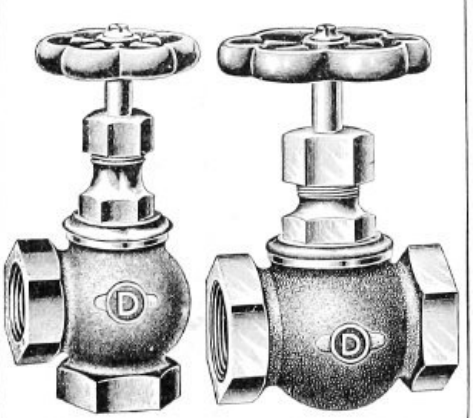
REGULAR, Good Grade Steam Metal, Milled Hexs and Bonnet, Black Japanned Wheel, Angle.

No. 111—Size..	¼	⅜	½	¾ in.
Each.....$0.72		.77	1.00	1.26
No. 111—Size..	1	1¼	1½	2 in.
Each.....$1.80		2.52	3.50	5.30

REGULAR, Good Grade Steam Metal, Milled Hexs and Bonnet, Black Japanned Wheel, Globe.

No. 110—Size..	¼	⅜	½	¾ in.
Each.....$0.72		.77	1.00	1.26
No. 110—Size..	1	1¼	1½	2 in.
Each.....$1.80		2.52	3.50	5.30

The above valves are all tested and suitable for low pressure steam, or water.



No. 102, Angle. No. 101, Globe.

EXTRA QUALITY, High Grade Steam Metal, Milled Hexs, Bonnet and Stuffing Box, Hard Metal Discs, Black Japanned Wheel, Angle.

No. 102—Size..	¼	⅜	½	¾ in.
Each.....$0.72		.77	1.00	1.26
No. 102—Size..	1	1¼	1½	2 in.
Each.....$1.80		2.52	3.50	5.30

EXTRA QUALITY, High Grade Steam Metal, Milled Hexs, Bonnet and Stuffing Box, Hard Metal Discs, Black Japanned Wheel, Globe.

No. 101—Size..	¼	⅜	½	¾ in.
Each.....$0.72		.77	1.00	1.26
No. 101—Size..	1	1¼	1½	2 in.
Each.....$1.80		2.52	3.50	5.30

These valves are tested to 200 lbs. hydraulic pressure and are suitable for 125 lbs. steam working pressure.

GATE VALVES.

EXTRA QUALITY, High Grade Steam Metal, Milled Hexs, Bonnet and Stuffing Box Nut, Double Discs, Black Japanned Wheel.

No. 119—Size..	½	¾	1 in.
Each.....$1.30		1.75	2.50

No. 119—Size..	1¼	1½	2 in.
Each.....$3.50		5.00	7.50

These valves have double discs that seat parallel without grinding and with instant release, tested to 200 lbs. hydraulic pressure and suitable for 125 lbs. steam working pressure. The mechanical construction of this valve is equal to any gate valve on the market.

STEAM COCKS.

No. 130, Square Head. No. 131, Flat Head.

EXTRA QUALITY, High Grade Steam Metal, Plug Thoroughly Ground Into Body, Square Head, Milled Hexs.

No. 130—Size..	¼	⅜	½	¾ in.
Each.....$0.85		1.00	1.25	1.70
No. 130—Size..	1	1¼	1½	2 in.
Each.....$2.35		3.70	4.85	7.30

EXTRA QUALITY, High Grade Steam Metal, Plug Thoroughly Ground Into Body, Flat Head, Milled Hexs.

No. 131—Size..	¼	⅜	½	¾ in.
Each.....$0.85		1.00	1.25	1.70
No. 131—Size..	1	1¼	1½	2 in.
Each.....$2.35		3.70	4.85	7.30

These cocks are tested to 200 lbs. hydraulic pressure and are suitable for 125 lbs. steam working pressure.

VALVES, COCKS, INJECTORS AND GAUGES.

CHECK VALVES.

No. 103, Horizontal.

No. 106, Vertical.

EXTRA QUALITY, High Grade Steam Brass Metal, Milled Hexs and Bonnet, Horizontal.

No. 103—Size..	¼	⅜	½	¾ in.
Each	$0.65	.70	.90	1.15
No. 103—Size..	**1**	**1¼**	**1½**	**2 in.**
Each	$1.60	2.25	3.15	4.75

EXTRA QUALITY, High Grade Steam Brass Metal, Milled Hexs and Bonnet, Vertical.

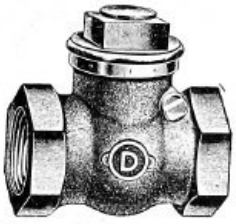
No. 106—Size	⅜	½	¾	1 in.
Each	$0.77	1.00	1.26	1.80
No. 106—Size		**1¼**	**1½**	**2 in.**
Each		$2.52	3.50	5.30

The check valves illustrated above are all tested to 200 lbs. hydraulic pressure, suitable for 125 lbs. steam working pressure.

REGULAR, Milled Hexs and Bonnet, Hard Metal Discs, Brass, Horizontal.

No. 112—Size..	⅜	½	¾	1 in.
Each	$0.70	.90	1.15	1.60
No. 112—Size		**1¼**	**1½**	**2 in.**
Each		$2.25	3.15	4.75

Suitable for low pressure steam, or water.



EXTRA QUALITY, High Grade Brass Steam Metal, Milled Hexs and Bonnet, Swing Pattern.

No. 105—Size..	⅜	½	¾	1 in.
Each	$2.15	2.25	2.75	3.50
No. 105—Size		**1¼**	**1½**	**2 in.**
Each		$4.25	5.50	7.50

These valves are tested at 200 lbs. hydraulic pressure and suitable for 125 lbs. working pressure.

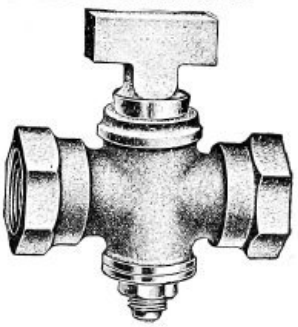
GAS SERVICE COCKS.

EXTRA QUALITY, High Grade Brass Metal, Thoroughly Ground Plug, Flat Head.

No. 132—Size..	⅜	½	¾	1 in.
Each	$0.85	.95	1.15	1.50
No. 132—Size		**1¼**	**1½**	**2 in.**
Each		$2.25	3.10	5.00

Tested and suitable for low gas or water pressure.

ROUGH STOPS.



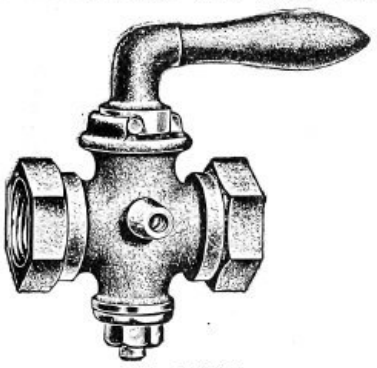
No. 144.

REGULAR, Good Grade Brass Metal, T-Head, Thoroughly Ground Plug.

No. 144—Size..	⅜	½	¾	1 in.
Per dozen	$15.00	17.00	26.00	38.00

REGULAR, Good Grade Brass Metal, Lever Handle, Thoroughly Ground Plug.

No. 145—Size..	⅜	½	¾	1 in.
Per dozen	$15.00	17.00	26.00	38.00



No. 144CW.

REGULAR, Good Grade Brass Metal, T-Head, Thoroughly Ground Plug, with Check and Waste.

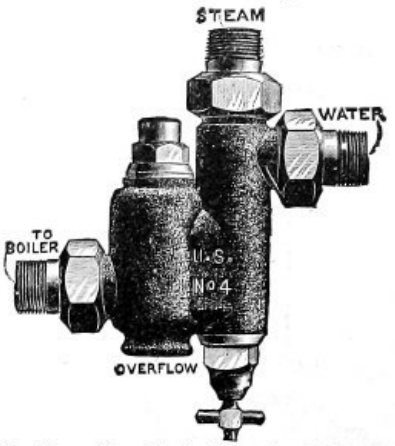
No. 144CW—Size	⅜	½	¾	1 in.
Per dozen	$17.00	19.00	28.00	41.00

REGULAR, Good Grade Brass Metal, Lever Handle, Thoroughly Ground Plug, with Check and Waste.

No. 145CW—Size	⅜	½	¾	1 in.
Per dozen	$17.00	19.00	28.00	41.00

The above stops are equal to other makes of high grade goods, and are tested and suitable for ordinary city water pressure.

U. S. AUTOMATIC INJECTORS.



U. S., Heavy Brass Body, Adapted to Either Side of Boiler, Regular Style, Equipped with Drip Cock to Prevent Freezing.

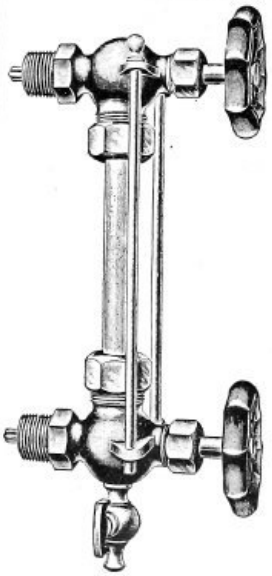
NOS.	PIPE CONNECTION INCH	H. P. BASED ON ORDINARY TUB BOILER.	H. P. BASED ON 30 LBS. WATER PER H. P. PER HR.	CAP. PER HR. 1 TO 3 FT. LIFT, STEAM PRESSURE 60 TO 80 LBS. MAX.	CAP. PER HR. 1 TO 3 FT. LIFT, STEAM PRESSURE 60 TO 80 LBS. MIN.	EACH.
1	⅜	4 to 8	6 to 12	90	55	$10.00
2	½	8 to 16	10 to 20	135	65	18.00
3	½	12 to 22	15 to 30	180	100	20.00
4	¾	17 to 32	22 to 45	260	140	25.00
5	¾	20 to 45	25 to 60	355	170	30.00
6	1	40 to 65	45 to 80	475	300	40.00
7	1	45 to 80	50 to 100	600	350	45.00
8	1¼	50 to 100	60 to 135	800	425	55.00
9	1½	75 to 135	85 to 165	1000	525	60.00

The drip cock used on all U. S. injectors is a very important feature. It drains the injector when not in use and thus prevents freezing. By leaving it open the injector can be started even though the check valve leaks. This is impossible without the drip cock.

Another feature is the construction of the disc valve on the delivery tube, which being cup shaped, is forced to rise to its seat by the jets of water thrown against it from beneath.

Complete description and directions for applying and operating are furnished with each injector.

ONE IN A BOX.



WATER GAUGES.

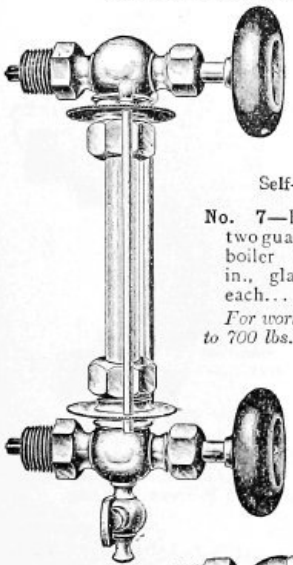
Self-Cleaning.

No. 5 — Bronzed body, two guards, iron wheel, boiler connection ½ in., glass ⅝×12 in., each..... $3.00

For working pressure up to 700 pounds.

GAUGES, VALVES AND COCKS.

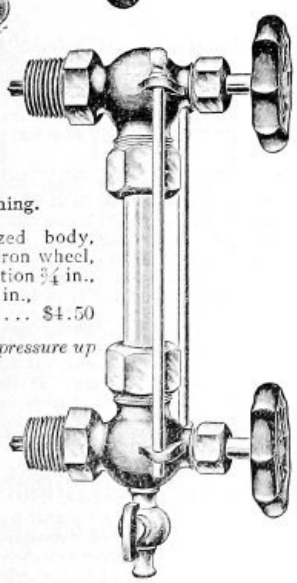
WATER GAUGES.



Self-Cleaning.

No. 7—Polished body, two guards, wood wheel, boiler connection ½ in., glass ⅝×12 in., each..... $4.25

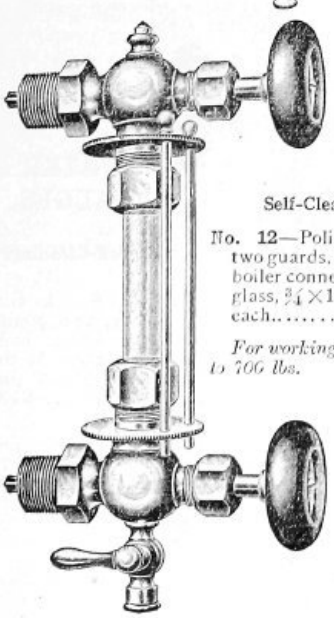
For working pressure up to 700 lbs.



Self-Cleaning.

No. 10—Bronzed body, two guards, iron wheel, boiler connection ¾ in., glass ¾×16 in., each..... $4.50

For working pressure up to 700 lbs.

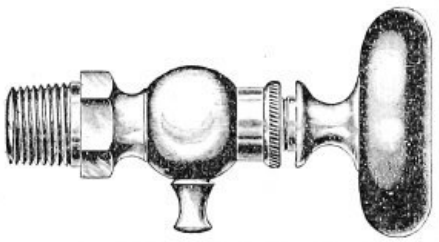


Self-Cleaning.

No. 12—Polished body, two guards, wood wheel, boiler connection ¾ in., glass, ¾×16 in., each..... $5.50

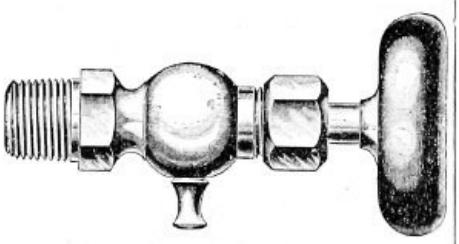
For working pressure up to 700 lbs.

GAUGE COCKS.



Compression, WITHOUT Stuffing Box, Wood Wheel, Threaded for Iron Pipe.

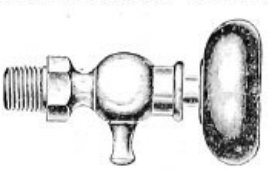
Nos.	02	03	04
Threaded for pipe	⅜	½	¾ in.
Each	$0.95	1.00	1.25



Compression, WITH Stuffing Box, Wood Wheel, Threaded for Iron Pipe.

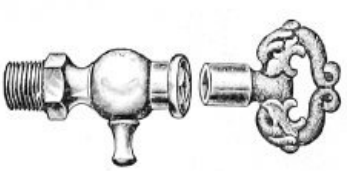
Nos.	05	06	07
Threaded for pipe	⅜	½	¾ in.
Each	$1.20	1.30	1.45

RADIATOR AIR VALVES.



Compression, Wood Wheel, Threaded for Iron Pipe.

No. 3—⅛ in..... each $0.16

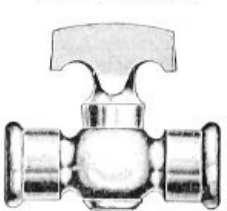


Compression, Iron Key, Threaded for Iron Pipe.

No. 4—⅛ in..... each $0.15

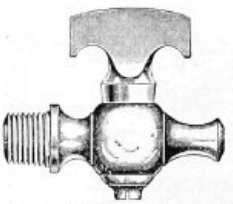
Extra keys, for the above..... " .06

AIR COCKS.



No. 038—¼ in., finished brass, T-head, double female ends..... each $0.70

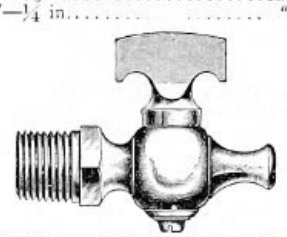
AIR COCKS.



Finished Brass, T-Head, Round Shoulder.

No. 003—⅛ in..... each $0.40

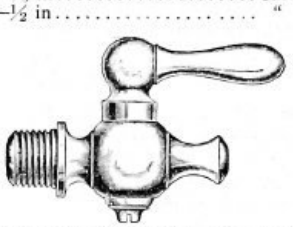
No. 007—¼ in..... " .45



Finished Brass, T-Head, Hexagon Shoulder.

No. 08—⅜ in..... each $0.50

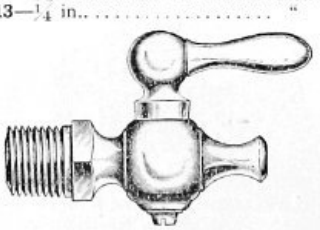
No. 09—½ in..... " .60



Finished Brass, Lever Handle, Round Shoulder.

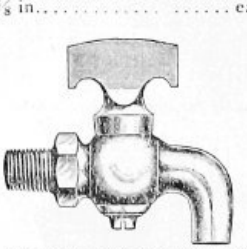
No. 012—⅛ in..... each $0.55

No. 013—¼ in..... " .60



Finished Brass, Lever Handle, Hexagon Shou'der.

No. 014—⅜ in..... each $0.65

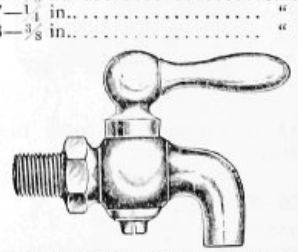


Bibb, Finished Brass, T-Head, Octagon Shoulder, S. T.

No. 026—⅛ in..... each $0.70

No. 027—¼ in..... " .80

No. 028—⅜ in..... " .90



Bibb, Finished Brass, Lever Handle, Octagon Shoulder, S. T.

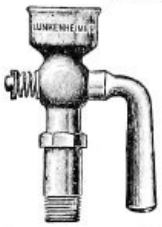
No. 029—⅛ in..... each $0.85

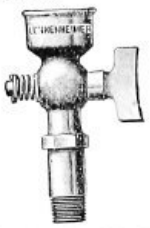
No. 030—¼ in..... " 95

No. 031—⅜ in..... " 1.05

LUNKENHEIMER PRIMING, OIL AND GREASE CUPS.

PRIMING CUPS.





No. 820, Lever Handle. No. 821, Tee Handle.

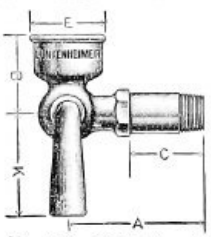
Brass, for Gasoline Engines, Long Shank, Lever Handle.

No. 820—Size	00	0	1
Threaded for pipe	⅛	⅛	⅛ in.
Each	$0.75	.85	.95
No. 820—Size	**2**	**3**	**4**
Threaded for pipe	¼	¼	⅜ in.
Each	$1.10	1.40	1.65

Brass, for Gasoline Engines, Long Shank, Tee Handle.

No. 821—Size	00	0	1
Threaded for pipe	⅛	⅛	⅛ in.
Each	$0.70	.80	.90
No. 821—Size	**2**	**3**	**4**
Threaded for pipe	¼	¼	⅜ in.
Each	$1.00	1.30	1.50

This pattern can also be had with shank on left hand instead of right. Sizes and lists the same as No. 702. When ordering specify No. 367.



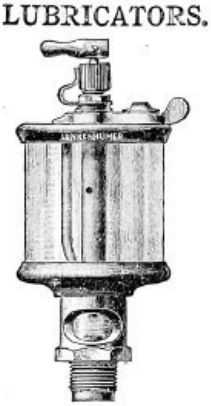
No. 702, Right Hand.

Brass, for Gasoline Engines, L Shank, Lever Handle.

No. 702—Size	00	0	1
Threaded for pipe	⅛	⅛	⅛ in.
Each	$0.85	1.00	1.15
No. 702—Size	**2**	**3**	**4**
Threaded for pipe	¼	¼	⅜ in.
Each	$1.35	1.60	1.90

The most efficient and satisfactory cups on the market. The shanks are made long enough to permit the lever to hang downward when cock is closed. The even tension of the spring keeps the key from sticking or working loose.

LUBRICATORS.



IMPROVED "PARAGON", Glass Body, Sight Feed, for Gas, Gasoline, or Oil Engines.

No. 553—Size	1½	2	3	4
Threaded for pipe	¼	⅜	⅜	⅜ in.
Capacity	1½	2½	4	5 oz.
Each	$2.00	2.80	3.50	4.00
No. 553—Size	**5**	**6**		**8**
Threaded for pipe	½	½		¾ in.
Capacity	10	18		32 oz.
Each	$5.40	7.00		14.00

OIL CUPS.

"PIONEER", Slide-Top, Glass Body, Cast Brass, Highly Finished.

No. 515—Size	000	00	0	1
Threaded for pipe	⅛	⅛	⅛	¼ in.
Capacity	¼	½	⅝	1 oz.
Each	$0.70	.75	.80	1.00
No. 515—Size	**1½**	**2**	**3**	**4**
Threaded for pipe	¼	⅜	⅜	⅜ in.
Capacity	1½	2½	4	5 oz.
Each	$1.25	1.50	1.90	2.40
No. 515—Size	**5**		**6**	**8**
Threaded for pipe	½		½	¾ in.
Capacity	10		18	34 oz.
Each	$3.10		4.00	8.50

Pioneer oil cups are especially adapted for traction engines, steam rollers and other machinery of like character.

They are easily filled and regulated, and will not come apart when used on jarring machinery.

"SENTINEL", Snap Lever, Sight Feed, Glass Body, Straight Shank, Brass.

No. 546—Size	0	1	1½
Threaded for pipe	⅛	¼	¼ in.
Capacity	⅝	1	1½ oz.
Each	$3.00	3.25	3.50
No. 546—Size	**2**	**3**	**4**
Threaded for pipe	⅜	⅜	⅜ in.
Capacity	2½	4	5 oz.
Each	$3.75	4.25	5.25
No. 546—Size	**5**	**6**	**8**
Threaded for pipe	½	½	¾ in.
Capacity	10	18	34 oz.
Each	$7.25	9.25	20.00

The "Sentinel" cup is handsome in appearance and thoroughly strong and substantial in construction.

This cup will not shake to pieces when placed on jarring machinery.

A very important feature is, that when set to feed a given amount of oil, it will hold up to its rate of feed until the cup is entirely emptied.

OIL CUPS.

"CHAMPION" ROD, Adapted for Crank Pins and Similar Bearings, Brass Body with Two Glass Sides.

No. 591—Size	1	2	3
Threaded for pipe	¼	⅜	½ in.
Capacity	1¼	2½	5 oz.
Each	$1.40	2.00	2.60
No. 591—Size	**3½**		**4**
Threaded for pipe	½		¾ in.
Capacity	8		12 oz.
Each	$3.50		4.00

The "Champion" cup is constructed on lines radically different from anything heretofore designed for this purpose.

The construction is simple; the body has a glass on each side to enable the engineer to see at a glance how much oil is in the cup, and the feeding arrangement consists of a tube, with a regulating valve at top, screwed into the base of the cup and connected with the oil hole in the shank.

GREASE CUPS.

"IDEAL," Automatic, for Engine Crank Pins, Journals, Etc., Highly Finished Cast Brass.

No. 510—Size	00	0	1	2
Threaded for pipe	⅛	¼	¼	⅜ in.
Capacity	⅓	1	1½	3 oz.
Each	$1.50	2.00	2.50	3.20
No. 510—Size	**3**	**4**		**5**
Threaded for pipe	½	½		¾ in.
Capacity	6	10		18 oz.
Each	$4.30	6.00		12.50

The leather packed plunger is so made that it is easily withdrawn when cup requires refilling. The spring and plunger are conveniently controlled by the handle which is provided with an automatic lock arrangement to prevent its jarring from position on stem.

GREASE CUPS.

LUNKENHEIMER.

"JEWEL," Automatic, Brass, for Bearings, Shaftings, Loose Pulleys, Etc.

No. 511—Size.....	00	0	1
Threaded for pipe ..	⅛	¼	¼ in.
Capacity	⅓	1	1½ oz.
Each.....	$0.80	1.00	1.30

No. 511—Size.....	2	3	4
Threaded for pipe ..	⅜	½	½ in.
Capacity	3	6	10 oz.
Each.....	$1.70	2.30	3.20

The Jewel cup was designed to meet the demand for a simple and inexpensive automatic cup. The base is of cast brass, and the top of tubing and spun brass. It is provided with a simple feed-regulating screw adjustable to suit any kind of grease.

"TIGER," Plain Brass, Adapted for Jarring Machinery.

No. 513—Size.....	00	0	1
Threaded for pipe ..	⅛	¼	¼ in.
Capacity	½	⅔	1 oz.
Each.....	$0.70	.90	1.15

No. 513—Size.....	2	3	4
Threaded for pipe ..	⅜	½	½ in.
Capacity	2	3½	5 oz.
Each.....	$1.50	2.15	2.90

The "Tiger" grease cup is of cast brass and well adapted for jarring machinery and is unsurpassed where a simple, compact and efficient cup is desired.

By screwing down the cap, the grease is forced to the bearing.

EMPRESS.

"EMPRESS," Plain Compression, Regular Pipe Thread, Polished Brass.

No. 100—Size.....	00	0	1
Threaded for pipe ..	⅛	¼	¼ in.
Capacity	½	⅔	1 oz.
Each.....	$0.70	.90	1.15

No. 100—Size.....	2	3	4
Threaded for pipe ..	⅜	½	½ in.
Capacity	2	3½	5 oz.
Each.....	$1.50	2.15	3.50

"EMPRESS," Plain Compression, Regular P e Thread, Rough Brass.

No. 101—Size.....	00	0	1
Threaded for pipe .	⅛	¼	¼ in.
Capacity	½	⅔	1 oz.
Each.....	$0.56	.74	.96

No. 101—Size.....	2	3	4
Threaded for pipe ..	⅜	½	½ in.
Capacity	2	3½	5 oz.
Each.....	$1.28	1.76	3.00

"EMPRESS," Plain Compression, Regular Pipe Thread, Natural Finished Steel.

No. 102—Size.....	00	0	1
Threaded for pipe ..	⅛	¼	¼ in.
Capacity	½	⅔	1 oz.
Each.....	$0.50	.65	.80

No. 102—Size.....	2	3	4
Threaded for pipe ..	⅜	½	½ in.
Capacity	2	3½	5 oz.
Each.....	$1.05	1.45	2.00

The Empress line of grease cups is pressed from sheet metal making them stronger than castings and free from air holes and other defects. The "lugs" on caps insure a "sure grip," and also gives them an artistic appearance.

They are adapted for all jarring machinery, and have proven satisfactory in every instance.

EMPRESS.

"EMPRESS," Ratchet Compression, Lug Cap, Regular Thread, Rough Brass.

No. 103—Size.....	000	00	0
Threaded for pipe ..	⅛	⅛	¼ in.
Capacity	¼	½	⅔ oz.
Each.....	$0.90	1.10	1.35

"EMPRESS," Ratchet Compression, Lug Cap, Regular Thread, Natural Finished Steel.

No. 104—Size.....	00	0
Threaded for pipe ..	⅛	¼ in.
Capacity	½	⅔ oz.
Each.....	$0.80	.95

These cups are designed to use in places where there is excessive vibration.

"EMPRESS," Spring Compression, Highly Finished Brass.

No. 105—Size.....	00	0	1
Threaded for pipe ..	⅛	¼	¼ in.
Capacity	½	1	1½ oz.
Each.....	$1.50	2.00	2.50

No. 105—Size.....	2	3
Threaded for pipe ..	⅜	½ in.
Capacity	3	6 oz.
Each.....	$3.20	4.30

"EMPRESS," Spring Compression, Natural Finished Steel.

No. 106—Size.....	00	0	1
Threaded for pipe ..	⅛	¼	¼ in.
Capacity	½	1	1½ oz.
Each.....	$1.30	1.50	1.75

No. 106—Size.....	2	3
Threaded for pipe ..	⅜	½ in.
Capacity	3	6 oz.
Each.....	$2.00	2.75

These cups have a special leather packing on plunger, insuring a tight smooth working joint. The spring pressure is regulated by the handle and the feed to bearing by screw in the shank which is readily adjusted for grease of any density. Being pressed from sheet metal they are stronger and much more durable than a cast cup.

PLAIN AND HOSE BIBB COCKS.

COMPRESSION PLAIN BIBBS.

Polished Brass, T Handle, Threaded for Iron Pipe, Flange Shoulder.

Nos	872	873	874
Size	½	⅝	¾ in.
W't per doz.	10½	12½	17½ lbs.
Per dozen	$13.00	16.00	20.00

No. 872 will fit ½ in., and Nos. 873 and 874, ¾ in. pipe.

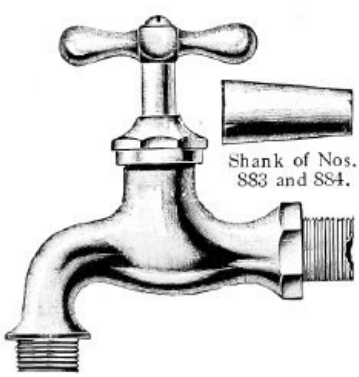
Nickel Plated Brass, T Handle, Threaded for Iron Pipe.

Nos	872N	873N	874N
Size	½	⅝	¾ in.
W't per doz.	10½	12½	17½ lbs.
Per dozen	$15.50	18.50	22.50

No. 872N will fit ½ in., and Nos. 873N and 874N, ¾ in. pipe.

HALF DOZEN IN A BOX.

COMPRESSION HOSE BIBBS.



Shank of Nos. 883 and 884.

Polished Brass, T Handle, Threaded for Iron Pipe, Flange Shoulder.

Nos	892	893	894
Size	½	⅝	¾ in.
W't per doz.	10½	13	16 lbs.
Per dozen	$15.00	18.00	22.00

No. 892 will fit ½ in., and Nos. 893 and 894, ¾ in. pipe and hose coupling.

Nickel Plated Brass, T Handle, Threaded for ¾ in. Iron Pipe and Hose Coupling, Flange Shoulder.

Nos	893N	894N
Size	⅝	¾ in.
W't per doz.	13	16 lbs.
Per dozen	$20.50	24.50

Will fit ¾ in. pipe and hose coupling.

Polished Brass, T Handle, Plain Tapered Shank to Solder, for Lead Pipe, Flange Shoulder.

Nos	883	884
Size	⅝	¾ in.
W't per doz.	13	16 lbs.
Per dozen	$18.00	22.00

Will fit ¾ in. pipe.

HALF DOZEN IN A BOX.

FULLER PLAIN BIBBS.

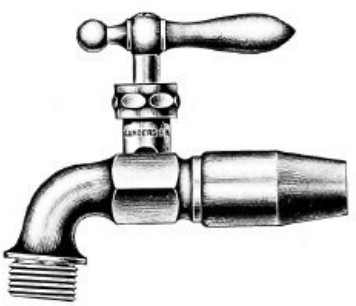
Polished Brass, Lever Handle, Plain Shank to Solder, for Lead Pipe.

Nos	970	975
Size	½	⅝ in.
W't per doz.	12	13 lbs.
Per dozen	$21.00	24.00

Will fit ½ and ¾ in. pipe.

HALF DOZEN IN A BOX.

FULLER HOSE BIBBS.



Polished Brass, Lever Handle, Plain Shank to Solder, for Lead Pipe.

Nos	990	995
Size	½	⅝ in.
W't per doz.	12	13 lbs.
Per dozen	$24.00	28.00

Will fit ½ and ¾ in. pipe and hose coupling.

HALF DOZEN IN A BOX.

FULLER PLAIN BIBBS.

Polished Brass, Lever Handle, Threaded for Iron Pipe, with Flange Shoulder.

Nos	971	973
Size	½	⅝ in.
W't per doz.	13	14 lbs.
Per dozen	$21.00	24.00

Will fit ½ and ¾ in. pipe.

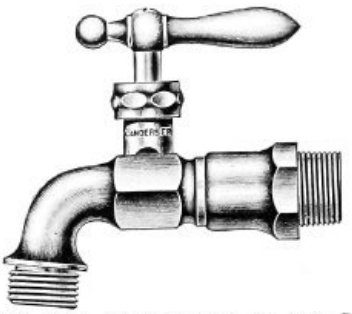
Nickel Plated Brass, Lever Handle, Threaded for Iron Pipe, with Flange Shoulder.

Nos	971N	973N
Size	½	⅝ in.
W't per doz.	13	14 lbs.
Per dozen	$25.00	28.00

Will fit ½ and ¾ in. pipe.

HALF DOZEN IN A BOX.

FULLER HOSE BIBBS.



Polished Brass, Lever Handle, for Iron Pipe, with Flange Shoulder.

Nos	991	993
Size	½	⅝ in.
W't per doz.	14	15 lbs.
Per dozen	$24.00	28.00

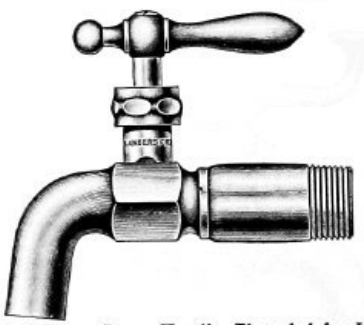
Will fit ½ and ¾ in. pipe and hose coupling.

Nickel Plated Brass, Lever Handle, Threaded for Iron Pipe, with Flange Shoulder.

Nos	991N	993N
Size	½	⅝ in.
W't per doz.	14	15 lbs.
Per dozen	$28.00	32.00

Will fit ½ and ¾ in. pipe and hose coupling.

FULLER PLAIN BIBBS.

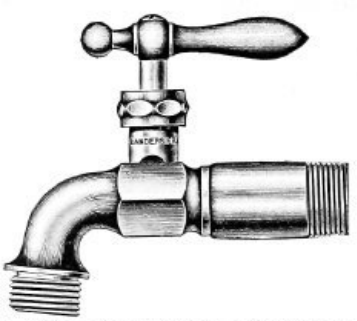


Polished Brass, Lever Handle, Threaded for Iron Pipe, S. O. T.

Nos	972	974
Size	½	⅝ in.
W't per doz.	12	13 lbs.
Per dozen	$23.00	27.00

Will fit ½ and ¾ in. pipe.

FULLER HOSE BIBBS.



Polished Brass, Lever Handle, Threaded for Iron Pipe, S. O. T.

Nos	992	994
Sizes	½	⅝ in
W't per doz.	12½	13½ lbs.
Per dozen	$26.00	31.00

Will fit ½ and ¾ in. pipe and hose coupling.

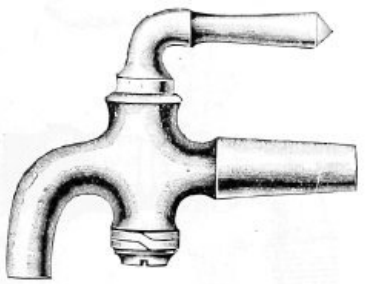
HALF DOZEN IN A BOX.

For Fuller rubber balls see next page.

The size given on bibb cocks is inside diameter. ½ in. size will fit ½ in. pipe. ⅝ and ¾ in. will fit ¾ in. pipe. S. O. T. is a term known to the plumber trade and means "screw on tail."

BRASS COCKS AND FAUCETS.

PLAIN BIBB COCKS.



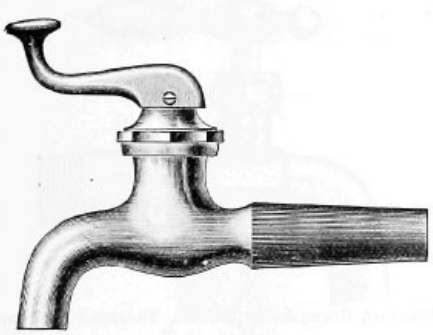
Polished Brass, Lever Handle, Tapered Shank, to Solder.

Nos	230	231	232	
Size	¼	⅜	½	in.
W't per doz.	4½	6	7	lbs.
Per dozen	$13.50	15.50	18.00	

Nos	233	234	
Size	⅝	¾	in.
W't per doz.	10	15	lbs.
Per dozen	$21.50	29.00	

HALF DOZEN IN A BOX.

TELEGRAPH FAUCETS.



Polished Brass, Long Tapered Shank for Lead Pipe, Self Closing.

Nos	321	322	
Size	⅜	½	in.
W't per doz.	7	9	lbs.
Per dozen	$16.00	18.00	

Nickel Plated Brass, Long Tapered Shank for Lead Pipe, Self Closing.

Nos	321N	322N	
Size	⅜	½	in.
W't per doz.	7	9	lbs.
Per dozen	$20.00	22.00	

HALF DOZEN IN A BOX.

RUBBER BALLS.

Solid, for use with Fuller Bibbs.

½ in., w't per doz. ¼ lb ....per dozen $0.24
⅝ in., w't per doz. ⅜ lb. ..... " .30

RACKING COCKS.

Polished Brass, Fast Key Handle, Long Tapered Shank to Drive.

Nos	10	11	12	
Size	¼	⅜	½	in.
W't per doz.	2½	4¼	6	lbs.
Per dozen	$8.00	10.00	13.00	

Nos	13	14	
Size	⅝	¾	in.
W't per doz.	9	12	lbs.
Per dozen	$18.00	27.00	

NOS. 10 TO 12, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

Polished Brass, Fast Key Handle, Long Heavily Threaded Shank to Screw.

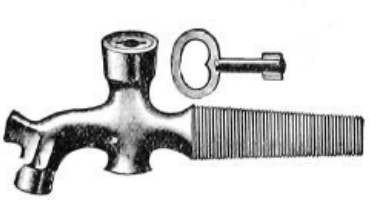
Nos	21	22	23	
Size	⅜	½	⅝	in.
W't per doz.	4	5½	8½	lbs.
Per dozen	$10.50	14.00	19.50	

NOS. 21 AND 22, ONE DOZEN; NO. 23, HALF DOZEN IN A BOX.

Polished Brass, Loose Key, Long Tapered Shank, to Drive.

Nos	30	31	32	
Size	⅜	½	⅝	in.
W't per doz.	4¾	6	10	lbs.
Per dozen	$12.00	15.00	20.00	

NOS. 30 AND 31, ONE DOZEN; NO. 32, HALF DOZEN IN A BOX.



Polished Brass, Loose Key, Long Threaded Shank, to Screw.

Nos	40	41	
Size	⅜	½	in.
W't per doz.	8½	11	lbs.
Per dozen	$12.50	16.00	

ONE DOZEN IN A BOX.

RACKING COCKS.

Extra Quality, Polished Brass, Loose Key, with Nut, Long Tapered Shank to Drive.

Nos	630	631	632	
Size	⅜	½	⅝	in.
W't per doz.	5	6½	10	lbs
Per dozen	$14.00	17.00	22.00	

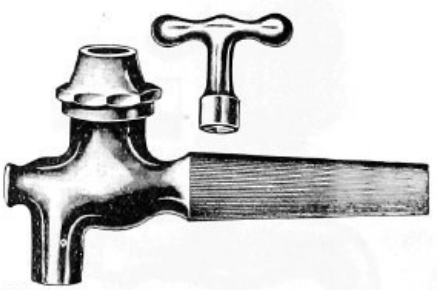
HALF DOZEN IN A BOX.

Extra Quality, Polished Brass, Loose Key, with Nut, Long Heavily Threaded Shank, to Screw.

Nos	640	641	642	
Size	⅜	½	⅝	in.
W't per doz.	5	6½	10	lbs
Per dozen	$14.50	18.00	23.50	

HALF DOZEN IN A BOX.

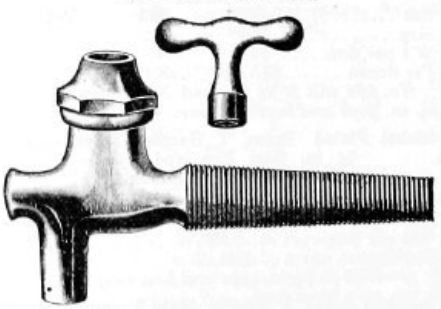
COMPRESSION LOCK COCKS.



Extra Quality, Polished Brass, Loose Key Handle, Long Tapered Shank to Drive.

Nos	530	531	532	
Size	⅜	½	⅝	in.
W't per doz.	8	10	13	lbs.
Per dozen	$15.00	18.00	23.00	

HALF DOZEN IN A BOX.



Extra Quality, Polished Brass, Loose Key Handle, Long Heavily Threaded Shank, to Screw.

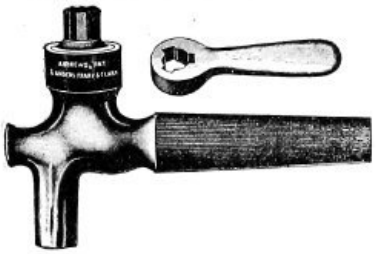
Nos	540	541	542	
Size	⅜	½	⅝	in.
W't per doz.	8	9½	12	lbs.
Per dozen	$15.50	19.00	24.50	

HALF DOZEN IN A BOX.

THE SIZE GIVEN ON COCKS AND FAUCETS IS INSIDE DIAMETER.

MILK CAN FAUCETS, OIL GATES, ETC.

ANDREWS' FAUCETS.



Polished Brass, Loose Lever Handle, Long Tapered Shank.

No. 1310—½ in., *to drive*, w't per doz. 9 lbs.....per dozen $24.00
No. 1410—½ in., *to screw*, w't per doz. 9 lbs.....per dozen 25.00

HALF DOZEN IN A BOX.

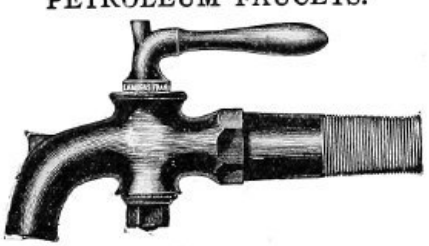
LIQUOR COCKS.

No. 65—McKENNA'S, ¾ in., loose key handle, polished brass body, nickel plated, heavily threaded shank, w't per doz. 9 lbs.....per dozen $19.00

This faucet closes on the end, allowing no liquor to remain inside. The shank being nickel plated, no brass parts are exposed to contact with the liquor.

HALF DOZEN IN A BOX.

PETROLEUM FAUCETS.



Japanned Cast Iron, Lever Handle, with Brass Key, Half Threaded Shank to Screw.

Nos.	13	14	5	6	7
Size	⅜	½	⅝	¾	1 in.
W't per doz	6	9	13	18	28 lbs.
Per dozen	$10.00	11.00	13.00	16.00	23.00

NOS. 13 AND 14, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

ANGLE PLUG FAUCETS.

No. 120—$\frac{5}{16}$ in., white metal, to solder for metal cans, w't per doz. 2 lbs., per dozen..... $2.00

Especially adapted to oil cans.

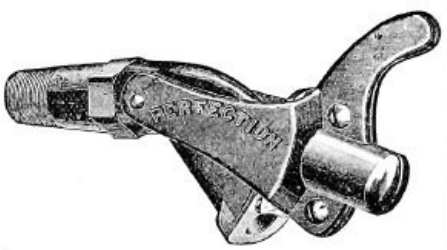
MOLASSES AND OIL GATES.

Stebbin's Pattern, Japanned Iron, with Threaded Shank, to Screw.

Nos.	1	2	3
Bore	1	1⅛	1⅜ in.
W't per doz.	10	13	23 lbs.
Per dozen	$7.00	8.00	9.00

Nos.	4	5
Bore	1⅝	1¾ in.
W't per doz.	26	28 lbs.
Per dozen	$10.00	12.00

HALF DOZEN IN A BOX.



Perfection, Japanned Iron, with Threaded Shank to Screw.

Size	½	¾	1 in
W't per doz.	17	19	20 lbs.
Per dozen	$9.50	12.00	14.00

Size	1¼	1½	2 in.
W't per doz.	33	44	59 lbs.
Per dozen	$16.50	20.00	28.00

HALF DOZEN IN A BOX.

WEIGH CAN GATES.

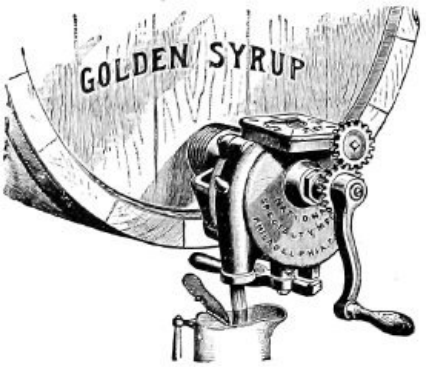
Perfection, Japanned Iron, Threaded Shank to Screw.

No. 103—3 in., *without* collar, per doz. 87 lbs.....per dozen $36.00
No. 113—3 in., *with* galvanized collar, w't per doz. 110 lbs.....perdozen 46.00

HALF DOZEN IN A BOX.

Collar.

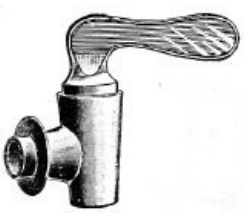
MEASURING FAUCETS.



No. 71—NATIONAL, tinned, malleable iron cut off gate, which shuts off the flow instantly, no measures or funnels needed, w't per doz. 85 lbs., per dozen $36.00

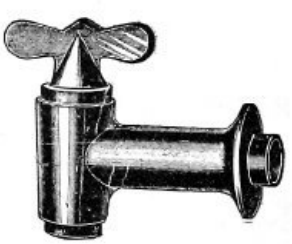
ONE DOZEN IN A CASE.

MILK CAN FAUCETS.



No. 72—½ in., cast brass, tinned, to solder, w't per doz. 3½ lbs...per dozen $5.00

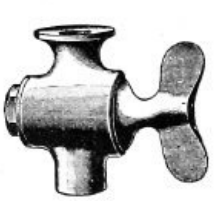
Adapted to milk cans, milk coolers and cream separators. Constructed so as to set close to the can; particularly desirable for small cans and cream separators.



Cast Brass, Tinned, to Solder.

No. 83—⅝ in., w't per doz. 4 lbs., per dozen..... $6.00
No. 84—¾ in., w't per doz. 7 lbs., per dozen..... 8.00

Adapted to milk cans, milk coolers and cream separators.



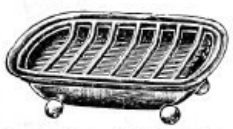
No. 62—½ in., cast brass, tinned, to solder, w't per doz. 6 lbs.....per dozen $7.00

Designed to attach to bottom of can, especially adapted to cream separators.

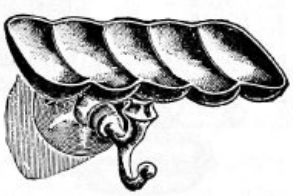
BATH ROOM SUPPLIES.

SOAP DISHES.

No. 4000—For washstands, all brass, heavily nickel plated, ball feet, 3½×4½ in., w't per doz. 3 lbs., per dozen..... $8.20
ONE DOZEN IN A BOX.



No. 3628—For washstands, brass, heavily nickel plated and polished, removable soap drain, ball feet, 3⅝×4⅝ in., w't per doz. 5 lbs.....per dozen $12.00
ONE DOZEN IN A BOX.

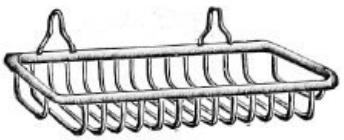


No. 2617—To screw to wall, brass, heavily nickel plated and polished, with hook, 4½×4 in., w't per doz. 5 lbs., per dozen..... $6.75
ONE DOZEN IN A BOX.

No. 4006—To screw to wall, extra heavy brass, nickel plated, 3½×4½ in., w't per doz. 6 lbs.....per dozen $12.50
ONE-SIXTH DOZEN IN A BOX.

No. 3629—To screw to wall, cast brass, heavily nickel plated and polished, with hook and removable drain, 4⅜×4⅝ in., w't per doz. 7 lbs., per dozen..... $14.75
HALF DOZEN IN A BOX.

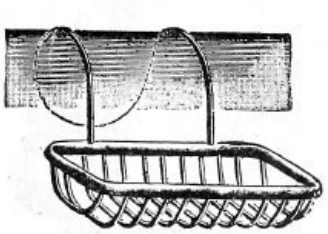
SOAP DISHES.



No. 3664—For kitchen, brass, heavily nickel plated and polished, 8×3½ in., w't per doz. 6 lbs.....per dozen $9.00
HALF DOZEN IN A BOX.

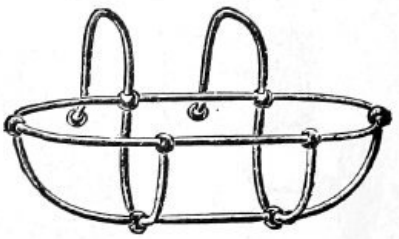
No. 100—For bath tubs, brass, heavily nickel plated and polished, 5×3 in., w't per doz. 4 lbs.....per dozen $6.00
ONE AND ONE-HALF DOZEN IN A BOX.

No. 4020—For bath tubs, extra heavy brass, nickel plated, 3×5 in., w't per doz. 5 lbs.....per dozen $8.00
HALF DOZEN IN A BOX.

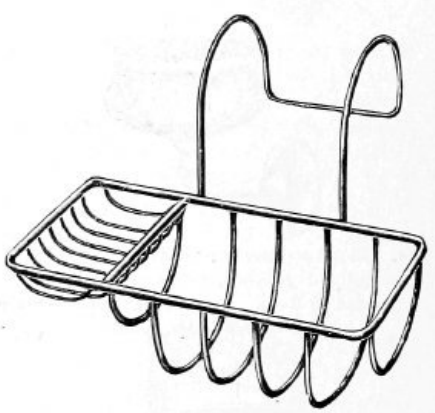


No. 3601—For bath tubs, brass, heavily nickel plated and polished, 4×5½ in., w't per doz. 7½ lbs.....per dozen $8.50
HALF DOZEN IN A BOX.

SPONGE HOLDERS.

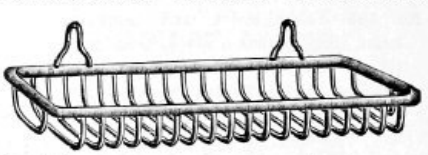


No. 2606—Brass wire, heavily nickel plated and polished, 5¼×10 in., w't per doz. 7 lbs.....per dozen $14.80
Hooks can readily be adjusted to any bath tub rim.
HALF DOZEN IN A BOX.



No. 3605—Combination sponge and soap holder, brass, heavily nickel plated and polished, 5×16¼ in., w't per doz. 12 lbs.....per dozen $20.00
ONE-SIXTH DOZEN IN A BOX.

COMB AND BRUSH HOLDERS.



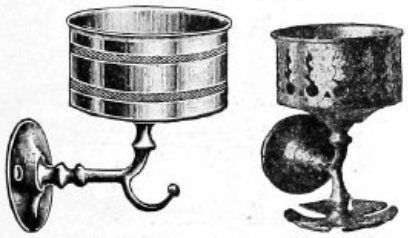
No. 3662—Brass, heavily nickel plated and polished, 10×3½×1¼ in., w't per doz. 10 lbs.....per dozen $12.50
HALF DOZEN IN A BOX.

PLATE GLASS SHELVES.

Trimmings All Brass, Nickel Plated.
No. 5316—Glass, 24×5×⅜ in., with brackets, w't per doz. 50 lbs., per dozen..... $39.00
ONE IN A PACKAGE.

BATH ROOM SUPPLIES.

TUMBLER, TOOTH BRUSH AND SOAP HOLDERS.



No. 2615. No. 2614.

All Brass, Nickel Plated.

No. 2615—Tumbler, w't per doz. 4½ lbs., per dozen..... $7.00

No. 2614—Tooth brush and tumbler, w't per doz. 6 lbs.....per dozen 9.50

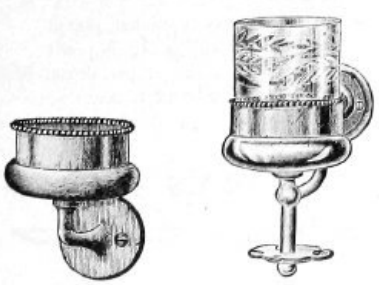
ONE DOZEN IN A BOX.

No. 115—Tumbler, brass, heavily nickel plated and polished, with screws, w't per doz. 5 lbs.....per dozen $8.50

ONE DOZEN IN A BOX.

No. 133—Tooth brush and tumbler, brass, heavily nickel plated and polished, with screws, w't per doz. 5½ lbs.....per dozen $9.00

HALF DOZEN IN A BOX.



No. 5111. No. 5110.

Brass, Nickel Plated.

No. 5111—Tumbler, w't per doz. 6 lbs., per dozen..... $15.00

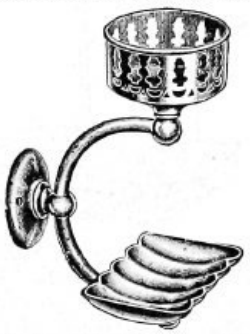
No. 5110—Tooth brush, with tumbler complete, w't per doz. 18 lbs., per dozen..... 20.00

No. 5111, HALF DOZEN; No. 5110, ONE IN A BOX.

TUMBLER, TOOTH BRUSH AND SOAP HOLDERS.

No. 3630—Tumbler and soap, brass, heavily nickel plated and polished, removable soap tray, w't per doz. 7½ lbs.....per dozen $18.00

ONE-SIXTH DOZEN IN A BOX.



No. 160—Soap and tumbler, brass, nickel plated, w't per doz. 8 lbs., per dozen..... $24.00

ONE-SIXTH DOZEN IN A BOX.

No. 3651—Tumbler and soap, extra heavy cast brass, nickel plated, w't per doz. 12 lbs.....per dozen $29.00

ONE-SIXTH DOZEN IN A BOX.

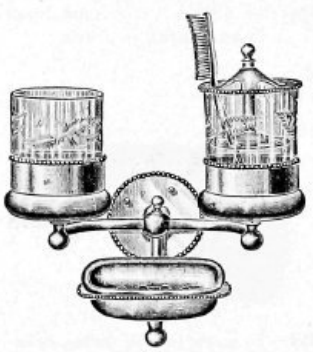
No. 5210—Tumbler and tooth brush, all brass, nickel p'ated, w't per doz. 34 lbs.....per dozen $42.00

ONE IN A BOX.

TUMBLER, TOOTH BRUSH AND SOAP HOLDERS.

No. 5211—Soap and tooth brush, all brass, nickel plated, w't per doz. 26 lbs.....per dozen $48.00

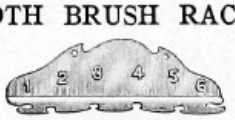
ONE IN A BOX.



No. 5213—Soap, tooth brush and tumbler, all brass, nickel plated, w't per doz. 42 lbs.....per dozen $66.00

ONE IN A BOX.

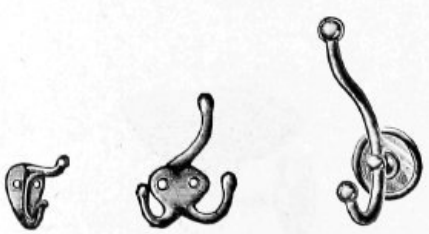
TOOTH BRUSH RACKS.



No. 5108—All brass, nickel plated, fastens to wall, w't per doz. 3 lbs., per dozen.....$4.00

ONE DOZEN IN A BOX.

HAT AND COAT HOOKS.



No. 5505. No. 5507. No. 5501.

All Brass, Nickel Plated.

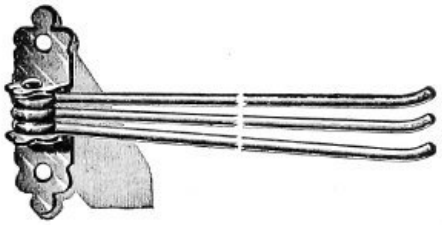
No. 5505—Projects 2¾ in., w't per doz. 1 lb.....per dozen **$2.75**

No. 5507—Height 3¾ in., w't per doz. 2 lbs.....per dozen **4.50**

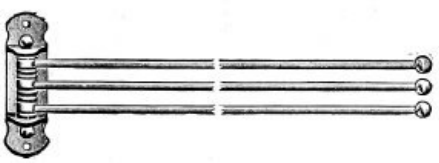
No. 5501—Extreme height 6 in., w't per doz. 3½ lbs.....per dozen **6.00**

BATH ROOM SUPPLIES.

TOWEL BARS.



No. 29—12 in., nickel plated, steel plate, Bessemer steel rods, w't per doz. 4½ lbs..... per dozen $1.75
ONE DOZEN IN A BOX.



No. 2645—Brass, heavily nickel plated and polished, 3 bars 13×¼ in., w't per doz. 10 lbs..... per dozen $11.80
ONE DOZEN IN A BOX.

Diameter ½ Inch, All Brass, Nickel Plated.

Nos.....	1418	1424	1430	1436
Length.....	18	24	30	36 in.
W't per doz....	5	6	6½	7½ lbs.
Per dozen.....	$8.50	10.00	11.50	13.00

HALF DOZEN IN A PACKAGE; SCREWS PACKED WITH EVERY PIECE.

Diameter ½ Inch, Brazed Joints.

Nos.....	1518	1524	1530	1536
Length.....	18	24	30	36 in.
W't per doz....	9	11	12	13 lbs.
Per dozen.....	$12.00	14.00	16.00	18.00

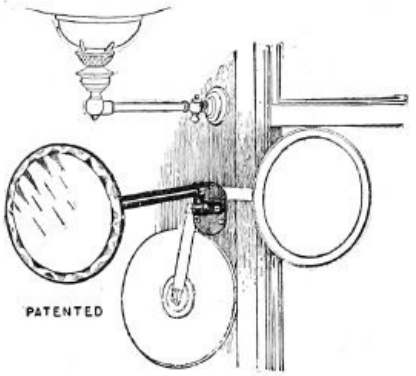
HALF DOZEN IN A PACKAGE; SCREWS PACKED WITH EVERY PIECE.

Tough Polished Glass, Each End Accurately Fitted to a Nickel Plated Brass Bracket.

Nos.....	2618	2624	2630	2636
Diam.....	⅝	⅝	1	1 in.
Length.....	18	24	30	36 in.
W't per doz....	10	18	39	48 lbs.
Per dozen.....	$11.00	13.00	30.00	32.00

HALF DOZEN IN A BOX.

SHAVING MIRRORS.

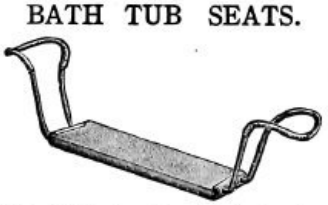


No. K41—French plate glass, diameter 7 in., ⅜ in. bevel, all metal parts nickel plated, wall bracket extension rods adjustable from 10 to 14 in., ball and socket, and hinge joint which allows mirror to be turned in any position, w't per doz. 30 lbs ..... per dozen $50.00
HALF DOZEN IN A BOX.

BATH SPRAYERS.

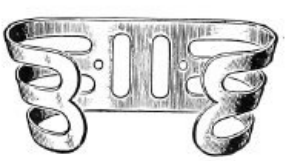
No. 2608—All metal work is brass, 5 ft. first quality ⅜ in. rubber tubing, 3 in. rose, single bulb, for faucet up to ¾ in., w't per doz. 12 lbs .... per dozen $13.00

BATH TUB SEATS.



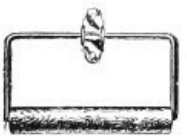
No. 1100—Polished oak, nickel plated trimmings, adjustable to all roll edge tubs, w't per doz. 46 lbs .... per dozen $11.70
ONE IN A PACKAGE.

WHISK BROOM HOLDERS.



No. 111—Brass, heavily nickel plated and polished, with screws, w't per doz. 1 lb. ..... per dozen $3.00
ONE DOZEN IN A BOX.

TOILET PAPER HOLDERS.



No. 25—Buffed bail holder and bail, wood roller, w't per doz. 4 lbs..... per dozen $1.50
ONE DOZEN IN A BOX.

No. 35—Steel brackets and pivots, selected oak roller, oil finished, w't per doz. 4½ lbs..... per dozen $2.50
No. 45—Nickel plated, otherwise same as No. 35..... per dozen 5.50
ONE DOZEN IN A BOX.

No. 5415—All brass, nickel plated, paneled design, enameled roll, springs in, w't per doz. 6 lbs ..... per dozen $6.00
HALF DOZEN IN A BOX.

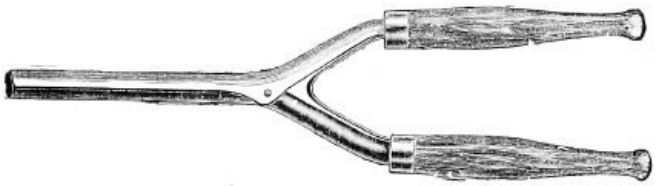
TOILET PAPER.

Sterilized

No. 20—Small rolls, 7½ oz. short count, ordinary grade, w't per case 60 lbs., per case ..... $ 8.00
No. 30—Large rolls, 10 oz., 1,000 sheets full count, best quality, w't per case 75 lbs..... per case 12.00
ONE HUNDRED ROLLS IN A CASE.

MISCELLANEOUS ARTICLES.

CURLING IRONS.



Polished Steel (not Plated), Polished Wood Handles.

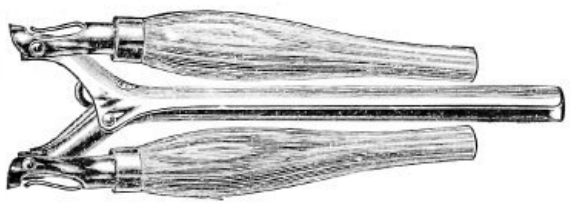
No. 10—6 × 5/32 in., w't per doz. 3/4 lb.....per dozen $0.60
No. 11—7 3/4 × 1/4 in., w't per doz. 2 lbs..... " .80
No. 12—9 1/4 × 5/16 in., w't per doz. 3 1/4 lbs..... " 1.00

ONE DOZEN IN A BOX.

Polished Steel, Nickel Plated, Antique Oak Handles.

No. 20—DUKE, 6 × 5/32 in., w't per doz. 3/4 lbs.....per dozen $1.20
No. 21—LITTLE PRINCESS, 7 3/4 × 1/4 in., w't per doz. 1 1/2 lbs., per dozen..... 1.35
No. 22—PRINCESS, 9 1/4 × 5/16 in., w't per doz. 3 lbs.....per doze 1.50

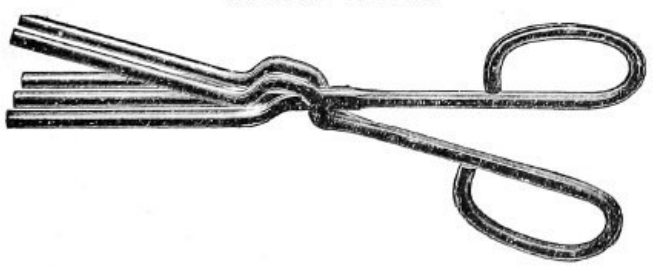
ONE DOZEN IN A BOX.



No. 30—TOURIST, polished steel, 9 × 1 1/4 in., folded 4 × 5 1/2 in., antique oak handles, w't per doz. 2 lbs.....per dozen $2.00

ONE DOZEN IN A BOX.

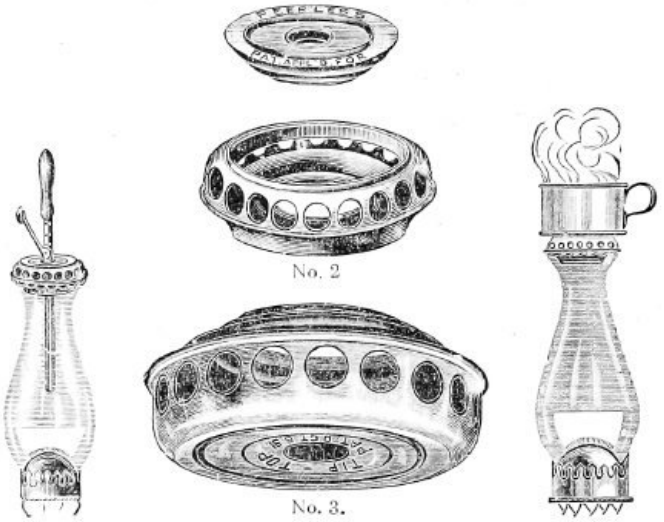
WAVING IRONS.



No. 5—ORIENTAL, polished steel, heavily nickel plated, 5 prongs, length 10 3/4 in., w't per doz. 8 lbs.....per dozen $4.50

HALF DOZEN IN A BOX.

CURLING IRON HEATERS.



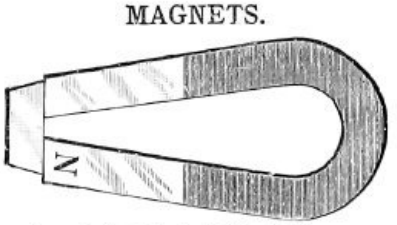
No. 2—PEERLESS, polished brass, nickel plated, removable top, w't per doz. 1 1/2 lbs.....per dozen $3.50
No. 3—TIP-TOP, bright brass, one piece, w't per doz. 3/4 lbs., per dozen..... 2.00

ONE DOZEN IN A BOX.

PINKING IRONS.

Inches	3/8	1/2	5/8	3/4	7/8	1
W't per doz.	1/2	5/8	7/8	1	1 1/4	1 1/2 lbs.
Per dozen	$1.25	1.25	1.25	1.25	1.25	1.25

MAGNETS.



Horseshoe, Painted Red, Polished Poles.

Length	2 1/2	3	3 1/2	4 in.
W't per doz.	1 1/8	1 1/2	2 1/4	3 1/8 lbs.
Per dozen	$1.80	2.50	3.50	4.50

ONE DOZEN IN A BOX.

CURTAIN POLE TRIMMINGS, ETC.

CURTAIN POLE TRIMMINGS.

Complete set consisting of 2 fluted knobs, 10 brass rings, and 2 brass plated steel brackets.

No. 695—For Pole	1	1½ in.
W't per doz	2¼	3¼ lbs.
Per dozen	$3.00	3.00

ONE SET IN A BOX.

Pole Brackets, Brass Plated Steel.

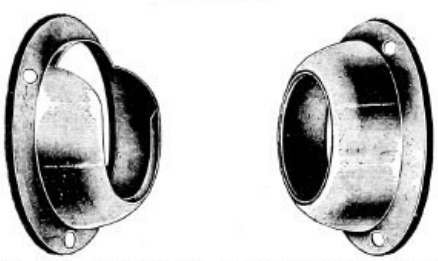
No. 696—For Pole	1	1½ in.
W't per doz	1	1¼ lbs.
Per dozen	$0.65	.65

HALF GROSS IN A BOX.

No. 002, Pole Rings, Brass, with Loop.

Diam.	1¼	1¾ in.
For poles	1	1⅜ or 1½ in.
W't per 100	½	¾ lbs.
Per 100	$1.80	$1.80

200 IN A BOX.

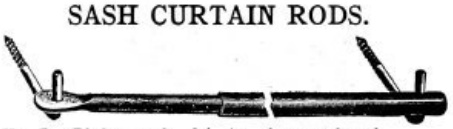


No. 437, Pole Sockets, Brass Plated Steel, One Open and One Closed.

For Pole	1	1½ in.
W't per doz. prs.	¼	½ lbs.
Per dozen pairs	$1.25	$1.25

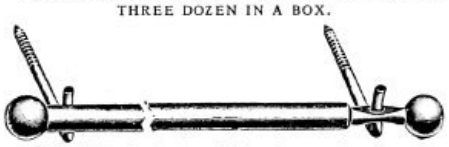
ONE DOZEN PAIRS IN A BOX.

SASH CURTAIN RODS.



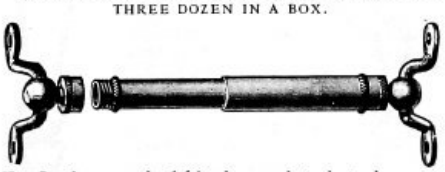
No. 5—Plain end, ¼ in. brass plated steel tube, with solid inner rod, with No. 371 brass screw hooks, adjustable from 23 to 42 in., w't per doz. 1½ lbs., per dozen $1.25

THREE DOZEN IN A BOX.



No. 4—⅜-in. ball-tips, ¼ in. brass plated steel tube, with solid inner rod, with No. 371 brass screw hooks, adjustable from 23 to 42 in., w't per doz. 1½ lbs., per dozen..... $1.75

THREE DOZEN IN A BOX.

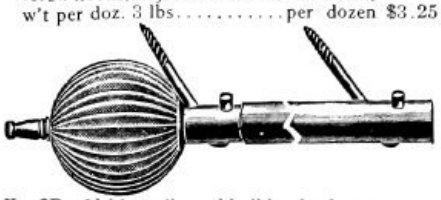


No. 2—Loop ends, ¼ in. brass plated steel tubes, brass loop fixtures for inside or outside, adjustable from 24 to 44 in., w't per doz. 4 lbs..... per dozen $2.25

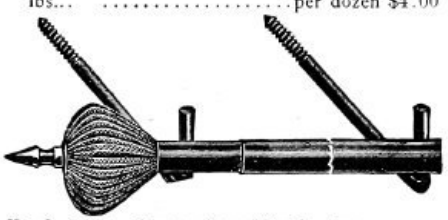
THREE DOZEN IN A BOX.

WINDOW CURTAIN RODS.

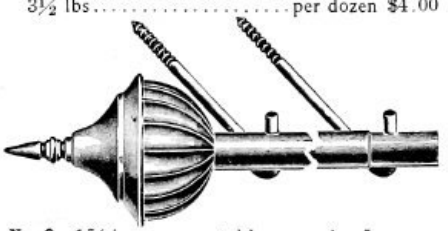
No. 1—1 in. Brass knobs, 7/16 in. brass plated steel tubes, with No. 347 brass screw hooks, adjustable from 30 to 54 in., w't per doz. 3 lbs..... per dozen $3.25



No. 3B—1¼ in. silvered ball knobs, brass tipped, 7/16 in. brass plated steel tubes, with No. 347 brass screw hooks, adjustable from 30 to 54 in., w't per doz. 3½ lbs... ..... per dozen $4.00



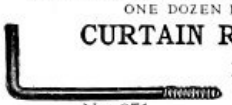
No. 3—Silvered pear shaped knobs, brass tipped, 7/16 in. brass plated steel tubes, adjustable from 30 to 54 in., with No. 347 brass screw hooks, w't per doz. 3½ lbs..... per dozen $4.00



No. 0—1⅞ in. ornamental brass ends, 7/16 in. brass plated steel tubes, with No. 347 brass screw hooks, adjustable from 30 to 54 in., w't per doz. 4 lbs... per dozen $6.00

ONE DOZEN IN A BOX.

CURTAIN ROD HOOKS.



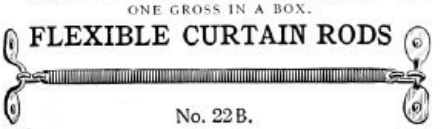
No. 371

No. 371 — Brass screw hooks, 1⅛ in. long, for sash curtain rods, w't per gross ½ lbs..... per gross $1.00

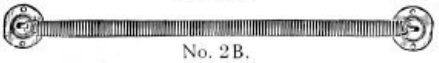
No. 347—Brass screw hooks, 2½ in. long, for window curtain rods, w't per gross 2 lbs..... per gross 1.50

ONE GROSS IN A BOX.

FLEXIBLE CURTAIN RODS



No. 22B.



No. 2B.

Barrett's, Nickel Plated Steel Piano Wire, With Fixtures and Nails Complete.

No. 22B—For sash curtains, with nickel plated fixtures, for inside or outside of sash, extends to fit 30 to 42 in. windows, w't per doz. ½ lbs.....per dozen $2.00

No. 2B—For window curtains, with nickel plated reversible crown brackets, for use on outside of sash, extends to fit 30 to 42 in. windows, w't per doz. 1 lb., per dozen $3.00

CURTAIN RINGS.

⅜in. ½ in. ⅝ in.

Brass.

No. 7—Inches	¼	⅜	½
Per gross	$0.14	.18	.20
No. 7—Inches	⅝	¾	⅞	1
Per gross	$0.25	.30	.50	.70

ONE GROSS IN A PACKAGE. TWELVE PACKAGES IN A BOX.

SCREW RINGS.

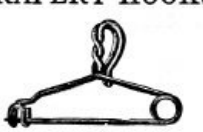
7/16 in. ½ in. ⅝ in.

Brass.

No. 5—Inches	⅜	7/16	½	⅝	¾
Per gross	$0.45	.60	.75	1.00	1.40

ONE GROSS IN A BOX.

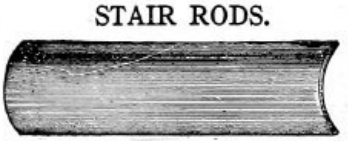
DRAPERY HOOKS.



No. 0327—1½ in. brass plated steel, drapery or lambrequin hooks, w't per gro. ½ lb..... per gross $0.60

ONE GROSS IN A BOX.

STAIR RODS.



Polished Brass, Oval.

Length	⅝×24	⅝×26	¾×28	¾×30in.
W't per doz	2	2½	3	3½ lbs.
Per dozen	$1.05	1.15	$1.40	1.50

TWO DOZEN IN A PACKAGE. COMPLETE WITH OVAL LOOPS.

Oval Loop Stair Rod Fastenings.

No. 246—⅝ in., brass..... per gross $1.50
No. 246—¾ in., brass..... " 1.75

THREE DOZEN IN A PACKAGE.

Steel, Nickel Plated and Chased, Ball Tipped.

No. 28—7/16×28 in., w't per doz. 7 lbs., per dozen $3.00

No. 30—⅜×30 in., w't per doz. 11 lbs., per dozen..... 3.75

ONE DOZEN IN A PACKAGE, WITH NICKEL PLATED SCREW EYES.

PICTURE NAILS, HOOKS, WIRE, ETC.

PICTURE NAILS.

No. 9.

No. 24.

Plain Polished Brass Rim.

No. 9—13/16 in., white porcelain center, w't per gro. 2¾ lbs.....per gross $2.40

No. 9—13/16 in., ruby glass center, w't per gro. 2¾ lbs.....per gross 3.00

Plain Silver Finish Rim.

No. 24—5/8 in., ruby star glass center, w't per gro. 3 lbs.....per gross $3.50

NO. 9, ONE GROSS; NO. 24, ONE-QUARTER GROSS IN A BOX.

Nos. 100 to 103.

Nos. 37 to 40.

Plain Silver Finish Rim.

No. 100—13/16 in., crystal glass center, per gross..... $4.00

No. 101—13/16 in., ruby cross glass center, per gross..... 4.00

No. 102—13/16 in., green cross glass center, per gross..... 4.00

No. 103—13/16 in., blue cross glass center, per gross..... 4.00

ONE-QUARTER GROSS IN A BOX. WEIGHT 3 POUNDS PER GROSS.

Fancy Silver Finish Rim.

No. 37—1⅛ in., white star glass center, per gross..... $6.00

No. 38—1⅛ in., ruby star glass center, per gross..... 6.00

No. 39—1⅛ in., green star glass center, per gross..... 6.00

No. 40—1⅛ in., blue star glass center, per gross..... 6.00

ONE-QUARTER GROSS IN A BOX, WEIGHT 3¾ POUNDS PER GROSS.

PUSH PINS.

No. 1.
(Actual size.)

No. 2.
(Actual size.)

No. 1—Length 5/8 in., round tapered steel points, firmly embedded in handles of polished, transparent glass, w't per gross ¾ lbs.....per gross $2.40

No. 2—Length 1 in., round tapered steel points, firmly embedded in handles of transparent glass, w't per gross ⅞ lb.....per gross $2.40

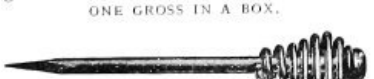
HALF DOZEN IN A PAPER, TWENTY-FOUR PAPERS IN A CARTON.

PICTURE NAILS.

Brass Head.

No. 10—Inches	1½	2	2½	3
W't per gro....	¾	1½	2¼	2¾ lbs
Per gross $1.05		1.40	1.60	1.90

ONE GROSS IN A BOX.



No. 30—3 in., CROWN, nickel plated, with spiral wire head, w't per gro. 3¾ lbs.....per gross $2.75

ONE-QUARTER GROSS IN A BOX.

PICTURE KNOBS.

Porcelain, Nickel Plated Base and Rose, Long Screw.

Nos.....	127	125	122	129
Diameter	¾	⅞	1	1⅛ in.
W't per gro....	3½	3¾	5¼	6½ lbs.
Per gross $5.40		5.60	5.90	6.20

ONE-QUARTER GROSS IN A BOX.

SCREW SUPPORTS.

Plain Silver Finish Rim and Base.

No. 260—1⅛ in., silvered center, per gross..... $8.00

No. 261—1⅛ in., ruby center, per gross.. 8.00

No. 262—1⅛ in., green center..per gross 8.00

No. 263—1⅛ in., blue center..... " 8.00

ONE-QUARTER GROSS IN A BOX. WEIGHT 3¾ LBS. PER GROSS.

PICTURE HOOKS.

Nos. 107 and 09.

No. 27.

No. 107—Wrought steel, plain brass plated, for 1½ in. moulding, w't per gro. 1¼ lbs.....per gross $0.70

No. 09—Wrought brass, plain for 1½ in. moulding, w't per gro. 1 lb...per gross 2.40

ONE GROSS IN A BOX.

No. 09.

No. 99.

No. 327.

No. 27—Wrought steel, fancy brass plated, for 1½ in. moulding, w't per gro. 2¼ lbs.....per gross 1.20

No. 99—Wrought brass, fancy, for 1½ in. moulding, w't per gro. 2½ lbs., per gross..... 3.00

No. 327—Wrought steel, brass plated, for 1¼ or 1½ in. moulding, convex top and bottom, adds to the strength and stiffness, w't per gro. 2 lbs....per gross 3.00

NO. 327, HALF GROSS, BALANCE ONE GROSS IN A BOX.

No. 65.

No. 5

No. 65—Wrought brass, fancy, brass gilt finish, for 1½ in. moulding, w't per gro. 3 lbs.....per gross $3.60

No. 5—CROWN, wrought brass, fancy, for 1½ in. moulding, safety locking, w't per gro. 4½ lbs.....per gross 6.50

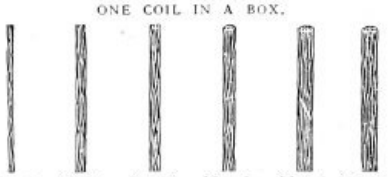
ONE-QUARTER GROSS IN A BOX.

PICTURE WIRE.

Braided Tinned Wire, 25 Feet in a Coil.

Nos.....	10	20	30
Number of Strands	8	12	16
W't per doz. coils .	¾	1	1¼ lbs.
Per dozen coils....$1.75		2.25	2.75

ONE COIL IN A BOX.



No. 0 No. 1 No. 2 No. 3 No. 4 No. 5

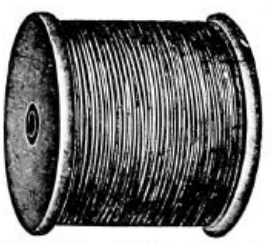
Braided Tinned Wire, 25 Yards in a Coil.

Nos.....	0	1	2
Number of strands	4	8	12
W't per doz. coils .	¾	2¼	2¾ lbs.
Per dozen coils....$2.00		3.00	4.00
Nos.....	3	4	5
Number of strands	16	20	24
W't per doz. coils .	3¼	4¼	4½ lbs.
Per dozen coils....$5.00		6.50	8.00

Braided Gilt Wire, 25 Yards in a Coil.

Nos.....	00	01	02	03
No. of strands..	4	8	12	16
W't per doz. coils	1	1¾	2¾	2¾ lbs.
Per dozen coils..$5.25		9.00	12.75	18.75

ONE COIL IN A BOX. ONE DOZEN BOXES IN A CARTON.



Braided Tinned Wire on Spools.

Nos.....	1	2	3
Ft. per lb.....	480	300	222
Per pound $2.50		2.50	2.50

FIVE POUNDS ON A SPOOL.

LADDER AND PICTURE CHAIN.

No. 19—Ladder chain, light brass wire, w't per doz. yards ¾ lb., per dozen yards..... $1.00

No. 11—Picture chains No. 19, brass ladder chain, with brass moulding hooks and screw hook, length 3 ft., adjustable in length, for picture nail or moulding, w't per doz. ¾ lb., per dozen..... $1.25

No. 10—Picture chains No. 19, brass ladder chain, with brass loop and screw hook, length 3 ft., adjustable in length, for picture hook or nail, w't per doz. ¾ lb.....per dozen $1.25

NO. 19, ONE DOZEN YDS. IN A BOX; BALANCE, ONE DOZEN IN A BOX.

POCKET MATCH SAFES, TEA AND CALL BELLS.

POCKET MATCH SAFES.

No. 51.

No. 9.

No. 51—Nickel plated, w't per doz. ¾ lbs.....per dozen $1.20
No. 9—Excelsior, nickel plated, w't per doz. 1 lb.....per dozen 2.00
ONE DOZEN IN A BOX.

No. 60.

No. 0650.

No. 60—Charm, nickel plated, w't per doz. 1 lb.....per dozen $2.50
No. 0650—Decorated, nickel plated, w't per doz. 1 lb.....per dozen 3.50
ONE DOZEN IN A BOX.

No. 650.

No. 840.

No. 400.

No. 650—Mascot, decorated, nickel plated, w't per doz. 1 lb.....per dozen $3.50
No. 840—Plain, nickel plated, w't per doz. ¾ lb.....per dozen 3.00
No. 400—Decorated, nickel plated, w't per doz. 1 lb.....per dozen 3.50
ONE DOZEN IN A BOX.

TEA BELLS.

Nos. 1T and 2T.

No. 715.

No. 1T—White metal, enameled handle, 2⅛ in. mouth, w't per doz. 3 lbs., per dozen $2.00
No. 2T—White metal, enameled handle, 2⅜ in. mouth, w't per doz. 3½ lbs., per dozen 2.50
No. 715—Cast silver plated, 2¼ in. mouth, height 3½ in., w't per doz. 3 lbs.....per dozen 7.50

CALL BELLS.

No. 72.

No. 9452.

No. 72—2¾ in., nickel plated steel gong and base, w't per doz 3½ lbs., per dozen $4.00
No. 9452—2¾ in., nickel plated sheet steel metal gong, lacquered iron base, w't per doz. 5 lbs.....per dozen 4.00
NO. 72, HALF DOZEN; NO. 9452, ONE IN A BOX.

No. 9459.

No. 9300.

No. 9459—2¾ in., nickel plated steel metal gong, nickel plated cast base, w't per doz. 6 lbs.....per dozen $ 7.00
No. 9300—2½ in., nickel plated cast bell-metal gong, bronzed iron base, w't per doz. 6 lbs.....per dozen 10.00
ONE IN A BOX.

No. 9200.

No. 9403.

No. 9200—2½ in., nickel plated cast bell-metal gong, gold bronzed iron base, w't per doz. 6 lbs.....per dozen $11.00
No. 9403—3 in., silver plated cast bell-metal gong, gold plated base, w't per doz. 9 lbs.....per dozen 14.00
ONE IN A BOX.

No. 0113.

No. 214.

No. 0113—3 in., electric, nickel plated silver alloy gong, nickel plated base, w't per doz. 9 lbs.....per dozen $34.00
No. 214—3 in., electric, nickel plated silver alloy gong, natural bronze base, w't per doz. 13 lbs.....per dozen 36.00
ONE IN A BOX.

HAND BELLS.

Polished Brass, Enameled Handle.

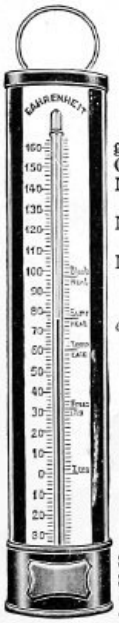
Nos.	0	1	2	3	
Dia. of m'th.	2	2⅜	2⅝	3	in.
W't per doz.	2	2¾	3½	4	lbs.
Per dozen...	$2.00	2.62	3.50	4.50	
Nos.	4	5	6	7	
Dia. of m'th.	3⅜	3¾	4	4½	in.
W't per doz..	5½	7	8½	12	lbs.
Per dozen...	$6.50	8.50	11.25	13.75	
Nos.	8	9	10	12	
Dia. of m'th.	5	5 7/16	5 15/16	6⅝	in.
W't per doz.	13½	17	21	29	lbs.
Per dozen...	$18.50	24.00	30.00	36.00	

Nos.	2S	4S	6S	
Dia. of mouth	2½	3⅛	3¾	in.
W't per doz..	3½	6	8¼	lbs.
Per dozen....	$6.00	9.00	13.50	
Nos.	8S		10S	
Dia. of mouth....	4¾		5⅝	in.
W't per doz.....	17		24	lbs.
Per dozen.....	$22.50		38.25	

Pure Copper and Tin without Alloy, Highly Polished, Enameled Handle.

No. 8M—Milkmen's, diameter of mouth 5⅝ in., w't per doz. 28 lbs., per dozen $30.00
No. 10A — Auction, diameter of mouth 6¾ in., w't per doz. 48 lbs., per dozen 40.00

THERMOMETERS.



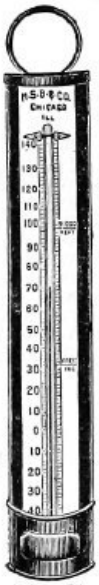
Nos. 7. 8 and 10.

Tin Case (Japanned), Lithographed Metal Scale, Common Grade, Mercury Tubes.

No. 7—7 in., w't per doz. 2 lbs., per dozen $2.15
No. 8— 8 in., w't per doz. 2¼ lbs. ..... per dozen 2.50
No. 10—10 in., w't per doz. 3 lbs., per dozen 3.25

When spirit tubes are wanted, add a cipher to above numbers.

HALF DOZEN IN A BOX.



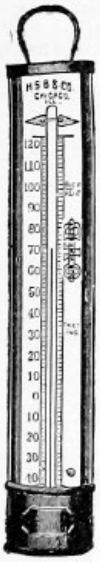
Nos. 81 and 91.

Tin Case (Japanned), Silvered Brass Scale, Selected Common Grade, with Scales, Tubes and Cases, Heavier than Common Grade, Mercury Tubes.

No 81—8 in., w't per doz. 3 lbs., per dozen ..... $ 3.00
No. 91—10 in., w't per doz. 3¾ lbs., per dozen..... 4.00

When spirit tubes are wanted, add a cipher to above numbers.

HALF DOZEN IN A BOX.



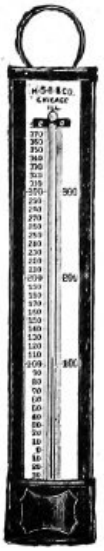
Nos. 4½ and 5.

"Our Very Best," Tin Case (Japanned), Silvered Brass Scales, Heavy Cases, Scales and Tubes, Standard Grade, Seasoned, Tested and Graduated with Special Care as to Accuracy, Mercury Tubes.

No. 4½—8 in., w't per doz. 3½ lbs. ..... per dozen $13.50
No. 5 —10 in., w't per doz. 5½ lbs..... per dozen 18.00

When spirit tubes are wanted, add a cipher to above numbers.

QUARTER DOZEN IN A BOX.



High Range Tin Case (Japanned), Metal Scale, Mercury Tubes.

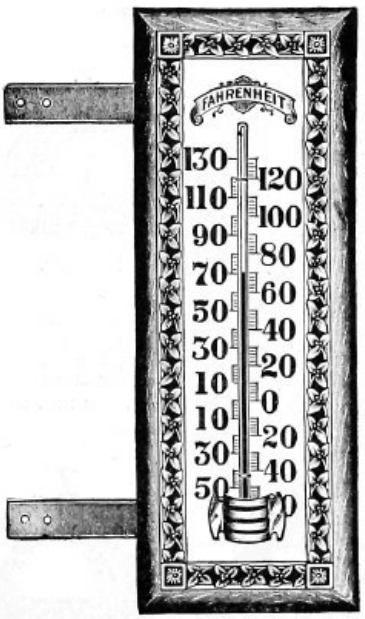
No. 3 —10 in., lithographed tin scale, common grade, 270 degrees, w't per doz. 3 lbs., per dozen $3.50
No. 6½—10 in., lithographed tin distance scale, large figures, heavy case, selected common grade, ruby back tube, 270 to 300 degrees, w't per doz. 3½ lbs., per dozen..... 6.75

This thermometer is specially made for hop and tobacco curing.

No. 16½—"OUR VERY BEST" 10 in., silvered brass scale, standard grade, guaranteed accurate, 300 degrees F., w't per doz. 4 lbs., per dozen..... 19.25

The high range thermometers are used in hop curing, tobacco curing, dry kilns, fruit evaporating and for any high temperature work not exceeding 300 degrees F.

NOS. 3 AND 6½, HALF DOZEN; NO. 16, ONE QUARTER DOZEN IN A BOX.



No. 14½.

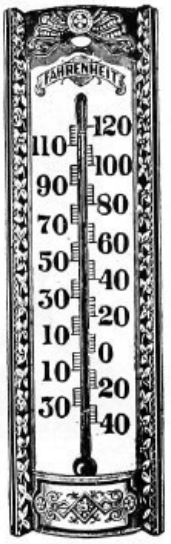
Lithographed Distance Reading Thermometers, Magnifying Spirit Tubes, Common Grade.

No. 348 —8 in., lithographed tin back, w't per doz. 1¾ lbs., per dozen $3.00
No. 349 —10 in., lithographed tin back, w't per doz. 2 lbs., per dozen 4.00
No. 38 —8 in., lithographed tin scale and cherry wood back, w't per doz. 3½ lbs...per dozen 4.00
No. 39 —10 in., lithographed tin scale and cherry wood back, w't per doz. 5½ lbs...per dozen 5.00
No. 14½—10 in., lithographed tin scale and cherry wood back, but with metal brackets for attaching to window frame, w't per doz. 5¾ lbs., per dozen..... 6.00

All of the above tin case and distance reading Thermometers are graduated from about 50 to 60 below zero to 120 above.

These thermometers are used mainly for indicating outdoor temperatures, and the cases are adapted to stand outdoor wear.

ONE DOZEN IN A BOX.

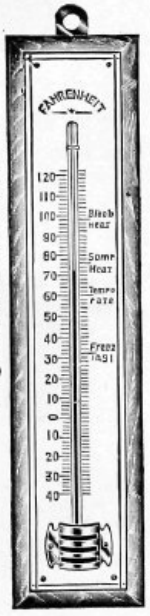


Nos. 348 and 349.

Copper Plated Case, Distance Reading Numbers, Black Oxidized Metal Scale, Large Figures, Mercury Tubes.

No. 17—8 in., w't per doz. 2¼ lbs....per dozen $7.50
No. 18—10 in., w't per doz. 3 lbs.....per dozen 9.00

When spirit tubes are wanted, add a cipher to above numbers.

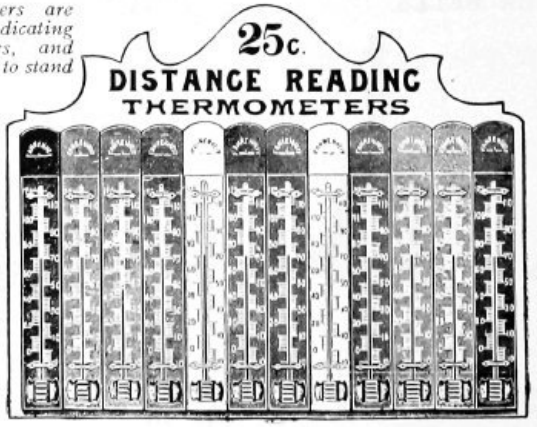


Household, Common Grade, Cherry Wood Back, Black Oxidized Metal Scale, Mercury Tubes.

No. 250—7 in., w't per doz. 2½ lbs.:.....per dozen $5.50
No. 251—8 in., w't per doz. 3 lbs.....per dozen 6.00
No. 252—10 in., w't per doz. 4¾ lbs.....per dozen 8.00

When spirit tubes are wanted, add a cipher to above numbers.

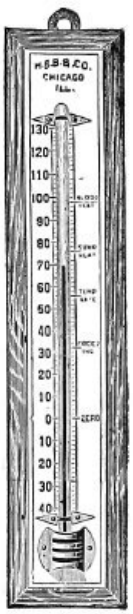
ONE DOZEN IN A BOX.



Household.

No. 37—8 in., distance reading wood back thermometer, mercury tubes, finished in assorted colors and one dozen mounted on ornamental easel back display card, w't per assortment 1¾ lbs ..... per assortment **$4.00**

THERMOMETERS.



Nos. 0254, 254 and 255.

Household, Medium Grade, Beveled Oak Back, Black Oxidized Metal Scale, Mercury Tubes, Carefully Tested, Bulb Guarded, Tube Mounted with Clasps.

No. 0254— 6 in., w't per doz. 3½ lbs., per dozen $ 8.25
No. 254—8 in., w't per doz. 4 lbs...per dozen 9.00
No. 255—10 in., w't per doz. 5 lbs...per dozen 12.00

When spirit tubes are wanted add a cipher to above numbers.

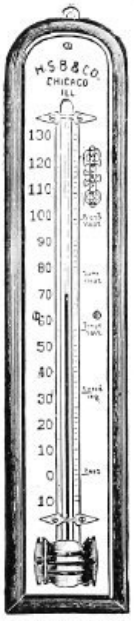
ONE DOZEN IN A BOX.

"OUR VERY BEST."

Household, Standard Grade, Polished Oak Back, Oval Top, Cove Moulded, Extra Heavy Black Oxidized Metal Scale, Mercury Tubes, Seasoned, Tested and Graduated with Special Care as to Accuracy, Tubes Mounted with Polished Bronze Trimmings.

No. 264—6 in., w't per doz. 3½ lbs., per dozen $15.00
No. 265—8 in., w't per doz. 4 lbs..per dozen 18.00
No. 266—10 in., w't per doz. 5 lbs..per dozen 24.00

ONE DOZEN IN A BOX.



Nos. 264 to 266.

Household Standard Grade, Highly Polished, "Piano Finish," Mahogany Back, High Grade Wood, Extra Heavy Black Oxidized Metal Scale, Mercury Tubes, Seasoned, Tested and Graduated with Special Care as to Accuracy, Tubes Mounted with Polished Bronze Trimmings.

No. 606—6 in., w't per doz. 3½ lbs., per dozen..... $18.00
No. 608—8 in., w't per doz. 4 lbs., per dozen..... 24.00
No. 610—10 in., w't per doz. 5 lbs., per dozen..... 30.00

The range of the household thermometers is about 20° to 30° below zero to 120° above, being used mainly for indicating temperatures in houses.

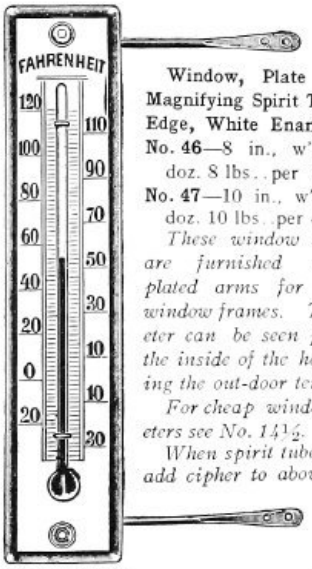
HALF DOZEN IN A BOX.

Radial Scale, Black Oxidized Metal Scale, Nickel Plated Brass Ends, Range 20° Above to 120° Above, Spirit Tube.

No. 355—8 in., w't per doz. 6 lbs..per dozen $27.00

Designed to suspend by an accompanying chain with snap from a chandelier or bracket, and indicates the true mean temperature of the room. It can be read at a distance and from any side of the room.

No. 355.



Nos. 46 and 47.

Window, Plate Glass, with Magnifying Spirit Tubes, Beveled Edge, White Enameled Face.

No. 46—8 in., w't per doz. 8 lbs..per dozen $15.00
No. 47—10 in., w't per doz. 10 lbs..per dozen 19.50

These window thermometers are furnished with nickel plated arms for attaching to window frames. The thermometer can be seen plainly from the inside of the house, indicating the out-door temperature.

For cheap window thermometers see No. 14½.

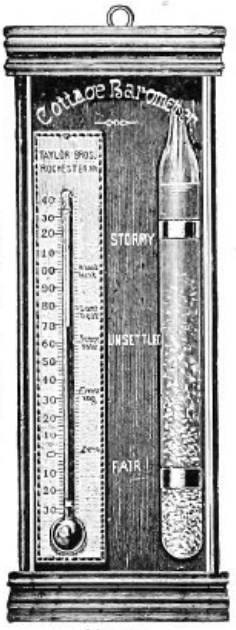
When spirit tubes are wanted add cipher to above numbers.

ONE IN A BOX.

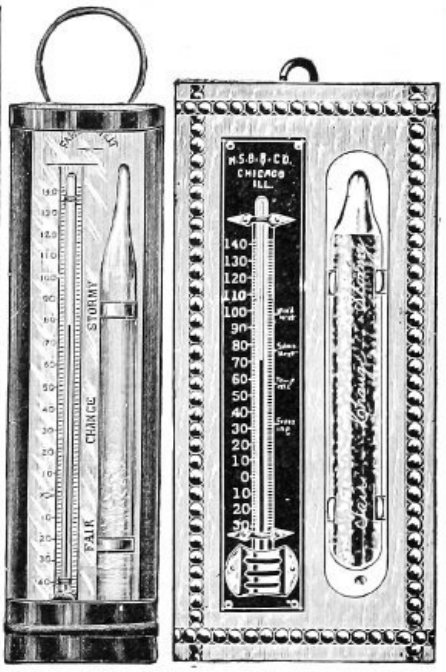
Thermometer and Storm Glass Mounted on Enameled Lithographed Background, Spirit Tube.

No. 58—Size 8¾×3 in. cottage barometer, w't per doz. 3½ lbs., per dozen.....$3.00

ONE DOZEN IN A BOX.



No. 58.



No. 1521. No. 618.

Japanned, Tin Case, Storm Glass, Silvered Brass Scale.

No. 1521—9×2¼ in., w't per doz. 3½ lbs.....per dozen $6.00

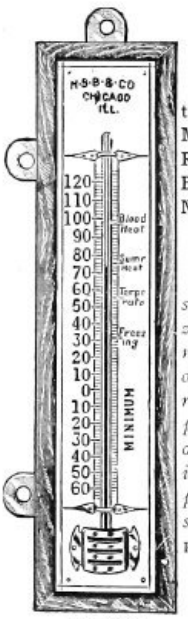
ONE DOZEN IN A BOX.

Oak Back Beaded Edge Storm Glass, Black Oxidized Metal Scale, Weather Marks Etched on Bottle.

No. 618—8½×4 in., w't per doz. 7¾ lbs., per dozen..... $13.50

Storm glass may be used indoors or outdoors and indicates the approach of a storm. The white flakes in the liquid of the bottle rise for the approach of a storm, and during fair weather fall to the bottom.

HALF DOZEN IN A BOX.



No. 663.

Medium Grade, Self Registering, Black Oxidized, Metalic Scale, Minimum Registering Thermometer, Beveled Oak Back.

No. 663—10 in., w't per doz. 5 lbs., per dozen.....$18.00

This thermometer is designed to hang in a horizontal position and the needle which is in the liquid of the thermometer is carried down when the temperature falls and remains at the lowest point, thus indicating the lowest temperature since previous observation.

PACKED ONE DOZEN IN A BOX.

THERMOMETERS.

BAKE OVEN.

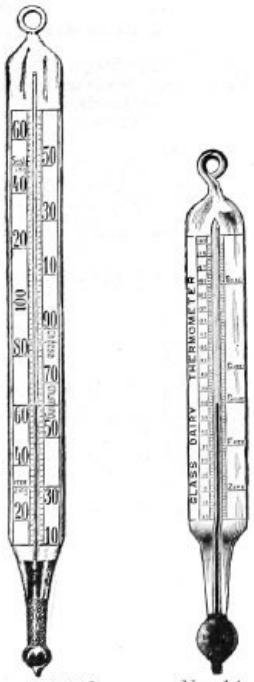
Flanged, Black Oxidized Scale with Easel Back with Specifications for Household Cooking, Range 600° F.

No. 321—6 in., w't per doz. 2½ lbs., per dozen..... $18.00

This thermometer is specially desirable for home cooking and for small bakers, and a great saving can be made in using this thermometer in preventing over or under cooking of food.

HALF DOZEN IN A BOX.

DAIRY.



Nos. 140 and 142. No. 14.

Floating, All Glass, Common Grade, Easy Reading Scale, Shot Weighted, Guaranteed to Float Upright.

No. 140—8½×⅛ in., spirit tube, w't per doz. 1¼ lbs.....per dozen $4.50

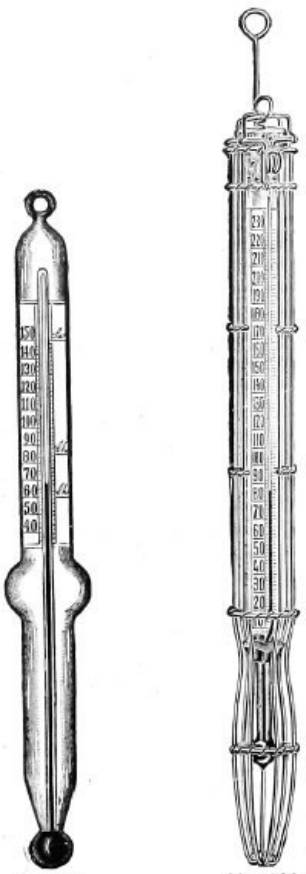
No. 142—8½×⅛ in., mercury tube, w't per doz. 1¼ lbs.....per dozen 4.50

Floating, All Glass, Common Grade, Mercury Tube, Ordinary Scale, Not Weighted.

No. 14—8 in., w't per doz. 1 lb., per dozen $3.75

ONE IN A ROUND PAPER BOX.

DAIRY.



No. 145. No. 828.

Floating, All Glass, Standard Grade, Hand Graduated Scale, Very Accurate, with Swell at the Middle of Tube to Keep the Scale above the Cream, Mercury Tube, Large Figures.

No. 145—9½×⅝ in., w't per doz. 1¾ lbs., per dozen..... $9.00

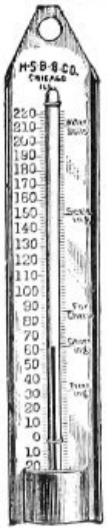
PACKED EACH IN A ROUND PAPER BOX.

All Glass, with Galvanized Wire Protecting Armor, Common Grade, Range from About 30 to 220° F., Long Open Scale, Mercury Tube, with Specifications for Churning, Separating and Pasteurizing.

No. 828—12×1 in., w't per doz. 3½ lbs., per dozen..... $12.00

This thermometer can be handled roughly and the armor will protect the tube from all damage.

ONE IN A BOX.

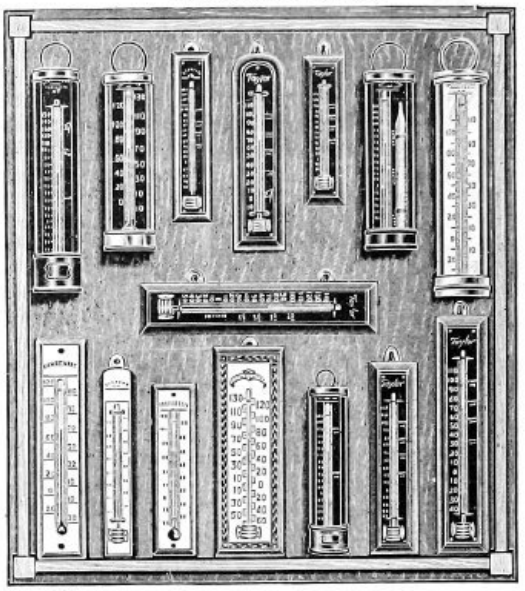


Flanged Brass Scale, Common Grade.

No. 12—8 in., w't per doz. 2 lbs.....per dozen $3.00

HALF DOZEN IN A BOX.

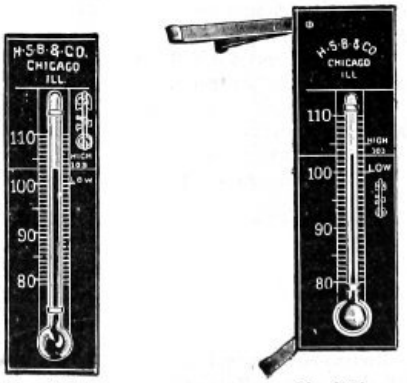
ASSORTMENTS.



No. 1 Assortment—Contains 37 thermometers (15 styles) to retail from 25 cents to $1.25 each, handsomely finished weather oak display board with molded edge is given with each assortment, per assortment..... $19.70

The assortment consists of all of the best sellers of our line. A printed slip accompanies each assortment, giving the retail selling price of each thermometer. Each hook on the board is numbered so that the thermometers can be readily placed in position.

STANDARD GRADE INCUBATOR.



No. 105½. No. 754.

Black Oxidized Metal Scale, Graduated from About 90 to 110, Mercury Tube.

No. 105½—4 in., w't per doz. 1¾ lbs., per dozen..... $9.00

With Adjustable Legs for Maintaining a Position of the Thermometer Just Over the Egg, Otherwise Same as No. 105½.

No. 754—4 in., w't per doz. 1¾ lbs., per dozen..... $10.50

Incubator thermometers are used between the temperatures of 100 and 105 and if inaccurate between these temperatures incalculable loss is bound to result. Our tubes are thoroughly seasoned and tested and we guarantee the permanent accuracy of every thermometer.

ONE DOZEN IN A BOX.

WEATHER STRIPS.

REV-O-NOC METALLIC STITCHED

"REV-O-NOC."

Width	⅜	½	⅝	¾ in.
Average w't per 100 ft.	3¼	3½	4¼	5 lbs.
Per 100 ft.	$2.50	3.00	3.25	3.75

In the REV-O-NOC metallic weather strip the rubber is secured by teeth. It is made of zinc and a much better quality of rubber than is usually found in weather strip. It is neat in appearance and not affected by the weather. The metal is corrugated and turned at both edges, making it very stiff. The rubber is clamped in position and securely held by the saw-tooth edge of the metal, and will not pull out. It has been used largely by railroads and is recommended as the very best yet produced.

ONE HUNDRED FEET IN A PASTEBOARD BOX, SIZE 18×18 IN.

ALASKA METALLIC STITCHED.

Width	½	⅝	¾ in.
W't per 100 ft.	2½	3¾	4¾ lbs.
Per 100 ft.	$2.25	2.65	3.25

The "Alaska" is the simplest form of metallic weather strip. It is made of one piece of sheet zinc, corrugated for strength. The rubber is securely fastened to the metal by teeth or barbs (ten to the inch) which are punched through the rubber and clinched on the other side. It is light, has sufficient strength to preserve its shape, and can be pulled out of package perfectly straight. Holes are punched 2½ in. apart for tacks. When the saving in freight and waste is taken into consideration, dealers will find that the "Alaska" is as cheap as the wood strip, with the advantage of furnishing their trade a much better article.

ONE HUNDRED FEET IN A PASTEBOARD BOX, SIZE 12×12 IN.

GALVANIZED DOOR BOTTOMS.

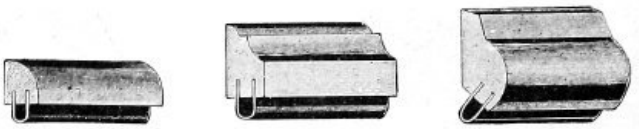
DAISY, Automatic, Galvanized Iron, Reversible.

No. 28—2 ft. 8 in., w't per doz. 22 lbs. ..... per dozen $18.00
No. 30—2 ft. 10 in., w't per doz. 24 lbs. ..... " 18.00

They come down over the threshold ,so that no matter how large the opening it is entirely covered. They are reversible and can be used on doors opening either to the right or left. The strip is controlled by an automatic rod, which on hitting the jamb, forces the bottom strip firmly against the base.

Packed complete with screws and nails

WOOD AND RUBBER.

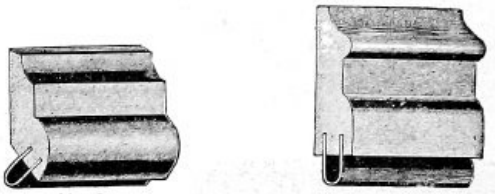


No. 0 No. 1 No. 2

Walnut Stained Wood, Black Rubber Cushion.

No. 0—⅝ in., for upper sash of window, w't per 100 ft. 3 lbs., per foot $0.05
No. 1—⅞ in., for lower sash of window, w't per 100 ft. 3¾ lbs., per foot ..... .05
No. 2—1 in., for center of windows, w't per 100 ft. 5 lbs. ..per foot .07

IN STRIPS OF TWELVE FEET.



No. 3 No. 4

Walnut Stained Wood, Black Rubber Cushion.

No. 3—1¼ in., for center of double doors, w't per 100 ft. 7½ lbs., per foot $0.08
No. 4—1⅝ in., for bottom of light doors, w't per 100 ft. 9 lbs., per foot ..... .10
No. 7—2 in., for bottom of heavy doors, w't per 100 ft. 12 lbs., per foot ..... .12

IN STRIPS OF TWELVE FEET.

WOOD AND FELT.

No. 60 No. 61

Walnut Stained Wood, Black Felt Cushion.

No. 60—⅝ in., for upper sash of window, w't per 100 ft. 3¾ lbs., per foot $0.04
No. 61—⅞ in., for sides of windows and doors, w't per 100 ft. 5 lbs., per foot ..... .05

IN STRIPS OF TWELVE FEET.

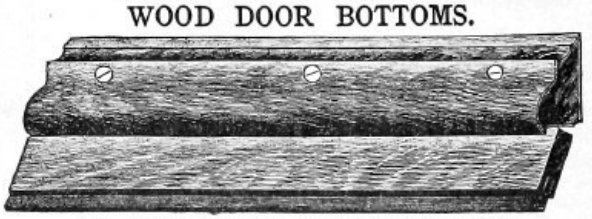
Nos. 62 and 63 No. 64

Walnut Stained Wood, Black Felt Cushion.

No. 62—1 in., for center of windows, per 100 ft. 5¼ lbs., per foot $0.07
No. 63—1¼ in., for center of double doors, w't per 100 ft. 8¼ lbs., per foot ..... .09
No. 64—1⅝ in., for bottom of doors,w't per 100 ft. 10 lbs., per foot .09
No. 65—2 in., for bottom of heavy doors,w't per 100 ft. 16½ lbs., per foot ..... .12

IN STRIPS OF TWELVE FEET.

WOOD DOOR BOTTOMS.



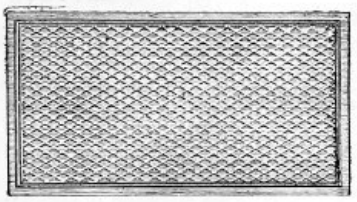
Wood, Walnut Stained, Flexible Rubber Cushion.

No. 1—2 ft. 8 in. long, w't per doz. 9 lbs. ..... per dozen $6.00
No. 2—3 ft. long, w't per doz. 9½ lbs. ..... " 6.00

These door bottoms may be easily shortened and adjusted to any door.

DOOR MATS AND FOOT SCRAPERS.

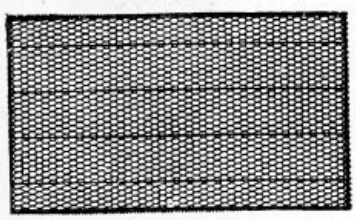
DOOR MATS.



No. 1830—17×31 in., rubber, solid bottom and edge, diamond ribbed center, w't per doz. 66 lbs.. .....per dozen $36.00

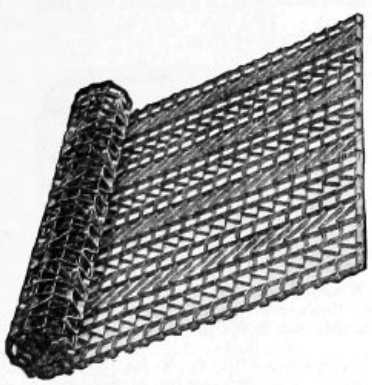
This is one of the best patterns of rubber door mats. The solid edge insures long life, the ribs, being wider at the bottom and tapering at the top, give strength, prevent their breaking away, and the bevel aids in removing the dirt.

ONE DOZEN IN A CASE.



National, Galvanized Steel Wire, Rigid Frame.

Nos.	22	23	24
Size	16×24	18×30	22×36 in.
Weight	5	7	10 lbs.
Per dozen	$18.00	24.00	36.00
Nos.	**25**	**26**	**27**
Size	26×48	30×48	36×48 in.
Weight	15	20	24 lbs.
Per dozen	$54.00	63.00	78.00



Showing Flexibility.

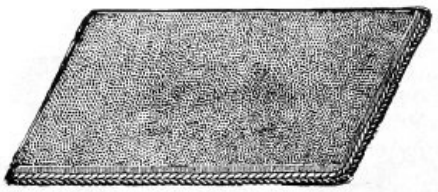
Cold Rolled Steel, Galvanized, Flexible.

Nos.	32	33	34	35
Size	16×24	18×30	22×36	26×48 in.
Weight	5	7	10	15½ lbs.
Per dozen	$21.00	30.00	39.00	66.00

Dimension Mats, any size to order, per square foot..... $0.65

Rolls up like cloth, flexible both ways, fits uneven floors, will not kink nor curl on the corners, will not rust, made of short pieces, no long rods to bend or break, will not cut linoleum, will not mark marble steps, cleans in rolling up, saves floors, carpets and labor, never slippery, noiseless to walk over, neatly trimmed, gives a mosaic effect.

DOOR MATS.



Cocoa Brush.

Nos.	2	3	4	5
Size	16×27	18×30	20×33	22×36 in.
Weight	5	6	7	8 lbs.
Per dozen.	$8.00	10.00	12.00	15.00

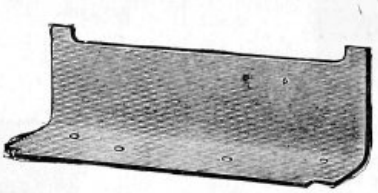
FOOT SCRAPERS.

No. 2—Japanned iron, width 5¾ in., height 2½ in., w't per doz. 6 lbs., per dozen..... $0.70

ONE DOZEN IN A PACKAGE.

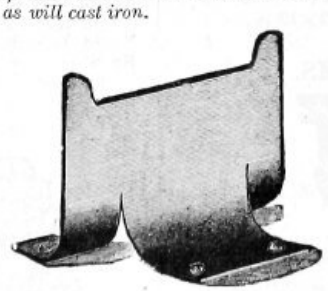
No. 14—Japanned iron, width 7 in., height 2 in., w't per doz. 7¼ lbs., per dozen..... $1.00

ONE DOZEN IN A PACKAGE.



No. 104—Japanned steel, width 6 in., height 2 in., w't per doz. 4½ lbs., per dozen..... $0.90

Made to supply the demand for inexpensive foot scraper, which at the same time will not bend or break, as will cast iron.



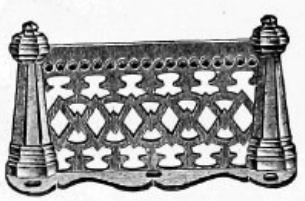
No. 101—Japanned Bessemer steel, width 6 in., height 3 in., w't per doz., 6 lbs., per dozen..... $2.50

NO. 104, LOOSE; NO. 101, ONE DOZEN IN A BOX, WITH SCREWS.

FOOT SCRAPERS.

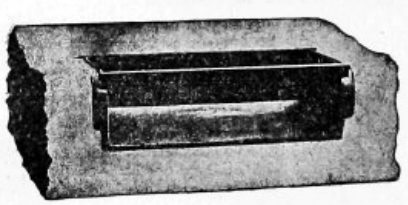
No. 4—Japanned iron, width 6 in., height 4½ in., w't per doz. 11 lbs., per dozen $1.50

HALF DOZEN IN A PACKAGE.



No. 012—Japanned iron, width 6½ in., height 3½ in., w't per doz. 12 lbs., per dozen..... $2.70

HALF DOZEN IN A PACKAGE.



No. 140—For concrete walks, made of steel and cast iron, w't per doz. 13½ lbs., per dozen..... $4.00

Sets solid in concrete and even with tops and edge of walk. No projection to stumble over or to interfere with lawn mowers.

LOOSE

No. 10—Japanned, with oval dish, cast in one piece, size of dish 11½×8½ in., width of scraper 6 in., w't per doz. 52 lbs. per dozen..... $6.75

LOOSE

BARNEY & BERRY ICE SKATES.

Cast Steel Blades, Upper Parts of Crucible Steel of Model Same as Highest Grade.

No. A—Grade, 0, polished, bright, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 in., per pair..... $1.00

ONE PAIR IN A PACKAGE.

No. AB—Grade 1, blued, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 in.....per pair $1.15

No. AN—Grade 2, polished, nickel plated, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 in.....per pair 1.40

ONE PAIR IN A BOX. AVERAGE WEIGHT 2¼ LBS.

No. F—Grade 2, all clamp, cast steel blades, upper parts of crucible steel, nickel plated, 9½, 10, 10½, 11, 11½ and 12 in.....per pair $2.15

ONE PAIR IN A BOX. AVERAGE WEIGHT 2¼ LBS.

Solid Cast Steel Blades, Hardened, Upper Parts of Crucible Steel.

No. ZB—Grade 1, blued, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 in., per pair $1.50

No. ZN—Grade 2, nickel plated, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 in., per pair..... 2.00

ONE PAIR IN A BOX. AVERAGE WEIGHT 2¾ LBS.

No. 2—Grade 2, AMERICAN CLUB, welded steel blades, tempered, upper parts of crucible steel, nickel plated, 9, 9½, 10, 10½, 11, 11½ and 12 in.....per pair $2.50

ONE PAIR IN A BOX. AVERAGE WEIGHT 2½ LBS.

No. 3—Grade 3, LOCK LEVER, best quality welded steel blades, highly tempered and warranted, tops of best quality material, polished and nickel plated, 10, 10½, 11, 11½ and 12 in...per pair $4.50

ONE PAIR IN A BOX. AVERAGE WEIGHT 2½ LBS.

No. 45—Grade 3, AMERICAN CLUB LOCK LEVER, welded steel ribbed blades, tempered, upper parts of crucible steel, polished and nickel plated, 9½, 10, 10½ 11, 11½ and 12 in.....per pair $5.00

ONE PAIR IN A BOX. AVERAGE WEIGHT 2¾ LBS.

No. E—Grade 2, HOCKEY, blades of cast steel, upper parts of crucible steel, polished and nickel plated, 9½, 10, 10½, 11, 11½ and 12 in.....per pair $1.75

ONE PAIR IN A BOX. AVERAGE WEIGHT 2¼ LBS.

Cast Steel Blades, Tempered, Upper Parts of Crucible Steel.

No. 32—Grade 2, H. F. HOCKEY, nickel plated, 9½, 10, 10½, 11, 11½ and 12 in..... per pair $2.25

No. 33—Grade 2, H. F. HOCKEY, narrow for ladies, 9, 9½, 10, 10½ and 11 in., per pair..... 2.25

Somewhat higher than the ordinary skate, and the blade has extra long bearing. It is light, consistent with strength.

ONE PAIR IN A BOX. AVERAGE WEIGHT 2½ LBS.

No. 42—Grade 2, HOCKEY, welded steel ribbed blades, tempered, upper parts of crucible steel, polished and nickel plated, 10, 10½, 11, 11½ and 12 in., per pair..... $3.50

ONE PAIR IN A BOX. AVERAGE WEIGHT 2½ LBS.

No. 43—Grade 3, ALL CLAMP HOCKEY, welded steel blades, tempered, upper parts of crucible steel, polished and nickel plated, 9½, 10, 10½, 11, 11½ and 12 in.....per pair $4.00

ONE PAIR IN A BOX. AVERAGE WEIGHT 2¾ LBS.

No. 63—Grade 3, SAFETY EDGE HOCKEY, best quality cast steel blades, highly tempered, upper parts of crucible steel, polished and nickel plated, 10, 10½ 11 and 11½ in.....per pair $5.00

In the construction of these hockey blades the several blades strengthen without adding weight, and blades are of high temper. The safety edge foot plate prevents slipping, having an extension projecting beyond the inside edge of shoe sole, which is ground off to conform to shape of sole, after skate is fastened for use. With each pair of skates two pieces of steel are furnished for use on outer side of sole.

ONE PAIR IN A BOX. AVERAGE WEIGHT 2½ LBS.

No. 66—Grade 3, CANADIAN HOCKEY, best quality throughout, edges beveled, superior finish, blades warranted hard, polished and nickel plated, 9½, 10, 10½ 11, 11½ and 12 in.....per pair $5.00

A popular Canadian Pattern.

ONE PAIR IN A BOX. AVERAGE WEIGHT 2 LBS.

No. 71—Style S, boy's racing, wood tops, $\frac{3}{16}$ in. plain polished, cast steel blades, natural finished wood tops, finely finished, best quality russet grain leather straps, 11, 12 and 13 in.....per pair $2.00

ONE PAIR IN A BOX. AVERAGE WEIGHT 2½ LBS.

⅛ Inch Cast Steel Blades, Finely Finished, Nickel Plated Top Plates, Toe and Center Plates Set Flush, Best Quality Russet Grain Leather Straps.

No. 72—Style A, racing, wood top, plain polished steel blades, natural finish wood tops, 14, 16 and 18 in. blades, per pair..... $3.00

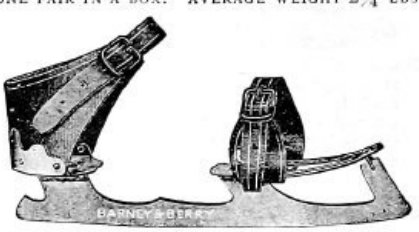
No. 73—Style B, racing, wood top, tempered blades, polished and nickel plated, rosewood finished wood tops, 14, 16 and 18 in. blades.....per pair 4.00

ONE PAIR IN A BOX. AVERAGE WEIGHT 2¾ LBS.

No. 21—Grade 3, RACER "ALL CLAMP," tempered by Barney & Berry's patent process, polished and nickel plated, 10½, 11, 11½ and 12 in.....per pair $5.00

Designed and made expressly for fast skating. All material used in their manufacture is of the best quality. They are made extra long and as light as is consistent with strength.

ONE PAIR IN A BOX. AVERAGE WEIGHT 2¾ LBS.

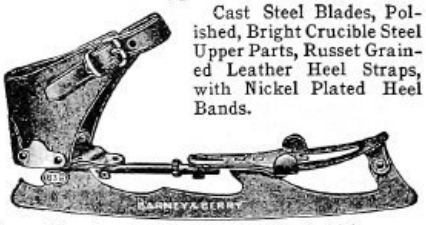


Cast Steel Blades, Polished, Bright Crucible Steel Foot Plates, Russet Leather Heel and Toe Straps.

No. 2L—Grade 0, bright, 7, 7½, 8, 8½, 9, 9½, 10 and 10½ in.....per pair $1.15

No. 2LB—Grade 1, blued, 8, 8½, 9, 9½, 10 and 10½ in.....per pair 1.30

ONE PAIR IN A PACKAGE. AVERAGE WEIGHT 1½ LBS.



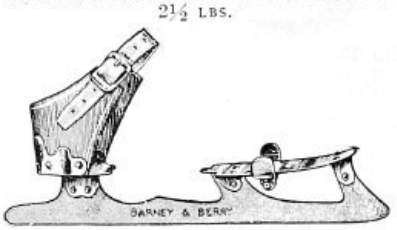
Cast Steel Blades, Polished, Bright Crucible Steel Upper Parts, Russet Grained Leather Heel Straps, with Nickel Plated Heel Bands.

No. LA—Grade 0, bright, 8, 8½, 9, 9½ 10, 10½, 11 and 11½ in.....per pair $1.50

No. LAB—Grade 1, blued, 8, 8½, 9, 9½, 10, 10½, 11 and 11½ in.....per pair 1.65

No. LAN—Grade 2, nickel plated, 8, 8½, 9 9½, 10, 10½, 11 and 11½ in...per pair 1.90

ONE PAIR IN A PACKAGE. AVERAGE WEIGHT 2½ LBS.

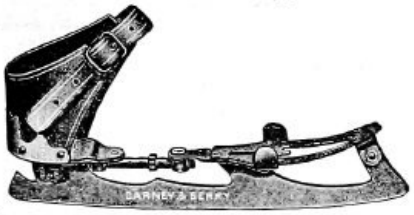


No. 492—Grade 2, LADIES' HOCKEY, welded steel blades, selected cold rolled steel tops, double threaded screw clamp fastening at toe, russet grain leather supporting strap, nickeled band at heel, full nickel plated, sizes 9, 9½, 10, 10½, and 11 in.....per pair $3.50

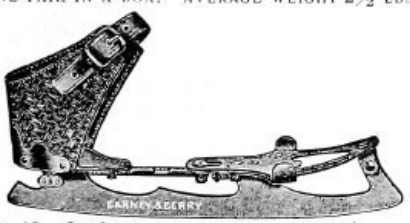
ONE PAIR IN A BOX. AVERAGE WEIGHT 2½ LBS.

BARNEY & BERRY ICE SKATES AND SUNDRIES.

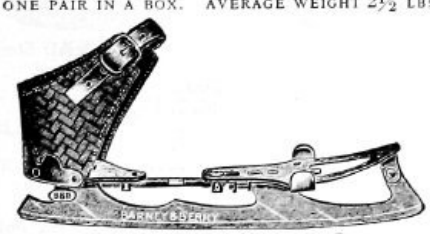
ICE SKATES.



No. LZ—Grade 2, solid cast steel hardened blades, polished, bright crucible steel upper parts, russet grained leather heel straps, nickel plated heel bands, nickel plated, 8½, 9, 9½, 10, 10½ and 11 in.....per pair $3.00
ONE PAIR IN A BOX. AVERAGE WEIGHT 2½ LBS.

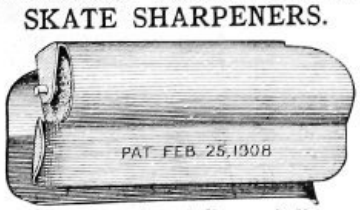


No. 13—Grade 3, LOCK LEVER, welded steel blades, highly tempered and warranted, best quality tops, best russet grained leather heel straps, embossed, stitched and lined, nickel plated heel bands, polished and nickel plated, 9½, 10, 10½ and 11 in.....per pair $4.50
ONE PAIR IN A BOX. AVERAGE WEIGHT 2½ LBS



No. 55—Grade 3, LADIES' AMERICAN CLUB LOCK LEVER, ribbed blades, steel faced, highly tempered and warranted, best quality tops, best quality russet grain leather heel straps, embossed, stitched and lined, nickel plated heel bands, polished and nickel plated, 9, 9½, 10 and 10½ in.....per pair $5.00
ONE PAIR IN A BOX. AVERAGE WEIGHT 2¾ LBS.

SKATE SHARPENERS.



No. 10—PERFECT, *for hollow grinding*, blued steel holder, projecting lugs, flexible grinders, rotary emery wheel, per dozen.....$1.50
No. 15—PERFECT, *for flat grinding*, otherwise same as No. 10.....per dozen 1.50
Will grind the hardest tool steel runner and positively will not soften it. The projecting lugs give an ideal grip; the guides being flexible, can be pressed to fit the thickness of any skate runner. Emery wheel is of best emery and corundum.
ONE DOZEN ON DISPLAY CARD.

SLED SKATES.

No. 1—Children's extension, polished cold rolled steel, adjustable from 6½ to 8 in., russet leather straps.....per pair $0.60
Made especially for the use of children in early efforts to skate. Extension allows it to be fitted to the foot of any small child. Forward part has no bolt or rivet heads where the soles of feet must rest, but a smooth surface.
ONE PAIR IN A BOX. WEIGHT 1½ LBS.

ANKLE SUPPORTS.

No. 5.

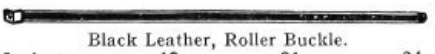
No. 5—Heavy russet leather, laced front, men's, boys' and ladies', w't per doz prs. 3¾ lbs.....per doz. prs. $12.00
ONE DOZEN PAIRS IN A BOX.
No. 2—Model B, grade 2, nickel plated, russet leather, w't per doz. prs., 6 lbs., per doz. prs.....$14.40

No. 2.

The lower part should be riveted to heel plate of skate, and a hinge plate connecting with upper part is made in line with the ankle, allowing the free forward and backward movement essential for easy skating. Strap is attached to guard which slides freely up and down, while absolutely preventing ankle from turning sidewise.

It can be attached to any ordinary lever skate, and it is only necessary to drill two small holes in heel clamp corresponding to those in support and fasten securely by means of the rivets which accompany supports.
ONE IN A BOX.

SKATE STRAPS.



Black Leather, Roller Buckle.

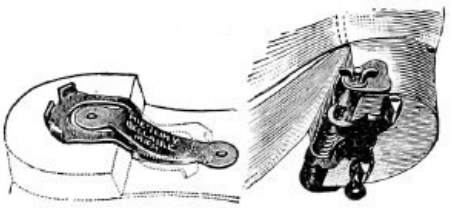
Inches.....	18	21	24
Per dozen pairs	$1.20	1.35	1.50

YANKEE SKATE, russet leather, patent buckle, size 20 in.....per dozen pairs $2.50

SKATE KEYS.

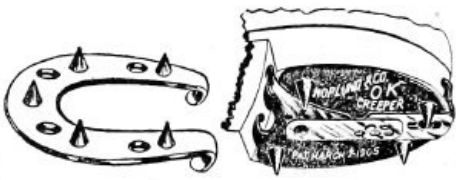
Malleable Iron, polished.....per hundred $2.00

ICE CREEPERS.



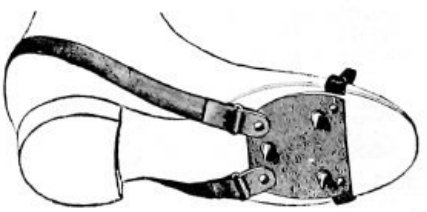
No. 4. No. 3.

No. 4—NEVER IN THE WAY, wrought steel, blued steel spring, folding, per dozen pairs.....$2.75
ONE DOZEN PAIRS IN A BOX. WEIGHT 2¼ LBS. NAILS INCLUDED.
No. 3—SAFETY, japanned, adjustable, folding.....per dozen pairs $3.00
ONE DOZEN PAIRS IN A BOX. WEIGHT 2½ LBS.



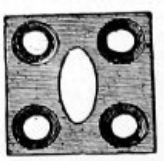
No. 9. No. 5.

No. 9—NEVER SLIP, stamped steel, inserted steel calks, assorted sizes, small, medium and large, with clinched nails, per dozen pairs.....$4.00
ONE DOZEN PAIRS IN A CARTON. WEIGHT 2¾ LBS.
No. 5—OK, stamped steel, inserted steel calks, applied as a pair of lever skates, assorted sizes, large for men, small for men and women, can be adjusted to several size heels.....per dozen pairs $6.00
PACKED SEPARATELY, ONE DOZEN PAIRS IN A BOX. WEIGHT 2¾ LBS.



No. 1—JAMESTOWN, galvanized iron, steel points, leather toe strap, fine rubber heel band, large for men, per dozen pairs.....$11.00
No. 2—Small for ladies, otherwise same as No. 1.....per dozen pairs 11.00
ONE DOZEN PAIRS IN A BOX. WEIGHT 6½ LBS

HEEL PLATES.



No. 14—Regular.....per hundred pairs $2.00
No. 97—Large holes.....“ “ 2.00

TABLE GIVING SIZES OF SKATES IN INCHES, WITH THE CORRESPONDING NUMBER OF SHOES.

Size of Skates.	7	7½	8	8½	9	9½ in.
Nos. of shoes	8, 8½, 9, 9½	10, 10½	11, 11½	12, 12½, 13	1, 1½, 2	2½, 3
Size of Skates.		10	10½	11	11½	12 in.
Nos. of shoes		3½, 4, 4½	5, 5½, 6	6½, 7, 7½, 8	8½, 9, 9½	10, 10½, 11

COASTERS AND SLEDS.

WOOD COASTERS.

Nos. 5 to 12.

No. 1—30×10 in., top neatly ornamented with animals and scrolls, 2 hand holes, flat shoes, w't per doz. 38 lbs., per dozen, - - - - - - - $ 4.75

No. 5—36×11 in., 4 hand holes, otherwise same as No. 1, w't per doz. 60 lbs., per dozen, - - - - - 6.00

No. 10—36×11 in., hardwood, varnished, top painted and decorated, 4 hand holes, round spring shoes, w't per doz. 55 lbs., - - - - per dozen 10.00

No. 12—42×12 in., otherwise same as No. 10, w't per doz. 90 lbs., - per dozen 13.50

HALF DOZEN IN A CRATE.

No. 16—42×12 in., hardwood, varnished, top painted bright colors and ornamented, 4 hand holes, round spring shoes, w't per doz. 115 lbs., per dozen $18.00

HALF DOZEN IN A CRATE. TWO OR MORE DESIGNS OF DECORATIONS.

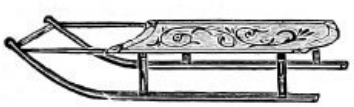
No. 18—42×12 in., polished maple runners, top painted in two colors, paneled and decorated by hand, runners braced with 4 angle irons, points of shoes are scrolled and tinned, 4 hand holes, patent round spring shoes, w't per doz. 125 lbs., - - - per dozen $24.00

ONE-THIRD DOZEN IN A CRATE, VARIETY OF COLORS AND ORNAMENTATIONS.

No. 27—48×12 in., highly polished maple runners, braced with angle irons, finished and polished in 4 colors of fine enamel—black, blue, red and white, most beautifully ornamented, with the names, Black Bird, Blue Bird, Red Bird and Snow Bird across top of each respective color, w't per doz. 192 lbs., per dozen, - - - - - - $48.00

ONE-THIRD DOZEN IN A CRATE, ONE OF EACH COLOR.

STEEL COASTERS.

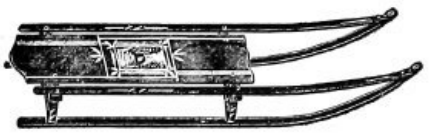


Round Back Angle Steel Runners, Japanned Braced Steel Frame, Scroll Tips, Wood Top, Hand Decorated.

No. 11—32×9×4½ in., 2 knees, w't per doz. 60 lbs., - - - per dozen $12.00

ONE-SIXTH DOZEN IN A BUNDLE.

STEEL COASTERS.



Japanned Braced Steel Frame, Round Back Angle Steel Runners, Wood Top, Hand Decorated.

No. 01—34×10½×4¼ in., 2 knees, w't per doz. 84 lbs., - - per dozen $16.00

No. 02—37×11½×4¾ in., 2 knees, w't per doz. 90 lbs., - - per dozen 18.00

No. 03—40×12½×5¼ in., 2 knees, w't per doz. 108 lbs., - - per dozen 21.00

No. 04—43×12½×5¼ in., 3 knees, w't per doz. 125 lbs., - - per dozen 24.00

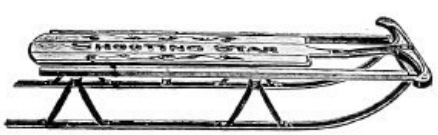
ONE SIXTH DOZEN IN A BUNDLE.

Japanned Braced Steel Frame, Round Back Angle Steel Runners, Tinned Iron Scroll Tips, Wood Top, Hand Decorated.

No. 1106—46×12½×4½ in., 3 knees, w't per doz. 144 lbs., - - per dozen $32.00

ONE-SIXTH DOZEN IN A BUNDLE.

STEERABLE STEEL COASTERS.



"Shooting Star," With Steering Bar, Spring Steel Runners, Pressed Steel Knees, Frame and Top of Straight Grained Hardwood, Handsomely Finished

No. 301—36×12 in., height 6 in., w't per doz. 100 lbs., - - per dozen $30.00

No. 302—40×13 in., height 6¼ in., w't per doz. 120 lbs., - - per dozen 36.00

TWO IN A CRATE.

"Shooting Star," With Steering Bar, Spring Steel Runners, Pressed Steel Knees, Frame and Top of Straight Grained Hardwood, Handsomely Finished.

No. 303—44×14 in., height 7 in., w't per doz. 168 lbs., - - per dozen $45.00

TWO IN A CRATE.

These sleds are securely made of first class materials. They combine well known features such as the steering bar which saves the necessity of retarding the sled by dragging the feet. The sleds are light in weight, yet practically indestructible.

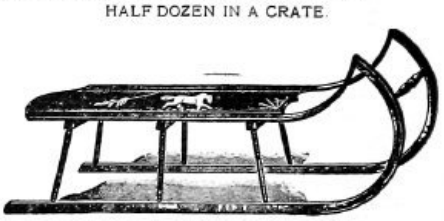
WOOD SLEDS.

No. 85—30×11 in., 2 knees, gear finished on the wood, top painted, decorated and striped, flat shoes, w't per doz. 32 lbs., per dozen, - - - - - $4.75

No. 86—33×12 in., otherwise same as No. 85, w't per doz. 42 lbs., - per dozen 6.00

The knees are securely framed, glued and mortised into runners at two angles with square tenons.

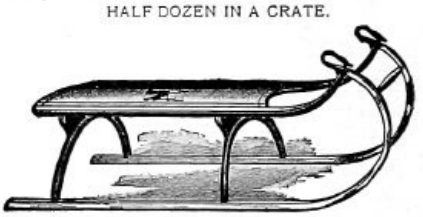
HALF DOZEN IN A CRATE.



No. 87—36×12 in., 3 knees, top painted various colors with decorations and striping, flat shoes, w't per doz. 52 lbs., per dozen, - - - - - $9.00

The knees are mortised into runners, with square tenons and set at two angles. No other sleds possess these features.

HALF DOZEN IN A CRATE.



No. 103—33×12 in., 2 bent knees, top finely decorated, flat shoes, w't per doz. 55 lbs., - - - per dozen $10.00

HALF DOZEN IN A CRATE.

No. 106—36×12 in., 3 bent knees, braced with 6 braces, finished on the wood, top nicely painted and decorated, oval shoes, w't per doz. 67 lbs., per dozen $13.50

HALF DOZEN IN A CRATE, WITH TWO OR MORE STYLES OF DECORATIONS.

No. 110—36×12 in., 3 bent knees, braced with 6 tinned braces extending from runner to cross beam, top painted in bright colors, nicely decorated and striped, gear finely finished on the wood, flat shoes, goose necks, w't per doz. 97 lbs., - - - per dozen $14.00

HALF DOZEN IN A CRATE.

SLEDS AND CHILDREN'S CUTTERS.

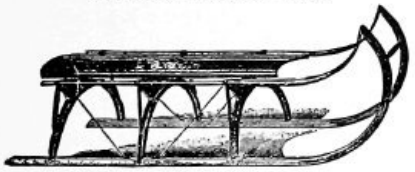
WOOD SLEDS.

No. 210—36×12 in., 3 bent knees, gear finished on the wood, 6 tinned braces, top handsomely colored, decorated and striped, oval shoes, w't per doz. 72 lbs., per dozen, - - - - - $17.50

HALF DOZEN IN A CRATE.

No. 125—36×12 in., 3 bent knees, gear finished on wood, top handsomely hand decorated, 6 full length tinned braces and large tinned malleable goose necks, oval shoes, w't per doz. 97 lbs., per dozen, - - - - - - $18.00

HALF DOZEN IN A CRATE, WITH TWO OR MORE STYLES OF DECORATIONS.



No. 330—33×11 in., 3 bent knees, gear made of second growth stock, securely braced with 6 tinned knee braces and 4 runner braces, top shaped on edges and beautifully decorated, oval shoes, w't per doz. 75 lbs., - - - per dozen $18.00

HALF DOZEN IN A CRATE.

STEEL SLEDS.

No. 300.

Round Back Angle Steel Runners, Japanned Braced Steel Frame, Wood Top, Hand Decorated.

No. 100—30×12×7½ in., 2 knees, w't per doz. 90 lbs., - - - per dozen $17.00

No. 200—33×12×7½ in., 2 knees, w't per doz. 102 lbs., - - per dozen 20.00

No. 300—36×12×7½ in., 3 knees, w't per doz. 114 lbs., - - per dozen 24.00

ONE-SIXTH DOZEN IN A BUNDLE.

Round Back Angle Steel Runners, Japanned Braced Steel Frame, Tinned Iron Goose Necks, Wood Top, Hand Decorated.

No. 020—33×12×8 in., 2 knees, w't per doz. 102 lbs., - - per dozen $24.00

No. 030—36×12×8 in., 3 knees, w't per doz. 120 lbs., - - per dozen 28.00

ONE-SIXTH DOZEN IN A BUNDLE.

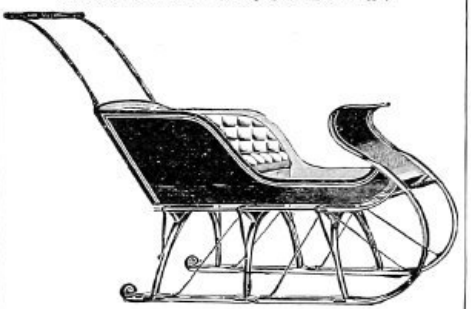
BABY GUARDS.

No. 520—18×14½×7 in., hardwood, varnished, w't per doz. 25 lbs., per dozen $8.00

Supplies the demand for a light, strong and cheap guard for children too small to sit on a sled unsupported. The left cut illustrates the guard and the right cut shows its appearance when fastened on the sled.

ONE DOZEN IN A NEST.

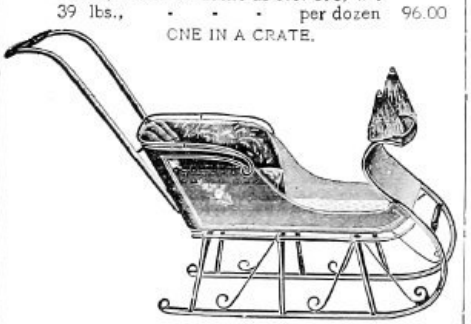
CHILDREN'S CUTTERS.



No. 575—42×18 in., second growth hardwood, 3 bent knees, 6 tinned knee braces, oval shoes, nicely painted, decorated and striped, seat only upholstered, w't 35 lbs., - per dozen $72.00

No. 580—42×18 in., seat and back upholstered, otherwise same as No. 575, w't 39 lbs., - - - per dozen 96.00

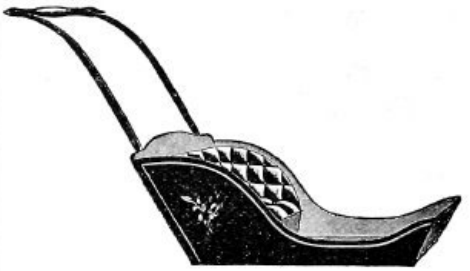
ONE IN A CRATE.



No. 610—46×17 in., second growth hardwood, nickel plated arm and dash rails with plumes, knees shaped and ironed, round corners on back, light and dark colors, artistically striped and decorated, upholstered in plush or corduroy, w't 44 lbs., - - - per dozen $192.00

ONE IN A CRATE.

CHILDREN'S SLED BOXES.



With Push Handles.

No. 501—29×15 in., painted red and dark colors, nicely striped and ornamented, not upholstered, heavy corner posts and a thick back, w't per doz. 90 lbs., per dozen, - - - - - $16.00

No. 505—29×15 in., hand decorated and striped, upholstered seat, w't per doz. 112 lbs., - - - per dozen 24.00

No. 506—29×15 in., seat and back upholstered in damask, otherwise same as No. 505, w't per doz. 140 lbs., per dozen, - - - - - - 36.00

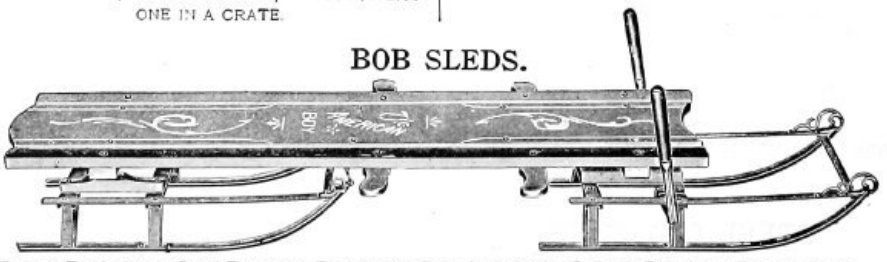
NO. 501, HALF DOZEN; NO. 505, ONE-THIRD DOZEN; NO. 506, ONE-SIXTH DOZEN IN A CRATE.

SLEIGH BELL ROPES.

No. 12SB—12 ft. long, fancy colored braided cotton rope, with 10 heavy arctic sleigh bells securely attached with rivets, assorted colors, w't per doz. 3½ lbs., - - per dozen $5.00

ONE DOZEN IN A BOX.

BOB SLEDS.



Round Back Angle Steel Runners, Finished in Red, Artistically Striped, Japanned Braced Steel Frame, with Steering Device and Brake Attachment, Wood Top Handsomely Finished in Colors and Beautifully Hand Decorated.

No. 205—84×9½×14 in., 2 knees, 4 passenger, w't 60 lbs., - - - per dozen $192.00

The patent steering and brake attachments give the rider complete control of the bob and preclude the possibility of an accident. The malleable handles with which this bob is guided are located on each side of the operator, and are readily dropped down out of the way when desired. The steering device is much more safe and convenient than those that are made rigid and stand directly in front of the operator. The brake attachment is simple in construction, yet very effective, and is placed under the sled board, entirely out of the way of the passengers. The pressure is applied to the brake with the feet of the operator.

ONE SIXTH DOZEN IN A CRATE.

"REV-O-NOC" JUVENILE WAGONS.

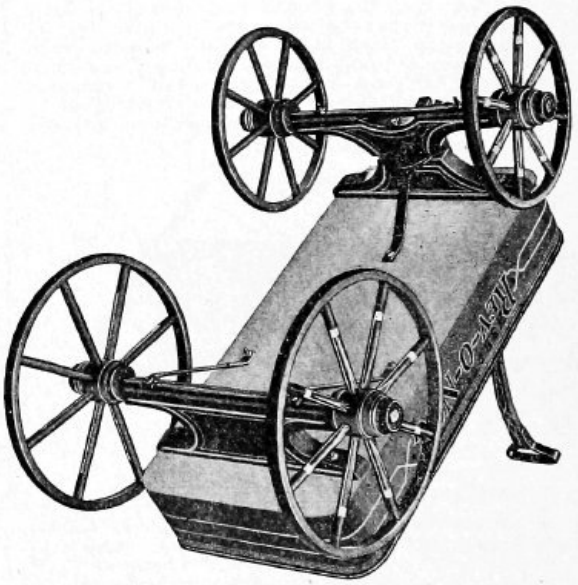
The REV-O-NOC Juvenile wagon is made for hard service, and we believe it to be an advance over anything offered. It will appeal to any boy. The solid and substantial wood wheels add much to the appearance and effect. The bright coloring extending over all parts of the wagon instead of the body merely, gives it the character of a regular express wagon, which other boys' wagons do not possess.

The Body.—The sides are made of 24-gauge steel, firmly secured to the bottom. It is reinforced at the top edge with heavy steel wire. The bottom board is made of extra heavy hardwood lumber, thoroughly seasoned and kiln dried. This bottom cannot check. The bolsters and reinforcements are hardwood stock, 1¼ inches thick, securely bolted. The axles are $\frac{9}{16}$ inch open-hearth steel. The circle plate and fifth wheel are malleable iron in place of the usual flimsy steel construction. The two heavy wrought-steel braces which run from the rear and front axles to the bottom of the box give solidity to the bolsters. Handle is made of rock elm with new wrought-steel loop grip, another meritorious feature of this wagon.

Wheels.—These are made of the highest grade hardwood stock; the felloes are ¾ inch rock elm; the hubs are fitted with steel boxes and caps. The tires are ¾ inch heavy oval open-hearth steel, and are shrunk onto the wheels by expensive machinery, seating all the spokes and making a very solid wheel.

Finish.—The body, wheels and handle are painted in a bright vermilion and striped with black and yellow. The body is ornamented with gold stripes, and the inside is painted green. A first quality varnish gloss paint is used, and care is exercised in the striping.

We have endeavored in the manufacture of the REV-O-NOC to make it the strongest and best juvenile wagon on the market.



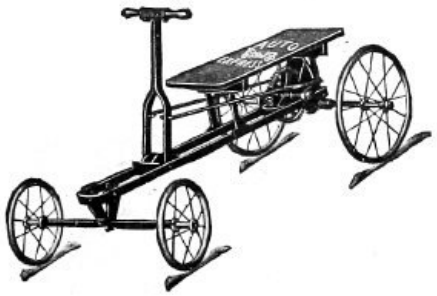
Showing Construction and Braces.

Nos.	70	71	72	73
Body	12×24	13×26	14×28	15×30 in.
Wheels	8 and 12	9 and 13	11 and 14	12 and 15 in.
Weight per doz., crated	264	282	300	336
Per dozen	$27.00	32.00	37.00	42.00

ONE-SIXTH DOZEN IN A CRATE.

WAGONS, SULKIES, HAND CARS, ETC.

HAND CARS.



No. 60—Steel frame and axles, ornamental wood seat, 8 and 12 in. tinned steel wheels with rubber tires, length 39 in., width 20 in., height of seat 13 in., adjustable to ages from 3 to 14, w't per doz. 360 lbs.....per dozen $100.00

The steel frame hand car is not only strong, but light in weight, attractive in design and finish, easy to propel.

ONE IN A CRATE.

AUTOMOBILE WAGONS.

No. 375 —15×36 in., steel body, outside painted a deep red, striped and ornamented in gold, inside painted green, wrought steel gearing, 10 and 16 in. tinned steel wheels, wheel steering arrangement, adjustable seat, steel tires, w't per doz. 445 lbs., per dozen..... $108.00

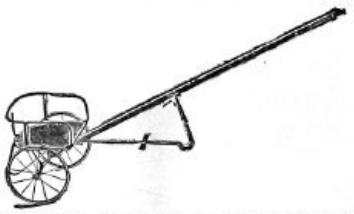
No. 375½—With rubber tire wheels, otherwise same as No. 375, per dozen..... 120.00

ONE IN A CRATE.

No. 394—15×40 in. hardwood and sheet steel body, painted old English red outside, elaborately decorated and striped in gold and silver, inside painted green, 12 and 18 in. plated steel wheels, fitted with ½ in. rubber tires, upholstered in fancy velour, w't per doz. 540 lbs.....per dozen $144.00

ONE IN A CRATE.

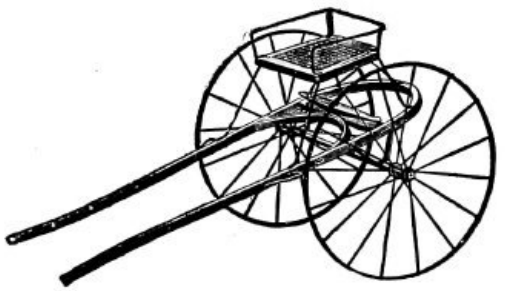
SULKIES.



No. 362—NEVER TIP, 10 in. tinned wheels, with rubber tires, 20 in. steel axle, 14×11 in. hardwood seat painted green with yellow stripe, steel seat guard, 4½ ft. hardwood handle painted red with yellow stripe, steel parts japanned black, w't per doz. 120 lbs.....per dozen $27.00

ONE IN A CRATE.

GOAT SULKIES.



No. 20—20 in. tinned steel wheels, 26 in. axle, 8×13 in. cane seat set on tinned wrought braces, tinned steel guard, 48 in. shafts, woodwork varnished, w't per doz. 132 lbs...per dozen $72.00

ONE IN A CRATE.

BOYS' GARDEN BARROWS.

No. 157—Steel sides, wood bottom, painted red, yellow stripes, 14 in. tinned wheel, 40 in. handles, steel legs, w't per doz. 120 lbs.....per dozen $15.00

ONE-SIXTH DOZEN IN A CRATE; WE DO NOT BREAK CRATES.

BABY WALKERS.

No. 59—Combined baby walker and tender, highly polished cherry finish, hardwood base and rail, diameter of base 27 in., height 18 in., three old copper finished spring supports, 9 in. tray, adapted for children measuring up to 20 in. from under the arms to the floor, w't per doz. 120 lbs.....per dozen $50.00

Many persons do not realize how soft baby bones and muscles are, and the child is often permanently injured by a natural desire to be on his feet all the time; this is where the danger lies. The baby walker affords the child the best possible exercise with just the support necessary to develop straight legs and a strong flat back.

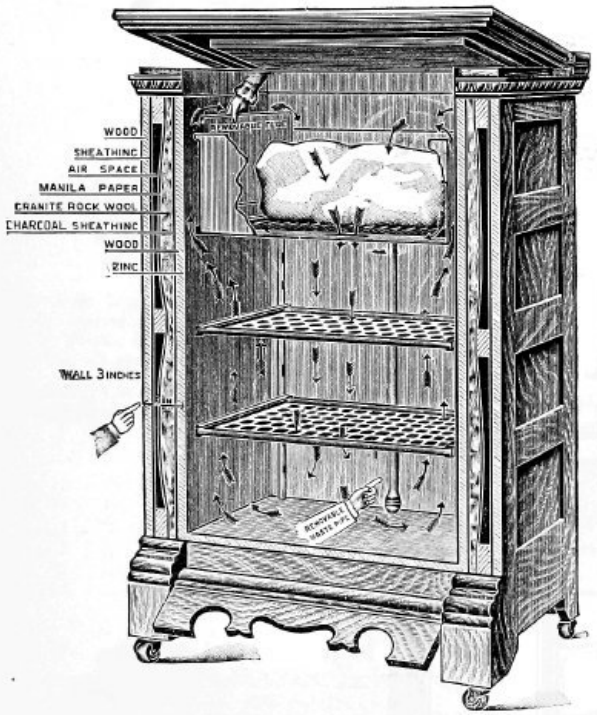
ONE IN A CRATE.

WOODEN WARE

HIBBARD, SPENCER, BARTLETT & CO.

CHICAGO

GREENLAND AND WALDORF REFRIGERATORS.



The above diagram shows the insulation in our GREENLAND refrigerators and theory of circulation in the GREENLAND and NANSEN refrigerators. The arrows indicate the currents of air which are kept in constant motion by the opposing forces of cold and heat. These currents are created by the cold air from the ice chamber which makes its way to the bottom of the refrigerator and forces the warm air up through the flues, taking with it all vapors or odors into the ice chamber settling down around the ice. Here it is condensed and cooled, thus leaving all impurities to pass through the drip pipe with the melted ice. All vapors or odors are then removed and pure dry cold air is returned to the provision chamber. If the chamber is kept supplied with ice and the instructions given for caring for a refrigerator are carried out, pure cold dry air will be had at all times.

The insulation is far superior to all others, containing eight walls of the best known non-conductors of heat or cold, and is 3 in. thick, composed as follows:

1st—Outside case made of No. 1 kiln-dried ash.

2d—Heavy fibrous paper carefully attached to the inner wall of the outside case.

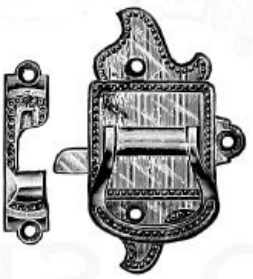
3d—Dead air space has been thoroughly demonstrated to be a valuable non-conductor.

4th—Manila fibre sheathing, a great addition as a non-conductor.

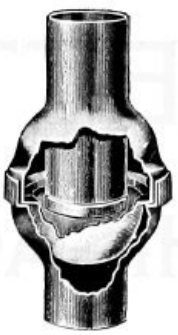
5th—Granite rock wool, the most perfect non-conductor known to science.

6th—Charcoal sheathing, carefully prepared and a good non-conductor.

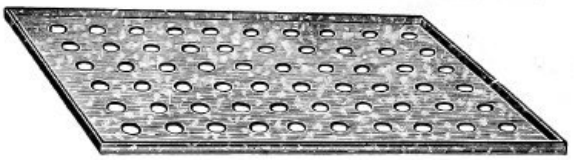
7th—Inside case made of thoroughly seasoned lumber.



Showing Trimmings.

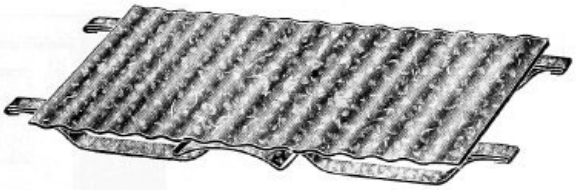


Trap.



Shelves.

The shelves are made from a solid piece of galvanized iron and so constructed that small dishes placed upon them cannot tip over. They are easily adjusted to any space desired and slide instead of lift out.



Ice Rack.

The ice rack is constructed entirely of galvanized iron; no wood to gather dampness and become moldy and foul.

8th—Zinc or white enamel lining.

Granite rock wool is the most perfect non-conductor in existence, and to-day stands ahead of all other filling. It will not sag as does charcoal, neither does it contain any sulphur, as does mineral wool, and its fibres are much longer.

The hinges and lock are very strong, having two cases, the inside being steel and the outside lacquered brass. The spring of the lock is $\frac{3}{8}$ in. wide, tempered in oil, and is made so that the door is perfectly air-tight.

Trap.

The patent trap is air-tight and perfect. It is attached to the waste pipe in the bottom of the provision chamber, where it is most accessible. Both the trap and waste pipe can be easily removed, taken apart, cleansed and replaced in a moment of time. No reaching under the refrigerator or poking with a stick. Care should be taken to see that the parts are properly adjusted before using.

White Enamel Lining.

We are now supplying some of our Greenland and Waldorf refrigerators with white enamel lining (to the provision chambers). It is not put on with a brush, and is not paint, but pure enamel. This enamel is baked on galvanized iron, is flexible, will not peel off, is durable and does not contain one particle of white lead or any other poisonous substance, but is perfectly pure and sanitary. Experts say that it is the best finish that has ever been introduced for cleanliness. Any housekeeper, by using a sponge dampened with soap and water, can have the refrigerator as pure as the day it came from the factory.

OUR VERY BEST GREENLAND REFRIGERATORS.

Solid Ash, Golden Oak Finish, Single Lower Door, One Lower Compartment, Zinc Lined.

No. 501—Ice capacity 60 lbs., w't crated 160 lbs. ..... each $26.30

	WIDTH	DEPTH	HEIGHT
Outside case	24 in.	17½ in.	43 in.
Provision chamber	18½ in.	12¾ in.	18⅝ in.
Ice chamber	16½ in.	12⅛ in.	10 in.

No. 502—Ice capacity 80 lbs., w't crated 180 lbs. ..... each $31.60

	WIDTH	DEPTH	HEIGHT
Outside case	27 in.	18½ in.	45 in.
Provision chamber	21½ in.	13⅛ in.	19½ in.
Ice chamber	19½ in.	13¼ in.	10¼ in.

No. 552—Ice capacity 65 lbs., w't crated 190 lbs., with porcelain lined water cooler, bronze tumbler holder and nickel plated faucet, otherwise same as No. 502. ..... each $35.75

No. 503—Ice capacity 95 lbs., w't crated 190 lbs. ..... each 34.30

	WIDTH	DEPTH	HEIGHT
Outside case	28 in.	19½ in.	47 in.
Provision chamber	22½ in.	14⅞ in.	20½ in.
Ice chamber	20½ in.	14¼ in.	11¼ in.

No. 553—Ice capacity 80 lbs., w't crated 200 lbs., with porcelain lined water cooler, bronze tumbler holder and nickel plated faucet, otherwise same as No. 503. ..... each $38.50

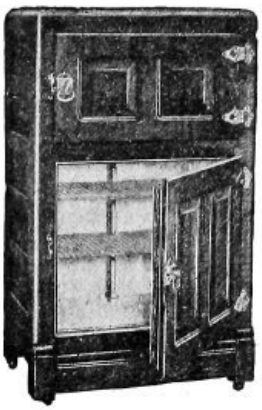
No. 504—Ice capacity 125 lbs., w't crated 220 lbs. ..... each 39.70

	WIDTH	DEPTH	HEIGHT
Outside case	30 in.	22½ in.	49 in.
Provision chamber	24½ in.	17⅞ in.	22¼ in.
Ice chamber	22½ in.	17¼ in.	12½ in.

No. 554—Ice capacity 100 lbs., w't crated 230 lbs., with porcelain lined water cooler, bronze tumbler holder and nickel plated faucet, otherwise same as No. 504. ..... each $44.00

The lumber used in OUR VERY BEST Greenland Refrigerators is thoroughly seasoned; the parts are fitted with exactness and firmly secured; several coats of high grade varnish are used and the more expensive refrigerators are hand rubbed.

OUR VERY BEST Greenland Refrigerators have seven walls to exclude the exterior heat, the most important filling being granite wool, by far the best non-conductor to be had.



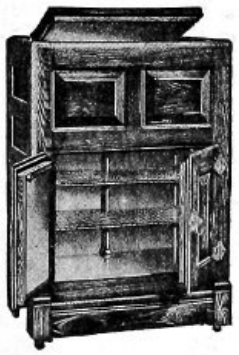
Solid Ash, Golden Oak Finish, Single Upper and Lower Doors, One Lower Compartment, Zinc Lined.

No. 505—Ice capacity 90 lbs., w't crated 190 lbs. ..... each $33.45

	WIDTH	DEPTH	HEIGHT
Outside case	30 in.	17½ in.	46 in.
Provision chamber	25 in.	13 in.	18 in.
Ice chamber	23 in.	13 in.	10 in.

No. 506—Ice capacity 140 lbs., w't crated 240 lbs. ..... each $41.80

	WIDTH	DEPTH	HEIGHT
Outside case	31 in.	20½ in.	54 in.
Provision chamber	26¼ in.	16 in.	23 in.
Ice chamber	24 in.	16 in.	13 in.



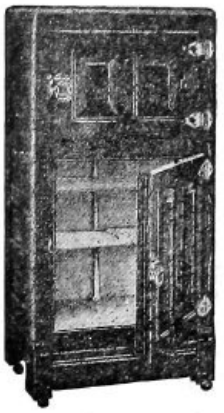
Solid Ash, Golden Oak Finish, Double Lower Doors, One Lower Compartment, Zinc Lined.

No. 507—Ice capacity 95 lbs., w't crated 195 lbs. ..... each $35.90

	WIDTH	DEPTH	HEIGHT
Outside case	31 in.	17½ in.	46 in.
Provision chamber	25¾ in.	12¾ in.	19 in.
Ice chamber	23 in.	12⅛ in.	12¼ in.

No. 508—Ice capacity 110 lbs., w't crated 215 lbs. ..... each $40.50

	WIDTH	DEPTH	HEIGHT
Outside case	33 in.	19½ in.	48 in.
Provision chamber	27¾ in.	14⅞ in.	20½ in.
Ice chamber	25 in.	14½ in.	12½ in.



Solid Ash, Golden Oak Finish, Single Upper and Lower Doors, One Lower Compartment, Zinc Lined.

No. 511—Ice capacity 70 lbs., w't crated 170 lbs. ..... each $29.50

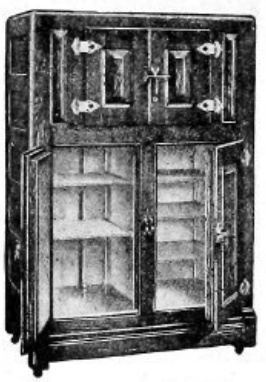
	WIDTH	DEPTH	HEIGHT
Outside case	23 in.	16½ in.	50 in.
Provision chamber	18¼ in.	12 in.	20 in.
Ice chamber	16 in.	12 in.	12 in.

No. 512—Ice capacity 85 lbs., w't crated 200 lbs. ..... each $34.80

	WIDTH	DEPTH	HEIGHT
Outside case	26 in.	17½ in.	54 in.
Provision chamber	21¼ in.	13 in.	23 in.
Ice chamber	19 in.	13 in.	13 in.

No. 513—Ice capacity 110 lbs., w't crated 220 lbs. ..... each $38.60

	WIDTH	DEPTH	HEIGHT
Outside case	28 in.	17½ in.	58 in.
Provision chamber	23¼ in.	13 in.	26 in.
Ice chamber	21 in.	13 in.	14 in.



Solid Ash, Golden Oak Finish, Double Upper Doors, Two Single Lower Doors, Two Lower Compartments, Zinc Lined.

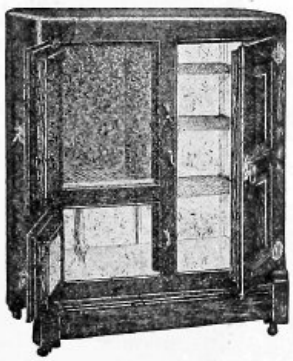
No. 515—Ice capacity 150 lbs., w't crated 260 lbs. ..... each $52.70

	WIDTH	DEPTH	HEIGHT
Outside case	35 in.	20½ in.	50 in.
Provision chamber	30¼ in.	16¼ in.	20½ in.
Ice chamber	27 in.	16¼ in.	11¾ in.

No. 517—Ice capacity 175 lbs., w't crated 400 lbs. ..... each $73.80

	WIDTH	DEPTH	HEIGHT
Outside case	41 in.	23½ in.	62 in.
Provision chamber	35½ in.	18½ in.	29 in.
Ice chamber	33½ in.	18½ in.	15½ in.

OVB GREENLAND REFRIGERATORS.



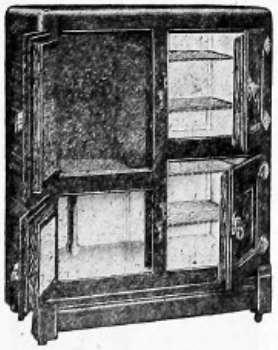
Solid Ash, Golden Oak Finish, Three Single Doors, White Enameled Provision Chamber, Zinc Lined Ice Chamber.

No. 804—Ice capacity 80 lbs., w't crated 220 lbs. . . . . each $40.70

	WIDTH	DEPTH	HEIGHT
Outside case	35 in.	17½ in.	42 in.
Provision chamber	14¾ in.	13 in.	7½ in.
	14¾ in.	13 in.	29 in.
Ice chamber	12⅝ in.	13 in.	16½ in.

No. 805—Ice capacity 90 lbs., w't crated 230 lbs . . . . . each $44.10

	WIDTH	DEPTH	HEIGHT
Outside case	35 in.	18½ in.	45 in.
Provision chamber	14¾ in.	14 in.	9 in.
	14¾ in.	14 in.	32 in.
Ice chamber	12⅝ in.	14 in.	18 in.



Solid Ash, Golden Oak Finish, Four Single Doors, White Enameled Provision Chamber, Zinc Lined Ice Chamber.

No. 806—Ice capacity 120 lbs., w't crated 275 lbs. . . . . each $60.00

	WIDTH	DEPTH	HEIGHT
Outside case	37 in.	20½ in.	50 in.
Provision chamber	15¾ in.	16 in.	12 in.
	15¾ in.	16 in.	37 in.
Ice chamber	13⅝ in.	16 in.	20 in.

No. 807—Ice capacity 170 lbs., w't crated 325 lbs. . . . . each $69.00

	WIDTH	DEPTH	HEIGHT
Outside case	39 in.	22½ in.	54 in.
Provision chamber	16¾ in.	18 in.	13 in.
	16¾ in.	18 in.	41 in.
Ice chamber	14⅝ in	18 in.	23 in.

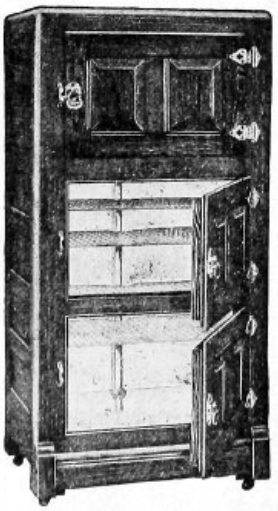
Solid Ash, Golden Oak Finish, Single Upper and Lower Doors, One Lower Compartment, White Enameled Provision Chamber, Zinc Lined Ice Chamber.

No. 612—Ice capacity 85 lbs., w't crated 205 lbs. . . . . each $38.30

	WIDTH	DEPTH	HEIGHT
Outside case	26 in.	17½ in.	54 in.
Provision chamber	21¼ in.	13 in.	23 in.
Ice chamber	19 in.	13 in.	13 in.

No. 613—Ice capacity 110 lbs., w't crated 230 lbs. . . . . each $42.45

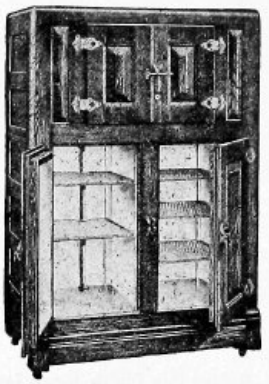
	WIDTH	DEPTH	HEIGHT
Outside case	28 in.	17½ in.	58 in.
Provision chamber	23¼ in.	13 in.	26 in.
Ice chamber	21 in.	13 in.	14 in.



Solid Ash, Golden Oak Finish, Three Single Doors, One Lower Compartment, White Enameled Provision Chamber, Zinc Lined Ice Chamber.

No. 614—Ice capacity 215 lbs., w't crated 330 lbs. . . . . each $66.55

	WIDTH	DEPTH	HEIGHT
Outside case	34 in.	22½ in.	69 in.
Provision chamber	29¼ in.	17¾ in.	35 in.
Ice chamber	27 in.	17¾ in	15⅞ in.



Solid Ash, Golden Oak Finish, Double Upper Doors, Two Single Lower Doors, Two Lower Compartments, White Enameled Provision Chamber, Zinc Lined Ice Chamber.

No. 615—Ice capacity 150 lbs., w't crated 260 lbs. . . . . each $58.00

	WIDTH	DEPTH	HEIGHT
Outside case	35 in.	20½ in.	50 in.
Provision chamber	30¼ in.	16¼ in.	20½ in.
Ice chamber	27 in.	16¼ in.	11¾ in.

No. 617—Ice capacity 275 lbs., w't crated 400 lbs. . . . . each $81.20

	WIDTH	DEPTH	HEIGHT
Outside case	41 in.	23½ in.	62 in.
Provision chamber	35½ in.	18½ in.	29 in.
Ice chamber	33½ in.	18½ in.	15½ in.

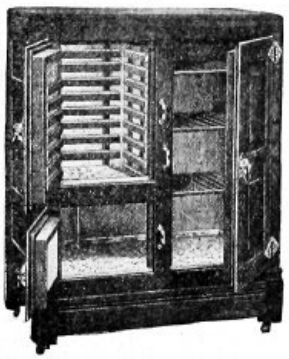
OVB Greenland Refrigerators can be had with either zinc, enameled or porcelain lining On account of the attractiveness and ease in cleaning, the enameled lining is much superior to zinc and the cost of such refrigerators is only about 10% more. The enamel is baked on and can be easily cleaned with a damp cloth.

All of the trimmings are made of brass, with plain polished surfaces, heavily nickel plated. The lock has been improved and is superior to anything so far offered.

These refrigerators are very attractive and simple in design. The edges are rounded, which adds much to the neat appearance of the entire line.

OVB GREENLAND REFRIGERATORS.

SPRUCE LINED.



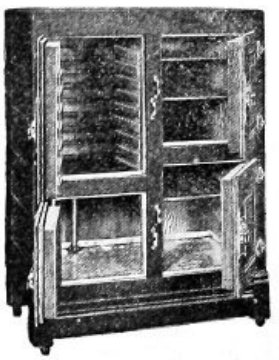
Solid Ash, Golden Oak Finish, Three Single Doors, Spruce Lined.

No. 711 OVB—Ice capacity 80 lbs., w't crated 220 lbs. .....each $37.80

	WIDTH	DEPTH	HEIGHT
Outside case	35 in.	17½ in.	42 in.
Provision chambers	14¾ in.	13 in.	7½ in.
	14¾ in.	13 in.	29 in.
Ice chamber	12⅝ in.	13 in.	16½ in.

No. 712 OVB—Ice capacity 90 lbs., w't crated 230 lbs. .... each $40.90

	WIDTH	DEPTH	HEIGHT
Outside case	35 in.	18½ in.	45 in.
Provision chambers	14¾ in.	14 in.	9 in.
	14¾ in.	14 in.	32 in.
Ice chamber	12⅝ in.	14 in.	18 in.



Solid Ash, Golden Oak Finish, Four Single Doors, Spruce Lined.

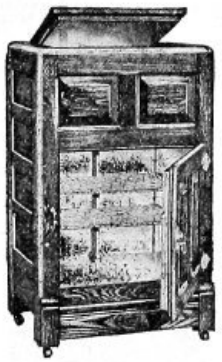
No. 713 OVB—Ice capacity 120 lbs., w't crated 275 lbs. .....each $54.75

	WIDTH	DEPTH	HEIGHT
Outside case	37 in.	20½ in.	50 in.
Provision chambers	15¾ in.	16 in.	12 in.
	15¾ in.	16 in.	37 in.
Ice chamber	13⅝ in.	16 in.	20 in.

No. 714 OVB—Ice capacity 170 lbs., w't crated 325 lbs. .....each $62.90

	WIDTH	DEPTH	HEIGHT
Outside case	39 in.	22½ in.	54 in.
Provision chambers	16¾ in.	18 in.	13 in.
	16¾ in.	18 in.	41 in.
Ice chamber	14⅝ in.	18 in.	23 in.

OUR VERY BEST GREENLAND REFRIGERATORS.



Solid Ash, Golden Oak Finish, Single Lower Door, One Lower Compartment, White Enameled Provision Chamber, Zinc Lined Ice Chamber.

No. 602—Ice capacity 80 lbs., w't crated 185 lbs. ..... each $34.75

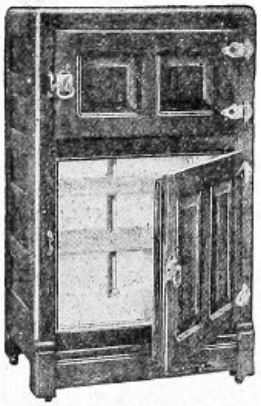
	WIDTH	DEPTH	HEIGHT
Outside case	27 in.	18½ in.	45 in.
Provision chamber	21½ in.	13⅞ in.	19½ in.
Ice chamber	19½ in.	13¼ in.	10¼ in.

No. 603—Ice capacity 95 lbs., w't crated 200 lbs., ... each $37.75

	WIDTH	DEPTH	HEIGHT
Outside case	28 in.	19¼ in.	47 in.
Provision chamber	22½ in.	14⅞ in.	20½ in.
Ice chamber	20½ in.	14¼ in.	11¼ in

No. 604—Ice capacity 125 lbs., w't crated 225 lbs. ..... each $43.65

	WIDTH	DEPTH	HEIGHT
Outside case	30 in.	22½ in.	49 in.
Provision chamber	24½ in.	17⅞ in.	22¼ in.
Ice chamber	22½ in.	17¼ in.	12½ in.



Solid Ash, Golden Oak Finish, Single Upper and Lower Doors, One Lower Compartment, White Enameled Provision Chamber, Zinc Lined Ice Chamber.

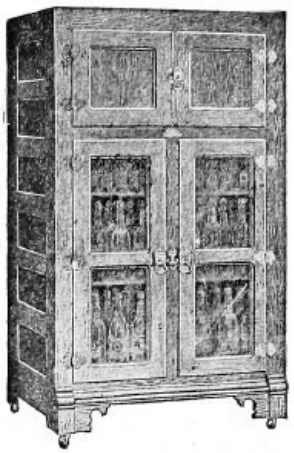
No. 605—Ice capacity 90 lbs., w't crated 200 lbs. ..... each $36.75

	WIDTH	DEPTH	HEIGHT
Outside case	30 in.	17½ in.	46 in.
Provision chamber	25 in.	13 in.	18 in.
Ice chamber	23 in.	13 in.	10 in.

No. 606—Ice capacity 140 lbs., w't crated 245 lbs. ..... each $46.00

	WIDTH	DEPTH	HEIGHT
Outside case	31 in.	20½ in.	54 in.
Provision chamber	26¼ in.	16 in.	23 in.
Ice chamber	24 in.	16 in.	13 in.

BOTTLED BEER COOLERS.

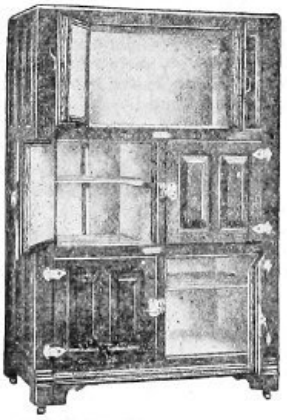


Solid Ash, Golden Oak Finish, Double Upper Doors, Two Single Lower Doors, with Glass in Lower Doors, Zinc Lined, Arranged to Hold 84 Pints and 120 Quarts, Space Between Upper Shelves 11 Inches, Between Lower Shelves 13 Inches, Zinc Lined.

No. 525—Ice capacity 275 lbs., w't crated 475 lbs. ★ ..... each $102.00

	WIDTH	DEPTH	HEIGHT
Outside case	42½ in.	24¼ in.	73 in.
Bottle compart't (2)	18 in.	19½ in.	40 in.
Ice chamber	33½ in.	19½ in.	15 in.

GROCERS'.

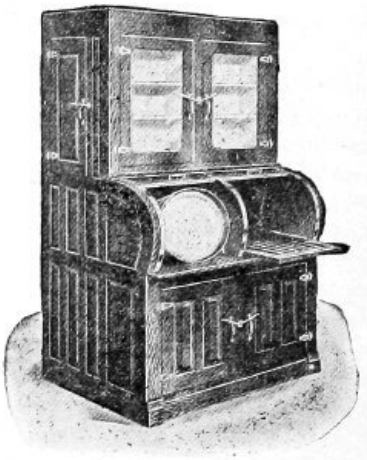


Solid Ash, Golden Oak Finish, Double Upper Doors, Four Single Lower Doors, Zinc Lined.

No. 520—*Without sliding trays*, width 44 in., depth 26 in., height 72 in., ice capacity 300 lbs., weight crated 550 lbs. ..... each $107.90

No. 521—*With sliding trays*, width 56 in., depth 33 in., height 89 in., ice capacity 800 lbs., weight crated 870 lbs ★ ..... each $167.00

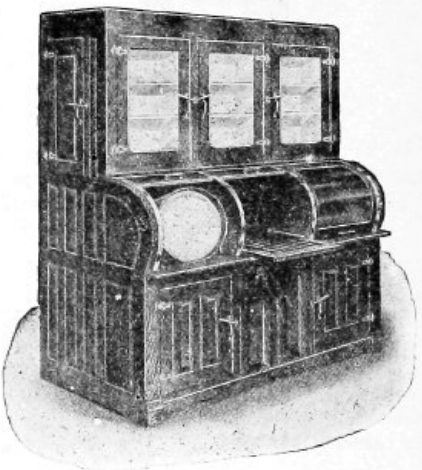
GROCERS' ROLL TOP.



Solid Ash Case, Oak Finish, Two Show Cases, Two Roll Sections, Two Provision Chambers, Lower Compartments Maplewood Lined, Upper Compartments White Enameled, Nickel Plated Lever Lock, Can Be Iced at Either End.

No. 630—Ice capacity 400 lbs., w't crated 800 lbs. ★ ..... each $200.00

	WIDTH	DEPTH	HEIGHT
Outside case	45¼ in.	40 in.	80 in.
Provision chambers	18 in.	36 in.	20 in.
Show cases	18 in.	7 in.	24 in.
Roll sections	18 in.	20 in.	18¾ in.
Ice chamber	39 in.	17 in.	27 in.



Solid Ash Case, Oak Finish, Three Show Cases, Three Roll Sections, Three Provision Chambers, Lower Compartments Maplewood Lined, Upper Compartments White Enameled, Nickel Plated Lever Lock, Can Be Iced at Either End.

No. 631—Ice capacity 700 lbs., w't crated 1,150 lbs. ★ ..... each $250.00

	WIDTH	DEPTH	HEIGHT
Outside case	66 in.	40 in.	80 in.
Provision chambers	18 in.	36 in.	20 in.
Show cases	18 in.	7 in.	24 in.
Roll sections	18 in.	20 in.	18¾ in.
Ice chamber	58 in.	17 in.	27 in.

★ *FOR FACTORY SHIPMENT ONLY.*

OUR VERY BEST GREENLAND REFRIGERATORS.

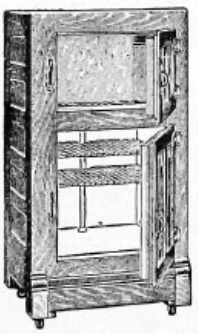
PORCELAIN-STEEL LINED.

This line of refrigerators is first-class in every particular, no time or expense being spared to make them perfect. The provision chambers are lined with genuine porcelain on 18 gauge steel, the porcelain being put on the steel with compressed air and baked at a very high degree of heat, making the surface smooth and even and of a pure white color. The joints are tightly fitted and cemented, thus the accumulation of decaying matter is an impossibility. The provision shelves are made of heavy tinned wire strongly bound. The outside case is oak, furniture finished, the cabinet work being of a very superior order. They are mounted with lever locks, heavy bronze metal hinges nickel plated The insulation is the equal, if not the superior, of any in use, having eight distinct walls to preserve the ice, the principal being our celebrated granite rock wool.

Solid Oak Case, Furniture Finish, Single Upper and Lower Doors, One Lower Compartment, Nickel Plated Heavy Bronze Metal Hinges and Lever Locks.

No. 105—Ice capacity 90 lbs., w't crated 250 lbs. . . . . each $58.50

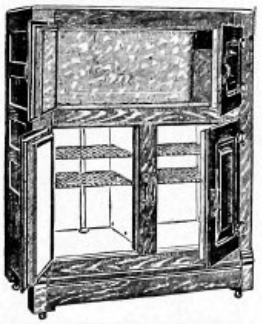
	WIDTH	DEPTH	HEIGHT
Outside case.	30 in.	17½ in.	46 in.
Provision chamber. .	24 in.	13 in.	18 in.
Ice chamber	23 in.	13 in.	10 in.



Solid Oak Case, Furniture Finish, Upper and Lower Doors, One Lower Compartment, Heavy Tinned Wire Provision Shelves, Nickel Plated Heavy Bronze Metal Hinges and Lever Locks.

No. 106—Ice capacity 140 lbs., w't crated 325 lbs. . . . . each $76.00

	WIDTH	DEPTH	HEIGHT
Outside case.	31 in.	20½ in.	54 in.
Prov. chamber. . . .	26 in.	16 in.	22½ in.
Ice chamber.	23 in.	16 in.	13 in.



Solid Oak Case, Furniture Finish, Two Single Lower Doors, Two Lower Compartments, Heavy Tinned Wire Provision Shelves, Nickel Plated Heavy Bronze Metal Hinges and Lever Locks.

No. 116—Ice capacity 220 lbs., w't crated 420 lbs. . . . . each $100.00

	WIDTH	DEPTH	HEIGHT
Outside case.	39 in.	22 in.	57 in.
Two prov. chambers	16¼ in.	17 in.	25 in.
Ice chamber.	31½ in.	17 in.	14½ in.

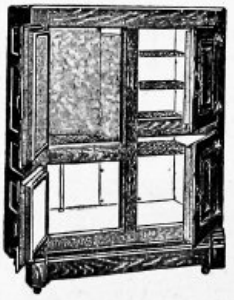
No. 118—Ice capacity 400 lbs., w't crated 640 lbs. . . . . each $150.00

	WIDTH	DEPTH	HEIGHT
Outside case.	46 in.	26 in.	65 in.
Two prov. chambers	19½ in.	21 in.	31 in.
Ice chamber.	37½ in.	21 in.	15½ in.

Solid Oak Case, Furniture Finish, Three Single Doors, Heavy Tinned Wire Provision Shelves, Nickel Plated Heavy Bronze Metal Hinges and Lever Locks.

No. 65—Ice capacity 90 lbs., w't crated 265 lbs. . . . . each $67.50

	WIDTH	DEPTH	HEIGHT
Outside case.	35 in.	18½ in.	45 in.
Provision chambers	14 in.	14 in.	9 in.
	14 in.	14 in.	30½ in.
Ice chamber.	12⅝ in.	14 in.	18 in.



Solid Oak Case, Furniture Finish, Four Single Doors, Heavy Tinned Wire Provision Shelves, Nickel Plated Heavy Bronze Metal Hinges and Lever Locks.

No. 67—Ice capacity 160 lbs., w't crated 380 lbs. . . . . each $95.00

	WIDTH	DEPTH	HEIGHT
Outside case.	39 in.	22½ in.	54 in.
Provision chambers	16¾ in.	18 in.	13 in.
	16¾ in.	18 in.	41 in.
Ice chamber.	14½ in.	18 in.	23 in.

REFRIGERATORS AND ICE CHESTS.

NANSEN REFRIGERATORS.

The Nansen is made of hardwood and insulated with charcoal sheathing. The trimmings are bronzed metal and the workmanship all first class. Zinc lined. The ice rack and shelves are galvanized iron. The flues, trap and waste pipe are removable and the whole interior so constructed that all parts are easily accessible and can be cleaned in a short space of time. The base board is made to swing, and it does not require a back-breaking process to remove the water pan.

Hardwood, Golden Oak Finish, Single Lower Door, One Lower Compartment, Zinc Lined.

No. 900 — Ice capacity 30 lbs., w't crated 110 lbs. ..... each $16.25

	WIDTH	DEPTH	HEIGHT
Outside case	21 in.	14½ in.	39½ in.
Provision chamber	15½ in.	10 in.	16 in.
Ice chamber	14 in.	9½ in.	8½ in.

Hardwood, Golden Oak Finish, Single Lower Door, One Lower Compartment, Zinc Lined.

No. 901 — Ice capacity 40 lbs., w't crated 120 lbs. ..... each $19.85

	WIDTH	DEPTH	HEIGHT
Outside case	22 in.	15½ in.	41 in.
Provision chamber	16¾ in.	11 in.	17½ in.
Ice chamber	14½ in.	10⅜ in.	9 in.

Hardwood, Golden Oak Finish, Single Lower Door, One Lower Compartment, Zinc Lined.

No. 902—Ice capacity 50 lbs., w't crated 150 lbs. ..... each $22.50

	WIDTH	DEPTH	HEIGHT
Outside case	24 in.	17½ in.	43 in.
Provision chamber	18½ in.	12¾ in.	18⅝ in.
Ice chamber	16½ in.	12⅛ in.	10 in.

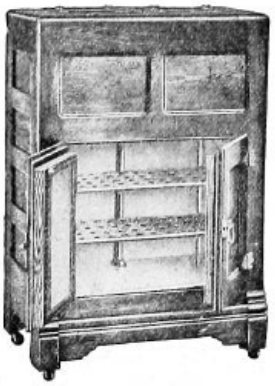
No. 903—Ice capacity 75 lbs., w't crated 165 lbs. ..... each $28.30

	WIDTH	DEPTH	HEIGHT
Outside case	27 in.	18½ in.	45 in.
Provision chamber	21½ in.	13⅛ in.	19¼ in.
Ice chamber	19½ in.	13¼ in.	10¼ in.

No. 904—Ice capacity 90 lbs., w't crated 190 lbs. ..... each $30.70

	WIDTH	DEPTH	HEIGHT
Outside case	28 in.	19½ in.	47 in.
Provision chamber	22½ in.	14⅞ in.	20½ in.
Ice chamber	20½ in.	14¼ in.	11¼ in.

NANSEN REFRIGERATORS.



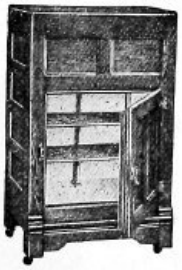
Hardwood, Golden Oak Finish, Double Lower Doors, One Lower Compartment, Zinc Lined.

No. 905—Ice capacity 95 lbs., w't crated 190 lbs. ..... each $32.65

	WIDTH	DEPTH	HEIGHT
Outside case	31 in.	17½ in.	46 in.
Provision chamber	25¾ in.	12¾ in.	19 in.
Ice chamber	23 in.	12⅛ in.	12¼ in.

No. 906—Ice capacity 110 lbs., w't crated 200 lbs. ..... each $36.95

	WIDTH	DEPTH	HEIGHT
Outside case	33 in.	19½ in.	48 in.
Provision chamber	27¾ in.	14⅞ in.	20½ in.
Ice chamber	25 in.	14¼ in.	12½ in.



Hardwood, Golden Oak Finish, Single Lower Door, One Lower Compartment, White Enameled Provision Chamber, Zinc Lined Ice Chamber.

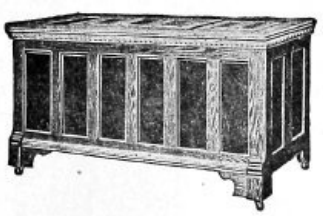
No. 913—Ice capacity 75 lbs., w't crated 170 lbs. ..... each $32.50

	WIDTH	DEPTH	HEIGHT
Outside case	27 in.	18½ in.	45 in.
Provision chamber	21½ in.	13⅞ in.	19½ in.
Ice chamber	19½ in.	13¼ in.	10¼ in.

No. 914—Ice capacity 90 lbs., w't crated 195 lbs. ..... each $34.80

	WIDTH	DEPTH	HEIGHT
Outside case	28 in.	19½ in.	47 in.
Provision chamber	22½ in.	14⅞ in.	20½ in.
Ice chamber	20½ in.	14¼ in.	11¼ in.

GROCERS' ICE CHESTS.

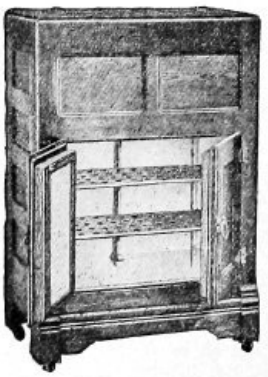


Solid Ash, Golden Oak Finish, Granite Rock Wool Filled, Eight Walls, Zinc Lined.

No. 55—W't crated 450 lbs. ..... each $86.75

	WIDTH	DEPTH	HEIGHT
Outside case	72 in.	33 in.	40 in.
Inside dimensions	63 in.	25½ in.	26¼ in.

NANSEN REFRIGERATORS.



Hardwood, Golden Oak Finish, Two Single Lower Doors, One Lower Compartment, White Enameled Provision Chamber, Zinc Lined Ice Chamber.

No. 916—Ice capacity 110 lbs., w't crated 200 lbs. ..... each $42.50

	WIDTH	DEPTH	HEIGHT
Outside case	36 in.	21 in.	48 in.
Provision chamber	27¾ in.	14⅞ in.	20½ in.
Ice chamber	25 in.	14¼ in.	12½ in.

ICE CHESTS.

Hardwood, Golden Oak Finish, Zinc Lined, Insulated with Charcoal Sheathing.

No. 51—W't crated 90 lbs. ..... each $13.50

	WIDTH	DEPTH	HEIGHT
Outside case	30 in.	18 in.	26 in.
Inside dimensions	20¾ in.	10⅜ in.	14⅜ in.

No. 52—W't crated 125 lbs. ..... each $18.00

	WIDTH	DEPTH	HEIGHT
Outside case	34 in.	21 in.	30 in.
Inside dimensions	24¾ in.	13⅜ in.	18⅜ in.

No. 53—W't crated 150 lbs. ..... each $23.50

	WIDTH	DEPTH	HEIGHT
Outside case	38 in.	23 in.	32 in.
Inside dimensions	28¾ in.	15⅜ in.	20⅜ in.

No. 54—W't crated 195 lbs. ..... each $30.35

	WIDTH	DEPTH	HEIGHT
Outside case	44 in.	25 in.	37 in.
Inside dimensions	34¾ in.	17⅜ in.	25⅜ in.

COFFEE MILLS.

No. 20—Base 6½×6½ in., height 4½ in., pressed steel frame and hopper, japanned, with tin cup, w't per doz. 28 lbs.....per dozen $5.00
HALF DOZEN IN A CASE.

No. 150—NONE-SUCH, steel frame, japanned, base 6¼×6½ in., height 9 in., enclosed steel hopper with sliding cover, will hold one pound of coffee, steel crank, seamless steel drawer, w't per doz. 45 lbs.....per dozen $10.50
HALF DOZEN IN A CASE.

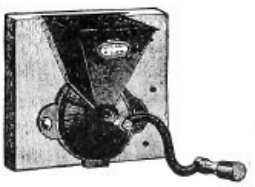
No. 202—EUCLID, steel frame, japanned, base 6¼×6¼ in., height 7½ in., enclosed iron hopper, sliding cover, top decorated in red and gold, *with handle*, seamless steel drawer, steel crank, w't per doz. 40 lbs.....per dozen $13.00
HALF DOZEN IN A CASE.

No. 010—UNIVERSAL, japanned iron, with clamp, stands 9 inches above table, hopper holds 4 oz. coffee, adjustable for grinding any fineness, w't per doz. 60 lbs.....per dozen $15.00
HALF DOZEN IN A CASE.

SIDE.

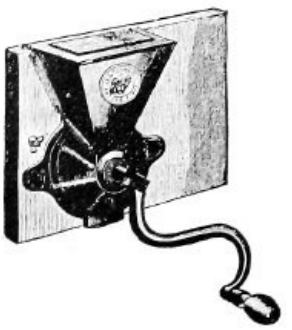
No. 077—Height 13½ in., japanned frame, embossed canister, iron cup, screws to wall, capacity 1 lb., w't per doz. 60 lbs.....per dozen $10.00
HALF DOZEN IN A CASE.

No. 099—Height 15½ in., japanned frame, bright glass canister and tumbler, capacity 2 lbs., w't per doz. 100 lbs.....per dozen $20.00
Extra Cups, for above..... " 1.75
Extra Canisters, for above .... " 4.50
HALF DOZEN IN A CASE.



No. A21—WILSON IMPROVED, japanned, 5½×8½ in. wood back, w't per doz. 30 lbs.....per dozen $6.00
HALF DOZEN IN A CASE.

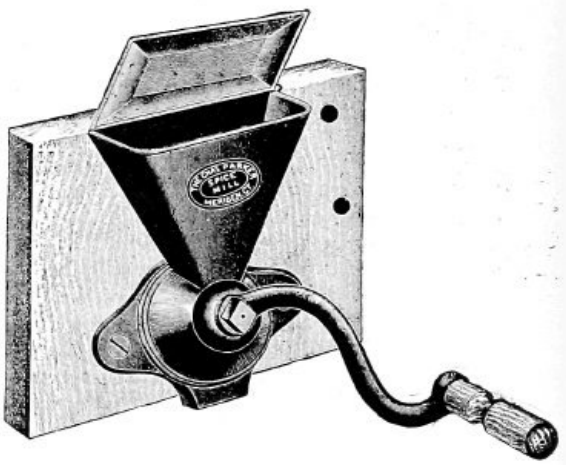
SIDE.



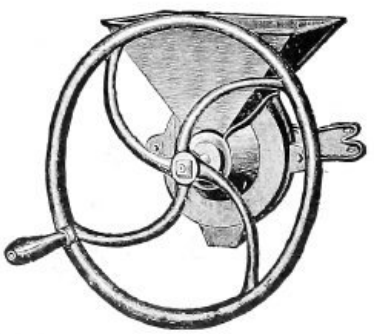
Eagle, Japanned, Wood Back.

Nos.	50	60	70	80
Size	6×8	6½×9	7½×10	9×12 in.
W't per doz	48	57	70	100 lbs.
Per dozen	$7.50	8.50	10.00	16.00

HALF DOZEN IN A CASE.



No. 130—OLD CALIFORNIA, japanned, 11×14 in. wood back, extra large, w't per doz. 150 lbs.....per dozen $25.00
ONE THIRD DOZEN IN A CASE.

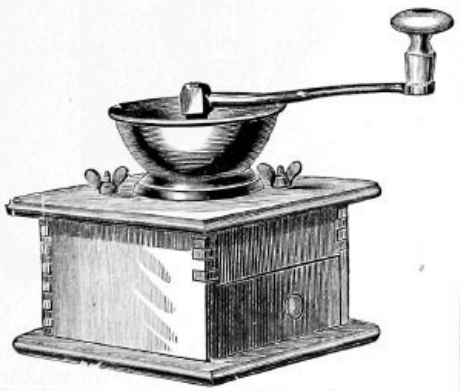


No. 2—PLANTERS', all iron, japanned, diameter of wheel 17 in., w't per doz. 500 lbs.....per dozen $63.00
ONE SIXTH DOZEN IN A CASE.

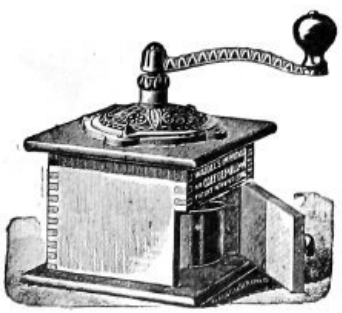
COFFEE MILLS.

No. A13—Base 6×6 in., height 3¾ in., japanned iron hopper, w't per doz. 39 lbs.....per dozen $6.00
HALF DOZEN IN A CASE.

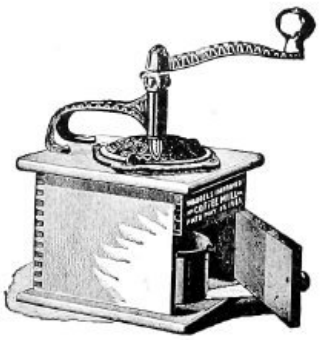
No. 104—EAGLE, base 6×6 in., height 4 in., japanned iron hopper, w't per doz. 50 lbs.....per dozen $8.50
No. 103—EAGLE, base 6¼×6¼ in., otherwise same as No. 104, w't per doz. 56 lbs.....per dozen 9.00
No. 102—EAGLE, base 6½×6½ in., otherwise same as No. 104, w't per doz. 58 lbs.....per dozen 9.50
HALF DOZEN IN A CASE.



No. 25—UNION, double grinders, base 7¾×7¾ in., height 5¼ in., japanned iron hopper, w't per doz. 80 lbs., per dozen..... $15.00
HALF DOZEN IN A CASE.

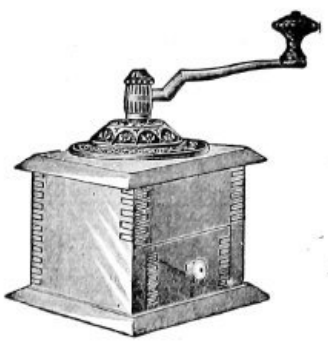


No. 1010—WADDEL'S, base 6×6 in., height 5 in., copper bronzed covered top, iron hopper with tin cup, w't per doz. 50 lbs., per dozen..... $9.25
HALF DOZEN IN A CASE.



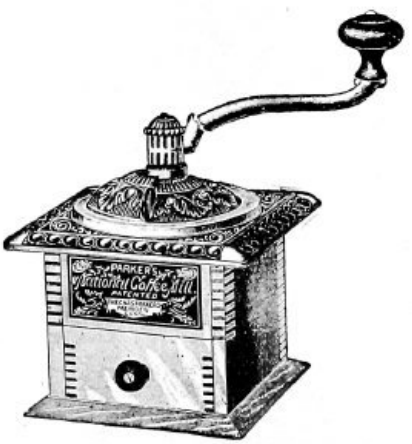
No. 40—WADDEL'S, base 6×6¾ in., height 5 in., copper bronzed covered top, *with handle*, iron hopper with tin cup, w't per doz. 55 lbs....per dozen $10.50
HALF DOZEN IN A CASE.

No. A8 (1080)—Base 6⅝×6⅝ in., height 7⅝ in., capacity 1 lb., round cornered box, screw top, bronzed crank and *side handle*, hopper inside case, tin drawer, w't per doz. 55 lbs..per dozen $10.60
HALF DOZEN IN A CASE.



No. 300—NATIONAL, base 5¾×5¾ in., height 4½ in., fancy bronze covered iron hopper, w't per doz. 50 lbs., per dozen..... $11.50
No. 301—Base 6½×6½ in., height 5 in., otherwise same as No. 300, w't per doz. 60 lbs.....per dozen 13.00
No. 302—Base 7×7 in., height 5¼ in., otherwise same as No. 300, w't per doz. 70 lbs.....per dozen 14.00
HALF DOZEN IN A CASE.

No. 431—NATIONAL, base 6½×6½ in., height 5½ in., fancy bronze covered top, covered iron hopper, *double grinders*, extra large, *with handle*, w't per doz. 62 lbs.....per dozen $13.00
HALF DOZEN IN A CASE.



No. 425—NATIONAL, base 7×7 in., height 5½ in., fancy bronze covered top, covered iron hopper, *double grinders*, extra large, w't per doz. 62 lbs....per dozen $15.00
HALF DOZEN IN A CASE.

No. 541—Base 6½×6½ in., height 8 in., capacity 1 lb., round cornered box, fancy covered iron hopper, *with handle*, tin drawer, w't per doz. 100 lbs., per dozen..... $15.00
HALF DOZEN IN A CASE.

WOODEN WARE.

POTATO MASHERS.

No. 3—Hardwood, *plain* handle, 10½ in., w't per doz. 11½ lbs.....per dozen $1.00
TWO DOZEN IN A CRATE.

No. 4—Hardwood, *enameled* handle, 10½ in., w't per doz. 8 lbs.....per dozen $1.10
TWO DOZEN IN A CRATE.

ROLLING PINS.

No. 0—12×2⅝ in., ordinary hard maple, oil finished, full size, revolving *plain* handles, w't per doz. 25 lbs..per dozen $1.30
No. 1—12×2⅝ in., *selected hard maple*, oil finished, full size revolving *plain* handles, w't per doz. 25 lbs..per dozen 2.00
ONE DOZEN IN A CRATE.

No. 2—12×2⅝ in., selected hard maple, oil finished, full size, revolving *enameled* handles, w't per doz. 27 lbs., per dozen $2.25
ONE DOZEN IN A CRATE.

No. 3—12×2⅝ in., choice white maple, hand polished and extra finished, revolving plain handles, wrapped in tissue paper, w't per doz. 27 lbs....per dozen $3.00
ONE DOZEN IN A CRATE.

MUSTARD SPOONS.

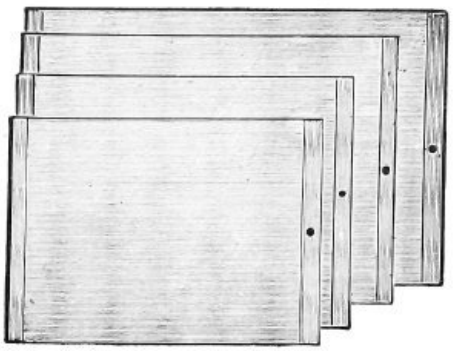
No. 7—5 in., boxwood.....per dozen $0.63
ONE GROSS IN A PACKAGE.

WOOD SPOONS.

Maple.			
Nos.....	3	4	5
Length.....	13	15	17 in.
Per dozen.....	$0.90	1.00	1.25

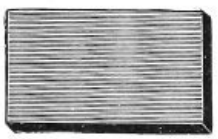
ONE GROSS IN A CASE.

PASTRY BOARDS.



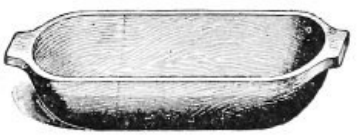
Basswood.				
Nos.....	2	3	4	5
Size.....	16×22	18×24	20×27	20×30 in.
W't per doz.	50	60	80	90 lbs.
Per dozen	$4.50	5.50	6.50	7.50

MEAT BLOCKS.



No. 6—12×16×7⅞ in., hardwood, w't per doz. 48 lbs.....per dozen $4.00
TWO DOZEN IN A BUNDLE.

CHOPPING TRAYS.



Hard Maple, Machine Made.			
Nos.....	1	2	3
Size.....	10½×19½	11×21	12×22 in.
W't per doz.	50	60	65 lbs.
Per dozen...	$5.25	6.75	8.50

HALF DOZEN IN A CRATE.

WOOD BOWLS.

Hard Maple.				
Diameter...	13	15	17	19 in.
W't per doz.	25	30	50	70 lbs.
Per dozen..	$1.50	3.00	5.00	8.00

Nested, 15, 17 and 19 in., per single dozen $5.50
NOS. 13, 15, 17 AND ASS'T'D, ONE DOZEN; NO. 19 HALF DOZEN IN A CRATE.

VEGETABLE SLICERS.

No. 6—4½×12 in., corrugated steel blade, sliding steel gauge, w't per doz. 9 lbs., per dozen..... $4.50

For slicing apples, pears, bananas, potatoes, beets, cucumbers, turnips, radishes, carrots, cabbage, etc. Make dainty and attractive perforated flutings and Saratoga chips in various designs.

ONE GROSS IN A CASE.

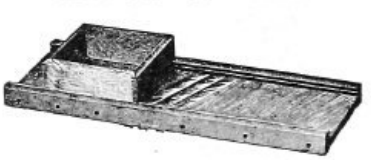
No. 0—3½×12 in., adjustable knife, w't per doz. 6 lbs.....per dozen $2.00
ONE GROSS IN A CASE.

SLAW CUTTERS.

No. 10—6¼×17 in., 1 knife, adjustable blade, w't per doz. 24 lbs....per dozen $3.50
ONE DOZEN IN A CRATE.

No. 20—6¼×18 in., 2 knives, adjustable blades, w't per doz. 26 lbs...per dozen $5.00
ONE DOZEN IN A CRATE.

KRAUT CUTTERS.



With Adjustable Knives and Sliding Box.

No. 25—8×24 in., 2 knives, w't per doz. 80 lbs.....per dozen $12.50
No. 30—8×24 in., 3 knives, w't per doz. 90 lbs.....per dozen 15.55
No. 50—9×30 in., 3 knives, w't per doz. 120 lbs.....per dozen 30.00
No. 70—12×36 in., 3 knives, extra large, w't per doz. 180 lbs.....per dozen 48.00
NOS. 25 AND 30, ONE-QUARTER DOZEN; BALANCE HALF DOZEN IN A CRATE.

KNIFE TRAYS.

No. 10—Poplar, dovetailed and varnished, w't per doz. 11 lbs.....per dozen $2.00
No. 20—Oak, dovetailed and varnished, w't per doz. 14 lbs.....per dozen 3.00
FOUR DOZEN IN A CRATE.

WOODEN WARE.

DASH CHURNS.

Ash, Sunk Lid.

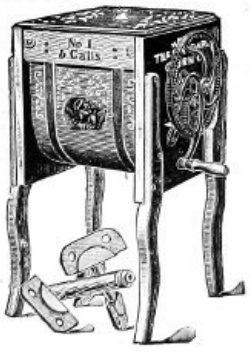
Nos.	0	1	2
Height	18	22	22 in.
Gallons	4	5	7
W't per doz.	120	145	180 lbs.
Per dozen	$12.00	13.00	15.00

White Cedar, Electric Hoops, Galvanized.

Nos.	4	5	6
Height	18	20	22 in.
Gallons	4	5	6
W't per doz.	110	130	170 lbs.
Per dozen	$14.00	17.00	21.00

SIX IN A CRATE.

ANTI-BENT WOOD CHURNS.



Selected White Ash, Varnished, Japanned Gearing.

Nos.	1	2	3
Gallons	5	7	10
Weight	43	45	48 lbs.
Each	$8.00	8.50	9.50

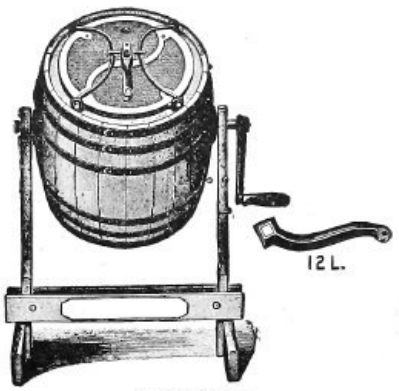
Extra Parts.

No. 31—Large crank wheel.....each $1.00
No. 32—Small cog wheel..... " .40

Rabbeted into the ends and put together with hydraulic pressure, making leakage an impossibility, and is constructed so that all parts swell and shrink together, which prevents splitting. Every churn warranted.

ONE IN A CRATE.

BELLE CHURNS.



With Frame.

Nos.	0	1	2
Gallons	6	10	15
Weight	29	36	41 lbs.
Each	$8.00	9.00	10.00
Nos.	**3**	**4**	**5**
Gallons	20	25	35
Weight	50	70	80 lbs
Each	$11.00	14.00	16.00

ONE IN A CRATE.

Large Sizes, Adapted for Power.

Nos.	★6	★7	★8
Gallons	50	60	80
Weight	80	100	120 lbs.
Each (without frame)	$22.00	26.00	35.00
Frames, extra, each	6.00	6.00	6.00

★*For factory shipment only.*

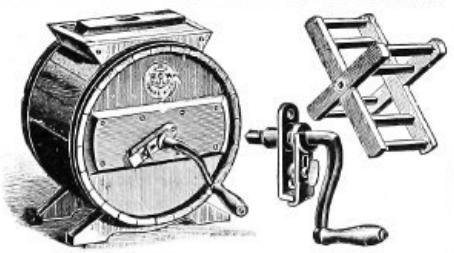
Extra Parts for Belle Churns.

Cork, for covers.....per set $0.75
No. 12L—Cranks.....each .25

Covers Complete, for Belle Churns.

Nos.	0	1	2
Weight	2¾	3¾	4 lbs.
Each	$1.00	1.25	1.50
Nos.	**3**	**4**	**5**
Weight	5¼	7½	8¾ lbs.
Each	$1.75	2.00	2.25

IMPROVED CYLINDER CHURNS.



White Cedar, Double Dasher, Thumb Screw Lock, Large Top, Galvanized Iron Hoops.

Nos.	1	2	3	4
Gallons	3	4	7	10
Weight	14	18	21	26 lbs.
Each	$2.50	3.00	3.50	4.00

NOS. 1 AND 2, SIX; NO. 3, FOUR AND NO. 4, TWO IN A CRATE.

BUTTER PRINTS.

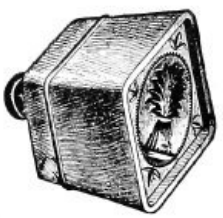
No. 5—4 in., assorted carvings, w't per doz. 2 lbs.....per dozen $1.10

BUTTER MOULDS.

Round.

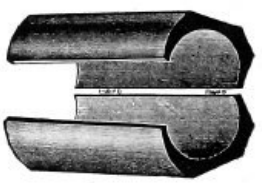
No. 10 —1 oz., individual, w't per doz., 1 lb.....per dozen $1.00
No. 10½—½ lb., w't per doz. 6 lbs., per dozen..... 1.75
No. 11 —1 lb., w't per doz. 14 lbs., per dozen..... 2.25
No. 12 —2 lb., w't per doz. 18 lbs., per dozen..... 3.75

NO. 10 LOOSE; BALANCE ONE DOZEN IN A CASE.



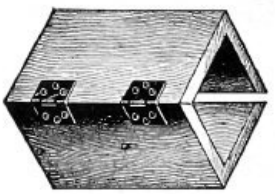
No. 21—1 lb., square, w't per doz. 11 lbs., per dozen..... $6.00

ONE DOZEN IN A CASE.



No. 32—2 lb., round, California pattern, brass hinges, w't per doz. 18 lbs., per dozen..... $4.50

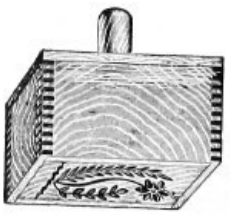
ONE DOZEN IN A CASE.



California Pattern.

No. 41—1 lb., square, brass hinges, w't per doz. 9 lbs.....per dozen $4.25
No. 42—2 lb., square, brass hinges, w't per doz. 14 lbs.....per dozen 4.50

ONE DOZEN IN A CASE.



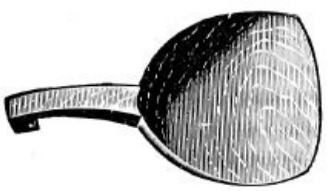
No. 51—1 lb. brick, with handle and revolving stop, perfectly square sides, w't per doz. 12 lbs.....per dozen $5.00

ONE DOZEN IN A CASE.

WOODEN WARE.

BUTTER LADLES.

No. 3—White maple, polished, w't per doz. 1¾ lbs.....per dozen $0.80



No. 6—White maple, w't per doz. 3½ lbs., per dozen..... $1.50

BUTTER SPADES.

No. 16—3×10 in., hardwood, smooth, machine-cut grooves, w't per doz. 1¾ lbs., per dozen..... $0.90

No. 11—4×12 in., hardwood, w't per doz. 2¼ lbs.....per dozen $1.00

Desirable for the handling of lard, berries, etc.

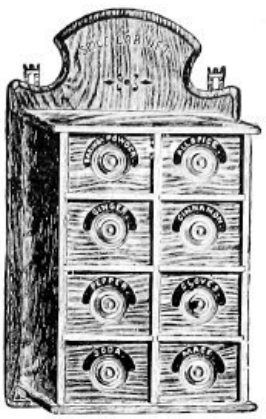
SALT BOXES.

No. 9076—Striped wood, nickel trimming lettered "Salt," size 4½×3¾×4¾ in., w't per doz. 4½ lbs.....per dozen $2.00

ONE-HALF DOZEN IN A PACKAGE.

No. 7812—Blue decorated china, wood cover, lettered "Salt," size 6×4½ in., w't per doz. 18 lbs.....per dozen $7.50

SPICE CABINETS.



No. 8—Hardwood, varnished, 8 stenciled drawers, height to shelf 12½ in., width 10½ in., depth 5 in., w't per doz. 80 lbs., per dozen..... $8.00

HALF DOZEN IN A CRATE.

COMMON TAPERED CORKS.

Regular Length.

Nos.	10	12	14	
Diameter of top	1	1⅛	1¼	in.
Per gross	$0.70	.80	1.05	
Nos.	**16**	**18**	**20**	
Diameter of top	1⅜	1½	1⅝	in.
Per gross	$1.25	1.65	2.07	

Assorted, Nos. 11 to 20, length 1 1/16 to 1⅝ in., w't per gro. 2¼ lbs.....per gross $1.30

Assorted, Nos. 2 to 10, length ½ to 1 in., per gross..... .65

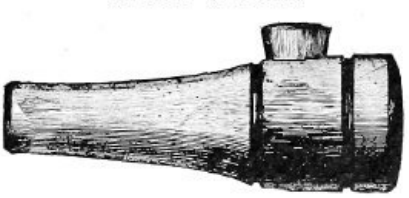
These corks taper about ¼ in.

ONE GROSS IN A PACKAGE; DO NOT BREAK.

BOTTLE CORKERS.

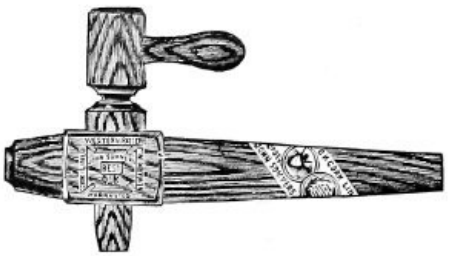
No. 5—13 in., beechwood, tin lined, wax finished, w't per doz. 10 lbs., per dozen $10.00

BEER VENTS.



No. 1—7 in., warranted, w't per doz. 4 lbs.....per dozen $3.00

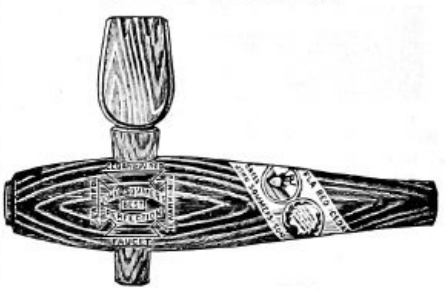
CHICAGO WOOD FAUCETS.



Boiled in Gutta Percha, Cork Lined, Warranted

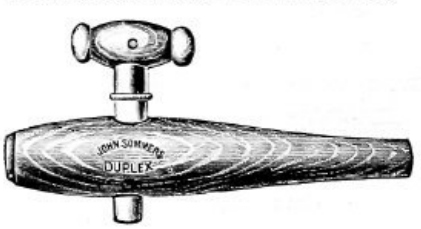
Nos.	1	2	3	
Length	7	8	8½	in.
W't per doz.	3	4	5	lbs.
Per dozen	$1.00	1.25	1.50	
Nos.	**4**	**5**	**6**	
Length	9½	10½	11½	in.
W't per doz.	5½	6	6½	lbs.
Per dozen	$1.75	2.00	2.25	

CEDAR FAUCETS.



Length	7	8	9	10 in.
W't per doz.	3	3½	3¾	4 lbs.
Per dozen	$1.00	1.25	1.70	2.00

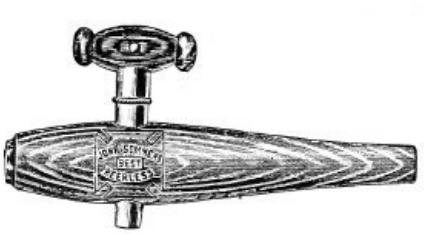
BLOCK TIN KEY FAUCETS.



DUPLEX, Maple Wood, Sole Leather Lined.

Nos.	0	1	2
Length	7½	9	12 in.
W't per doz.	5	7	10 lbs.
Per dozen	$3.50	4.50	5.00

LOOSE.



PEERLESS, Maple Wood Sole Leather Lined.

Nos.	10	11	12
Length	7½	9	12 in.
W't per doz.	5	7	10 lbs.
Per dozen	$3.50	4.50	5.00

ONE DOZEN IN A BOX.

WOODEN WARE.

TOWEL ROLLERS.

No. 3A—Plain, whitewood, not varnished, wood brackets, 1⅜×18 in. roll, w't per doz. 15 lbs.....per dozen $1.25

ONE DOZEN IN A CRATE.

No. 30—Hardwood, oil finished, wrought steel brackets, steel pivots, 1×18 in. roll, w't per doz. 9 lbs.....per dozen $2.25

ONE DOZEN IN A PASTEBOARD BOX.

No. 1—Cherry, varnished and polished, lacquered brackets, 1⅜×19 in. roll, w't per doz. 24 lbs.....per dozen $6.00

ONE DOZEN IN A CRATE.

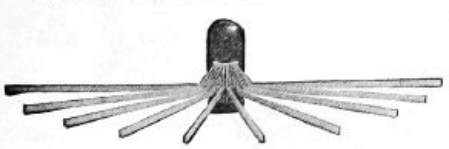
TOWEL BARS.

No. 6—MONARCH, wrought steel back, 6 hardwood bars 18×¾×⅜ in., w't per doz. 12 lbs.....per dozen $2.50

Folds up against the wall when not in use, each arm working independently.

ONE DOZEN IN A PACKAGE.

WALL CLOTHES DRYERS.

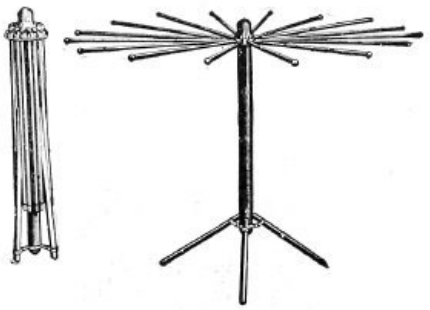


No. 111—Hard maple back, varnished and moulded, height 15 in., width 5 in., ten 30×⅞ in. arms, w't per doz. 70 lbs.....per dozen $15.00

Built scientifically. All the arms work individually, with perfect action and fold up when not in use. Very strong and compact. All steel parts are galvanized.

ONE DOZEN IN A CRATE.

CLOTHES BARS.

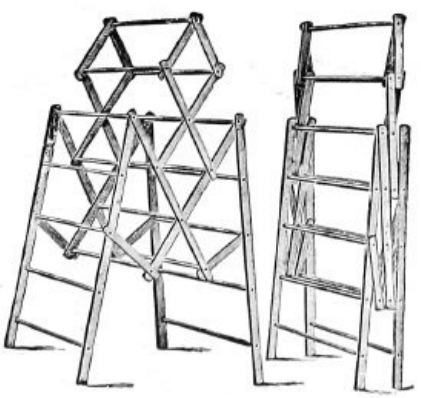


No. 5—Umbrella, hardwood, sixteen 24×½ in. round arms, height closed 34 in., open 44 in., 32 ft. drying space, revolving head, metal parts japanned, supported on tripod, w't per doz. 100 lbs.....per dozen $24.00

This simple and useful article is arranged so that it can be opened and closed like an umbrella, and is very easily adjusted. The bars operate independently of each other and revolve around the standard so that any part can be reached without taking a step.

HALF AND ONE DOZEN IN A CRATE.

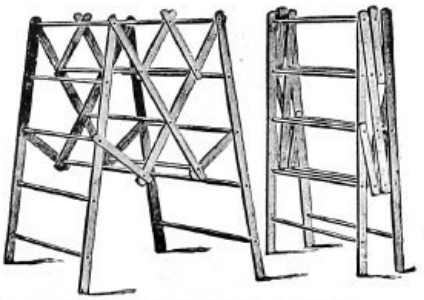
No. 10—NORTHWESTERN, hardwood, adjusted to two heights, to 5 and 6½ ft., 14 rods 3 ft. long, 31 ft. of hanging surface, w't per doz. 140 lbs., per dozen $12.00



No. 1—ROME CITY, basswood, smooth, 5 ft. 3 in. high, 19 rods 2 ft. 10 in. long, 54 ft. of hanging surface, w't per doz. 132 lbs.....per dozen $15.00

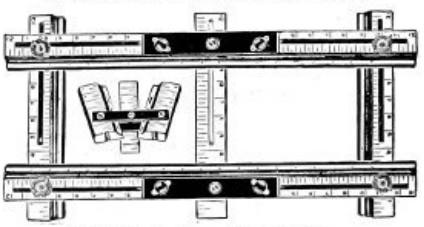
SIX AND ONE QUARTER DOZEN IN A BUNDLE.

CLOTHES BARS.



No. 2—ROME CITY, basswood, smooth, 4 ft. 6 in. high, 16 rods 2 ft. 10 in. long, 44 ft. of hanging surface, w't per doz. 115 lbs.....per dozen $12.50

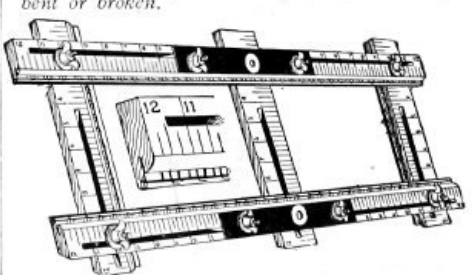
CURTAIN STRETCHERS.



With Center Bar, Will Not Sag.

No. 1—6×12 ft., ¾×2 in., basswood strips, brass pins, 2 in. apart marked in inches and quarters, adjustable for curtains from 36×72 in. to 62×134 in., folds compactly, w't per doz. 110 lbs.....per dozen $15.00

This frame is constructed so that it adjusts at all corners, making it easy to handle and work with. The strips have a slot at each adjusting point, through which slides a bolt, with thumb screw for fastening. The side strips are made in two pieces held together by two flat steel plates, so made that they will act as a hinge in folding, and secure great rigidity to the frame in use. The points for holding the curtain do not project above the upper surface of the wood, so that the frame protects the points from being bent or broken.



With Adjustable Pins.

No. 13—6×12 ft., 1×2 in. stock, made with measuring rule, stamped steel plate hinges, triple nickel plated brass pins, has adjustable center bar and positively can not sag, w't per doz. 110 lbs.....per dozen $32.00

No. 13 possesses all the desirable features of No. 1 and in addition is equipped with adjustable pins of nickel plated brass, which slide in grooves and can be adjusted to any desired position.

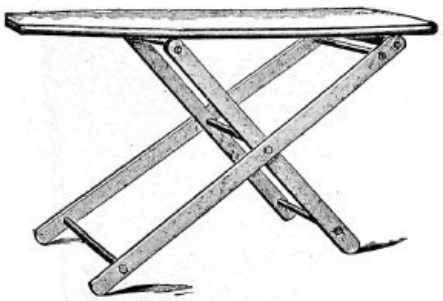
ONE-QUARTER DOZEN IN A CRATE.

Extra Bolts for Curtain Stretchers.

¼×1½ in., with wing nut ...per dozen $0.50
¼×2¼ in., with wing nut... " .50

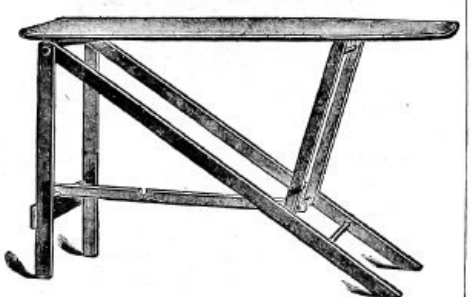
WOODEN WARE.

IRONING TABLES.



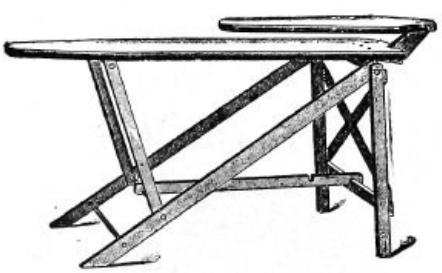
No. 50—Basswood, lift top, 53×15 in., folding rock elm legs, strongly braced, height 32 in., w't per doz. 215 lbs., per dozen..... $15.00

HALF DOZEN IN A CRATE.



No. 55—Basswood, 58×15 in. top, folding hardwood legs, strongly braced, folds up very compactly, w't per doz. 240 lbs.....per dozen $21.00

ONE-THIRD DOZEN IN A CRATE.



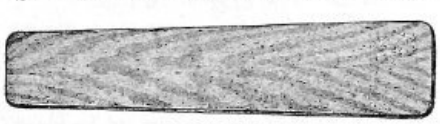
No. 56—Basswood top board, 15×58 in., hardwood legs, height 32 in., 24 in., hardwood sleeve board, width 4¾ in., tapering to 2½ in., w't per doz. 275 lbs.....per dozen $35.00

When in use, both ironing and sleeve boards are very rigid. Legs will not collapse when raising ironing board to put on skirt.

Sleeve board is securely fastened to ironing board with screws and bolts, and when not in use can be thrown back over end of ironing board.

ONE-THIRD DOZEN IN A CRATE.

SKIRT OR IRONING BOARDS.



Basswood.

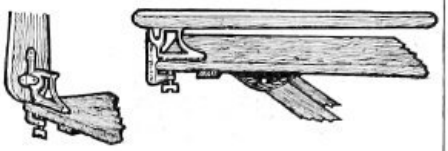
No. 4½—4½ ft., w't per doz. 75 lbs., per dozen..... $ 8.00

No. 5 —5 ft., w't per doz. 95 lbs., per dozen..... 9.00

No. 6 —6 ft., w't per doz. 135 lbs., per dozen..... 12.00

HALF DOZEN IN A BUNDLE.

SLEEVE BOARDS.



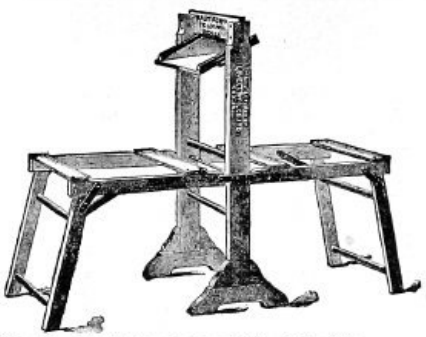
Hardwood, Round Edge, Malleable Iron Hinge Clamp.

No. 10—Length 25 in., width 5 in., tapering 2 in., w't per doz. 36 lbs. per dozen..... $12.00

No. 12—Length 20 in., width 4¾ in., tapering 2 in., w't per doz. 30 lbs. per dozen..... 10.00

This is a substantial ironing board for quickly and perfectly ironing sleeves, shirt waists, infants' clothes and other small articles. It can be quickly fastened to the table and swung up out of the way, if desired, for quick use of the table for other purposes.

FOLDING WASH BENCHES.



No. 60—Hard maple, varnished, for 10, 11 or 12 in. wringers, folds up very compactly, w't per doz. 220 lbs., per dozen..... $28.00

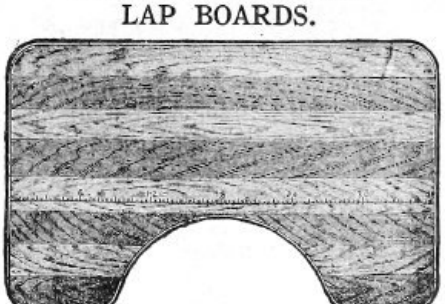
ONE-QUARTER DOZEN IN A CRATE.

STEP LADDER CHAIRS.

No. 57—Maple, varnished, height as a chair 18 in., height as a ladder 36 in., w't per doz. 135 lbs.....per dozen $33.00

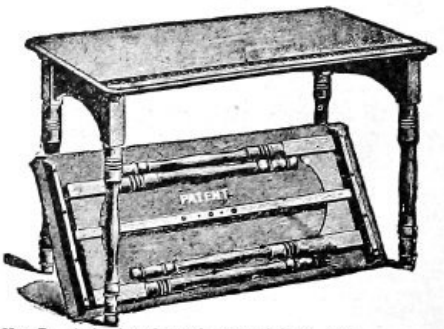
ONE-QUARTER DOZEN IN A CRATE.

LAP BOARDS.



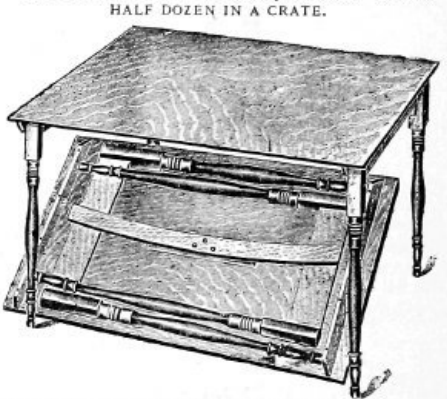
No. 1—White basswood and butternut, striped, tongued and grooved, varnished, with yard measure, 20×36 in., w't per doz. 50 lbs.....per dozen $10.00

FOLDING TABLES.



No. 5—Ash, hardwood turned legs, varnished top, with yard measure, 18×36 in., height 25 in., w't per doz. 175 lbs.....per dozen $15.00

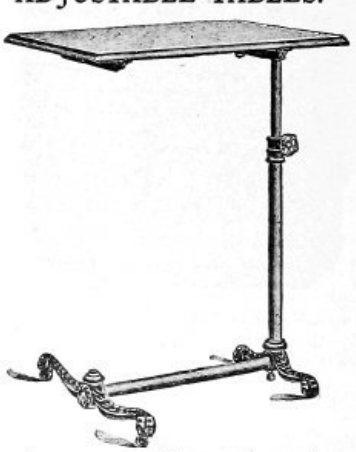
HALF DOZEN IN A CRATE.



No. 14—Card, ash, turned legs, varnished top, hardwood spring, 24×32 in., height 28 in., w't per doz. 235 lbs., per dozen..... $24.00

HALF DOZEN IN A CRATE.

ADJUSTABLE TABLES.



No. 1—Brown enameled metal parts, golden oak top, 18×24 in., adjustable to any angle and from 25 in. to 43 in. in height, detachable book rest, with casters, w't per doz. 372 lbs., per dozen $96.00

This table, while designed primarily for the sick room, is also convenient for sewing, writing, reading, drawing, games, or for a music stand or easel, and a desirable adjunct to the office desk and lecture platform. Can be easily adjusted to any desired height or angle. When used at the bedside, table projects over the bed without touching it, leaving the patient free to move the body without danger of upsetting contents of the table, and relieving patient of weight of tray, etc. Easily taken apart and put together.

ONE IN A CASE.

BASKETS, HAMPERS AND MONEY DRAWERS.

MARKET BASKETS.

Common Diamond, Birch, Elm Handles.

No. 10—10 qt., size 14½×8½×5 in., w't per doz. 8 lbs.....per dozen $0.75
No. 16—16 qt., size 17×12×6½ in., w't per doz. 12 lbs.....per dozen .90

Extra Diamond, Rock Elm, Riveted Handles.

No. 20—16 qt., size 17×12×6½ in., w't per doz. 15 lbs.....per dozen $1.75
No. 24—24 qt., size 20×12×7½ in., w't per doz. 19 lbs.....per dozen 2.25

HALF DOZEN IN A BUNDLE.

Common Drop Bail, Birch.

No. 26—16 qt., size 17×12×6½ in., w't per doz. 12 lbs.....per dozen $0.90

HALF DOZEN IN A BUNDLE.

Extra Strapped, Drop Bail, Rock Elm, Heavy Bent Hoops.

No. 28—16 qt., size 17×12×6½ in., w't per doz. 14 lbs.....per dozen $1.25

HALF DOZEN IN A BUNDLE.

DINNER BASKETS.

Diamond School or Dinner, Birch.

No. 5—11½×7½×4½ in., w't per doz. 5 lbs.....per dozen $0.75

HALF DOZEN IN A BUNDLE.

RATTAN DELIVERY BASKETS.

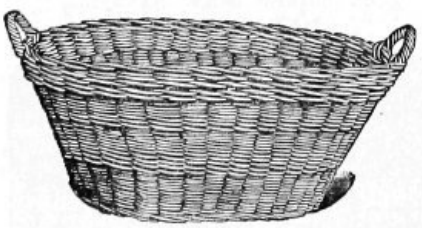
Rock Elm Standards, Slab Rattan Filling, Three Shoes Securely Nailed on, Ironed with Two Straps Extending from Hoop to Hoop.

Nos.	1	2	3
Bushels.	½	¾	1
Size.	18×10×7	20×11×7½	22×13×8 in.
W't per doz.	30	35	40 lbs.
Per doz.	$6.00	7.50	10.00
Nos	**4**		**5**
Bushels.	1½		2
Size.	24×14×9		27×15×10 in.
W't per doz.	50		60 lbs.
Per dozen.	$12.00		15.00

CLOTHES BASKETS.

Rock Elm Splint, Oval Wood Bottom.

Nos.	1	2
Size.	28×17½×11	30×18×11 in.
W't per doz.	45	50 lbs.
Per dozen.	$9.00	10.50
No.		**3**
Size.		32×20×11 in.
W't per doz		60 lbs.
Per dozen.		$12.50



Willow.

Size.	Small.	Medium.	Large.
	26×17×10	29×19×11	32×19×13 in.
W't per doz.	32	43	51 lbs.
Per dozen	$11.00	13.50	16.00

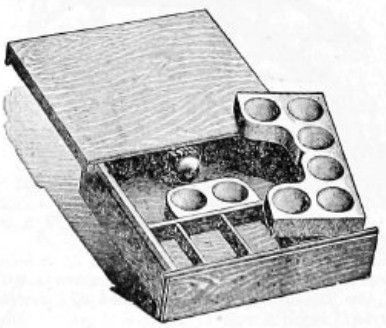
ONE DOZEN IN A BUNDLE.

HAMPERS.

Plain, Soft Peeled Willow, Two Side Handles.

No. 1001—Square, wood bottom, size 15×17×22½ in., w't per doz. 99 lbs., per dozen..... $36.00
No. 1002—Square, wood bottom, size 18×20×25½ in., w't per doz. 144 lbs., per dozen..... 46.00
No. 1003—Square, wood bottom, size 20×23×28 in., w't per doz. 160 lbs., per dozen..... 56.00
No. 1000—Nest, consisting of one each, Nos. 1001, 1002 and 1003, w't per nest 34 lbs.....per nest 10.50

MONEY DRAWERS.



Thirty-three Changes in Combination.

No. 1—Hardwood, varnished front, with bell, size 18×18½×5¼ in., w't per doz. 130 lbs.....per dozen $25.00
No. 6—With cathedral gong, otherwise same as No. 1.....per dozen 27.00

The cathedral gong is the same as used in clocks, and has a deep tone which can be heard at a distance; the front board of both numbers is square, with moulded edge, and covers the side supporting slide from view. The inside edges are rounded and finished smooth.

HALF DOZEN IN A CRATE.

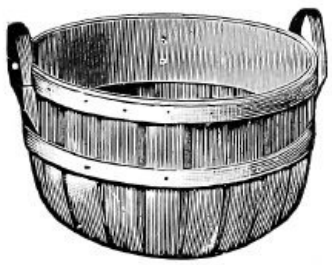
MEASURES AND BASKETS.

GRAIN BASKETS.

Narrow Band, Stave.

Bushels	½	1	1½
Style of handle	Bail.	Side.	Side.
W't per doz.	24	40	46 lbs.
Per dozen	$2.00	2.25	3.25

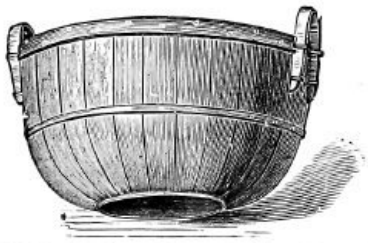
HALF DOZEN IN A BUNDLE.



Wide Band, Stave, Side Handles.

Bushels	1	1½	2
W't per doz.	42	50	72 lbs.
Per dozen	$3.00	4.00	6.00

HALF DOZEN IN A BUNDLE.



BRIGG'S, Oak Stave, Galvanized Iron Hoop, Side Handles.

Bushels	1	1½
W't per doz.	50	56 lbs.
Per dozen	$5.00	6.00

HALF DOZEN IN A BUNDLE.

RACINE Rock Elm Stave, Side Handles.

Bushels	1	1½	2
W't per doz.	44	55	85 lbs.
Per dozen	$5.00	6.00	8.00

HALF DOZEN IN A BUNDLE.

GRAIN BASKETS.

Double Elm Splint, Side Handles.

Bushels	2	3	4
W't per doz.	68	85	100 lbs.
Per dozen	$11.00	13.00	15.00

HALF DOZEN IN A BUNDLE.

WIRE VEGETABLE BASKETS.

½ bu., galvanized wire No. 15, frame No. 6 wire, with bail, w't per doz, 33 lbs., per dozen $10.00

TWO DOZEN IN A BUNDLE.

1 bu., galvanized wire No. 14, frame of No. 4 wire, drop handle, wood grip, w't per doz. 54 lbs ..... per dozen $17.50

These baskets are galvanized after made.

ONE DOZEN IN A BUNDLE.

GALVANIZED BASKETS.

STANDARD.

Bushels	½	1	1½
Style of handle	Bail.	Side.	Side.
W't per doz.	40	66	83 lbs.
Per dozen	$10.00	12.00	15.50

HALF DOZEN IN A BUNDLE.

GALVANIZED BASKETS.

Rope Handles, Double Bottom, Closely Riveted, Deep Corrugations.

Bushels	1	1½	2
W't per doz.	76	90	110 lbs.
Per dozen	$19.50	21.50	25.50

These are built for handling coke and coal, the construction being the most rigid possible. Useful for all purposes to which other baskets are adapted.

HALF DOZEN IN A BUNDLE.

MEASURES.

Japanned Iron.

No. 11—½ pk., w't per doz. 10 lbs., per dozen $2.50
No. 11½—¾ pk., w't per doz. 13 lbs., per dozen 3.25
No. 12—1 pk., w't per doz. 18 lbs., per dozen 3.75

Galvanized Iron.

No. 20—½ pk., w't per doz. 13 lbs., per dozen 3.75
No. 22½—1 pk., w't per doz. 23 lbs., per dozen 6.00

HALF DOZEN IN A BUNDLE.

No. 333.

Japanned Iron.

No. 23—½ bu., side handles, w't per doz. 30 lbs. ..... per dozen $4.75

Galvanized Iron.

No. 13—½ bu., side handles, w't per doz. 40 lbs. ..... per dozen 6.50
No. 333—½ bu., bail and side handles, w't per doz. 42 lbs. ..... per dozen 7.25

HALF DOZEN IN A BUNDLE.

Wood, Iron Bound.

Capacity	½ pk.	1 pk.	½ bu.
W't per doz.	20	30	52 lbs
Per dozen	$3.00	3.50	4.00

HALF DOZEN IN A RACK.

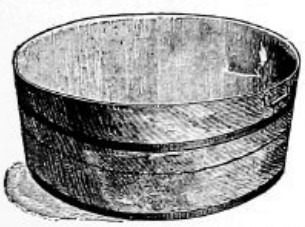
TUBS, HOOPS, AND MOP WRINGERS.

WOOD TUBS.

Standard.

Nos	3	2	1	Ex. large.
Diameter	19	20¾	23¾	24½ in.
Height	9⅛	9½	10¾	12 in.
W't per doz.	100	125	150	195 lbs.
Per dozen	$7.50	8.50	9.50	12.00

HALF DOZEN IN A BUNDLE.



Dowel.

Nos	3	2	1	Ex. large.
Diameter	19	21	23	24 in.
Height	9¼	10	11	12½ in.
W't per doz.	100	125	155	190 lbs.
Per dozen	$7.85	8.85	9.50	12.00

HALF DOZEN IN A BUNDLE.

Cedar, Electric Welded Wire Hoops.

Nos	3	2	1	Ex. large.
Diameter	19	21	23	24 in.
Height	9	10	11	12½ in.
W't per doz.	100	125	155	190 lbs.
Per dozen	$10.50	12.00	13.50	18.00

HALF DOZEN IN A BUNDLE.

WRINGER TUB ATTACHMENTS.

No. 10—Wood, with galvanized hooks, adjustable, w't per doz. pairs 2 lbs., der dozen pairs..... $3.00

HALF DOZEN PAIRS IN A BUNDLE.

GALVANIZED TUBS.

Nos	0	1	2	3
Diameter	18½	20	22	24¼ in.
Height	10	10	10½	11 in.
W't per doz.	70	85	95	105 lbs.
Per dozen	$10.00	11.50	12.50	14.00

These sizes do not correspond with sizes of wood tubs.

HALF DOZEN IN A BUNDLE.

Galvanized Iron, with Wringer Attachments Riveted to Side.

Nos	11	22	23
Diameter	20½	22¾	24½ in.
Height	10½	11	11 in.
W't per doz.	96	108	120 lbs.
Per dozen	$13.50	14.50	16.00

HALF DOZEN IN A BUNDLE.

26 Gauge Iron, Red Banded.

Nos	10S	20S	30S
Diameter	20½	22¾	24½ in.
Height	10½	11	11 in.
W't per doz.	100	110	124 lbs.
Per dozen	$18.00	20.00	22.00

HALF DOZEN IN A PACKAGE.

26 Gauge Iron, Red Banded, with Wringer Attachment.

Nos	100S	200S	300S
Diameter	20½	22¾	24½ in.
Height	10½	11	11 in.
W't per doz.	110	124	136 lbs.
Per dozen	$19.50	21.50	23.50

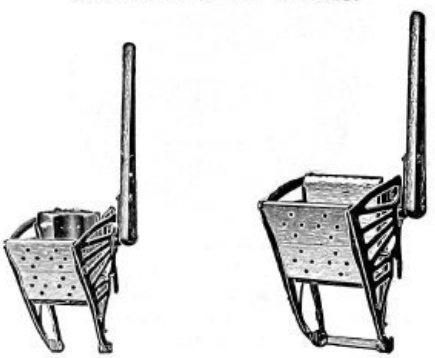
HALF DOZEN IN A PACKAGE.

MOP WRINGERS.

No. 30—Cedar pail, electrically welded hoops, maple rollers with steel axles, tempered steel springs, steel treadle, malleable iron guide plates and foot holder, with bail, w't per doz. 156 lbs.....per dozen $30.00

This is an exceedingly useful device, and greatly reduces the drudgery of mopping, as with its use the hands are not wet, consequently strong lye water may be used. It is made to overcome faults of other makes; will not entangle mop cords. The pressure on the treadle wrings the mop quickly and satisfactorily.

ONE-THIRD DOZEN IN A CRATE.



No. 5. No. 0.

Cast Iron Japanned Frame, Wood Handle and Pressure Boards.

No. 3—Family size, opening 7×3½ in., wrings 8 to 16 oz. mops, w't per doz. 120 lbs.....per dozen $21.00

No. 5—Hotel size, opening, 7½×5 in., wrings Nos. 1 and 4 round mops, w't per doz. 150 lbs.....per dozen 24.00

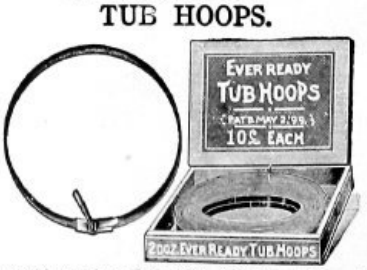
No. 1—Hotel size, opening 7½×4½ in., wrings 16 to 24 oz.mops, w't per doz. 135 lbs.....per dozen 24.00

No. 0—Extra large, opening 8½×5½ in., wrings 24 to 34 oz.mops, w't per doz. 173 lbs.....per dozen 30.00

These wringers slip over the edge of a pail and drain into it. The handle has a spring which holds it upright, leaving the jaws always open. A 25 lb. pressure on the handle makes a 400 lb. squeeze on the mop.

NOS. 0 AND 3, ONE DOZEN, BALANCE ONE-THIRD DOZEN IN A PACKAGE.

TUB HOOPS.



Adjustable to Any Size Tub, No Rivets Required.

No. 10—EVER READY, handsome hinged display box, containing 2 doz. tub hoops, ⅞×78 in., with clamps, for repairing any size tub, w't per box 9 lbs.....per box $3.25

TWO DOZEN IN A BOX. WE DO NOT BREAK BOXES.

PAILS AND WELL BUCKETS.

GALVANIZED PAILS.

Regular, Water.

Quarts	8	10	12	14	
W't per doz.	20	20	25	25	lbs.
Per dozen	$7.00	8.00	9.00	10.00	

ONE DOZEN IN A BUNDLE.

Extra Heavy, Water.

Nos	1512	1514	
Quarts	12	14	
W't per doz.	42	48	lbs.
Per dozen	$11.50	13.00	

ONE DOZEN IN A BUNDLE.

Stock.

Nos	1	2	3	4	
Quarts	14	16	18	20	
W't per doz.	37	40	43	48	lbs.
Per dozen	$12.00	13.00	14.00	16.00	

ONE DOZEN IN A BUNDLE.

Fire, Grooved Edge, Round Bottom.

Quarts	12	14	
W't per doz.	24	28	lbs.
Per dozen	$10.00	11.00	

ONE DOZEN IN A BUNDLE.

Well, Galvanized Iron.

Nos	10	12	14	
Quarts	10	12	14	
W't per doz.	25	29	33	lbs.
Per dozen	$7.00	7.50	8.00	

HALF DOZEN IN A BUNDLE.

GALVANIZED PAILS.

Water, 26 Gauge Iron, Galvanized, Red Banded.

No. 512S—12 qt., size 11¼x9½ in., w't per doz. 40 lbs. ..... per dozen $12.00

No. 514S—14 qt., size 11¾x10¼ in., w't per doz. 45 lbs. ..... per dozen 13.50

ONE DOZEN IN A BUNDLE.

Well, 26 Gauge Iron, Galvanized, Red Banded.

No. 102S—10 qt., w't per doz. 38 lbs. per dozen $9.00

No. 122S—12 qt., w't per doz. 43 lbs. per dozen 10.00

HALF DOZEN IN A BUNDLE.

INDURATED FIBRE PAILS.

Star, standard size, 12 qt., flush bottom, w't per doz. 46 lbs ..... per dozen $4.50

HALF DOZEN IN A CRATE.

12 qt., Fire, round bottom, w't per doz. 42 lbs. ..... per dozen $6.50

HALF DOZEN IN A CRATE.

WELL BUCKETS.

Oak, Wrought Iron Riveted Top Ears.

No. 1—2¾ gal., "O. K.," plain bail, per dozen $4.65

No. 2—2¾ gal., "O. K.," swivel bail, per dozen 6.75

AVERAGE WEIGHT 96 LBS. PER DOZEN.

Oak, Side Strap Ears Passing under Middle Hoops.

No. 3—2¾ gal., U. S., plain bail, per dozen $4.80

No. 4—2¾ gal., U. S., swivel bail, per dozen 6.90

AVERAGE WEIGHT 96 LBS. PER DOZEN.

Oak, Extra Large, for Stock, Heavy Strap Ears.

No. 5—5 gal., extra heavy, ⅜ in. round iron swivel bail, w't per doz. 135 lbs., per dozen $15.00

ONE DOZEN IN A CRATE.

INDURATED FIBRE SPITTOONS.

No. 2—12 in., loose top, w't per doz. 40 lbs. per dozen $7.00

ONE DOZEN IN A CRATE.

PAILS, WATER KEGS AND BAGS.

WOODEN PAILS.

Standard.

No. 2—2 hoops, grained, w't per doz. 36 lbs.....per dozen $2.00

No. 3—3 hoops, grained, w't per doz. 40 lbs.....per dozen 2.20

The capacity of an ordinary wood pail is about 11 quarts.

ONE DOZEN IN A BUNDLE.

No. 13—CABLE, 3 wire hoops, grained, w't per doz. 33 lbs.....per dozen $3.50

The capacity of an ordinary wood pail is about 11 quarts.

ONE DOZEN IN A BUNDLE.

CEDAR PAILS.

No. 23—3 galvanized electric welded wire hoops, w't per doz. 35 lbs....per dozen $4.00

HALF DOZEN IN A BUNDLE.

Brass Bound.

No. 25—3 hoop, mixed and striped, size 2, w't per doz. 45 lbs.....per dozen $18.50

No. 27—3 hoop, all red cedar, size 2, w't per doz. 44 lbs.....per dozen 21.00

These are high grade pails, made of cedar finely finished and bound with brass hoops nicely polished. Capacity is about 12 quarts.

HALF DOZEN IN A BUNDLE.

HORSE PAILS.

No. 33—STANDARD, wooden, 3 wire hoops, flush bottom, wrought galvanized ears, w't per doz. 75 lbs.....per dozen $5.00

The capacity of an ordinary wood pail is about 11 quarts.

HALF DOZEN IN A BUNDLE.

Horse, Foundry or Mortar.

No. 53—J. I. C., oak, 3 extra heavy steel hoops, $\frac{7}{16}$ in. iron bail, wrought iron ears and side straps, fastened with riveted bands, flush bottom, w't per doz. 100 lbs.....per dozen $7.00

No. 60—J. I. C., cedar, otherwise same as No. 53, w't per doz. 94 lbs..per dozen 8.00

HALF DOZEN IN A BUNDLE.

HARVEST KEGS.

Four Heavy Hoops, with Handle.

Gallons.....	1	2	3	4
W't per doz..	40	60	85	120 lbs.
Per dozen....	$4.50	6.25	8.75	10.50

5 gal., 6 heavy hoops, w't per doz. 125 lbs.....per dozen $13.75

1, 2 AND 3 GALLON HALF DOZEN; 4 AND 5 GALLON ONE-THIRD DOZEN IN A BUNDLE.

WATER BAGS.

No. 8—2½ gal., w't per doz. 9 lbs., per dozen..... $18.00

No. 9— 5 gal., w't per doz. 15 lbs., per dozen..... 28.00

These bags are made of a material having the peculiar property of holding water and yet exuding enough moisture to prevent the sun from having any effect on the water inside.

Just the thing for travelers, timbermen, miners, prospectors, stockmen, surveyors, railroad men, threshing crews, teamsters, millmen and farmers. It can be taken on horseback, carried on the arm, or suspended from buggy, wagon, plow or any machine in use, so that a cool, refreshing drink will always be at hand.

Hang the bag in the air.

The material allows the water to evaporate slightly. Notice a drop of water on the outside of the bag continually. The constant exudation and evaporation keeps the water inside the bag cool and palatable.

First and second time filling, water will evaporate quite rapidly, after which bag is in condition to hold water indefinitely. Some evaporation is necessary to keep water fresh.

Guaranteed to keep water cool for forty-eight hours. When empty or its use is not desired, it can be folded up as a towel and carried in the pocket.

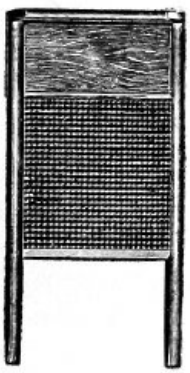
WATER KEGS.

No. 10—10 gal., railroad, oak, 6 hoops, hinged lid, solid side handles, varnished, w't per doz. 200 lbs., per dozen $22.50

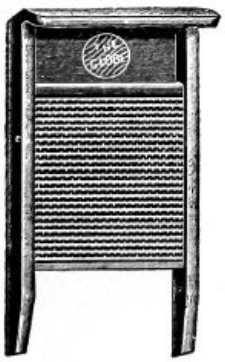
WASH BOARDS.

No. 1—LILY LAKE, single, fancy crimp, 5⅞×7¾ in., used in a common pail or small keeler, w't per doz. 17 lbs., per dozen..... $2.00

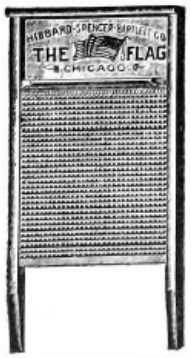
ONE DOZEN IN A BUNDLE.



No. 2—GLOBE CRIMP, single zinc, plain crimp, 10×10½ in., w't per doz. 25 lbs., per dozen..... $2.75

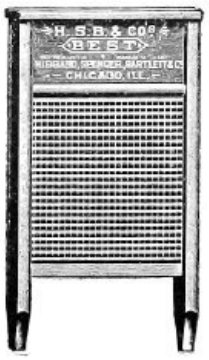


No. 6—GLOBE, hardwood frame, single zinc, globe crimp, protected top, ventilated back, 10×10½ in., w't per doz. 33 lbs.....per dozen $4.00

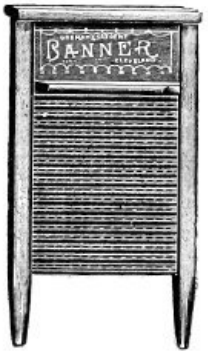


No. 10—FLAG, double zinc, globe crimp one side, plain on other, 10×10½ in., w't per doz. 36 lbs.....per dozen $4.50

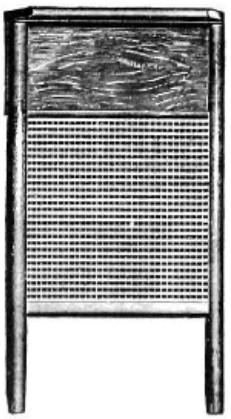
HALF DOZEN IN A BUNDLE.



No. 12—BEST, double zinc, globe crimp one side, plain on other, 11×10⅞ in., w't per doz. 37 lbs.....per dozen $5.00



No. 14—BANNER, double, pencil crimp, one piece heavy zinc, both sides exposed for use, 10×11½ in., w't per doz. 33 lbs.....per dozen $5.50

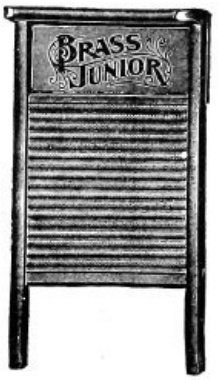


No. 25—GLOBE CRIMP, single zinc, family size, 12×13 in., w't per doz. 41 lbs. per dozen..... $6.00

No. 35—GLOBE CRIMP, double zinc, family size 12×13 in., w't per doz. 45 lbs., per dozen..... 7.00

No. 26—GLOBE CRIMP, single zinc, laundry size, 14½x13 in., w't per doz. 45 lbs.....per dozen 7.50

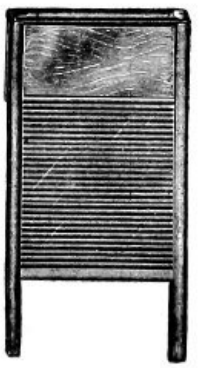
HALF DOZEN IN A BUNDLE.



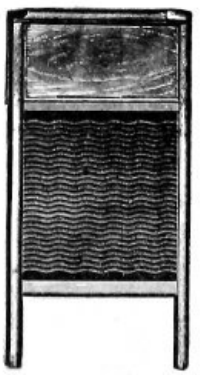
No. 802—BRASS JR., single spiral crimp, 10½x10 in., back braced with three wood rods, w't per doz. 23 lbs.....per dozen $5.00

No. 430—BRASS CHIEF, single spiral crimp, braced with four wood rods, 11½×10⅞ in., w't per doz. 30 lbs..per dozen 6.50

No. 450—BRASS CHIEF, 11½x12 in., back braced with five wood rods, w't per doz. 32 lbs., otherwise same as No. 430, per dozen..... 7.50



No. 410—CRYSTAL GLASS, single, hardwood frame, reversible, 12¼×10⅞ in., w't per doz. 58 lbs.....per dozen $6.50



No. 420—ENAMEL CHIEF, single, wave crimp, blue enamel, 12¼×11 in., w't per doz. 39 lbs.....per dozen $6.50

HALF DOZEN IN A BUNDLE.

REV-O-NOC WASHING MACHINES

Downward Lever Motion.

Using Upper Handle Socket.

Easy access to tub.

No. 10 REV-O-NOC—Height 30 in., width 23 in., 19 in. fly wheel, red Louisiana cypress tub, grained, corrugated inside, double top, hinged cover, strong wringer attachment, double handle socket, cross braced legs, absolutely rigid, w't 90 lbs. ..... per dozen $144.00

The REV-O-NOC *is a distinct advance over the ordinary washing machine, in that it is easily run by a child and the motion is not tiresome when continued. It is as easy to operate as a bicycle, the power being applied very much in the same way.*

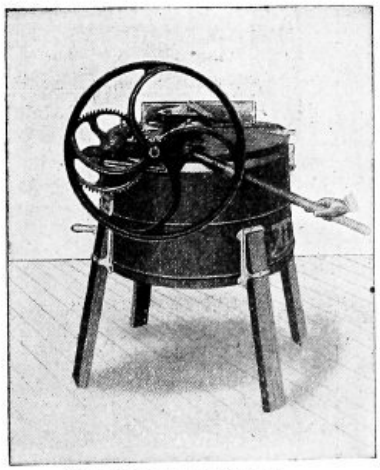
The new lever motion is a great improvement over previous washing machines. It enables the machine to be operated more rapidly. The flywheel travels at great speed, making seven revolutions with every downward thrust of the lever. This is much more rapid than any other washer on the market. It is not necessary to follow the lever down to its lowest point, but it can be released and no further effort need be exerted until it starts downward again. The power is applied in the easiest manner possible and a single downward stroke will operate the lever up and down three times without any further exertion.

The construction of the working parts is scientific and marvelously simple. The compound gearing insures great speed and the rapid motion of the fly wheel produces an evenness and smoothness of running which is both pleasant and thorough. All the parts are accurately made, fit perfectly, and run with very little noise. The top is made double to prevent warping. The few metal parts are simple, strong and not liable to get out of order. All parts are interchangeable and should they be broken by accident or misuse can be replaced at slight expense. The cover is hinged, and when it is lifted all of the machinery is shifted to one side, making it easy to get at the contents of the tub. A strong support is provided for attaching the wringer. The inside of the tub is corrugated and the dasher is made in the strongest manner possible and adjusts itself to the number of clothes which are being washed.

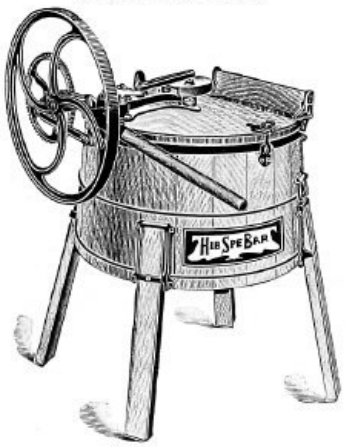
The dasher does not produce a jerk in its movements right and left, it starts slowly, gradually increases in speed and then comes to an easy stop before beginning again, exactly the same as a piston of an engine. There is therefore no unusual wear on the machine, and the clothes will not tear or wear in the washing. The movement of the dasher causes a great agitation in the water and the clothes are cleaned in a surprisingly short space of time, the dirtiest and greasiest clothes being rendered perfectly clean in three or four minutes.

The improved REV-O-NOC *has two sockets in which to place the handle, which permits the operator to work at the side or top.*

"HIB-SPE-BAR."



The Easy Lever Motion.



Cover Lifted.

No. 9—HIB-SPE-BAR, height 32 in., width 23 in., 20 in. wheel, lever, cedar tub, corrugated inside, four detachable legs, held in place by galvanized malleable sockets, absolutely rigid, double top, hinged cover, strong wringer attachment, w't 91 lbs. ..... per dozen $144.00

The power to operate the "Hib-Spe-Bar" Washer is supplied by the use of a lever which works up and down. This communicates power to a fly wheel which relieves the operator of the necessity of constant exertion, as a single downward movement of the lever is sufficient to turn the dasher back and forth at least three times. Moreover, the lever motion is a vast improvement over the continual exertion of turning the crank and is much more natural.

The simplicity of the mechanism by which the power is transmitted to the dasher, together with careful construction is responsible for the small amount of power needed. All parts are strongly made, carefully fitted and work smoothly and almost noiselessly.

The Tub is very strongly made of seasoned cedar, the staves being tongued and grooved and held together by two round electrically welded galvanized iron hoops and by a flat galvanized iron hoop at the top. The inside of the tub is corrugated on the sides and bottom in the best manner and is thoroughly water-proof. The legs are fitted into galvanized malleable iron sockets which are bolted to the tub. The cover, which is hinged, is made double and when lifted the entire mechanism is out of the way, so that access to the tub is extremely easy.

A wringer support is provided and is secured to the tub by galvanized iron plates. All of the working parts are japanned and the tub is finished in natural wood and varnished.

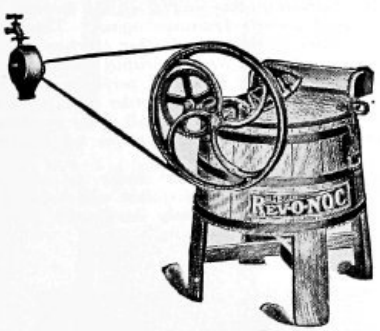
The Dasher is made with extreme care and is operated by a shaft fitted with a galvanized iron support which can be readily removed if necessary.

While the "Hib-Spe-Bar"-washer operates with considerably increased speed compared with ordinary rotary washers, there is no tendency to wear the clothes. The motion of the dasher to and fro is not accompanied by jerks, as the speed at starting and stopping is very slow, the speed being gently accelerating to a midway point and coming gradually to a stop at the end of the later half of the stroke. This produces a very agitated condition of the water which thoroughly permeates all of the clothes and cleanses them very rapidly.

WATER MOTORS, BELTS AND WASHING MACHINES.

WATER MOTORS.

Attached to Faucet.



As Applied to Washer.

No. 1992—6 in., 2 in. plain pulley, made of brass, iron and steel.....per dozen $144.00

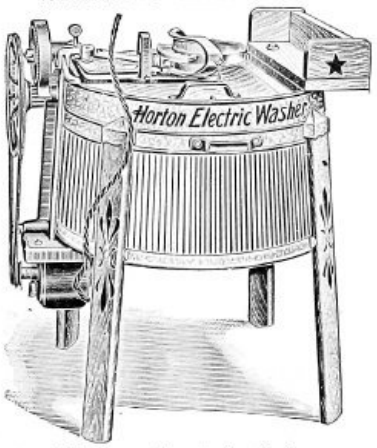
The motor is very simple, screws directly on to faucet instantly, and by simply slipping the belt on motor and machine to be driven is ready for work. Will operate rotary washers on 30 lbs. pressure or more. All parts are made of brass, iron and steel, and there being nothing to wear out, the motor should last indefinitely.

WATER MOTOR BELTS

9 ft. endless belt for No. 1992 water motors, 1 in. wide, made of rubber and cloth webbing.....each $0.80

One of these endless belts should be purchased with each water motor, as the regular rubber and leather belts are too heavy and use too much power.

WASHING MACHINES.



No. 17—★ HORTON, electric, family size, height 28 in., width 36 in., heavy galvanized steel tub, corrugated sides and bottom, wood top, legs and wringer attachment, complete with 10 ft. lamp cord and plug, w't 70 lbs.....per dozen $780.00

The lid can be opened and closed without turning off current or stopping machine.

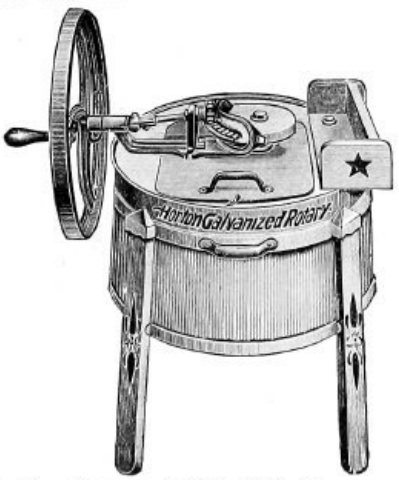
Is a popular and successful Washing Machine operated by the greatest power on earth, ELECTRICITY. Every one will recognize it at a glance as the complete destroyer of Wash-Day troubles.

For simplicity, longevity and ease of operation it cannot be excelled. No danger; nothing to get out of order; works perfectly.

Motor with all side attachments can be removed by turning one thumb nut. Motor can be removed by taking out four bolts and can be used for other purposes.

Equipped with a ten-foot lamp cord and plug to be attached to any lamp socket Either direct or alternating current motors furnished.

In ordering state voltage, also if current is direct or alternate.

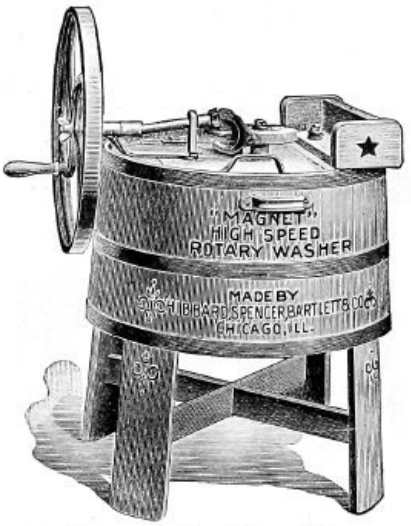


No. 11—HORTON, height 28¼ in., width 22½ in., 18 in. fly wheel, heavy galvanized steel tub, corrugated sides and bottom, wood top and legs, family size, wringer attachment, w't 70 lbs.....per dozen $120.00

This machine is similar to the No. 12, with the exception of the tub, which is galvanized steel instead of wood. It will not rust, shrink nor warp and is not affected by climatic changes. The lid is the only part of the body made of wood, which is essential to a perfectly noiseless operation. The legs which are made of oak, are firmly held to place by a galvanized bolt and socket.

★ *FACTORY SHIPMENT ONLY.*

WASHING MACHINES.



No. 12—MAGNET, height 28 in., width 22½ in., 18 in. wheel, high speed rotary, best grade Louisiana red cypress wood tub, finished in natural color, stave leg, w't 75 lbs., per dozen $108.00

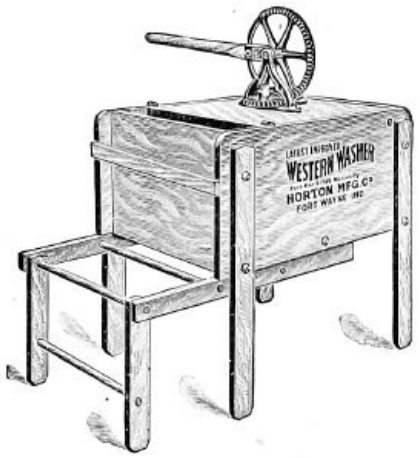
The gear is so constructed that all parts of the mechanism are in actual use when the pin wheel is driven in either direction, and no parts run idle, nor is any of the power of the drive shaft absorbed in shifting from one set of gears to another. Thus, in this machine the least possible friction occurs and the high power action is obtained with consequent greater speed. Two revolutions of the fly wheel turn the pin wheel or dasher ⅞ way around and back, making the highest speed rotary mechanism.

No. 7—O. K. ROTARY, height 28 in., width 27 in., 20 in. fly wheel, corrugated inside, cross braced legs, hinged cover, strong wringer attachment, best grade Louisiana red cypress, mahogany finish, weight 85 lbs.....per dozen $120.00

This is one of the best known rotary washers on the market. The inner surface of the tub is corrugated affording the largest rubbing surface possible.

The most important feature is the gearing which operates the dasher in the tub. The driving shaft is solid and to one end is attached an extra heavy driving pinion which meshes with a double gear head. This pinion and double gear working in conjunction with guides cast solid with the frame, make a combination for reverse motion unequalled for simplicity and strength.

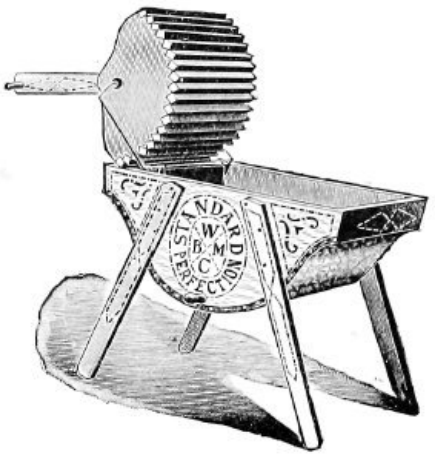
WASHING MACHINES.



No. 2—WESTERN, family size, hardwood body, 27 in. high, 25 in. long, and 20 in. wide, grained, inside corrugated, hinged cover, galvanized iron standard and cog wheels, hardwood handle and dashe sliding tub rack, wringer attachment, w't 60 lbs.....per dozen $70.00

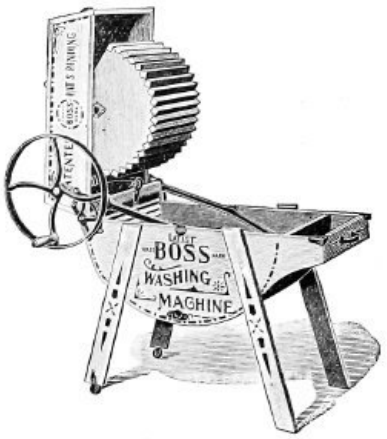
No. 3—WESTERN, large size, w't 65 lbs., otherwise same as No. 2....per dozen 74.00

This is one of the oldest and most successful washers on the market.



No. 120—★STANDARD PERFECTION, hardwood body, height 30 in., length 34 in., width 12½ in., wood grip, hardwood frame cylinder, malleable iron castings, hinged cover, w't 50 lbs., per dozen..... $50.00

This machine operates on the same principle as the No. 15 Superior.



Hardwood Body, and Frame Cylinder, Malleable Iron Castings, Hinged Cover.

No. 1—Boss, medium, height 31 in., length 35 in., width 19 in., 16 in. fly wheel, wood handle, w't 90 lbs., per dozen..... $125.00

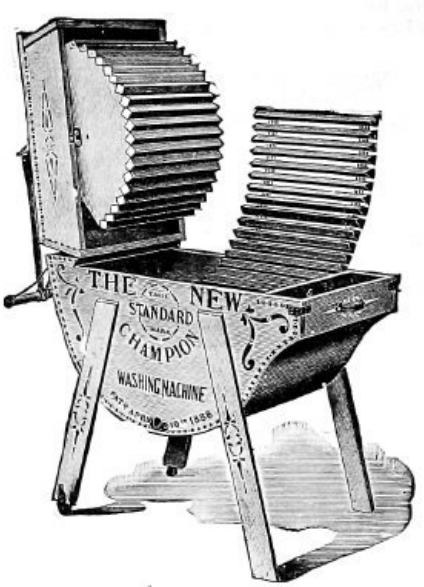
No. 2—Boss, large, height 31 in., length 35 in., width 21 in., 16 in. fly wheel, wood handle, w't 95 lbs....per dozen 137.00

No. 5—Boss, extra large, height 32 in., length 35 in., width 23 in., 20 in. fly wheel, w't 105 lbs.....per dozen 150.00

No. 4—AMERICAN, family size, hardwood, height 28 in., width 24 in., inside corrugated, hinged cover, galvanized iron, standard and cog wheels, hardwood handle and dasher, w't 50 lbs.....per dozen $70.00

No. 15—SUPERIOR, kiln dried Arkansas Cottonwood, height 24 in., length 33 in., width 21 in., galvanized iron body, with removable hardwood corrugated slats, hardwood cylinder and handle, galvanized iron socket guides, four hardwood bolted legs, w't 40 lbs., per dozen..... $48.00

In this washer the clothes are rubbed in the same manner as on the washboard. The cylinder is provided with three-cornered slats that rub and at the same time force the water through the clothes. The sockets allow the cylinder to adapt itself to the amount of clothes.



Hardwood Body, and Frame Cylinder, Hinged Cover, Malleable Iron Castings.

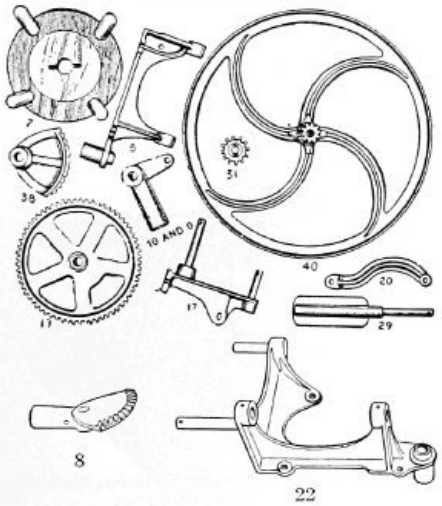
No. 1—STANDARD CHAMPION, medium size, height 31, length 34¾, width 18¼ in., wood handle, w't 80 lbs..per dozen $105.00

No. 2—STANDARD CHAMPION, large size, height 31 in., length 34¾ in., width 20½ in., fly wheel, wood handle, w't 90 lbs.....per dozen 117.00

★*FOR FACTORY SHIPMENT ONLY.*

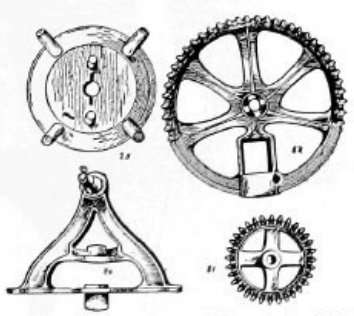
WASHING MACHINE EXTRAS.

REV-O-NOC.



No. 7—Pinwheel, w't 2 lbs.....each $1.00
No. 38—Gear segment, for old style, w't 1½ lbs.....each .40
No. 8—Gear segment, for new style, w't 2¼ lbs.....each .40
No. 10—Handle socket for old style, w't 1¾ lbs.....each .50
No. 0—Handle socket, for new style, w't 2 lbs.....each .50
No. 17—Main frame, for old style, w't 3 lbs.....each .90
No. 18—Main frame, for old style, w't 4¼ lbs.....each .90
No. 22—Main frame, for new style, w't 7½ lbs.....each 1.80
No. 19—Gear wheel, w't 3½ lbs..... " .70
No. 20—Pitman, w't 14 oz..... " .30
No. 29—Dasher center, w't 1¾ lbs.. " .50
No. 31—Pinion, w't 7 oz..... " .30
No. 40—Fly wheel, w't 13½ lbs..... " 2.50
Extra wood handles..... " .30

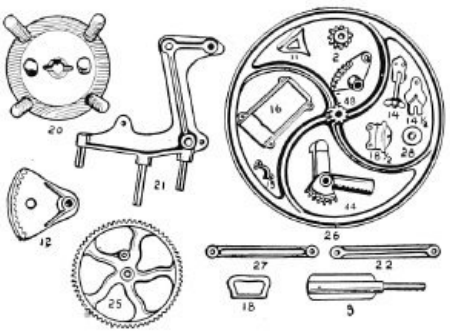
WESTERN SQUARE AND ROUND.



Adapted Only for Horton Mfg. Co.'s Washing Machines.

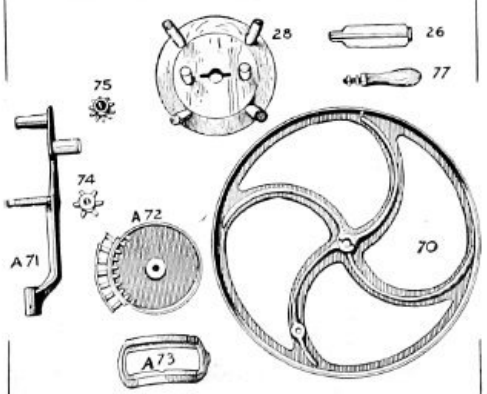
No. 28—Pin wheel, w't 3 lbs.....each $0.60
No. 80—Arch, w't 2½ lbs..... " .60
No. 81—Small gear wheel, w't 1 lb.. " .50
No. 82—Large gear wheel, w't 3½ lbs. " .60

"HIB-SPE-BAR."



No. 2—Dasher pinion, w't 9 oz...each $0.30
No. 3—Dasher center, w't 1¾ lbs " .80
No. 11—Lid stopper, w't ½ lb.... " .30
No. 12—Internal segment, w't 2¼ lbs., each..... .70
No. 14—Lid catch, w't 5 oz.....each .20
No. 14½—Lid lift, w't 6 oz..... " .20
No. 15—Spout, w't 2 oz..... " .20
No. 16—Leg holder, w't 10 oz..... " .30
No. 18—Tub handle, w't 4 oz..... " .20
No. 18½—Tub handle plate, w't 4 oz. " .20
No. 20—Pin wheel, w't 3½ lbs.... " 1.10
No. 21—Main frame, w't 8 lbs..... " 2.00
No. 22—Top, w't 1 lb..... " .40
No. 25—Spur wheel, w't 3¾ lbs... " 1.10
No. 26—Fly wheel, w't 13½ lbs... " 2.50
No. 27—Side pitman, w't 1 lb.... " .40
No. 28—Cap for No. 3, w't 2 oz.... " .20
No. 43—Bevel segment, w't 1 lb... " .60
No. 44—Lever socket, w't 2 lbs.... " .80

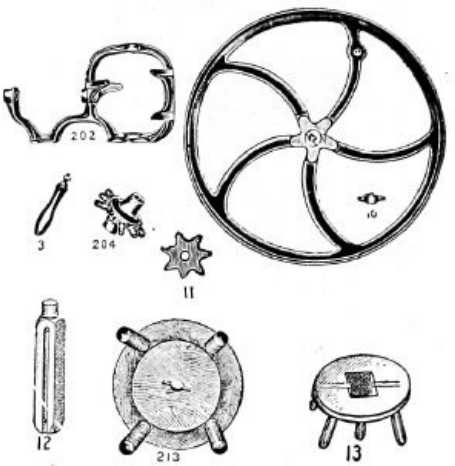
MAGNET AND HORTON.



Adapted for Nos. 11 and 12 Rotary.

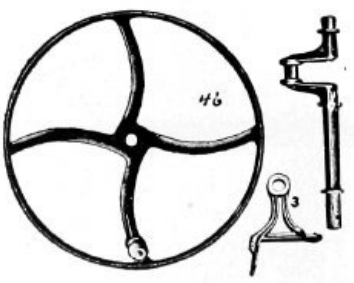
No. 70—Fly wheel, w't 13½ lbs....each $2.50
No. A71—Frame, w't 3½ lbs..... " 2.00
No. A72—Rack wheel, w't 3 lbs..... " 1.50
No. A73—Guide, w't 1½ lbs..... " .60
No. 74—Rack pinion, w't ½ lb.... " .50
No. 75—Dasher pinion, w't ½ lb... " .50
No. 26—Galvanized post, w't 1 lb.. " .60
No. 17—Fly wheel handle and bolt, w't ¼ lb.....each .20
No. 28—Pin wheels with pin, w't 3½ lbs., each..... .60

O. K. ROTARY.



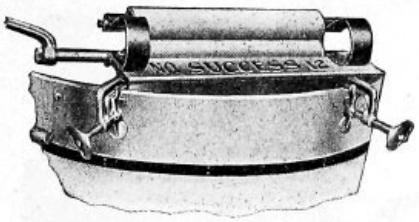
No. 1—Fly wheel, w't 16¼ lbs.....each $2.00
No. 3—Wheel handle, with bolt, w't 4 oz., each..... .40
No. 10—Thumb nuts, w't 1½ oz...each .20
No. 11—Pinion, w't 12 oz..... " .40
No. 12—Post, for old style, w't 17 oz.. " .50
No. 13—Dasher, for old style, w't 2 lbs., each..... .70
No. 213—Dasher with pins, for new style, w't 2¼ lbs.....each .80
No. 202—Frame, w't 6¼ lbs.....each 1.50
No. 204—Double gear, w't 2¼ lbs... " 1.20

BOSS.



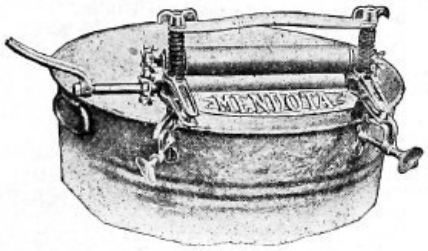
No. 1—Crank shaft, for No. 1, w't 2¾ lbs.....each $0.70
No. 3—Bracket, w't 1 lb..... " .40
No. 46—Fly wheel, w't 8 lbs..... " 1.50

WRINGERS.



No. S12—Success, 10x1¾ in. rolls, warranted for one year, malleable iron frame, steel springs, malleable iron apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 160 lbs.....per dozen $

ONE-QUARTER DOZEN IN A CASE.

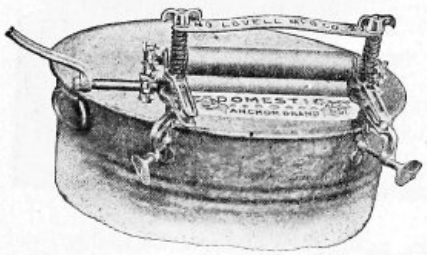


No. M130—Mendota, 10x1¾ in. rolls, warranted for one year, steel spiral pressure spring, adjustable tension, iron frame, malleable iron apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 240 lbs.....per dozen $

No. M131—Mendota, 11x1¾ in. rolls, otherwise same as No. M130, w't per doz. 260 lbs.....per dozen

No. M132—Mendota, 12x1¾ in. rolls, otherwise same as No. M130, w't per doz. 280 lbs.....per dozen

ONE-QUARTER DOZEN IN A CASE.

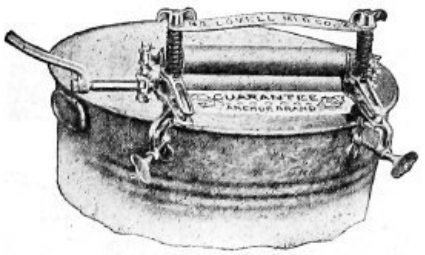


No. D22—Domestic, 10x1¾ in. rolls, warranted for three years, stationary malleable iron apron, malleable iron frame, adjustable clamps, for either wood or galvanized tubs, w't per doz. 240 lbs.....per dozen $

No. D23—Domestic, 11x1¾ in. rolls, otherwise same as No. D22, w't per doz. 260 lbs.....per dozen

No. D24—Domestic, 12x1¾ in. rolls, otherwise same as No. D22, w't per doz. 280 lbs.....per dozen

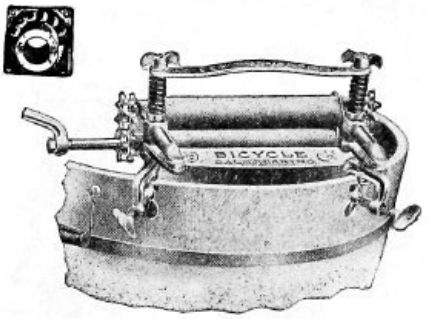
ONE-QUARTER DOZEN IN A CASE.



No. G22—Guarantee, 10x1¾ in. finest quality rolls, warranted for five years, iron frame, steel spiral pressure springs, adjustable tension, malleable iron apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 240 lbs..per dozen $

No. G23—Guarantee, 11x1¾ in. rolls, otherwise same as No. G22, w't per doz. 260 lbs.....per dozen

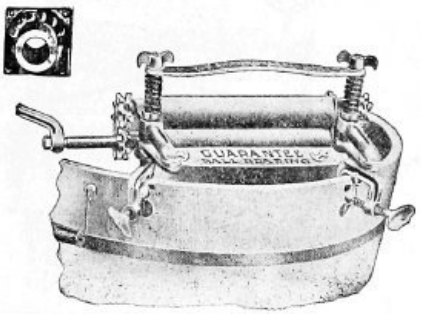
ONE-QUARTER DOZEN IN A CASE.



No. B122—Bicycle, 10x1¾ in. rolls, warranted for three years, iron frame, *steel ball bearing*, steel spiral pressure springs, adjustable tension, malleable iron apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 240 lbs..per dozen $

No. B123—Bicycle, 11x1¾ in. rolls, otherwise same as No. B122, w't per doz. 260 lbs.....per dozen

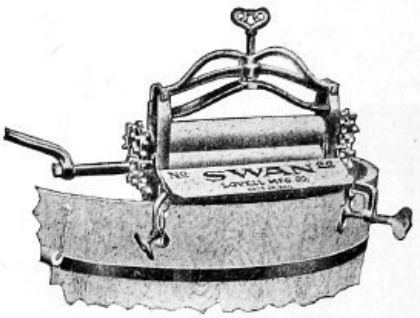
ONE-QUARTER DOZEN IN A CASE.



No. G122—Guarantee, 10x1¾ in. finest quality rubber rolls, warranted for five years, iron frame, *steel ball bearing*, steel spiral pressure springs, adjustable tension, malleable iron apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 240 lbs.. ....per dozen $

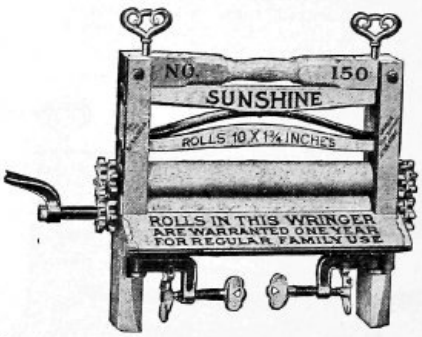
No. G123—Guarantee, 11x1¾ in. rolls, otherwise the same as No. G122, w't per doz. 260 lbs.....per dozen

ONE-QUARTER DOZEN IN A CASE.



No. S22—Swan, 10x1¾ in., extra high grade rolls, warranted for three years, malleable iron frame, folding apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 240 lbs.....per dozen $

ONE-QUARTER DOZEN IN A CASE.

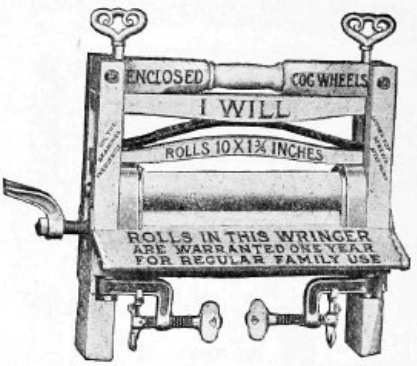


No. S150—Sunshine, 10x1¾ in. rolls, warranted for one year, steel spring, wood frame, large folding apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 250 lbs.....per dozen $

No. S350—Sunshine, 11x1¾ in. rolls, otherwise same as No. S150, w't per doz. 265 lbs.....per dozen

No. S450—Sunshine, 12x1¾ in. rolls, otherwise same as No. S150, w't per doz. 300 lbs.....per dozen

ONE-QUARTER DOZEN IN A CASE.

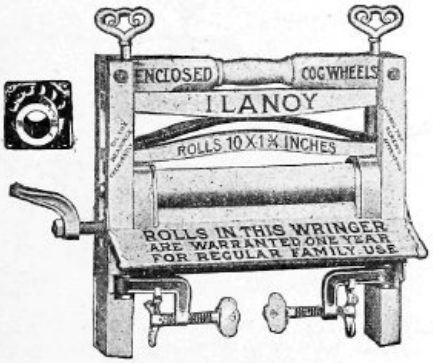


No. W260—"I Will," 10x1¾ in. rolls, warranted for one year, encased cog wheels, folding apron, large wood frame, steel spring, adjustable clamps, for either wood or galvanized tubs, w't per doz. 265 lbs..per dozen $

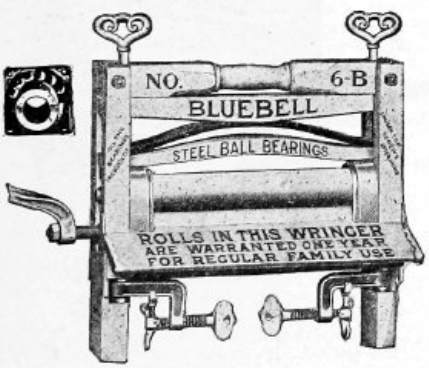
The new construction allows the use of ½ in. extra width of rolls, prevents children from getting their fingers pinched in the cogs, and keeps the water from the bearings as well as the oil from the clothes.

ONE-QUARTER DOZEN IN A CASE.

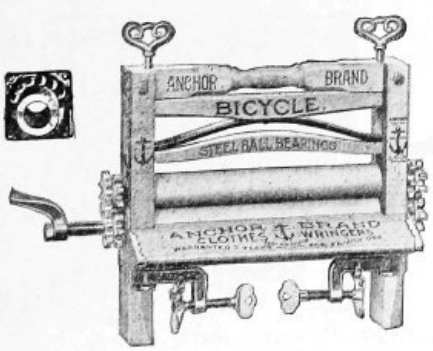
WRINGERS.



No. 80—I L-A-NOY, 10x1¾ in. rolls, warranted for one year, *steel ball bearing*, encased cog wheels, folding apron, large wood frame, steel spring, adjustable clamps, for either wood or galvanized tubs, w't per doz. 265 lbs. .....per dozen $



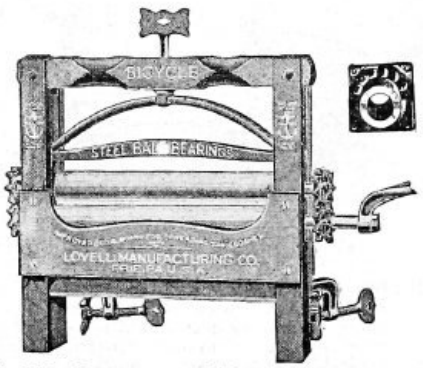
No. B6—BLUEBELL, 10x1¾ in. rolls, warranted for one year, *steel ball bearing*, encased cog wheels, large wood frame, wood spring bars painted blue, steel spring, folding apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 265 lbs., per dozen..... $



No. B110—BICYCLE, 10x1¾ in. rolls, warranted for three years, *steel ball bearing*, folding apron, adjustable clamps, for either galvanized or wood tubs, w't per doz. 250 lbs., per dozen $

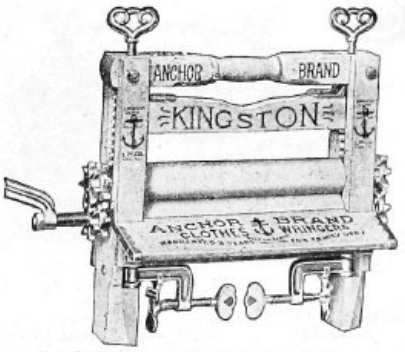
No. B111—BICYCLE, 11x1¾ in. rolls, otherwise same as No. B110, w't per doz. 265 lbs.....per dozen

ONE-QUARTER DOZEN IN A CASE.



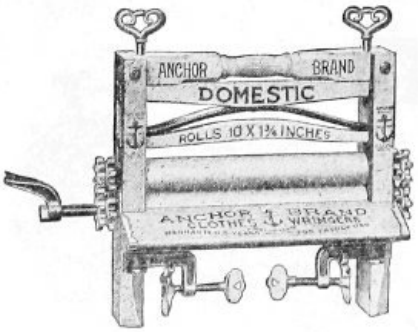
No. 350—BICYCLE, 10x1¾ in. rolls, warranted, for three years, *steel ball bearing*, single pressure screw, wood frame, galvanized steel spring, adjustable clamps, for either wood or galvanized tubs, w't per doz. 265 lbs., per dozen..... $

No. 351—BICYCLE, 11x1¾ in. rolls, otherwise same as No. 350, w't per doz. 300 lbs.....per dozen



No. 310—KINGSTON, 10x1¾ in. rolls, warranted three years, *steel spiral springs*, wood frame, folding apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 250 lbs.....per dozen $

No. 311—KINGSTON, 11x1¾ in. rolls, otherwise same as No. 310, w't per doz. 265 lbs.....per dozen

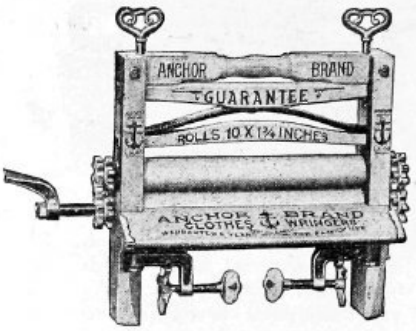


No. D110—DOMESTIC, 10x1¾ in. rolls, warranted three years, wood frame, steel spring, folding apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 250 lbs., per dozen..... $

No. D111—DOMESTIC, 11x1¾ in. rolls, otherwise same as No. D110, w't per doz. 265 lbs.....per dozen

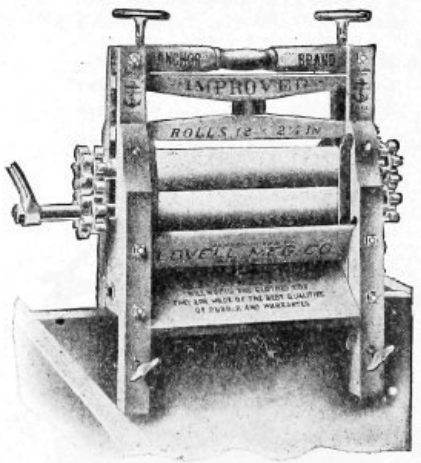
No. D112—DOMESTIC, 12x1¾ in. rolls, otherwise same as No. D110, w't per doz. 300 lbs.....per dozen

ONE-QUARTER DOZEN IN A CASE.



No. G110—GUARANTEE, 10x1¾ in. finest quality rolls, guaranteed for five years, wood frame, steel spring, folding apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 250 lbs.....per dozen $

No. G111—GUARANTEE, 11x1¾ in. rolls, otherwise same as No. G110, w't per doz. 265 lbs.....per dozen



No. F4—IMPROVED, 12x2 in. fine quality white rubber rolls, clamps open 2⅛ in., for stationary tubs, w't per doz. 432 lbs.....per dozen $

No. F6—IMPROVED, 12x2¼ in. rolls, otherwise same as No. F4, w't per doz. 504 lbs.....per dozen

No. F8—IMPROVED, 14x2¼ in. rolls, otherwise same as No. F4, w't per doz. 600 lbs.....per dozen

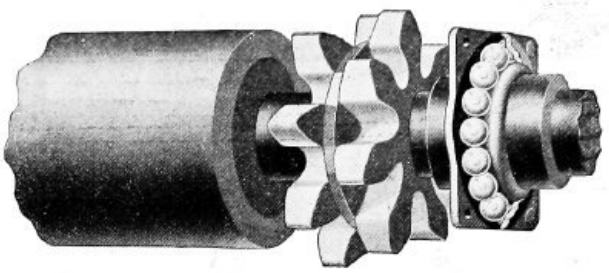
Particularly for use in hotels and small laundries.

ONE-QUARTER DOZEN IN A CASE.

GUARANTEED BALL BEARING WRINGERS.

On this and the following page we illustrate several patterns of Wringers, under the brands "Our Very Best" and "Rev-o-noc." The rolls in "Our Very Best" wringers are guaranteed for five years; those in the "Rev-o-noc" are guaranteed for three years, otherwise they are identical.

These wringers embody two very important improvements, namely, the "Enclosed Cog Wheels" and "Ball Bearings" but in connection with these are a number of other points which contribute to their superiority.



Frame—This is made of seasoned hard wood, in the simplest manner, carefully joined and bolted; all of the working parts encased leaving nothing to be desired in the appearance and convenience of the wringer. It is carefully varnished, painted, and well finished in every detail.

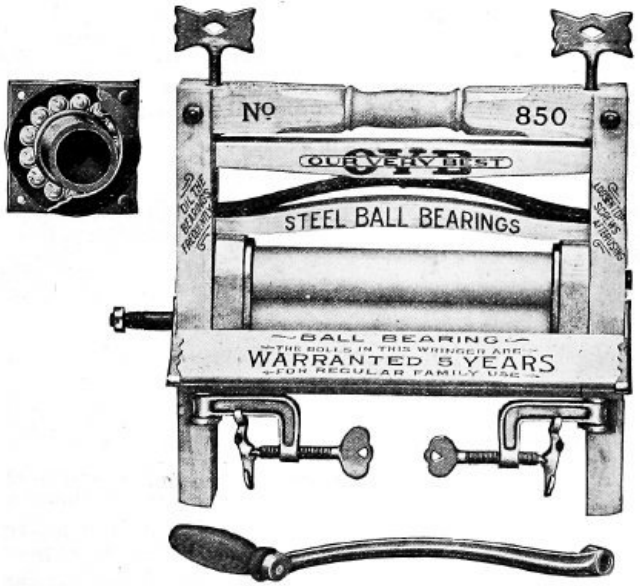
Rolls—These are of exceptional quality and *will last the term of years for which they are guaranteed*, if used for family washing. The "Our Very Best" are made from the best solid white rubber, the same quality from outside of cover to shaft, are soft and have the proper elasticity to do good wringing. The rolls of the "Rev-o-noc" are second only to the "Our Very Best."

COVERED GEARING—This is a very important improvement,—there is no danger of clothing catching in the cogs. The appearance is vastly improved. The spring is longer, removing the strain on the rollers when rolls are separated, and the danger of children getting their fingers crushed is entirely removed.

BALL BEARINGS—These are located on the outside of the Cog Wheels, and therefore removed a considerable distance from the rolls, so that no water can reach them from wringing of clothes. The ball race is so constructed that should any water reach the bearings, it will drain out immediately, avoiding rust. The bearings can be oiled without any danger of the oil reaching the rolls. The balls are solid steel of uniform size. The bearings are of large size and reduce friction to a minimum; and "Our Very Best" or "Rev-o-noc" wringer can be operated with one half the effort of an ordinary wringer.

OTHER POINTS—Everything about these wringers is high grade and made for use. The thumb screws are large and easy to handle. The spring is made of the best quality of steel, adapted for the purpose. The clamps are extra strong, easy to apply, and are made to be attached to wood or galvanized tubs, either round or square.

"OUR VERY BEST."

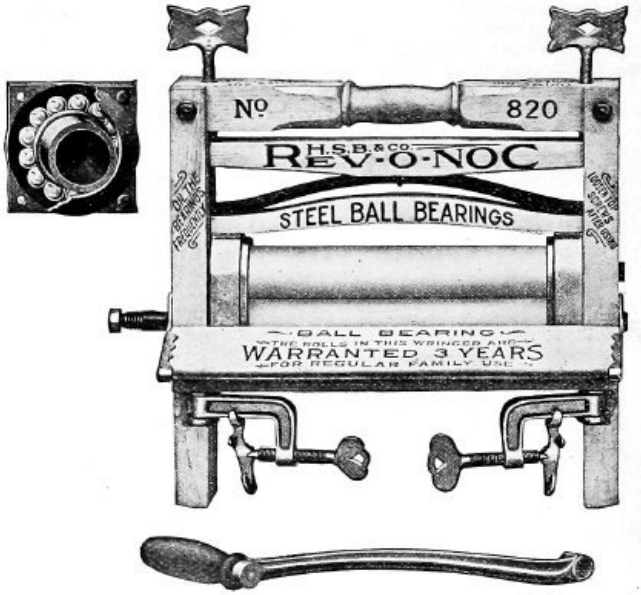


No. 850—"Our Very Best," 10×1¾ in. finest quality rolls, *warranted for five years*, encased cog wheels, *with ball bearings*, large frame, folding apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 196 lbs.....per dozen $75.00

No. 851—"Our Very Best," 11×1¾ in. finest quality rolls, *warranted for five years*, otherwise same as No. 850, w't per doz. 220 lbs.....per dozen 83.00

ONE-QUARTER DOZEN IN A CASE.

"REV-O-NOC."



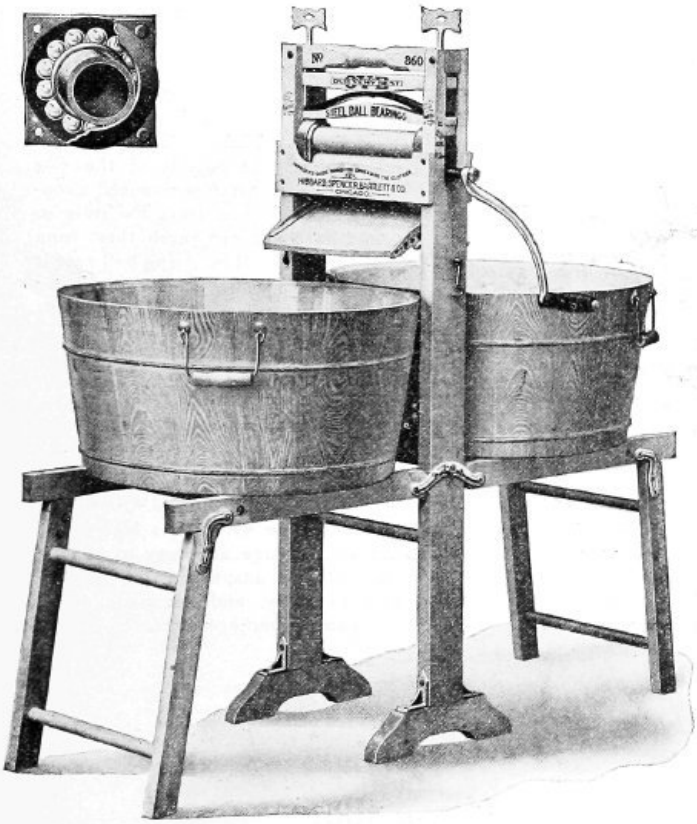
No. 820—"Rev-o-noc," 10×1¾ in. rolls, *warranted for three years, ball bearings*, encased cog wheels and bearings, large frame, folding apron, adjustable clamps, for either wood or galvanized tubs, w't per doz. 196 lbs.....per dozen $66.00

No. 821—"Rev-o-noc," 11×1¾ in. rolls, *warranted for three years*, otherwise same as No. 820, w't per doz. 220 lbs.....per dozen 73.00

ONE-QUARTER DOZEN IN A CASE.

GUARANTEED BALL BEARING BENCH WRINGERS.

"OUR VERY BEST."



No. 860—"OUR VERY BEST," 10×1¾ in. finest quality rolls, *warranted for five years, ball bearings*, encased cog wheels, large frame, steel spring, improved guide board, extra wide oscillating drip board, conducts water into either tub, folding bench, w't per dozen, 576 lbs.....per dozen $ 99.00

No. 861—"OUR VERY BEST," 11×1¾ in. finest quality rolls, *warranted for five years*, otherwise same as No. 860, w't per dozen, 612 lbs.....per dozen 107.00

ONE IN A CASE.

"REV-O-NOC."

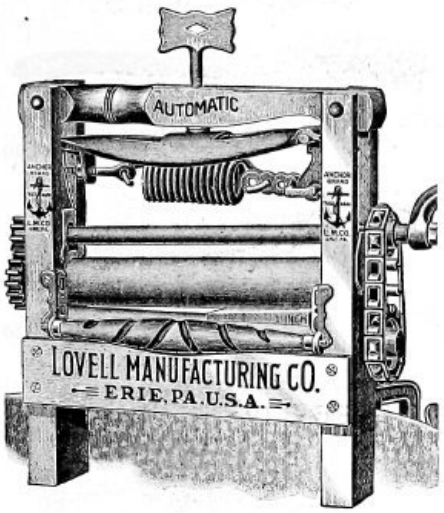
No. 830—"REV-O-NOC," 10×1¾ in. rolls, *warranted for three years, ball bearings*, encased cog wheels, large frame, steel spring, improved guide board, extra wide oscillating drip board, conducts water into either tub, folding bench, w't per dozen, 576 lbs.....per dozen $90.00

No. 831—"REV-O-NOC," 11×1¾ in. rolls, *warranted for three years*, otherwise same as No. 830, w't per dozen, 612 lbs....per dozen 97.00

ONE IN A CASE.

WRINGERS AND MANGLES.

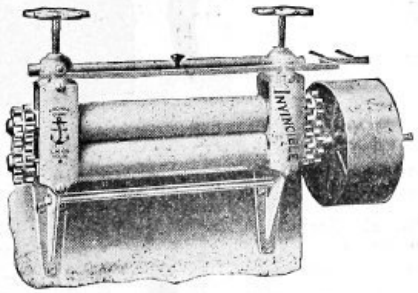
WRINGERS.



No. A110—AUTOMATIC, 10x1¾ in., extra high grade rolls, warranted five years, hardwood frame, sprocket chain with gear arrangement, automatic adjustment, w't per doz. 260 lbs.. .....per dozen $

The adjustment equalizes the roll pressure as shown in illustration, thus wringing equally dry the thick and thin portions of the garment. The sprocket chain with gear attachment gives more purchase power than in ordinary wringers, and thus makes the wringer turn with very little labor.

ONE-QUARTER DOZEN IN A CASE.



For Power.

No. 33—INVINCIBLE, 17x3¼ in. rubber rolls, heavy galvanized iron frame, steel spiral springs, equipped with 12x2½ in. pulley and belt shifter, w't 85 lbs.★.....each $

No. 34—INVINCIBLE, 20x3¼ in. rolls, otherwise same as No. 33 ★....each

No. 35—INVINCIBLE, 24x3¼ in. rolls, otherwise same as No. 33 ★....each

No. 36—INVINCIBLE, 30x3¼ in. rolls, otherwise same as No. 33 ★....each

No. 37—INVINCIBLE, 36x3¼ in. rolls, otherwise same as No. 33 ★...each

Especially adapted for use in laundries, hosiery mills, packing houses, binderies, etc. The rolls can be reversed so as to place pulleys at either end. A crank is furnished with each wringer for hand power.

★ *FOR FACTORY SHIPMENT ONLY.*

BENCH WRINGERS.

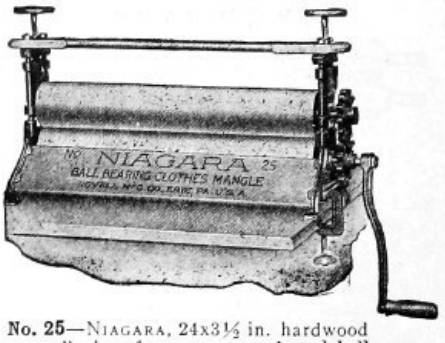
No. S5—SUNSHINE, 10x1¾ in. rolls, warranted for one year, steel spring, improved guide board, oscillating drip board, folding bench, w't per doz. 500 lbs.....per dozen $

ONE IN A CRATE.

No. B16—BLUEBELL, 10x1¾ in rolls, warranted for one year, *steel ball bearing*, encased cog wheels, large frame, steel spring, improved guide board, oscillating drip board, folding bench, w't per doz 600 lbs.....per dozen $

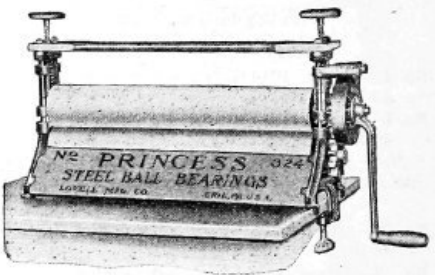
ONE IN A CRATE.

MANGLES.



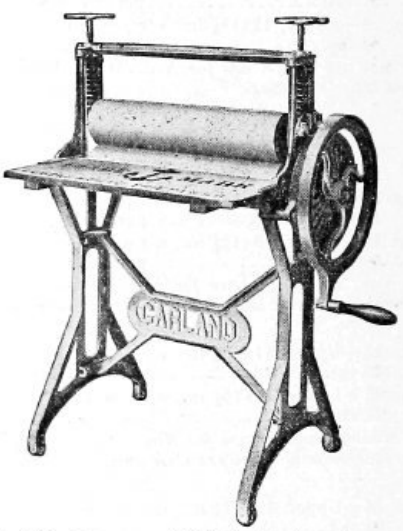
No. 25—NIAGARA, 24x3½ in. hardwood rolls, iron frame, tempered *steel ball bearing*, screw clamps, w't 55 lbs., per dozen..... $112.00

ONE IN A CASE.



No. 324—PRINCESS, 24x3½ in., selected hardwood rolls, thoroughly seasoned, *purchase gear*, iron frame, can be clamped on ordinary table, w't 72 lbs.....per dozen $136.00

ONE IN A CASE.



No. G3—GARLAND, 24x5¼ in. hardwood rolls, malleable iron frame, easy turning gear purchase arrangement, mounted on casters, w't 240 lbs., per dozen..... $504.00

Especially adapted for hotels, restaurants and laundry uses.

A mangle can be used for ironing everything that does not have buttons and that is not starched. It not only saves about one-third the time and labor but preserves the clothes, especially linens, as there is no possible chance of the fibre being destroyed with the hot iron. The clothes can be taken from the line, run through the mangle and put away. Bed linen, towels, etc., run through the mangle retain all the freshness that they get by hanging in the open air.

ONE IN A CRATE.

WRINGER ROLLS AND CRANKS, CLAMPS, ETC.

WRINGER ROLLS.

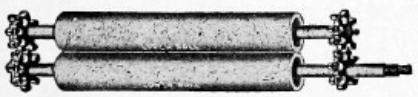
Friction, for Iron Frame.

Warranted for One Year.

No. 1—Upper, 10x1¾ in., w't per doz. 36 lbs.....per dozen $

No. 2—Lower, 10x1¾ in., w't per doz. 40 lbs.....per dozen

Nos. 1 and 2 are for No. S12 Success.



With Cog for Iron Frame.

Warranted for One Year.

No. 4—Upper, 10x1¾ in., w't per doz. 42 lbs.....per dozen $

No. 5—Lower, 10x1¾ in., w't per doz. 46 lbs.....per dozen

Nos. 4 and 5 are for Nos. M130 Mendota, S22 Swan, D22 Domestic and G22 Guarantee.

No. 07—Upper, 11x1¾ in., w't per doz. 44 lbs.....per dozen $

No. 7—Lower, 11x1¾ in., w't per doz. 48 lbs.....per dozen

Nos. 07 and 7 are for Nos. M131 Mendota, D23 Domestic and G23 Guarantee.

No. 08—Upper, 12x1¾ in., w't per doz. 51 lbs.....per dozen $

No. 8—Lower, 12x1¾ in., w't per doz. 54 lbs.....per dozen

Nos. 08 and 8 are for Nos. M132 Mendota and D24 Domestic.

With Cog, for Wood Frame.

Warranted for One Year.

No. 11—Upper, 10x1¾ in., w't per doz. 42 lbs.....per dozen $

No. 15—Lower, 10x1¾ in., w't per doz. 46 lbs.....per dozen

Nos. 11 and 15 are for Nos. S5 and S150 Sunshine, D110 Domestic and G110 Guarantee.

No. 13—Upper, 11x1¾ in., w't per doz. 44 lbs.....per dozen $

No. 17—Lower, 11x1¾ in., w't per doz. 48 lbs.....per dozen

Nos. 13 and 17 are for Nos. S350 Sunshine, D111 Domestic and G111 Guarantee.

No. 14—Upper, 12x1¾ in., w't per doz. 51 lbs.....per dozen $

No. 18—Lower, 12x1¾ in., w't per doz. 54 lbs.....per dozen

Nos. 14 and 18 are for Nos. S450 Sunshine and D112 Domestic.

No. 21—Upper, 10x1¾ in., w't per doz. 42 lbs.....per dozen $

No. 22—Lower, 10x1¾ in., w't per doz. 46 lbs.....per dozen

Nos. 21 and 22 are for No. 310 Kingston.

No. 31—Upper, 11x1¾ in., w't per doz. 44 lbs.....per dozen $

No. 32—Lower, 11x1¾ in., w't per doz. 48 lbs.....per dozen

Nos. 31 and 33 are for No. 311 Kingston.

WRINGER ROLLS.

With Cog, for Wood Frame.

Warranted for One Year.

No. 12—Upper, 10x1¾ in., w't per doz. 42 lbs.....per dozen $

No. 16—Lower, 10x1¾ in., w't per doz. 46 lbs.....per dozen

Nos. 12 and 16 are for Nos. 80 Il-a-noy, 260 I Will, B6 and B16 Bluebell, 820 and 830 Rev-o-noc and 850 and 860 O. V. B

No. 41—Upper, 11x1¾ in., w't per doz. 44 lbs.....per dozen $

No. 42—Lower, 11x1¾ in., w't per doz. 48 lbs.....per dozen

Nos. 41 and 42 are for Nos. 821 and 831 Rev-o-noc, and 851 and 861 O. V. B.

Warranted for Three Years.

No. 51—Upper, 10x1¾ in., w't per doz. 42 lbs.....per dozen $

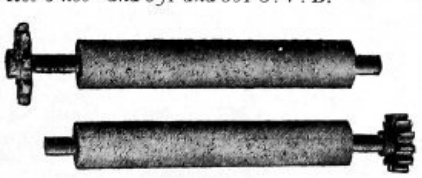
No. 52—Lower, 10x1¾ in., w't per doz. 46 lbs.....per dozen

Nos. 51 and 52 are for Nos. 820 and 830 "Rev-o-noc" and 850 and 860 O. V. B.

No. 61—Upper, 11x1¾ in., w't per doz. 44 lbs.....per dozen $

No. 62—Lower, 11x1¾ in., w't per doz. 48 lbs.....per dozen

Nos. 61 and 62 are for Nos. 821 and 831 "Rev-o-noc" and 851 and 861 O. V. B.



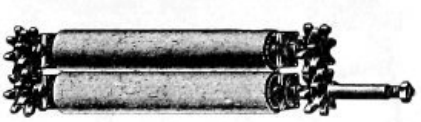
With Cog for Automatic.

Warranted for Three Years.

No 119—Upper, 10x1¾ in., single cog wheel, w't per doz. 42 lbs..per dozen $

No. 120—Lower, 10x1¾ in., with gear for chain, w't per doz. 42 lbs., per dozen.....

Nos. 119 and 120 are for No. 110 Automatic.



Cog Wheels with Ball Bearing, for Wood or Iron Frame.

Warranted for One Year.

No. 9—Upper, 10x1¾ in., w't per doz. 48 lbs.....per dozen $

No. 10—Lower, 10x1¾ in., w't per doz. 52 lbs.....per dozen

Nos. 9 and 10 are for Nos. B110, B122 and B350 Bicycle, and G122 Guarantee.

No. 125—Upper, 11x1¾ in., w't per doz. 50 lbs.....per dozen $

No. 126—Lower, 11x1¾ in., w't per doz. 54 lbs.....per dozen

Nos. 125 and 126 are for Nos. B111, B123 and 351 Bicycle and G123 Guarantee.

WRINGER CRANKS.

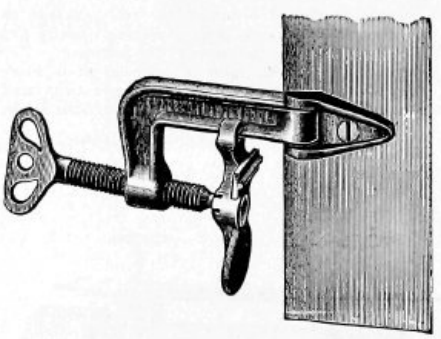
No. 0—Will fit all wringers illustrated except the Improved, w't per doz. 8½ lbs.....per dozen $6.50

No. 1—Will fit Empress only, w't per doz. 14 lbs.....per dozen $7.50

PRESSURE SCREWS.

No. 25—Will fit all wringers, w't per doz. 3 lbs.....per dozen $2.50

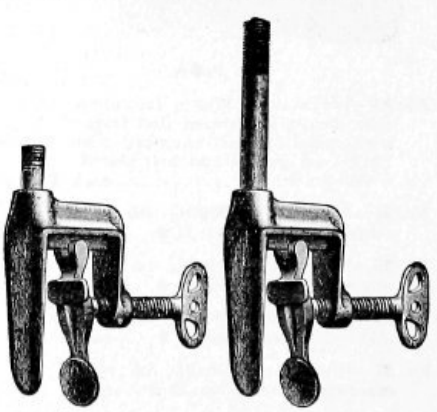
WRINGER CLAMPS.



For Wood Frame.

No. 20—For side opposite crank, per dozen..... $3.75

No. 21—For side next to crank, per dozen 3.75



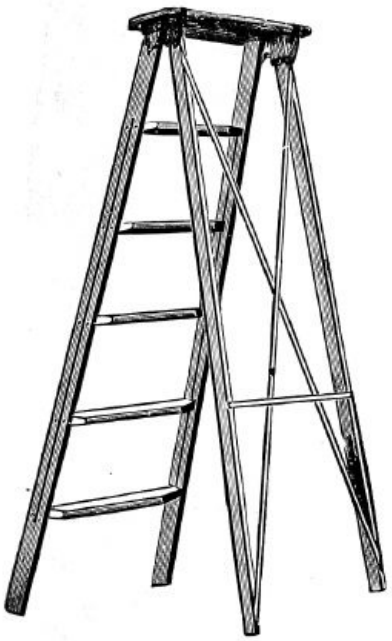
No. 220. No. 230.

No. 220—For iron frame Success, per dozen..... $3.75

No. 230—For iron frame Guarantee. Bicycle, Mendota and Domestic, per dozen..... 5.00

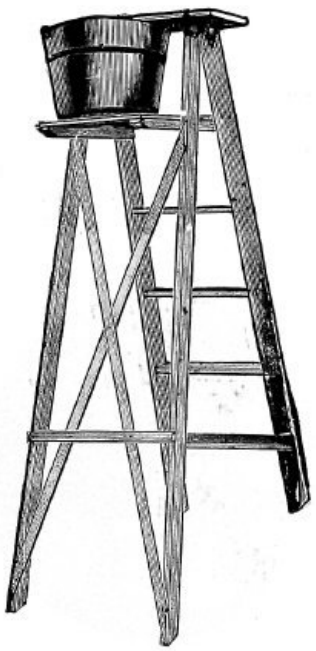
LADDERS.

STEP.



STANDARD.

Length	3	4	5	6	7	8 ft.
Weight	10	12	15	18	21	24 lbs.
Each	$0.60	.80	1.00	1.20	1.40	1.60



STANDARD, with Shelf.

Length	4	5	6	7	8 ft.
Weight	13	16	19	22	25 lbs.
Each	$1.00	1.20	1.40	1.60	1.80

STEP.

I X L IMPROVED, Extra Well Braced.

Length	5	6	7 ft.
Weight	16½	19½	22 lbs.
Each	$2.25	2.75	3.00
Length	**8**	**10**	**12 ft.**
Weight	24½	35	43 lbs.
Each	$3.50	4.50	5.00

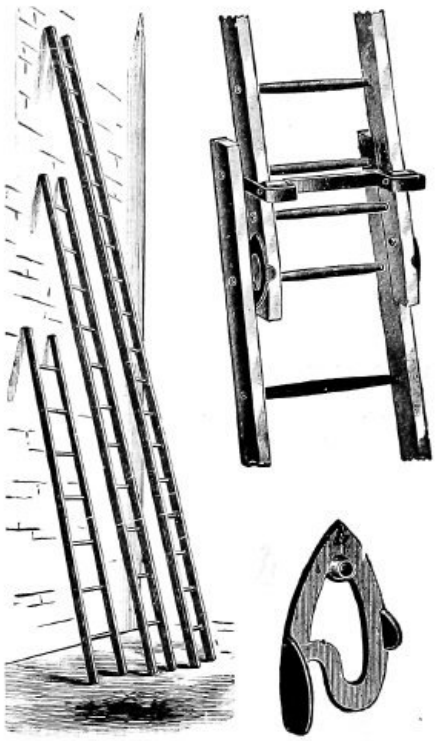
Made from selected and extra heavy stock, extra strong and very durable, malleable iron brackets and leg hinges, anchor irons under each step to prevent spreading, patent truss braces on back of steps, corner irons over end of each leg brace, new spreading brace to hold the legs.

STERLING, with Shelf, Extra Well Braced, Iron Truss Rod Under Each Step Running from Side to Side and Over a Truss Block.

Length	5	6	7	8	10	12 ft.
Weight	16	18	24	28	36	43 lbs.
Each	$2.75	3.30	3.85	4.40	5.50	6.60

This is an excellent ladder in every respect. Has wide steps, heavy sides and legs, and is well finished throughout. Has an absolute support for step, which positively holds sides as in a vise.

COMMON AND EXTENSION.



Common. Extension.

COMMON.

Length	10	12	14	16	18	20 ft.
Weight	25	30	35	40	45	50 lbs.
Each	$2.00	2.40	2.80	3.20	3.60	4.00

These ladders are well made of good material, the term common being used to designate the style of ladder and does not refer to the quality.

2 Section EXTENSION.

LENGTH, FEET.	LENGTH OF SECTIONS, FEET.	WEIGHT, POUNDS.	EACH.
20	8 and 12	60	$ 5.00
22	10 and 12	66	5.50
24	10 and 14	72	6.00
26	12 and 14	78	6.50
28	12 and 16	84	7.00
30	14 and 16	90	7.50
32	14 and 18	92	8.00
34	16 and 18	102	8.50
36	16 and 20	108	9.00
★38	18 and 20	114	9.50
★40	18 and 22	120	12.00
★42	20 and 22	147	12.60
★44	20 and 24	154	13.20
★46	22 and 24	161	13.80
★48	22 and 26	168	14.40

Additional charge for ladders shorter than 50 feet in three sections, $1.40 each.

3 Section EXTENSION.

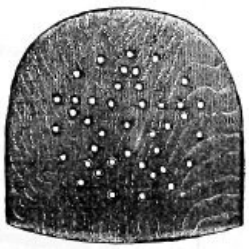
LENGTH, FEET.	LENGTH OF SECTIONS, FEET	WEIGHT, POUNDS.	EACH.
★50	24 and 26	175	$14.50
★52	14, 18 and 20	185	15.00
★54	16, 18 and 20	190	15.50
★56	16, 18 and 22	205	16.00
★58	16, 20 and 22	210	16.50
★60	18, 20 and 22	215	17.00

Fifty feet and longer furnished in three sections only.

★*FOR FACTORY SHIPMENT ONLY.*

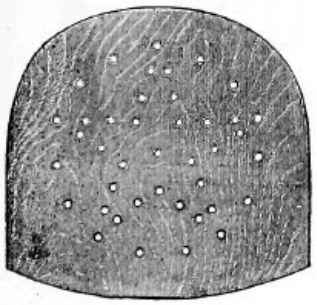
CHAIR SEATS.

WOOD.



No. 10—Child's high, 12 in. veneer, birch top, oil finished, w't per doz. 5 lbs. ..... per dozen $1.44

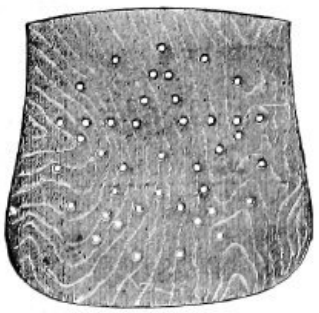
THREE HUNDRED IN A CRATE.



Crown Dining, Veneer, Birch Top, Oil Finished.

No. 80—Inches.	**14**	**15**
W't per doz.	7	8 lbs.
Per dozen	$1.68	1.92

THREE HUNDRED IN A CRATE.



Ball Top, Veneer, Birch Top, Oil Finished.

No. 60—Inches	**14**	**15**	**16**	**18**
W't per doz.	7	8½	9½	12 lbs.
Per dozen	$1.68	1.92	2.16	2.88

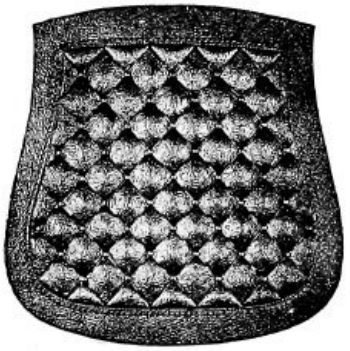
THREE HUNDRED IN A CRATE.

BLACK FIBRE.

Dining, Stamped in Imitation of Leather.

No. 130—Inches	**12**	**13**	**14**	**15**
W't per doz.	5	6	7	8 lbs.
Per dozen	$1.20	1.44	1.68	1.92

ONE DOZEN IN A PACKAGE.



Ball Top, Stamped in Imitation of Leather.

No. 120—Inches	**12**	**13**	**14**
W't per doz.	5	5½	6 lbs.
Per dozen	$1.20	1.44	1.68

No. 120—Inches	**15**	**16**	**18**
W't per doz.	7½	9½	11 lbs.
Per dozen	$1.92	2.16	2.88

ONE DOZEN IN A PACKAGE.

Round, Stamped in Imitation of Leather.

No. 140—Inches	**12**	**13**	**14**
W't per doz.	4	5	6 lbs.
Per dozen	$1.20	1.44	1.68

ONE DOZEN IN A PACKAGE.

DARK TAN FIBRE.

Dining, Stamped in Imitation of Tan Leather.

No. 230—Inches	**12**	**13**	**14**	**15**
W't per doz.	4¼	6	7	8½ lbs.
Per dozen	$1.20	1.44	1.68	1.92

ONE DOZEN IN A PACKAGE.

Ball Top, Stamped in Imitation of Tan Leather.

No. 220—Inches	**12**	**13**	**14**
W't per doz.	4½	6	6¾ lbs.
Per dozen	$1.20	1.44	1.68

No. 220—Inches	**15**	**16**	**18**
W't per doz.	8¼	9¾	11 lbs.
Per dozen	$1.92	2.16	2.88

ONE DOZEN IN A PACKAGE.

Round, Stamped in Imitation of Tan Leather.

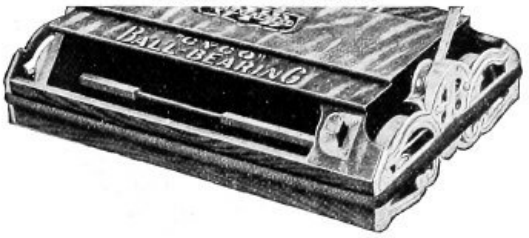
No. 150—Inches	**12**	**13**	**14**
W't per doz.	4	4½	5¼ lbs.
Per dozen	$1.20	1.44	1.68

ONE DOZEN IN A PACKAGE.

OUR VERY BEST CARPET SWEEPERS.

BALL BEARING.

Ball Bearings.



Dust Proof Axle Tube.

Brush Release and Anti-Raveler.

Showing Ball Retainer.

Important as are ball bearings to the ease and comfort of sweeping, this is not the most important feature of these sweepers. They represent the experience of almost a generation in the manufacture of this important line, and embody every important improvement which has stood the test of time. They are absolutely noiseless; they sweep thoroughly, and are extremely attractive in appearance.

The Wood Work is the very best, thoroughly seasoned and beautifully finished in oak or mahogany.

Metal Ends—Each end is protected by a single piece of metal, nickel plated and highly polished, which not only serves as a protection, but secures for the working parts a perfect alignment and freedom from damage.

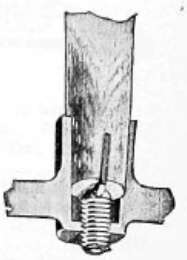
The Brush—The brush can be removed instantly by lifting the spring at either end, and can be as readily replaced. The sweeper has the patent broom action by which additional pressure on the handle will force the brush in closer contact with the floor. It is self-adjusting to all grades of carpet, and no pressure whatever need be put on the handle of the sweeper. A patent device on each end of the brush makes it impossible for ravelings to collect on the axle.

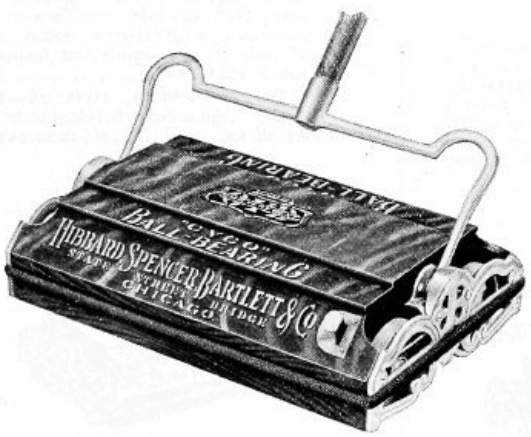
The Dust Pans—The sweeper may be opened on either side instantly by slight pressure on the push knobs.

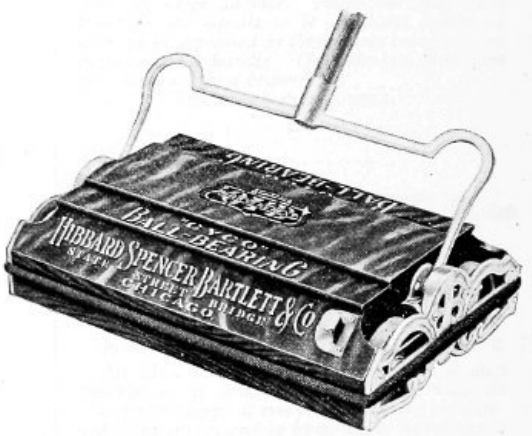
The Handle—The sweeper will work in either direction, and in sweeping the handle can be held in any position and will remain in an upright position. An improved locking device secures the handle to the bail.

Ball Bearings—The four rubber-tired wheels are equipped with ball bearings of the most approved construction, reducing friction to a minimum. Each bearing consists of ten balls separated by a ball retainer and are absolutely uniform in size.

The Wheels—Made of pressed steel, as true as if turned in a lathe. The hubs are milled to an accurate fit. Fitted with soft rubber tires.


Patent Handle Fastener.





No. 24 OVB—9×14½ in., beautifully finished in oak or mahogany; ball bearing; adjustable broom action; patent opening; braided guard; metal ends; full nickel plated trimmings; dust proof axle tubes; anti-raveler; reversible bail spring; patent brush release; w't per doz. 118 lbs., per dozen.. ..... $52.00

HALF DOZEN IN A CASE

No. 26 OVB—Special, 9×14½ in. crotch mahogany box, of improved construction and artistic shape; piano finish, ball bearing, adjustable broom action, patent opening, braided guard, metal ends, full nickel plated trimmings, dust proof axle tubes, anti-raveler, reversible bail spring, patent brush release, w't per doz. 136 lbs.....per dozen $76.00

HALF DOZEN IN A CASE.

In this sweeper we have produced the finest machine in points of mechanism and finish, that has ever been offered on the market.

The case of the "OVB Special" is distinctive and highly artistic. It differs from all other sweepers, in that the case is made in one continuous piece of veneer, with no joints or nail holes appearing. With a new and highly improved brush propelling power, it runs so easily a mere touch propels it.

CARPET SWEEPERS AND BEATERS.

CARPET SWEEPERS.

No. 8—BISSELL'S STANDARD, 9×14 in., adjustable broom action, patent opening, rubber guard, patent spring for holding handle upright when not in use, japanned trimmings, w't per doz. 72 lbs.....per dozen $28.00

No. 10—BISSELL'S UNIVERSAL, 9×14 in., adjustable broom action, patent opening, rubber guard, patent spring for holding handle upright when not in use, cyco bearings, dust proof axle tubes, anti-raveling collector, japanned trimmings, w't per doz. 72 lbs.....per dozen $30.00

No. 12—BISSELL'S UNIVERSAL, 9×14 in., nickel plated trimmings, otherwise same as No. 10.....per dozen 32.00

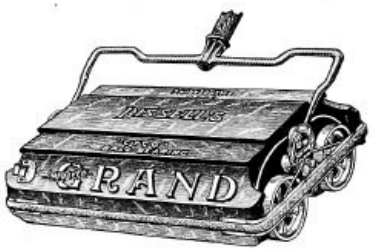
No. 18—AMERICAN QUEEN, 14×9 in., reversible bail spring, cyco bearings, dust proof axle tubes, nickel plated trimmings, beautifully figured mottled mahogany veneer case, piano finish, hand polished, w't per doz. 72 lbs., per dozen..... $35.00

No. 19—ELITE, 14×9 in., reversible bail spring, cyco bearings, dust proof axle tubes, metal handle fastener, anti-raveler brush, nickel plated trimmings, oval case, made in Hungarian ash, curly birch mahoganized and Brazilian rosewood, w't per doz. 90 lbs., per dozen..... $37.00

HALF DOZEN IN A CASE.

CARPET SWEEPERS.

No. 20—PARLOR QUEEN, 14×9 in., cyco bearings, dust proof axle tubes, anti-raveler, reversible bail spring, nickel plated trimmings, imported rosewood case, beautifully figured, highest quality piano finish, w't per doz. 72 lbs., per dozen..... $38.00



No. 21—GRAND, hotel size, 16×10 in., ball bearings, dust proof axle tubes, anti-raveler brush, reversible bail, pressed steel wheels, nickel plated trimmings, quarter sawed oak case, heavy braid furniture protector, w't per doz. 78 lbs.....per dozen $48.00

HALF DOZEN IN A CASE.

SWEEPER BRUSHES.

No. 40—Plain end, standard size, adapted for Nos. 8, 18 and 20, w't per doz. 6 lbs.....per dozen $8.00

No. 45—Anti-raveler end, standard size, adapted for Nos. 15, 17 and 19, w't per doz. 6 lbs.....per dozen 8.00

SWEEPER WHEELS AND TIRES.

No. 46.

No. 47.

No. 46—Wheels complete with 2⅜ in. rubber tires, w't per doz. 3 lbs., per dozen..... $1.80

No. 47—Rubber tires only, w't per doz. ¾ lb.....per dozen 1.20

CARPET BEATERS.

No. 4—Three strands No. 12 galvanized wire, braided, hardwood handle, 1½ in. heavy steel ferrule, length 30 in., w't per doz. 8 lbs.,.....per dozen $2.50

ONE DOZEN IN A BUNDLE.

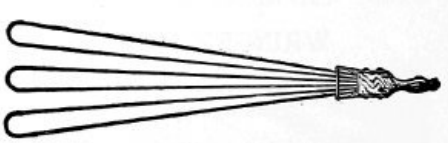
No. 12—12 gauge tinned steel wire, hardwood handle, length 28 in., head 9½×12 in., w't per doz. 6 lbs., per dozen..... $2.00

No. 11—11 gauge tinned steel wire, hardwood handle, length 32 in., head 10×14 in., w't per doz. 7½ lbs., per dozen..... 2.50

No. 10—10 gauge tinned steel wire, hardwood handle, length 35 in., head 10×14 in., w't per doz. 11 lbs., per dozen..... 3.50

This "Cleaner" rug beater has six wires in the beater head and the blow is evenly divided over the large surface. There are only four wires in the handle so it is elastic, while its strength is increased by these wires being twisted directly at the handle. Only the best furniture wire used in these beaters.

ONE DOZEN IN A BUNDLE.



No. 45—3 separate pieces of No. 12 coppered spring steel wire, securely held by strong iron braces, wood handle, length 36 in., w't per doz. 9 lbs..... per dozen $4.00

An ideal carpet whip. It removes the dust quickly, as it strikes a large surface with its strong wire loops at every stroke, doing no damage to the carpet and so hung in the handle as to be perfectly balanced in the hand. Does not strain the wrist of the beater. Impossible to get loose in the handle.

HALF DOZEN IN A BUNDLE.

No. 42—Rattan, three strand, 12×8½ in. blade, twisted rattan handle, wire wrapped in three places, extreme length 33 in., w't per doz. 5½ lbs., per dozen $4.00

ONE DOZEN IN A BUNDLE.

No. 43—Rattan, three strand, 11×10 in. blade, twisted rattan handle, wire core, wire wrapped head, extreme length 32 in., w't per doz. 6 lbs.....per dozen $5.50

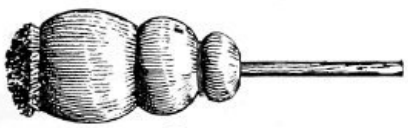
ONE DOZEN IN A BUNDLE.

MOPS, FLOOR SCRAPERS AND WINDOW CLEANERS.

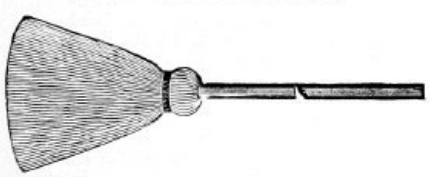
COTTON DISH MOPS.

No. 0—7¼ in. handle, w't per gross 6 lbs., per gross..... $10.00
No. 2—8½ in. handle, w't per gross 12 lbs.....per gross 15.00
ONE DOZEN IN A PACKAGE.

HANDLED MOPS.

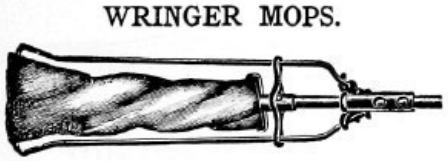


Cotton.
No. 12—12 oz., w't per doz. 22 lbs., per dozen..... $3.25
No. 16—16 oz., w't per doz. 28 lbs., per dozen..... 4.00
No. 18—18 oz., w't per doz. 29 lbs., per dozen..... 4.50
No. 24—24 oz., w't per doz. 19 lbs., per dozen..... 5.50
HALF DOZEN IN A BUNDLE.



Hardwood Floor or Dry Mops.
No. 56—16 oz. fine yarn, w't per doz. 23 lbs.....per dozen $10.00
HALF DOZEN IN A BUNDLE.

WRINGER MOPS.



No. 7—ERIE, self wringing, cotton knit cloth, fastened ready for use, w't per doz. 21 lbs.....per dozen $6.50
No. 50—Extra cloths, knit cotton, cardigan stitch, can be used with any style mop stick, w't per doz. 5 lbs.. per dozen 3.00
ONE DOZEN IN A BUNDLE.

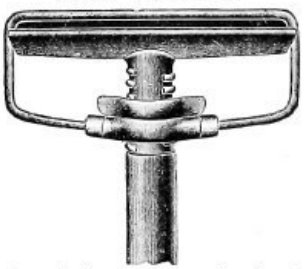
MOP HEADS.

Nos. 19 and 22.

Nos. 32 and 35.

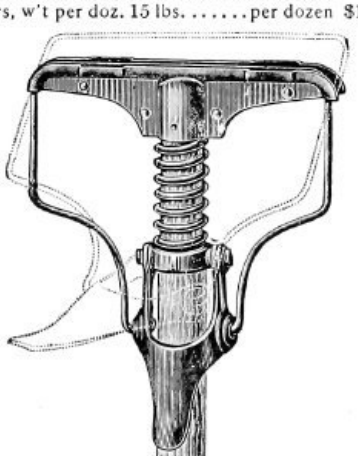
Cotton.
No. 19—W't per doz. 9 lbs.... per dozen $2.50
No. 22—W't per doz. 12 lbs... " 3.00
No. 25—W't per doz. 15 lbs... " 4.00
No. 32—Extra grade cotton yarn, cut ends, w't per doz. 12 lbs.....per dozen 5.25
No. 35—Extra grade cotton yarn, cut ends, w't per doz. 15 lbs.....per dozen 6.50
No. 42—Extra grade cotton thread, w't per doz. 12 lbs.....per dozen 5.00
No. 45—Extra grade cotton thread, w't per doz. 15 lbs.....per dozen 6.00
Nos. 42 and 45 are used for hardwood floors.
ONE DOZEN IN A PACKAGE.

MOP STICKS.

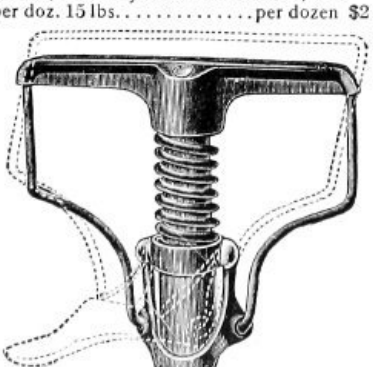


No. 1—CLARK'S, improved mop heads, w't per doz. 15 lbs.....per dozen $1.60

No. 2—DIAMOND, improved brush holders, w't per doz. 15 lbs.....per dozen $1.80



No. 8—Steel, japanned head, stained handle, instantly locked or released, w't per doz. 15 lbs.....per dozen $2.25



No. 4—Heavy copper head, instantly locked or released, w't per doz. 15 lbs., per dozen..... $2.00
No. 10—JANITOR, extra heavy, coppered head, instantly locked or released, 52×1⅛ in. white handle, head 7¼ in., w't per doz. 25 lbs.....per dozen 3.60
ONE DOZEN IN A BUNDLE.

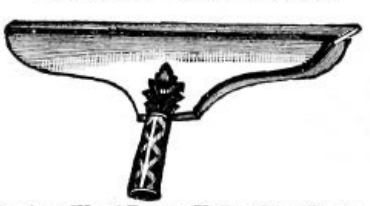
MOP STICKS.

No. 15 — CRESCENT, black enameled, wrought steel head, spring and bale of the finest tempered steel wire, w't per doz. 15 lbs.....per dozen $4.00
This is a new device for holding a scrub brush or mop, which does away with the old back breaking method of scrubbing the floor. When the lever is operated, the brush is held as in a vice. Greater pressure can be used on the brush and consequently better work can be done with this holder than with the old hand method.
The illustration clearly shows the method of using the mop rag.
Brush and cloth not furnished with stick.
ONE DOZEN IN A BUNDLE.

FLOOR SCRAPERS.

3-16 Inch Rubber, Nailed.
No. 12—12 in., w't per doz. 6 lbs., per dozen..... $3.50
No. 16—16 in., w't per doz. 7 lbs., per dozen..... 4.00
1-4 Pure Rubber, Screwed.
No. 140—14 in., w't per doz. 15 lbs., per dozen..... $5.00
No. 160—16 in., w't per doz. 21 lbs., per dozen..... 5.50
ONE DOZEN IN A BUNDLE.

WINDOW CLEANERS.



Peerless, Wood Frame, Hollow Iron Handle, Inserted Rubber.

Nos.	212	214	216
Length.	12	14	16 in.
W't per doz.	6½	7½	8½ lbs.
Per dozen	$5.40	6.00	7.50

Xlcr Galvanized Steel Frame, Hollow Japanned Handle, Pure Rubber.

Nos.	310	312	314	316
Length.	10	12	14	16 in.
W't per doz	5	5½	6	6½ lbs.
Per dozen	$4.80	5.40	6.00	7.50

ONE DOZEN IN A BOX.

SCRUB BRUSHES.

No. 49—6×2½ in., solid back, 5 rows white tampico, w't per doz. 4 lbs., per dozen $1.00

No. 50—8½ in., solid back, 4 rows white tampico, w't per doz. 4 lbs...per dozen $1.00

Double End, Solid Back, White Tampico.

No. 52—10 in., 4 rows, w't per doz. 5½ lbs., per dozen $1.65

No. 53—11 in., 5 rows, w't per doz. 7 lbs., per dozen 2.00

No. 54—11½ in., 5 rows, w't per doz. 7 lbs.....per dozen 2.25

No. 55—12 in., 6 rows, w't per doz. 8 lbs., per dozen 2.50

Double End, with Handle, Solid Back, White Tampico.

No. 053—11 in., 5 rows, w't per doz. 7 lbs., per dozen $2.25

No. 054—11½ in., 5 rows, w't per doz. 8 lbs.....per dozen 2.50

No. 055—12 in., 6 rows, w't per doz. 9 lbs., per dozen 3.00

CRUSO, Round Edge Solid Back, Double End, Polished, Selected White Tampico.

No. 1—8½ in., 5 rows, w't per doz. 5 lbs., per dozen $2.00

No. 5—9½ in., 7 rows, w't per doz. 6 lbs., per dozen 2.75

No. 7—10½ in., 8 rows, w't per doz. 7 lbs.....per dozen 3.50

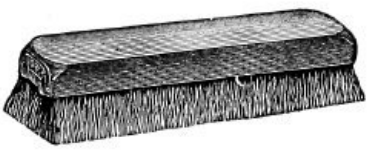
Double End, Solid Back, Rice Root.

No. 65—9½ in., 4 rows, without handle, w't per doz. 6½ lbs.....per dozen $2.25

No. 065—9½ in., 4 rows, handled, w't per doz. 6½ lbs.....per dozen 2.50

No. 67—10½ in., 5 rows, without handle, w't per doz. 6 lbs.....per dozen 2.75

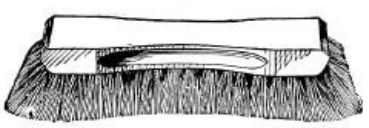
No. 067—10½ in., 5 rows, handled, w't per doz. 6 lbs.....per dozen 3.00



Rice Root, Stapled.

No. 70—9 in., 2 rows, w't per doz. 4½ lbs., per dozen $1.10

No. 72—9 in., 3 rows, w't per doz. 5½ lbs., per dozen 1.50

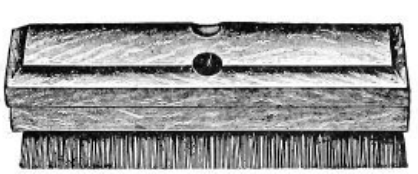


No. 81—8½×2¾ in., solid back, India fibre, 5 rows, w't per doz. 6½ lbs., per dozen..... $1.75

Spoke, 8×2¾ in., solid back, genuine palmetto fibre, 5 rows, w't per doz. 7½ lbs. .....per dozen $3.50

DECK OR JANITOR SCRUB.

No. 85—10½×2¾ in., solid back, gray tampico, 5 rows, without handle, w't per doz. 15 lbs.....per dozen $4.00



No. 86—JUMBO, 12×3 in., double thick solid back, 7 rows palmetto fibre, without handle, w't per doz. 21 lbs..per dozen $6.50

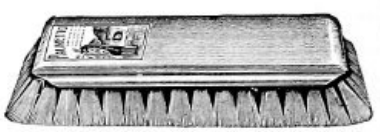
Solid Back, India Fibre, Five Rows.

No. 103—6×2⅝ in., w't per doz. 4 lbs., per dozen $1.70

No. 104—8¼×2⅝ in., w't per doz. 6 lbs., per dozen 2.25

No. 109—10×2⅝ in., w't per doz. 7½ lbs., per dozen 2.75

These brushes are imitation Drake, Swan and Crocodile.



Solid Back, Genuine Palmetto Fibre, Five Rows.

Drake, 6×2⅝ in., w't per doz. 4½ lbs., per dozen $2.50

Swan, 8×2⅝ in., w't per doz. 7 lbs., per dozen 3.50

Crocodile, 10×2⅝ in., w't per doz. 7½ lbs., per dozen 4.00

CRUSO Self-Seller Assortment.

No. 0—CRUSO, consisting of 25 scrub brushes; 3 each of Nos. 50, 52, 53, 54, 65, 103, 104, 81 and one No. 55, in display box, w't per assortment 20 lbs., per assortment..... $4.00

Retail prices on cover label.

BRUSHES.

MILK CAN.

No. 25—7×3 in. fall plain solid back, palmetto fibre, w't per doz. 5 lbs., per dozen..... $2.50

ONE DOZEN IN A BOX.

Jersey—9×5 in. face, "Ox Fibre," polished solid back, w't per doz. 8½ lbs., per dozen..... $6.00

ONE DOZEN IN A BOX.

CUSPIDOR.

No. 0—Length 11 in., diam. 2 in., stiff bristles, w't per doz. 4 lbs....per dozen $2.00

ONE DOZEN IN A BOX.

NAIL.

No. 90—4 in., solid back, 3 rows white tampico.....per dozen $0.65

ONE DOZEN IN A PACKAGE.

No. 91—4¾ in., 6 rows selected white tampico, oval end, varnished solid back, per dozen..... $1.25

ONE DOZEN IN A BOX.

No. 21—Curved, 4½ in. solid polished back, 4 rows gray fibre.....per dozen $1.25

ONE DOZEN IN A BOX.

KITCHEN OR VEGETABLE.

No. 92—Vegetable, 4½ in., solid back, 4 rows white tampico, w't per doz. 2 lbs.....per dozen $0.70

ONE DOZEN IN A PACKAGE.

No. 93—Vegetable, 4½ in., solid back with handle, 4 rows white tampico, w't per doz. 3 lbs.....per dozen $0.80

ONE DOZEN IN A PACKAGE.

SINK.

No. 40—2¾ in., bassine fibre bristles, wire drawn, tin bound, enameled wood handle, length 8 in., w't per doz. 1¾ lbs., per dozen..... $0.90

Can be boiled to clean.

ONE DOZEN IN A BOX.

No. 41—3¼ in., tempered steel wire bristles, wire bound, enameled wood handle, length 7 in., w't per doz. 2 lbs., per dozen $1.75

For cleaning pots, kettles, pans, etc., and will scrape grease spots from floor. It is also useful for cleaning sinks.

ONE DOZEN IN A BOX

No. 10—Length 7¾ in., 2 in. square face, white tampico bristles, w't per doz. 2 lbs.....per dozen $1.25

No. 11—Length 11¼ in., 2½ in. square face, palmetto fibre, varnished handle, w't per doz. 4 lbs.....per dozen 1.75

ONE DOZEN IN A BOX.

HEATHER.

No. 99—10 in., w't per doz. 1½ lbs., per dozen..... $0.75

For cleaning sinks, pots, kettles, etc.

WATER CLOSET.

No. 0—Gray tampico, straight handle, length 30 in., w't per doz. 6½ lbs., per dozen..... $5.50

No. 1—Gray bristles, straight handle, length 30 in., w't per doz. 7 lbs., per dozen..... 6.50

No. 3—Gray bristles, curved handle, length 28 in., w't per doz. 6 lbs., per dozen..... 8.00

STOVE.

Straight, Flat Face Pattern.

No. 335—9½ in. plain solid back, white tampico center, gray outside, w't per doz. 5 lbs.....per dozen $1.75

No. 337—11 in. plain solid back, black handle, black tampico, w't per doz. 8 lbs.....per dozen 2.75

HALF DOZEN IN A PACKAGE.

Curved End Pattern.

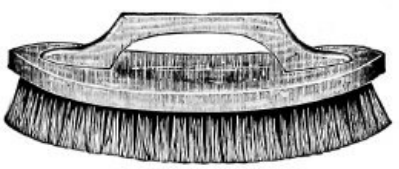
No. 341—10½ in. stained cherry solid back, black fibre, w't per doz. 5 lbs., per dozen..... $2.25

No. 342—12 in. stained cherry solid back, gray fibre, w't per doz. 7 lbs. per dozen 3.00

No. 343—12 in. stained cherry solid back, selected gray fibre, w't per doz. 6 lbs., per dozen..... 3.25

No. 344—12 in. varnished solid back, all bristles, w't per doz. 6 lbs....per dozen 4.25

HALF DOZEN IN A PACKAGE.



Curve or Rocker Pattern.

No. 333—10 in. curved solid back, all black fibre, w't per doz. 7 lbs. per dozen $2.50

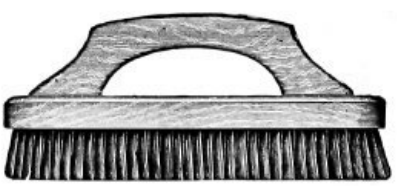
ONE DOZEN IN A PACKAGE.

Rocker Pattern.

No. 334—10 in. curved solid back, 6 rows soft gray fibre, w't 7 lbs. per dozen $3.00

ONE DOZEN IN A PACKAGE.

SHOP STOVE.



No. 346—Luster shop, 10×2¼ in., straight, heavy varnished back, 8 rows 1¼ in. extra stiff black Canton bristles, specially adapted for shop use, w't per doz. 12 lbs.....per dozen $24.00

ONE IN A BOX.

POLISHING MITTS.

No. 331—Sheep skin palm, waterproof cloth back, all right hand..per single doz. $2.25

BRUSHES.

FLOOR.

All Gray Fibre Wire Drawn, Natural Finish Reversible Block, Screw Handle. For Rough Use.

Nos.	012	014	016	024	030
Back	12	14	16	24	30 in.
Per dozen	$10.00	11.50	13.00	32.00	48.00

The above brushes vary in weight from 24 to 52 lbs. per dozen according to size.

ONE IN A BOX.

All Black Stock Cement Set, Stained and Polished Reversible Block, Screw Handle.

Nos.	112	114	116
Back	12	14	16 in.
Per dozen	$14.00	16.00	18.00

The above brushes vary in weight from 24 to 28 lbs. per dozen according to size.

ONE IN A BOX.

Extra Stiff Mule Hair, Wire Drawn, Stained and Polished Reversible Block, Screw Handle. Can Be Used Wet or with Oil.

Nos.	212	214	216
Back	12	14	16 in.
Per dozen	$17.00	19.00	21.00

ONE IN A BOX.

All Bristles, Black Center, White Outside, Pitch Set, Natural Finish Hardwood Reversible Block, Screw Handle, to Be Used Dry Only.

Nos.	312	314	316
Back	12	14	16 in.
Per dozen	$24.00	30.00	36.00

The above brushes vary in weight from 26 to 32 lbs. per dozen according to size. For polished floors, No. 312 particularly for domestic use.

ONE IN A BOX.

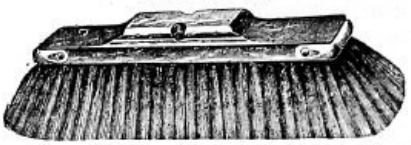
FLOOR.

Russ-Gray Bristles, Pitch Set, Polished Hardwood Reversible Block, Screw Handle. For Janitors' Use. Must Not Be Used with Oil or Wet.

Nos.	414	416	418	420
Back	14	16	18	20 in.
Per dozen	$46.00	52.00	58.00	64.00

The above brushes vary in weight from 28 to 35 lbs. per dozen according to size.

ONE IN A BOX.



Russ-Gray Bristles, Pitch Set, Stained Cherry Reversible Block with Rubber Corners. For Janitor and Public Building Use. Must Not Be Used with Oil.

Nos.	614	616	618	620
Back	14	16	18	20 in.
Per dozen	$60.00	70.00	80.00	90.00

The above brushes vary in weight from 38 to 40 lbs. per dozen according to size.

ONE IN A BOX.

RUBBER EDGE CAR WASHERS.

No. 250—3½ in. mixed, Russian bristles, 6 in. diameter, hardwood block, rubber edge, w't per doz. 18 lbs.....per dozen $30.00

No. 300—3½ in. all extra Russian bristles, otherwise same as No. 250, w't per doz. 20 lbs.....per dozen 40.00

ONE IN A BOX.

ROUND WINDOW.

No. 40—Pope's Eye, black bristles pitch set, w't per doz. 7 lbs.....per dozen $7.00

HALF DOZEN IN A BOX.

"OUR VERY BEST"

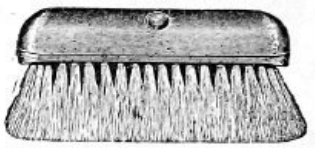
No. 30 OMB—4¼ in. round, polished, hardwood block, solid black hair wire drawn, w't per doz. 13 lbs., per dozen.....$12.00

ONE IN A BOX.

WINDOW BRUSH POLES.

Length	6	8	10	12 ft.
W't per doz.	12	15	20	31 lbs.
Per dozen	$1.00	1.40	1.70	2.00

OBLONG WINDOW.

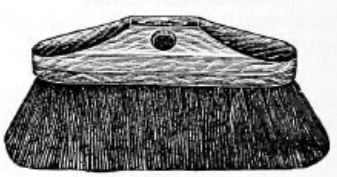


No. 10—2½×8½ in., plain block, 7 rows gray fibre, wire drawn, w't per doz. 9 lbs.....per dozen $4.00

HALF DOZEN IN A BOX.

No. 20—2½×8½ in., cherry stained block, 7 rows black hair, wire drawn, w't per doz. 9 lbs.....per dozen $7.00

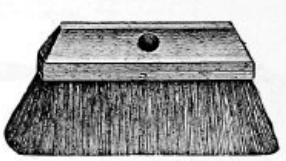
HALF DOZEN IN A BOX.



No. 22—2½×8 in., hardwood, round end block, 2½ in. thick, black hair, wire drawn, w't per doz. 11 lbs.....per dozen $8.50

A splendid fifty cent brush.

ONE IN A BOX.



No. 50—Cruso, 2½×7 in., stained varnished reversible block, 8 rows stiff black hair, wire drawn, w't per doz. 12 lbs.....per dozen $10.00

No. 55—2½×7 in., stained varnished reversible block, 8 rows Russian bristles, wire drawn, w't per doz. 12 lbs., per dozen..... 14.00

ONE IN A BOX.

No. 60—2¾×8½ in., natural finish block, 3¼ in. Russian gray bristles wire drawn, w't per doz. 12 lbs., per dozen $20.00

No. 66—2¾×9 in., natural finish block, 3¼ in. Russian gray bristles wire drawn, w't per doz. 14 lbs., per dozen 25.00

ONE IN A BOX.

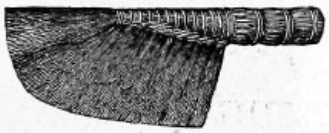
SPIDER WINDOW OR COBWEB.

No. 1—11 in. over all, 7 in. block, gray bristles, w't per doz. 6 lbs...per dozen $8.50

HALF DOZEN IN A BOX.

BRUSHES AND DUSTERS.

COUNTER BRUSHES.



Broom Corn, for Bench and Counter Use.

No. 00—Length 14¼ in.....per dozen $5.00

ONE DOZEN IN A BOX.

No. 0—HANDY, 6 in. polished back, soft bristles.....per dozen $5.00

For domestic use.

HALF DOZEN IN A BOX.

No. 1—8 in., oval polished back, all black fibre, wire drawn.....per dozen $4.25

A good stiff brush.

No. 2—8 in., oval polished back, thick black fibre center hair outside, wire drawn.....per dozen $5.00

For rough use.

No. 3—9 in., oval polished back, all black bristles, pitch set.....per dozen $6.00

A full soft brush for domestic, factory and foundry use.

HALF DOZEN IN A BOX.

Round Polished Block and Handle, Wire Drawn, Thick Set Black Hair.

Nos.	7	8	9
Block	7	8	9 in.
Per dozen	$6.00	7.00	8.00

Can be used where oil would loosen pitch set brush. For shop use.

HALF DOZEN IN A BOX.

Five Rows Good Bristles, Pitch Set, Black Center, White Outside, Polished Stained Oval Block and Handle.

Nos.	11	12	13
Block	8	9	10 in.
Per dozen	$7.50	10.00	13.00

HALF DOZEN IN A BOX.

No. 23—9 in. polished back, pitch set bristles, gray center, black outside, per dozen.....$10.00

Counter brushes vary in weight from 5 to 7 lbs. per dozen according to size.

HALF DOZEN IN A BOX.

RADIATOR BRUSHES.

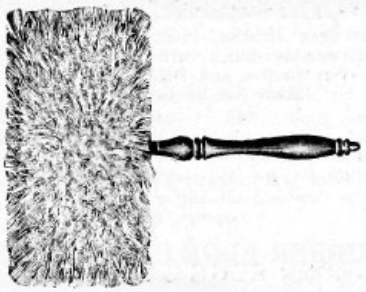
No. 16—2 in., black stiff bristles held in twisted wire, enameled handle, length 20 in., w't per doz. 6 lbs....per dozen $4.75

A practical radiator brush. Useful also for cleaning out all nooks and corners.

ONE DOZEN IN A BOX.

No. 17—One 6 in. row black hair, long wood handle, w't per doz. 4 lbs., per dozen $5.00

WOOL WALL DUSTERS.



Wire Frame, with Both Short and Long Handles.

No. 101—White wool, 10 in. wide, w't per doz. 12 lbs.....per dozen $15.00

No. 102—Tan wool, 12 in. wide, w't per doz. 15 lbs.....per dozen 19.50

ONE IN A BOX.

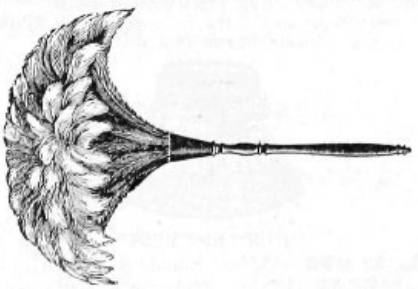
Colored Wool, Enameled Handle.

Nos	000	00	0	2	4
Wool	6	7	8	9	10 in.
Handle	7	8	10	12	15 in.
Per dozen	$2.40	3.60	7.20	12.00	15.60

These dusters vary in weight from 2 to 7 lbs. per dozen according to size.

ONE DOZEN IN A BOX.

OSTRICH FEATHER DUSTERS.



Selected Ostrich Feather, Enameled Handle.

Nos.	210	214	218	222
Feathers	10	14	18	22 in.
Per dozen	$11.00	27.00	52.00	60.00

The above dusters vary in weight from 5 to 9 lbs per dozen according to size.

ONE IN A PAPER SACK.

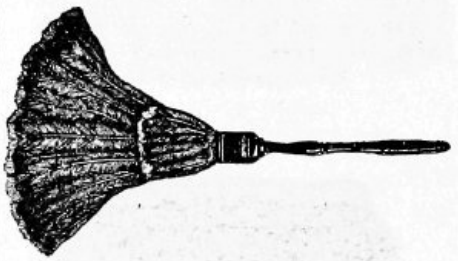
FEATHER DUSTERS.

STANDARD, Ninety Feathers, No Pointers, Enameled Screw Handle.

Nos.	010	012	014
Feathers	10	12	14 in.
Per dozen	$4.00	6.00	8.00

A good competition duster.

ONE IN A PAPER SACK.

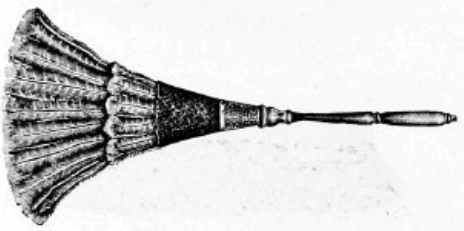


EXTRA, One Hundred Tail and Wing Feathers, No Pointers, Enameled Screw Handle.

Nos.	12	14	16
Feathers	12	14	16 in.
Per dozen	$8.00	10.00	13.00

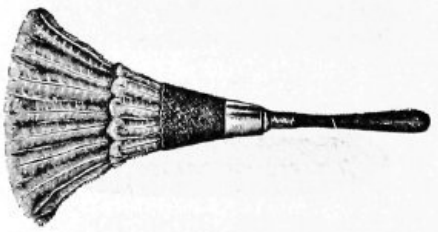
The above dusters vary in weight from 4 to 7 lbs. per dozen according to size.

ONE IN A SEALED BAG.



SELECT, One Hundred and Twenty Selected Wide Tail and Wing Feathers, Tapered Leatheret Cuff.

Nos.	140	160	180
Feathers	14	16	18 in.
Per dozen	$13.00	16.00	19.00



AJAX JANITOR, One Hundred and Fifty Wide Select Wing and Tail Feathers, Screw Handle, Tapered Head and Cuff, Nickeled Ferrule.

Nos.	114	116	118
Feathers	14	16	18 in.
Per dozen	$18.00	20.00	22.00

The above dusters vary in weight from 8 to 11 lbs. per dozen according to size.

HALF DOZEN IN A BOX.

BRUSHES.

CREAM SEPARATOR.

No. ½—$\frac{3}{32}\times 6$ in., spiral brass wire tube cleaner, ("Sharples,") - - - - - per dozen $1.00
No. 1—$\frac{1}{8}\times 6$ in., spiral brass wire tube cleaner, ("De Laval," "Empire," "U. S.,") - per dozen 1.00

No. 2—$\frac{3}{8}\times 1\frac{1}{2}$ in., cylinder fibre tube brush, $5\frac{1}{2}$ in. over all, twisted wire handle, ("U. S. Improved,") per dozen $0.40
No. 3—$\frac{7}{16}\times 1\frac{1}{2}$ in., cylinder fibre tube brush, $5\frac{1}{2}$ in. over all, twisted wire handle, ("U. S. Old,") - per dozen .40
No. 4—$\frac{5}{8}\times 1\frac{1}{2}$ in., cylinder fibre tube brush, 7 in. over all, twisted wire handle, ("Sharples," "No. Western,") per dozen. - - - - - - - - - .40
No. 5—$\frac{1}{2}\times 2\frac{3}{4}$ in., cylinder fibre tube brush, $9\frac{1}{2}$ in. over all, twisted wire handle, ("De Laval,") per dozen .50
No. 6—$\frac{5}{8}\times 2\frac{1}{4}$ in., cylinder fibre feed tube brush, $2\frac{1}{2}$ in. over all, twisted wire handle, ("Sharples,") per dozen .50
No. 6½—$\frac{3}{8}\times 1\frac{1}{2}$ in., cylinder fibre tube brush, 7 in over all, twisted wire handle, ("Dairy Q,") per dozen .40
No. 6¾—$\frac{3}{4}\times 1\frac{3}{4}$ in., flat fibre disc brush, 9 in. over all, twisted wire handle, ("Dairy Q,") - per dozen .80

No. 7—$1\frac{3}{4}\times 3\frac{1}{4}$ in., cylinder fibre spout brush, 14 in. over all, twisted wire handle, ("U. S.,") - per dozen $1.00
No. 7½—$\frac{3}{4}\times 3$ in. cylinder fibre spout brush, 12 in. over all, twisted wire handle, ("Dairy Q,") - per dozen 1.00
No. 8—$2\frac{1}{2}\times 3$ in., cylinder fibre spout brush, with wings, 12 in. over all twisted wire handle, ("De Laval," per dozen, - - - - - - - - - - 1.05
No. 9—$1\times 3\frac{1}{2}$ in., cylinder fibre spout brush, 12 in. over all, twisted wire handle, ("Sharples,") - per dozen 1.00
No. 10—$\frac{7}{8}\times 3$ in., cylinder fibre spout brush, 15 in. over all, twisted wire handle, ("Davis,") - per dozen 1.00
No. 10½—$1\frac{1}{4}\times 4$ in., cylinder fibre spout brush, 11 in. over all, twisted wire handle. ("Empire,") - per dozen 1.00
No. 11½—2×4 in., cylinder fibre spout brush, 14 in. over all, twisted wire handle, ("Omega," "National," "Iowa,") - - - - - - - per dozen 1.00
No. 19—$\frac{3}{4}\times 2\frac{1}{4}$ in., cylinder fibre test milk bottle brush, 10 in. over all, twisted wire handle, - per dozen .55
No. 20—$1\frac{1}{8}\times 2\frac{1}{4}$ in., cylinder fibre test cream bottle brush, 10 in. over all, twisted wire handle, - per dozen .55

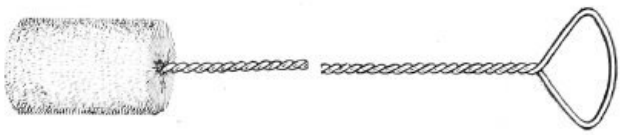
We have indicated in parenthises the machine for which the different brushes were designed; this does not however restrict their use to these exclusively, as they may be equally adapted to others similarly constructed.

SILVER CLEANING.

No. 24—Soft white bristles, maple back, w't per doz. $1\frac{3}{4}$ lbs., - - - - - - - per dozen $6.00

HALF DOZEN IN A BOX.

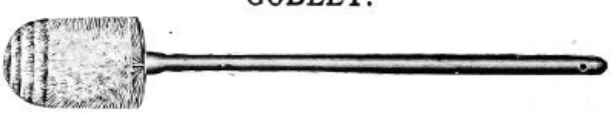
CREAM SEPARATOR BOWL.



No. 12—$2\frac{1}{2}\times 4$ in., cylinder fibre bowl brush, 24 in., heavy twisted wire handle, ("Sharples,") - per dozen $2.00
No. 13—$2\frac{1}{2}\times 4$ in., cylinder Palmetto, heavy twisted wire handle, ("Sharples,") - - - - per dozen 2.70

No. 14—3×5 in., light fibre bowl brush, wire set, 14 in. over all, wood handle, (all makes,) - - per dozen $2.30
No. 15—3×5 in., black fibre bowl brush, 14 in. over all, wood handle, (all makes,) - - - per dozen 4.75
No. 16—3×5 in., heavy fibre bowl brush, 14 in. over all, wood handle, (all makes,) - - - per dozen 5.60
No. 16½—3×5 in., palmetto fibre bowl brush, 14 in. over all, wood handle, (all makes,) - - per dozen 3.75
No. 16¾—3×5 in., tampico bowl brush, 15 in. over all, heavy twisted wire handle, (all makes,) - per dozen 1.70

GOBLET.



No. C—Gray bristles, white wood handle, w't per doz. 2 lbs., per dozen, - - - - - - - - $2.50
No. 1—White bristles, varnished handle, w't per doz. 2 lbs. per dozen, - - - - - - - - 4.00
No. 3—Gray bristles, large size, white wood handle, w't per doz. 3 lbs., - - - - - per dozen 6.00

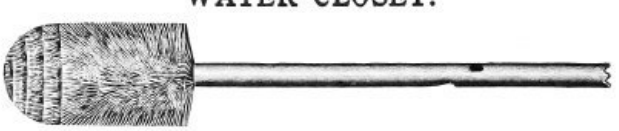
ONE DOZEN IN A BOX.

MILK BOTTLE.

No. 36—Gray bristles, white wood handle, w't per doz. 3 lbs. per dozen, - - - - - - - - $4.50

ONE DOZEN IN A BOX.

WATER CLOSET.



No. 0—Gray tampico, straight handle, length 30 in., w't per doz. 7 lbs., - - - - - - per dozen $5.50
No. 1—Gray bristles, straight handle, length 30 in., w't per doz. 7 lbs., - - - - - - - per dozen 6.50
No. 3—Gray bristles, curved handle, length 30 in., w't per doz. 6 lbs., - - - - - - - per dozen 8.00

SHOE DRESSINGS.

No. 8.

No. 20.

No. 30.

No. 8—Liquid dressing, for ladies' and children's fine black shoes, applied with sponge on cork, dries bright, 4 oz. bottles, - - - - - - - - per dozen $1.00

No. 10—Liquid friction polish, for men's and ladies' fine black shoes, box calf, enamel, etc., requires rubbing with brush or cloth, 4 oz. bottles, - - - per dozen 1.00

No. 20—Russet, 2 oz. bottle of cleaner and small box of paste polish, - - - - - - per dozen 1.50

No. 30—Black, 2 oz. bottle of cleaner and small box of paste polish, for box calf, enamel etc., - - per dozen 1.50

ONE DOZEN IN A BOX.

No. 40.

No. 50.

No. 40—Shoe Cream, (paste,) ¼ lb. opal glass jars, metal screw top, in carton, for all black leathers, cleans, oils and polishes, applied with brush and rubbed, per dozen $4.00

(The gentleman's package.) Avoid freezing.

No. 50—Paste cleaner, applied with sponge, 2¼x⅞ in. boxes for white canvas and leather, - - per dozen 1.00

ONE DOZEN IN A BOX.

Nos. 250 and 350.

Nos. 75 and 77.

No. 250—Paste for russet, 2x¾ in. boxes, - per dozen $0.50

No. 350—Paste for box calf, enamel, vici etc., 2x¾ in. boxes, per dozen, - - - - - - - - - - .50

No. 75—BESTOLA Cream, (paste,) 2 oz. boxes, a preparation that is a cleaner, blackener, preservative and polish, all in one, for all black leathers, applied with dauber, brushed and rubbed with cloth, - - per dozen 1.50

No. 77—BESTOLA Cream, (paste,) ¼ lb. boxes, otherwise same as No. 75, - - - - per dozen 2.50

Freezing injures the composition of Bestola.

ONE DOZEN IN A BOX.

BLACKING.

No. 5.

Nos. 00 and 1.

No. 5—CHALLENGE, 2¾x⅝ in. boxes, Mason's original, per dozen, - - - - - - - - - $0.75

No. 00—FRENCH, 2x⅞ in. boxes, - - per dozen 1.25

No. 1—FRENCH, 2½x1 in. boxes, - - per dozen 2.50

ONE DOZEN IN A PACKAGE.

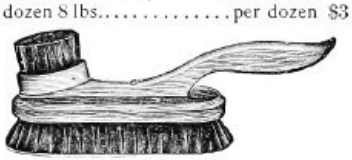
BRUSHES AND WHISK BROOMS.

SHOE BRUSHES.

No. 702—6½ in. varnished block, 5 rows mixed black fibre, w't per doz. 5½ lbs., per dozen..... $2.00

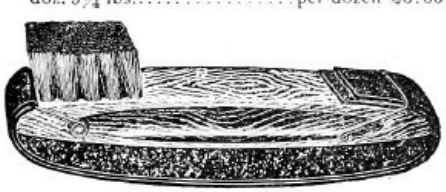
No. 705—7 in. varnished block, 6 rows mixed black fibre, w't per doz. 7 lbs., per dozen..... 2.75

No. 709—7½ in. stained and varnished beveled block, 6 rows all black, thick set fine fibre inside, hair outside, w't per dozen 8 lbs.....per dozen $3.00



No. 711—8 in. stained and varnished beveled block, 6 rows thick set all black hair, w't per doz. 8 lbs.....per dozen $4.25

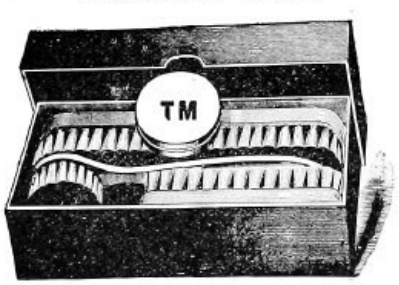
No. 719—7¾ in., heavy oval back, natural finish block, 7 rows thick set black hair center, white hair outside, w't per doz. 9¼ lbs.....per dozen $6.00



No. 509—8×2¼ in., varnished back, removable double felt polishing cloth, spring wire clamp, 1½ in. felt cushion, black hair dauber, w't per doz. 5½ lbs., per dozen..... $3.75

HALF DOZEN IN A BOX.

BLACKING SETS.



No. 742—3 pieces, 6½ in. natural finish polisher, black bristles, 6½ in. separate dauber, box of blacking, w't per doz. sets 9 lbs.....per dozen sets $ 6.00

No. 745—4 pieces, 7½ in. natural finish polisher, black bristles, 6 in. mud brush, 6 in. dauber, box of blacking, w't per doz. sets 15 lbs. .....per dozen sets 12.00

SHOE POLISHERS.

No. 501—7×2 in., polished solid hardwood back, 5 rows all black hair, w't per doz. 3½ lbs.....per dozen $3.50

No. 503—7¾×2½ in., polished natural finish solid hardwood back, 7 rows thick set all black hair, w't per doz. 5 lbs.....per dozen 5.00

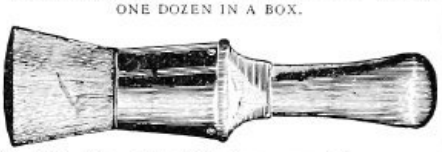
No. 507—9×2¾ in., polished solid dark oak back, 8 rows thick set all black hair, w't per doz. 8 lbs.....per dozen 9.00

HALF DOZEN IN A BOX.

DAUBERS.

No. 602—Black bristles, 7½ in., plain wood handle, w't per doz. 1½ lbs., per dozen..... $1.00

ONE DOZEN IN A BOX.



No. 604—5 in., stencil dauber, gray hair, black enameled handle, w't per doz. 1½ lbs.....per dozen $1.50

ONE DOZEN IN A BOX.

No. 608—Coppered malleable iron, with mud hook, 5½ in. handle, black bristles, w't per doz. 2 lbs.....per dozen $1.60

ONE DOZEN IN A BOX.

No. 610—Long black bristles, tinned iron head, 6 in. oval handle with mud hook, w't per doz. 3 lbs.....per dozen $3.50

ONE DOZEN IN A BOX.

CLOTH BRUSHES.

No. 410—2⅛×8¼ in., solid block, stained and polished, all black, fibre centre, hair outside, w't per doz. 5 lbs., per dozen..... $2.75

No. 415—2⅛×4¼ in., solid block, stained and polished, black fibre centre, white hair outside, w't per doz. 6 lbs., per dozen..... 4.25

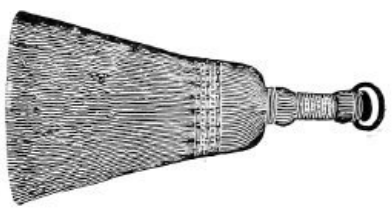
No. 420—2⅛×8½ in., solid oval block, stained and polished, all hair, black centre, alternate black and white tufts outside, w't per doz. 6¼ lbs., per dozen 5.25

HALF DOZEN IN A BOX.

WHISK BROOMS.

No. 10—10 in., 2 seams, black enameled handle, w't per doz. 3 lbs. ....per dozen $2.00

ONE DOZEN IN A BUNDLE.



No. 11—11 in., 3 seams, hurl handle, w't per doz. 4¼ lbs.....per dozen $2.75

No. 20—11 in., 3 seams, hurl handle, selected stock, w't per doz. 4½ lbs., per dozen..... 4.00

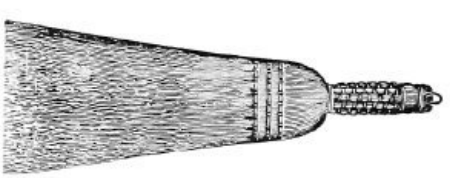
No. 24—12 in., 3 seams, hurl handle, selected stock, w't per doz. 5 lbs., per dozen..... 5.50

ONE DOZEN IN A BOX.

No. 31—9 in., 2 seams, polished red handle celluloid ring, w't per doz. 3 lbs., per dozen..... $4.50

No. 32—10 in., 2 seams, white bone handle, celluloid ring, nickel plated ferrule, selected stock, w't per doz. 3¼ lbs.....per dozen 5.50

ONE DOZEN IN A BOX.



No. 35—19 in., barbers', 3 seams, braided hurl handle, w't per doz. 6 lbs., per dozen..... $5.00

ONE DOZEN IN A BOX.

HOUSEHOLD, STREET AND STABLE BROOMS.

No. 226. No. 222.

No. 120—COMMON, broom corn, 4 seams, plain handle, w't per doz. 20 lbs., per dozen $5.75

No. 122—KITCHEN, good quality broom corn, 4 seams, purple calico neck, fancy label, plain handle, separate manila wrappers, w't per doz. 22 lbs., per dozen 6.25

No. 125—CARPET, good quality broom corn, 5 seams, red calico neck, fancy label, plain handle, separate manila wrappers, w't per doz. 25 lbs., per dozen 7.50

No. 226—EXTRA CARPET, selected broom corn, 5 seams, green plush neck, fancy label, first quality plain handle, separate manila wrappers, w't per doz. 26 lbs., per dozen..... 8.00

No. 222—CINDERELLA, ladies', extra fine stemless broom corn, 4 seams, red plush neck and green bead fancy label, light selected plain handle, each broom in separate manila wrapper, w't per doz. 22 lbs.....per dozen 8.25

No. 326. No. 328.

No. 326—LILAC, selected broom corn, gold band firmly wired and 2 seams, purple plush neck, fancy label, first quality plain handle, separate manila wrappers, w't per doz. 26 lbs.....per dozen $8.50

No. 328—BLACK CALLA LILY, fine stemless broom corn, 5 seams, fancy braided neck, fancy label, black enameled handle, each broom in separate manila wrapper, w't per doz. 28 lbs., per dozen 10.00

ONE DOZEN IN A BUNDLE.

No. 136. No. 144.

No. 130—RAILROAD, coarse heavy broom corn, 4 seams, plain handle, w't per doz. 30 lbs.....per dozen $ 8.25

No. 136—EXTRA HEAVY BARN, coarse heavy broom corn, 5 seams, first quality plain handle, w't per doz. 36 lbs., per dozen..... 10.50

No. 144—WIRE BOUND WAREHOUSE, extra heavy, coarse broom corn, with hickory splints in center, 3 heavy wires, first quality plain handle, w't per doz. 47 lbs.....per dozen 12.00

Nos. 53 and 54. No. 52.

No. 53—WAREHOUSE, heavy, corn, rattan center, steel bound, w't per doz. 27½ lbs.....per dozen $ 7.50

No. 54—WAREHOUSE, extra heavy, corn rattan center, steel bound, w't per doz. 30 lbs.....per dozen 9.00

No. 52—SWITCH, rattan, metal bound, riveted, double wired, 1 seam, plain handle, w't per doz. 27 lbs.....per dozen 11.00

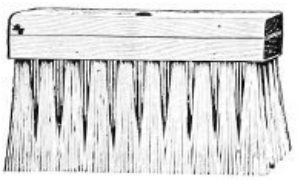
ONE DOZEN IN A BUNDLE.

6 Rows Flat Steel Wire, Flared Ends, with Handle.

No. 17—12 in. wood block, 14 in. sweep, w't per doz. 50 lbs.....per dozen $13.00

No. 18—14 in. wood block, 18 in. sweep, w't per doz. 57 lbs.....per dozen 14.00

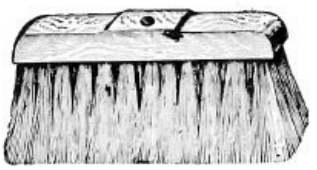
For asphalt or other smooth surfaces, universally adopted for street cleaning departments and street railways.



4 Rows Rattan, with Handle.

No. 14—14 in. block, w't per doz. 53 lbs., per dozen..... $8.00

No. 16—16 in. block, w't per doz. 54 lbs.....per dozen 9.00

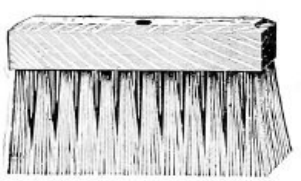


4 Rows Good Quality Rattan, with Handle.

No. 24—14 in. block, w't per doz. 50 lbs., per dozen..... $14.00

No. 26—16 in. block, w't per doz. 54 lbs., per dozen..... 16.00

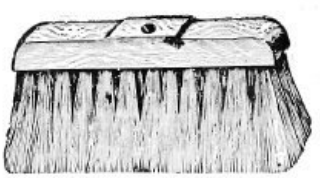
No. 212—Steel, 4 rows, 12 in. block, with handle, w't per doz. 50 lbs., per dozen $9.00



4 Rows Bass Fibre, with Handle.

No. 140—14 in. block, w't per doz. 42 lbs. .....per dozen $11.50

No. 160—16 in. block, with handle, w't per doz. 45 lbs.....per dozen 12.25

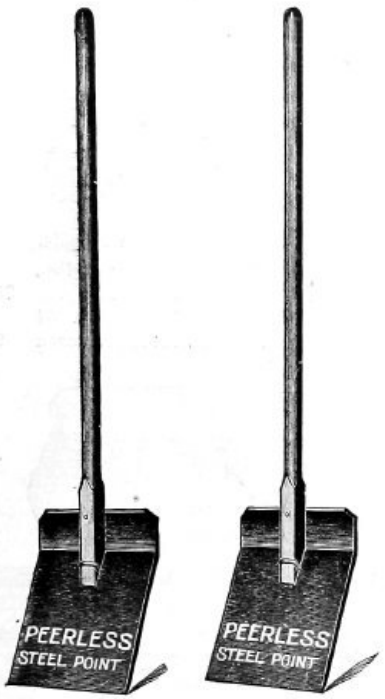


4 Rows, Good Quality, Bass Fibre, with Handle.

No. 240—14 in. block, w't per doz. 43 lbs.....per dozen $14.00

No. 260—16 in. block, w't per doz. 46 lbs.....per dozen 16.00

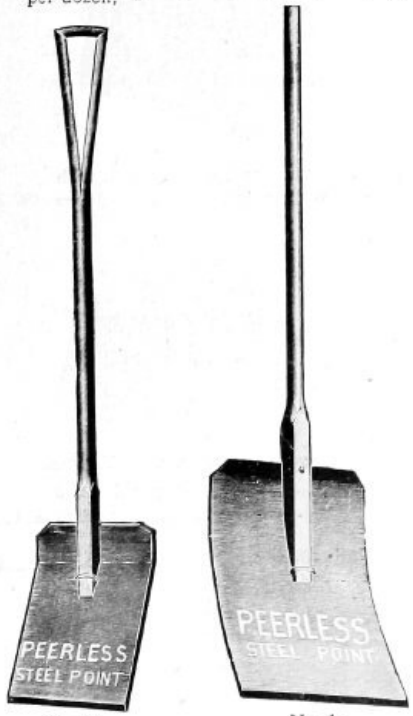
SNOW SHOVELS.



No. 3. No. 2.

No. 3—Basswood blade, 11½×17 in., protected point, straight handle, w't per doz. 32 lbs., - - - - per dozen $2.15

No. 2—Basswood oiled blade, 12×17 in., strengthened at back, protected point, straight handle, w't per doz. 34 lbs., per dozen, - - - - - - 3.00

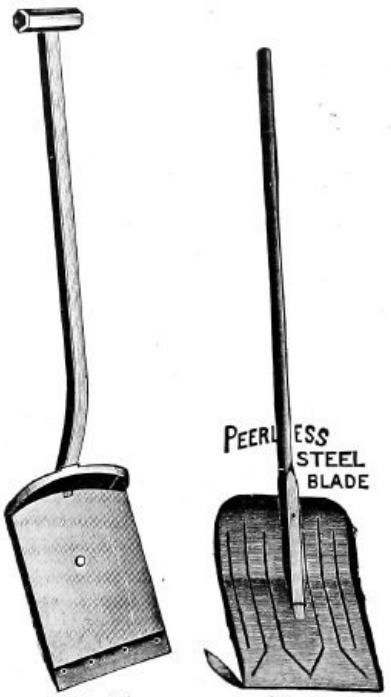


No. 02. No. 1.

No. 02—Basswood oiled blade, 12×17 in., strengthened at back, protected point, hardwood D handle, w't per doz. 36 lbs., per dozen, - - - - - - - $3.50

No. 1 - Basswood oiled bent blade, 12×17 in., 20 gauge steel point, hardwood handle riveted, w't per doz. 35 lbs., per dozen, - - - - - - 3.75

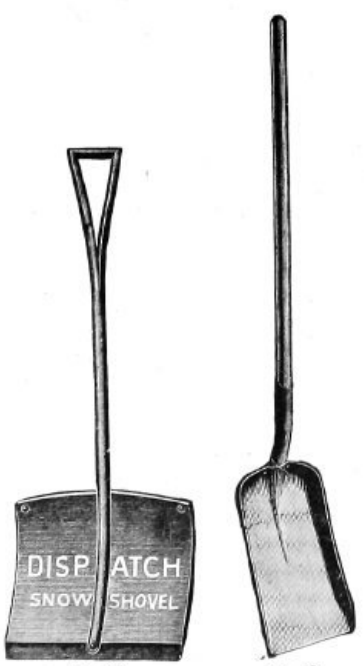
HALF DOZEN IN A BUNDLE.



No. 25. No. 30.

No. 25—CHALLENGE, basswood oiled blade, 12½×14 in., malleable iron point, hardwood T handle, w't per doz. 40 lbs., per dozen, - - - - - - - - $4.60

No. 30—Corrugated steel blade, 12×16 in., straight handle, w't per doz. 49 lbs., per dozen, - - - - - - - 4.75



No. 20. No. 40.

No. 20—DISPATCH, basswood blade, 15×20 in., hardwood D handle, strengthened by steel strips on sides, w't per doz. 35 lbs., - - - - - - per dozen $5.25

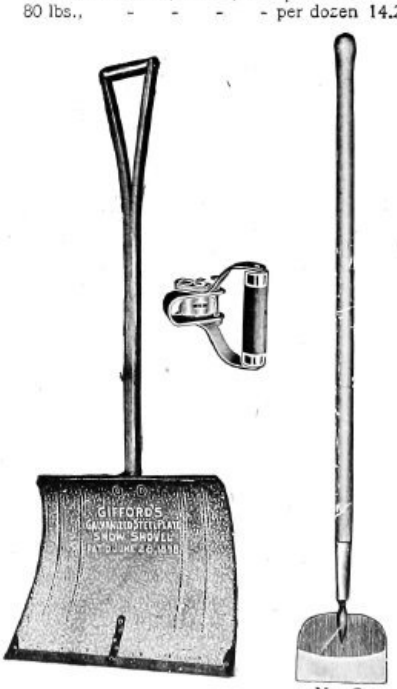
No. 40—Steel blade, 11½×15 in., socket strap, selected long ash handle, w't per doz. 60 lbs., - - - per dozen 6.00

HALF DOZEN IN A BUNDLE.

No. 15. No. 35.

No. 15—Steel blade, 11½×15 in., socket strap, selected hickory D handle, w't per doz. 69 lbs., - - - per dozen $7.00

No. 35—BONANZA, blade 18×24 in., made of three thicknesses of birch, glued crosswise and oiled, wide steel point, rock elm bent handles, bolted, w't per doz. 80 lbs., - - - - per dozen 14.25



No. 2.

—GIFFORD'S, galvanized steel blade, bottom 22 in., top 18 in., height 16 in., best seasoned ash handle, w't per doz. 55 lbs., - - - - per dozen $16.75

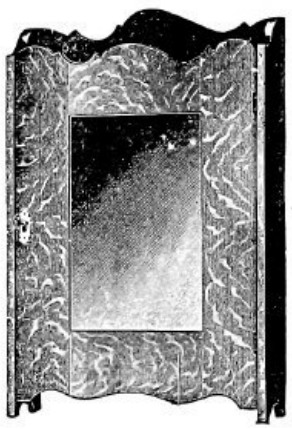
Extra Lift Handles for - " 2.75

SNOW SHOVELS, HALF DOZEN; SIDEWALK CLEANERS, ONE DOZEN IN A BUNDLE.

MEDICINE, TOILET AND SHAVING CASES.

MEDICINE CASES.

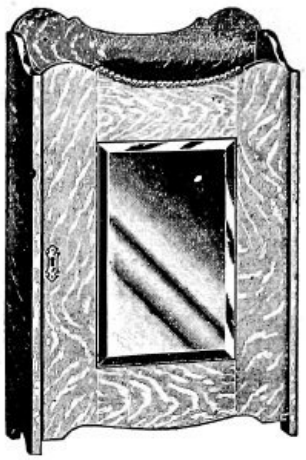
No. 608—22 × 14½ in. outside, 16½×13½ in. inside, 3 in. deep, golden finish oak, without bottles, w't 7 lbs. each..... $1.80



No. 703—22×14½ in. inside, 3½ in. deep, golden finish oak, three compartments, arranged with shelves to hold different sized bottles, fitted with American mirror, w't 7 lbs.....each $2.20

No. 616—22×14½ in. outside, 14×16 in. inside, 4 in. deep, three compartments, golden finish oak, or imitation mahogany, inlaid pearl decalcomania decoration, without bottles, w't 8 lbs., each..... $2.90

MEDICINE CASES.



No. 665—22½ × 14½ in. outside, 16×13¾ in. inside, 4 in. deep, solid oak, golden finish, arranged with two straight shelves, three compartments, fitted with 8×12 in. French beveled mirror, w't 8 lbs.....each $3.60

No. 646—24×17 in. outside, 21×15 in. inside, 4½ in. deep, solid oak, golden finish, raised hand carving, w't 10 lbs. each..... $3.90

TOILET AND SHAVING CASES.

No. 432—18×11 in., golden oak finish, with comb case, 6×8 in. bevel mirror, w't 4 lbs.....each $1.50

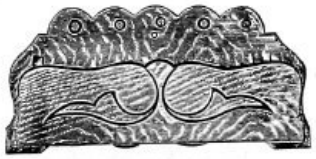
No. 431—25×16 in., oak finish, hand carved, with drawer, 8×10 in. French bevel mirror, w't 8 lbs.....each $3.00

No. 731—17×14½ in., lower shelf 6×17 in., golden oak finish, 8×10 in. plain French mirror, 11½ in. roller for towels, w't 7 lbs. each..... $3.30

The leaf drops and stands out straight, making it convenient and useful.

COMB CASES, MATCH SAFES AND CLOCK SHELVES.

COMB CASES.



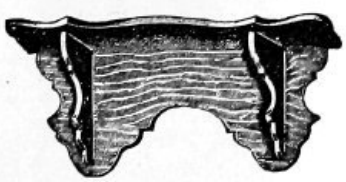
No. 434—12½×7 in., oak finish, w't 1 lb.....each $0.28

No. 358—12×20 in., oak finish, hand carved, 6×8 in. plate glass mirror, w't 1½ lbs.....each $0.90

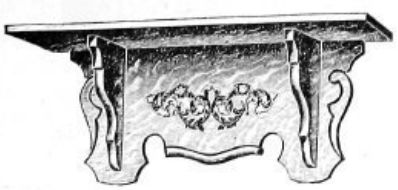
MATCH SAFES.

No. 436—8½×5½ in., oak finish, w't 4 ozs.....each $0.22

CLOCK SHELVES.

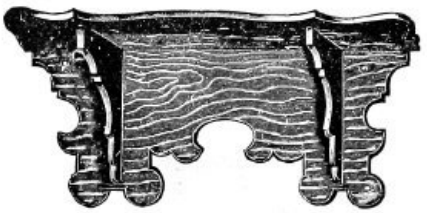


No. 371—12½×5 in., golden oak finish, w't 2 lbs.....each $0.26

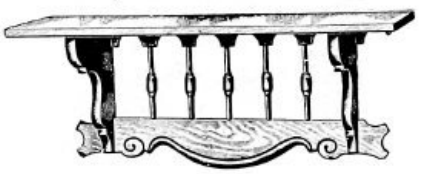


No. 615—14×5 in., golden oak finish, w't 1½ lbs.....each $0.56

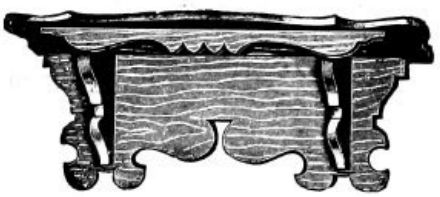
CLOCK SHELVES.



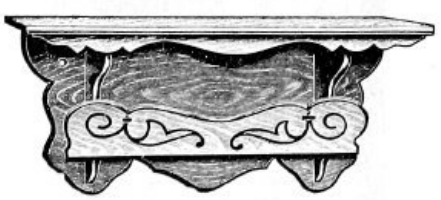
No. 370—18×6 in., golden oak finish, w't 1½ lbs.....each $0.58



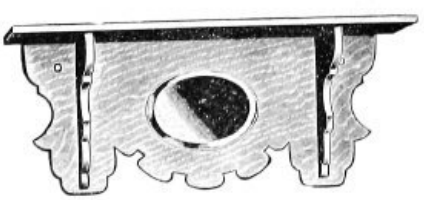
No. 638—18×6 in., solid oak, golden finish, turned spindle work, hand carved, w't 2 lbs.....each $0.86



No. 368—24×7½ in., oak finish, w't 4 lbs.....each $0.90

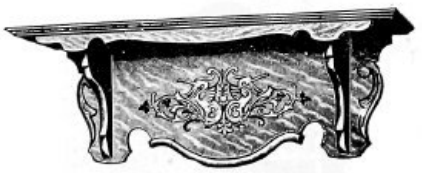


No. 336—20×6½ in., golden oak finish, with comb box, w't 3 lbs.....each $1.00



No. 403—18×6½ in., golden oak finish, French bevel mirror, w't 1½ lbs..each $1.10

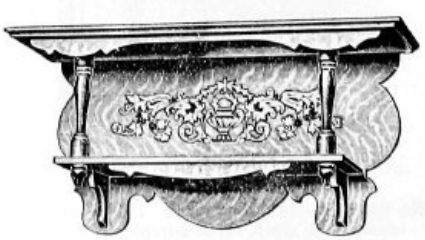
CLOCK SHELVES.



No. 613—24×7½ in., oak, golden finish, w't 3 lbs.....each $1.70

No. 499—24×7½ in., oak, golden finish, hand carved, side brackets, w't 5 lbs., each..... $2.70

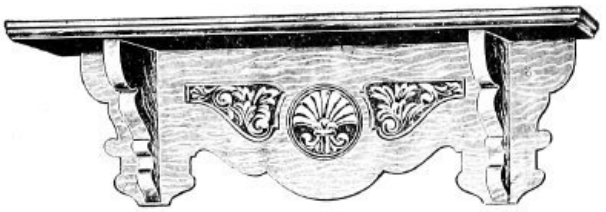
No. 538—24×8 in. top shelf, middle shelf 5×13½ in., lower shelf 4½×7½ in., solid oak, golden finish, hand carved side brackets, w't 5 lbs.....each $3.00



No. 612—22×7 in. top shelf, 6×16 in. lower shelf, oak, golden finish, w't 5 lbs.....each $2.10

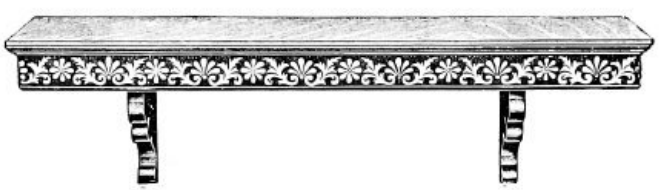
CLOCK SHELVES AND PLATE RACKS.

CLOCK SHELVES.



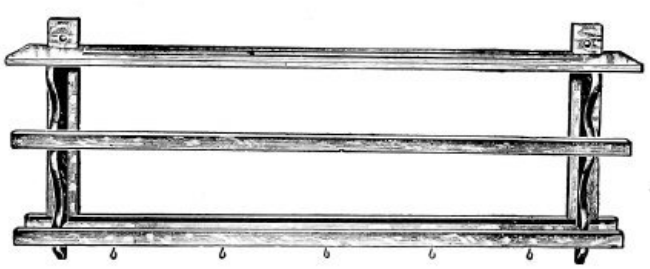
No. 402—28×8 in., oak, golden finish, hand carved, w't 7 lbs., each..... $1.80

No. 641—30×8 in., solid oak, golden finish, hand carved, w't 6 lbs.....each $1.50

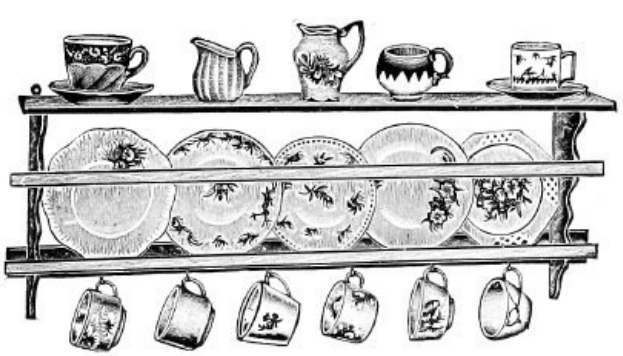


No. 509—28×8 in., solid oak, golden finish, 2¼ in. embossed moulding, w't 7 lbs.. .....each $2.10

PLATE RACKS.

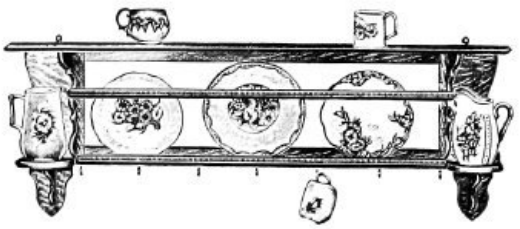


No. 667—Mission, size of top shelf 30×5 in., space for plates 8¾ in., flemish or golden finish, w't 2½ lbs.....each $1.00

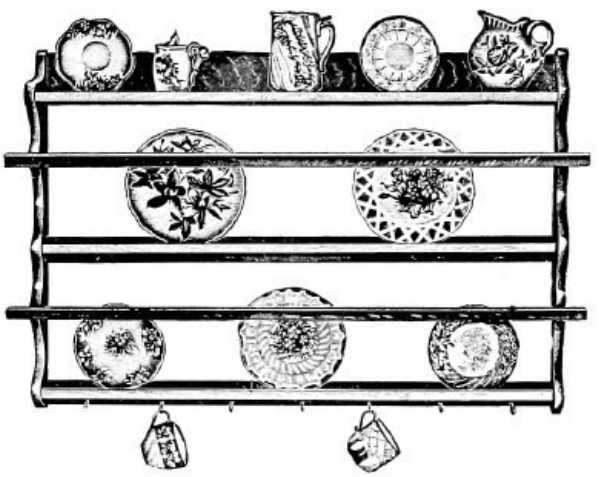


No. 594—Solid oak, golden finish, top shelf 34×5½ in., 13 in. deep, space for plates 9 in., w't 4 lbs.....each $1.50

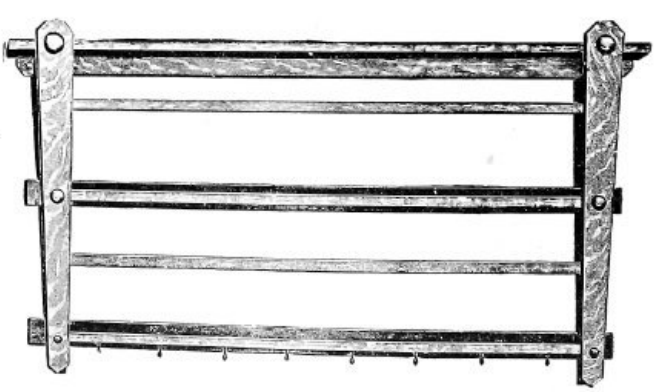
PLATE RACKS.



No. 564—42×15 in., top shelf 6 in. deep, space for plates 9 in., solid oak, golden finish, w't 7 lbs.....each $4.40



No. 591—45×29 in., top shelf 40×5 in., space for 11 and 12 in. plates, w't 13 lbs .....each $4.50



No. 680—Mission, 48×28 in., top shelf 48×4½ in., space for plates 11 in., solid oak, wax finish, golden color, w't 15 lbs. .each $6.00

CHRYSOLITE ENAMELED WARE.

SILVER MEDAL AND DIPLOMA, WORLD'S FAIR, PARIS, 1900.

Three Coats of Enamel, Outside Green with White Vein Markings, Inside White, Edge Deep Blue.

TEA POTS.

SEAMLESS, Enameled Cover, Spun Knob, Hollow Handle.

Nos.	9	11	12
Quarts	1	1½	2
Size	4½×6¼	5×6⅝	5½×6¾ in.
W't per doz.	13	15	18 lbs.
Per dozen	$9.00	10.50	11.50
Nos.	**13**	**14**	**15**
Quarts	3	4	5
Size	6×7¾	6½×7¾	6⅞×8⅜ in.
W't per doz.	21	24	27 lbs.
Per dozen	$13.50	15.00	17.00

NO. 9, THREE DOZEN; NO. 11, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

SEAMED, Enameled Cover, Spun Knob, Hollow Handle.

Nos.	09	011	012
Quarts	1	1½	2
Size	4½×6¼	5×6⅝	5½×6¾ in.
W't per doz.	13	15	18 lbs.
Per dozen	$8.00	9.00	10.00
Nos.	**013**	**014**	**015**
Quarts	3	4	5
Size	6×7¾	6½×7¾	6⅞×8⅜ in.
W't per doz.	21	24	27 lbs.
Per dozen	$11.50	13.00	14.50

NO. 09, THREE DOZEN; NO. 011, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

LIPPED COFFEE POTS.

SEAMLESS, Enameled Cover, Spun Knob, Hollow Handle.

Nos.	9½	11½	12½
Quarts	1	1½	2
Size	4½×6¼	5×6⅝	5½×6¾ in.
W't per doz.	13	15	18 lbs.
Per dozen	$9.00	10.50	11.50
Nos.	**13½**	**14½**	**15½**
Quarts	3	4	5
Size	6×7⅜	6½×7¾	6⅞×8⅜ in.
W't per doz.	21	24	27 lbs.
Per dozen	$13.50	15.00	17.00

NO. 9½, THREE DOZEN; NO. 11½, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

SEAMED, Enameled Cover, Spun Knob, Hollow Handle.

Nos.	09½	011½	012½
Quarts	1	1½	2
Size	4½×6¼	5×6⅝	5½×6¾ in.
W't per doz.	13	15	18 lbs.
Per dozen	$8.00	9.00	10.00
Nos.	**013½**	**014½**	**015½**
Quarts	3	4	5
Size	6×7⅜	6½×7¾	6⅞×8⅜ in.
W't per doz.	21	24	27 lbs.
Per dozen	$11.50	13.00	14.50

NO. 09½, THREE DOZEN; NO. 011½, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

COFFEE BIGGINS.

Nos.	81	91	101
Quarts	¾	1	1½
Bottom	3¾	4⅝	5¼ in.
W't per doz.	11	15	18 lbs.
Per dozen	$11.00	12.00	14.00
Nos.	**201**	**301**	**401**
Quarts	2	3	4
Bottom	5¾	6½	7 in.
W't per doz.	24	27	29 lbs.
Per dozen	$16.00	17.00	19.00

NOS. 81 AND 91, THREE DOZEN; NOS. 101 AND 201, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

COFFEE BOILERS.

Flat Bottom, Enameled Cover, Spun Knob, Tinned Bail, Blue Handle.

Nos.	60	70
Quarts	4½	6
Size	8⅛×8⅜	8⅝×9 in.
W't per doz.	30	36 lbs.
Per dozen	$16.00	18.00
Nos.	**80**	**90**
Quarts	8½	11½
Size	9⅜×9⅜	10¾×10½ in.
W't per doz.	39	48 lbs.
Per dozen	$20.00	24.00

NO. 90, HALF DOZEN; BALANCE, ONE DOZEN IN A CASE.

Pit Bottom, Enameled Cover, Spun Knob, Tinned Bail, Blue Handle.

Nos.	600	700
Quarts	4½	6
Pit	6	7 in.
Size	8⅛×8⅜	8⅝×9 in.
W't per doz.	30	36 lbs.
Per dozen	$16.00	18.00
Nos.	**800**	**900**
Quarts	8½	11½
Pit	8	9 in.
Size	9⅜×9⅜	10¾×10½ in.
W't per doz.	39	48 lbs.
Per dozen	$20.00	24.00

ONE DOZEN IN A CASE.

PRINCESS TEA KETTLES.

Seamless, Flat Bottom, Enameled Cover, Spun Knob, Tinned Bail, Coil or Wood Handle.

Nos.	6	7	8	9
Quarts	4	5	7	8
Bottom	8¼	9	9⅞	10½ in.
W't per doz.	27	36	42	48 lbs.
Per dozen	$17.50	20.25	23.00	27.00

ONE DOZEN IN A CASE.

Pit Bottom, Enameled Cover, Spun Knob, Tinned Bail, Coil or Wood Handle.

Nos.	700	800	900
Quarts	5	7	8
Pit bottom	7	8	9 in.
W't per doz.	36	42	48 lbs.
Per dozen	$20.25	23.00	27.00

ONE DOZEN IN A CASE.

TEA KETTLE STEAMERS.

No. 50—1½ quart, *seamless*, without cover (tea kettle cover will fit) for Nos. 7, 8 and 9 tea kettles, w't per doz. 12 lbs. ..... per dozen $6.00

FOUR DOZEN IN A CASE.

CEREAL COOKERS.

Enameled Cover, Spun Knob, Blue Handle.

Nos.	16	18	20
Quarts, steamer	1½	1¾	2
Size	5⅜×4½	5¾×4⅞	6⅜×4⅞ in.
W't per doz.	30	35	39 lbs.
Per dozen	$12.50	15.00	17.50
Nos.		**22**	**24**
Quarts, steamer		2½	3
Size		6¾×6⅛	7¾×7⅛ in.
W't per doz.		48	60 lbs.
Per dozen		$20.00	22.50

ONE DOZEN IN A CASE.

CHRYSOLITE ENAMELED WARE.

SILVER MEDAL AND DIPLOMA, WORLD'S FAIR, PARIS, 1900.

Three Coats of Enamel, Outside Green with White Vein Markings, Inside White, Edge Deep Blue.

TEA STEEPERS.

No. 1—1½ pt., 4¼×3½ in., seamless, enameled cover, spun knob, w't per doz. 7½ lbs.....per dozen $6.00

SIX DOZEN IN A CASE.

"BERLIN" SAUCE PANS.

SEAMLESS, Enameled Cover, Spun Knob, Blue Handle.

Nos	02	03	04
Quarts	2	3	4
Size	5¼×4	7⅝×4½	8¼×4⅞ in.
W't per doz.	18	24	27 lbs.
Per dozen	$6.50	8.00	10.00
Nos		**06**	**08**
Quarts		6	8
Size		9¼×5¾	10⅜×6 in.
W't per doz.		33	39 lbs.
Per dozen		$12.00	15.00

NOS. 02, 03 AND 04, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

"BERLIN" KETTLES.

SEAMLESS, Enameled Cover, Spun Knob, Tinned Bail.

Nos	02	03	04
Quarts	2	3	4
Size	5¼×4	7⅝×4½	8¼×4⅞ in.
W't per doz.	18	21	27 lbs.
Per dozen	$6.50	8.00	10.00
Nos		**06**	**08**
Quarts		6	8
Size		9¼×5¾	10⅜×6 in.
W't per doz.		33	39 lbs.
Per dozen		$12.00	15.00
Nos		**010**	**012**
Quarts		10	12
Size		11⅛×6¾	11⅝×7⅛ in.
W't per doz.		51	54 lbs.
Per dozen		$20.00	25.00

NOS. 02 AND 03, THREE DOZEN; NO. 04, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

COVERS.

Spun Knob, for "Berlin" Kettles and Sauce Pans.

Nos	02	03	04	06
W't per doz.	3	4½	5½	6½ lbs.
Per dozen	$2.50	3.00	3.50	4.00
Nos		**08**	**010**	**012**
W't per doz		9	11	13 lbs.
Per dozen		$4.50	5.50	6.50

SIX DOZEN IN A CASE.

"BERLIN" SAUCE POTS.

SEAMLESS, Enameled Cover, Spun Knob.

Nos	02	03	04
Quarts	2	3	4
Size	5¼×4	7⅝×4½	8¼×4⅞ in.
W't per doz.	18	21	27 lbs.
Per dozen	$6.50	8.00	10.00
Nos		**06**	**08**
Quarts		6	8
Size		9¼×5¾	10⅜×6 in.
W't per doz.		33	39 lbs.
Per dozen		$12.00	15.00
Nos		**010**	**012**
Quarts		10	12
Size		11⅛×6¾	11⅝×7⅛ in.
W't per doz.		51	54 lbs.
Per dozen		$20.00	25.00

NOS. 02 AND 03, THREE DOZEN; NO. 04, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

STRAIGHT STOVE KETTLES.

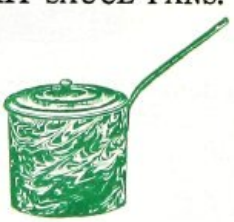
SEAMLESS, Enameled Cover, Spun Knob, Tinned Bail.

No. 440—4 qt., size 7⅝×6½ in., w't per doz. 27 lbs.....per dozen $10.50

No. 470—7 qt., size 9 1/16×6¾ in., w't per doz. 33 lbs.....per dozen 12.50

TWO DOZEN IN A CASE.

STRAIGHT SAUCE PANS.



SEAMLESS, Enameled Cover, Spun Knob, Blue Handle.

Nos	100	200	300
Quarts	1	2	3
Size	5×3¾	6¼×4¾	6¾×5½ in.
W't per doz.	14	21	24 lbs.
Per dozen	$6.50	7.50	9.00
Nos		**400**	**600**
Quarts		4	6
Size		7⅝×5⅞	8⅝×6⅝ in.
W't per doz.		27	33 lbs.
Per dozen		$10.50	12.50

NO. 100, THREE DOZEN; NO. 600, ONE DOZEN; BALANCE, TWO DOZEN IN A CASE.

COVERS.

Spun Knob, for Straight Kettles and Sauce Pans.

Nos	100	200	300	400	600
W't per doz.	3	4	5	6	7 lbs.
Per dozen	$2.00	2.50	3.00	3.50	4.00

SIX DOZEN IN A CASE.

LIPPED PRESERVING KETTLES.

Tinned Bail.

Nos	140	160	180
Quarts	1½	2	2½
Size	6⅜×3⅛	7⅛×3⅛	7¾×3⅝ in.
W't per doz.	9	12	15 lbs.
Per dozen	$3.50	4.00	5.00
Nos	**200**	**220**	**240**
Quarts	3	4	5
Size	8¼×3¾	9⅛×4	9⅞×4⅛ in.
W't per doz.	16	18	21 lbs.
Per dozen	$6.00	7.00	8.00
Nos	**260**	**280**	**300**
Quarts	6	8	10
Size	10¾×5	11⅜×5⅜	11⅞×5½ in.
W't per doz.	28	33	36 lbs.
Per dozen	$9.00	10.50	12.50
Nos	**320**	**340**	**360**
Quarts	12	13½	15
Size	12½×6	13½×6½	13¾×6⅝ in.
W't per doz.	40	43	45 lbs.
Per dozen	$15.00	17.00	18.00

NO. 140, SIX DOZEN; NOS. 160, 180, 200, FOUR DOZEN; NO. 220, THREE DOZEN; NOS. 340, 360, ONE AND ONE-HALF DOZEN; BALANCE, TWO DOZEN IN A CASE.

STRONG LIPPED SAUCE PANS.

Nos	14	16	18
Quarts	1½	2	2½
Size	6⅜×3⅛	7⅛×3⅛	7¾×3⅝ in.
W't per doz.	9	12	15 lbs.
Per dozen	$3.50	4.00	5.00
Nos	**20**	**22**	**24**
Quarts	3	4	5
Size	8¼×3¾	9⅛×4	9⅞×4⅛ in.
W't per doz.	16	18	21 lbs.
Per dozen	$6.00	7.00	8.00
Nos	**26**		**28**
Quarts	6		7½
Size	10¾×5		11⅜×5⅝ in.
W't per doz.	28		33 lbs.
Per dozen	$9.00		10.50

NOS. 14 AND 16, FOUR DOZEN; NOS. 18 AND 20, THREE DOZEN; BALANCE, TWO DOZEN IN A CASE.

FRY PANS.

Deep, Lipped, Blue Handle.

Nos	1	2	3
Bottom	6½	7	7½ in.
W't per doz.	11	13	15 lbs.
Per dozen	$4.50	5.00	5.50
Nos	**4**	**5**	**6**
Bottom	8	9	10 in.
W't per doz.	16	19	20 lbs.
Per dozen	$6.50	7.50	8.50

NOS. 1 TO 4, SIX DOZEN; NOS. 5 AND 6, FOUR DOZEN IN A CASE.

CHRYSOLITE ENAMELED WARE.

SILVER MEDAL AND DIPLOMA, WORLD'S FAIR, PARIS, 1900.

Three Coats of Enamel, Outside Green with White Vein Markings, Inside White, Edge Deep Blue.

SAUCE OR STOCK POTS.

SEAMED, Wire Handles.

Quarts	10	12
Size	9½×9½	10×10½ in.
W't per doz.	36	48 lbs.
Without cover, per dozen	$12.00	14.00

SEAMLESS, Hollow Handles.

Quarts	16	20	24
Size	9×12½	9½×13	10¾×13¼ in.
W't per doz.	56	60	72 lbs.
Without cov. per dozen	$20.00	24.50	29.00

24 QT., ONE-THIRD DOZEN; BALANCE, HALF DOZEN IN A CASE.

MILK PANS.

Seamless, Straight.

Nos	½	1	1½
Quarts	½	1	1½
Size	6×1⅜	6¾×1¾	7½×2 1/16 in.
W't per doz.	5	5½	7 lbs.
Per dozen	$2.25	2.50	3.00
Nos	2	3	3½
Quarts	2	3	3½
Size	8½×2 1/16	8⅞×2⅜	10×2¼ in.
W't per doz.	8	9	13 lbs.
Per dozen	$3.50	4.00	4.50
Nos	4	5	6
Quarts	4	5	6
Size	10⅝×2½	11⅝×2⅝	12⅜×2¾ in.
W't per doz.	17	19	21 lbs.
Per dozen	$5.00	5.50	6.00
Nos		8	10
Quarts		8	10
Size		13¼×2⅞	14⅛×3 in.
W't per doz.		26	28 lbs.
Per dozen		$6.75	8.00

NOS. ½ TO 5, SIX DOZEN; NOS. 6 TO 10, THREE DOZEN IN A CASE.

PUDDING PANS.

Round.

Nos	16	17	18
Quarts	1	1½	2
Size	7⅛×2½	7¾×2⅞	8⅝×3 in.
W't per doz.	7	9	11 lbs.
Per dozen	$3.00	3.50	4.00
Nos	19	20	21
Quarts	3	4	5
Size	9¼×3¼	10¼×3⅜	11×3½ in.
W't per doz.	13	17	19 lbs.
Per dozen	$4.50	5.00	5.50
Nos	22		23
Quarts	6		7
Size	11⅞×3⅝		12¾×3¾ in.
W't per doz.	22		25 lbs.
Per dozen	$6.50		7.50

SIX DOZEN IN A CASE.

DISH PANS.

Extra Deep, Hollow Handles.

Quarts	10	14	17
Size	14½×5	16¼×5⅜	17½×5⅝ in.
W't per doz.	36	45	52 lbs.
Per dozen	$12.50	15.00	17.50
Quarts		21	30
Size		19⅛×6	21×6¾ in.
W't per doz.		60	72 lbs.
Per dozen		$20.00	30.00

ONE DOZEN IN A CASE.

MIXING BOWLS.

Seamless.

Nos	12	16
Quarts	1	2
Size	6 1/16×2⅞	7⅛×3⅛ in.
W't per doz.	6	8 lbs.
Per dozen	$3.00	4.00
Nos	20	24
Quarts	3	5
Size	8¼×3¾	10×4⅛ in.
W't per doz.	11	16 lbs.
Per dozen	$5.00	6.50

NOS. 12 AND 16, TWELVE DOZEN; BALANCE, SIX DOZEN IN A CASE.

ENGLISH MIXING BOWLS.

Seamless, Flaring Edge.

Nos	24	28
Quarts	2½	4
Size	9¼×3¼	11×4¼ in.
W't per doz.	16	21 lbs.
Per dozen	$6.50	8.00
Nos	32	36
Quarts	6	9
Size	12½×4¾	14¼×5¼ in.
W't per doz.	23	28 lbs.
Per dozen	$10.00	12.00

NO. 36, THREE DOZEN; BALANCE, SIX DOZEN IN A CASE.

ROUND BAKE PANS.

Handled.

Nos	18	19	20
Quarts	2	3	4
Size	8⅝×3	9¼×3¼	10¼×3⅜ in.
W't per doz.	12	14	18 lbs.
Per dozen	$4.50	5.00	5.50
Nos		21	22
Quarts		5	6
Size		11×3½	11⅞×3⅝ in.
W't per doz.		20	23 lbs.
Per dozen		$6.50	7.00

SIX DOZEN IN A CASE.

OBLONG BAKE DISHES.

Seamless, Round Cornered, Corrugated Bottom.

Top	8x10	8x14	8x17	10x15 in.
W't per doz.	13	20	24	25 lbs.
Per dozen	$5.00	6.50	7.25	7.75

FOUR DOZEN IN A CASE.

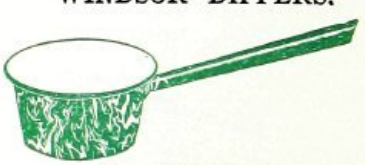
FLARING DIPPERS.

Flat Blue Handle.

Nos	110	111
Size	4¼×2	4½×2¼ in.
W't per doz.	5	5½ lbs.
Per dozen	$2.75	3.25
Nos	112	113
Size	4¾×2¼	5×2⅜ in.
W't per doz.	6	6½ lbs.
Per dozen	$3.75	4.50

SIX DOZEN IN A CASE.

WINDSOR DIPPERS.

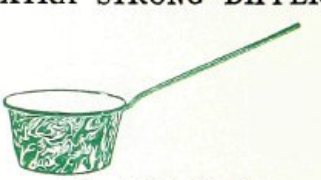


Round Blue Handle.

Nos	410	412	414
Quarts	½	1	2
Size	4¾×2⅝	5½×3 1/16	6¾×3 9/16 in.
W't per doz.	10	11	12 lbs.
Per dozen	$4.00	5.00	6.00

SIX DOZEN IN A CASE.

EXTRA STRONG DIPPERS.



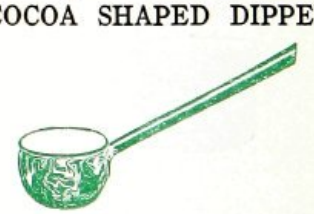
Threaded Blue Handle.

No. 12—5¼×3¼ in., w't per doz. 9 lbs., per dozen $6.50

No. 14—6×3½ in., w't per doz. 13 lbs., per dozen 7.25

SIX DOZEN IN A CASE.

COCOA SHAPED DIPPERS.



Round Blue Handle.

No. 55—1 pt., size 3×3 in., w't per doz. 6 lbs. ..... per dozen $5.00

SIX DOZEN IN A CASE.

CHRYSOLITE ENAMELED WARE.

SILVER MEDAL AND DIPLOMA, WORLD'S FAIR, PARIS, 1900.

Three Coats of Enamel, Outside Green with White Vein Markings, Inside White, Edge Deep Blue.

DEEP LADLES.

Flat Blue Handle.

Nos.	10	11	12
Size	$3\frac{7}{8}\times1\frac{5}{8}$	$4\frac{3}{8}\times1\frac{3}{4}$	$4\frac{3}{4}\times2$ in.
W't per doz.	4	$4\frac{1}{4}$	$4\frac{1}{2}$ lbs.
Per dozen	$2.40	2.60	2.80

ONE DOZEN IN A PACKAGE.

FLAT SKIMMERS.

Flat Blue Handle.

Nos.	10	11	12
Size	$3\frac{7}{8}\times1\frac{7}{16}$	$4\frac{1}{4}\times1\frac{5}{8}$	$4\frac{5}{8}\times1\frac{7}{8}$ in.
W't per doz.	4	$4\frac{1}{2}$	6 lbs.
Per dozen	$2.00	2.20	2.40

ONE DOZEN IN A PACKAGE.

BASTING SPOONS.

Threaded Handle.

Length	10	12	14 in.
W't per doz.	$2\frac{1}{2}$	3	$3\frac{1}{2}$ lbs.
Per dozen	$1.75	2.00	2.50
Length	**16**		**18 in.**
W't per doz.	4		$4\frac{1}{4}$ lbs.
Per dozen	$3.00		3.50

ONE DOZEN IN A PACKAGE.

MINERS' CUPS.

No. 100.

No. 200.

No. 100—1 qt., size $4\frac{7}{8}\times5\frac{1}{8}$ in., w't per doz. 9 lbs. ..... per dozen $4.75

No. 200—$1\frac{1}{2}$ qt., size $6\frac{1}{8}\times5\frac{1}{8}$ in., w't per doz. 13 lbs. ..... per dozen 6.50

NO. 100, SIX DOZEN; NO. 200, THREE DOZEN IN A CASE.

CHILDREN'S MUGS.

Nos.	3	5	18
Pints	$\frac{1}{2}$	1	$1\frac{1}{2}$
Size	$3\frac{1}{2}\times2\frac{7}{8}$	$4\times3\frac{1}{4}$	$4\frac{1}{2}\times4$ in.
W't per doz.	4	5	7 lbs.
Per dozen	$2.50	3.00	5.00

NOS. 3 AND 5, TWELVE DOZEN; NO. 18, SIX DOZEN IN A CASE.

DRINKING CUPS.

Flaring.

Straight.

Flaring.

Nos.	8	9
Size	$3\frac{3}{4}\times1\frac{7}{8}$	4×2 in.
W't per doz.	$2\frac{1}{2}$	$2\frac{3}{4}$ lbs.
Per dozen	$1.75	2.00
Nos.	**10**	**11**
Size	$4\frac{1}{4}\times2\frac{3}{16}$	$4\frac{1}{2}\times2\frac{5}{16}$ in.
W't per doz.	3	4 lbs.
Per dozen	$2.25	2.50

TWELVE DOZEN IN A CASE.

No. 0—Straight, $2\frac{3}{4}\times2\frac{5}{8}$ in., w't per doz. 3 lbs. ..... per dozen $1.75

TWELVE DOZEN IN A CASE.

CUPS AND SAUCERS.

No. 0$\frac{1}{2}$—Cups, 4×2 in., w't per doz. 3 lbs. ..... per dozen $2.00

No. 1$\frac{1}{2}$—Saucers, $6\frac{1}{8}\times7\frac{1}{8}$ in., w't per doz. 3 lbs. ..... per dozen 2.00

No. 01$\frac{1}{2}$—Cups and saucers, w't per doz. 6 lbs. ..... per dozen 4.00

CUPS, TWELVE DOZEN; SAUCERS, TWENTY-FOUR DOZEN IN A CASE.

DINNER PLATES.

No. 109—$9\frac{1}{8}\times\frac{3}{4}$ in., flat bottom, w't per doz. 7 lbs. ..... per dozen $3.25

TWELVE DOZEN IN A CASE.

SOUP PLATES.

No. 35—$9\frac{3}{16}\times1\frac{1}{2}$ in., w't per doz. 8 lbs., per dozen $4.25

TWELVE DOZEN IN A CASE.

SOUP BOWLS.

No. 125—$6\frac{1}{16}\times2\frac{7}{8}$ in., w't per doz. $5\frac{1}{2}$ lbs. ..... per dozen $2.75

TWELVE DOZEN IN A CASE.

MOUNTAIN CAKE PANS.

No. 9—$9\times1\frac{1}{4}$ in., w't per doz. 8 lbs., per dozen $3.50

No. 10—$10\times1\frac{1}{4}$ in., w't per doz. 9 lbs., per dozen 4.00

JELLY CAKE PANS.

Shallow.

No. 9— $9\times1\frac{1}{2}$ in., w't per doz. 8 lbs., per dozen $2.75

No. 10—$10\times1\frac{1}{2}$ in., w't per doz. 9 lbs., per dozen 3.00

Deep.

No. 09—$9\times7\frac{1}{8}$ in., w't per doz. 9 lbs., per dozen $3.00

No. 010—$10\times7\frac{1}{8}$ in., w't per doz. 12 lbs., per dozen 3.50

TWELVE DOZEN IN A CASE.

PIE PLATES.

Shallow.

No. 9—$9\frac{1}{8}\times\frac{3}{4}$ in., w't per doz. 7 lbs., per dozen $2.25

No. 10—$9\frac{3}{4}\times1$ in., w't per doz. 8 lbs., per dozen 2.75

TWELVE DOZEN IN A CASE.

Deep.

No. 09—$8\frac{7}{8}\times1\frac{1}{8}$ in., w't per doz. 8 lbs., per dozen $2.50

No. 010—$9\frac{3}{4}\times1\frac{1}{4}$ in., w't per doz. 9 lbs., per dozen 3.00

TWELVE DOZEN IN A CASE.

MOLASSES PITCHERS.

No. 1—$1\frac{1}{2}$ pts., seamless, heavy nickel plated spring top, w't per doz. $7\frac{1}{2}$ lbs., per dozen $9.00

FOUR DOZEN IN A CASE.

SEAMLESS MILK KETTLES.

Retinned Cover, Tinned Bail.

Nos.	71	72
Quarts	1	2
Size	$4\frac{5}{8}\times7\frac{1}{4}$	$5\frac{1}{4}\times9\frac{1}{4}$ in.
W't per doz.	9	12 lbs.
Per dozen	$6.00	8.00
Nos.	**73**	**74**
Quarts	3	4
Size	$6\times10\frac{1}{4}$	$6\frac{5}{8}\times10\frac{1}{2}$ in.
W't per doz.	18	21 lbs.
Per dozen	$10.00	12.00

NO. 74, ONE DOZEN; BALANCE, TWO DOZEN IN A CASE.

CHRYSOLITE ENAMELED WARE.

SILVER MEDAL AND DIPLOMA, WORLD'S FAIR, PARIS, 1900.

Three Coats of Enamel, Outside Green with White Vein Markings, Inside White, Edge Deep Blue.

DINNER PAILS.

No. 45.

No. 40.

No. 45—Round, miners', seamless, cover locked on by bail, size $6\frac{3}{4}\times7\frac{1}{4}$, tray $7\frac{1}{4}\times4\frac{1}{2}$ in., w't per doz. 46 lbs., per dozen $18.00

No. 40—Oval, seamless, with tray, cover locked on by bail, size of pail $9\times6\frac{3}{4}\times4\frac{1}{2}$ in., size of tray $9\times6\frac{3}{4}\times3\frac{1}{2}$ in., w't per doz. 45 lbs. ..... per dozen 28.00

ONE DOZEN IN A CASE.

SEAMLESS COVERED BUCKETS.

Straight,-Retinned Cover, Tinned Bail.

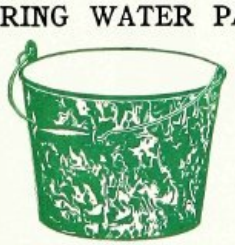
Nos.	100	150	200
Quarts	1	$1\frac{1}{2}$	2
Size	$5\times3\frac{7}{8}$	$5\frac{1}{2}\times4\frac{1}{4}$	$6\frac{1}{4}\times4\frac{3}{4}$ in.
W't per doz.	12	15	18 lbs.
Per dozen	$5.25	5.75	6.25

Nos.	300	400
Quarts	3	4
Size	$6\frac{3}{4}\times5\frac{5}{8}$	$7\frac{5}{8}\times5\frac{7}{8}$ in.
W't per doz.	24	27 lbs.
Per dozen	$7.75	9.75

Nos.	600	800
Quarts	6	8
Size	$8\frac{5}{8}\times6\frac{1}{2}$	$9\frac{1}{8}\times8\frac{1}{8}$ in.
W't per doz.	32	38 lbs.
Per dozen	$10.50	14.00

NOS. 100 TO 200, THREE DOZEN; NOS. 600 AND 800, ONE DOZEN; BALANCE, TWO DOZEN IN A CASE.

FLARING WATER PAILS.



Seamless, Flat Bottom, Tinned Bail, Enameled Wood Grip.

Nos.	208	210
Quarts	8	10
Size	$9\frac{5}{8}\times7$	$10\frac{1}{2}\times7\frac{7}{8}$ in.
W't per doz.	28	39 lbs.
Per dozen	$12.75	15.00

Nos.	212	214
Quarts	12	14
Size	$11\frac{3}{8}\times8\frac{1}{2}$	$12\times9\frac{1}{2}$ in.
W't per doz.	45	54 lbs.
Per dozen	$18.00	21.00

NO. 208, THREE DOZEN; BALANCE, ONE DOZEN IN A CASE.

SEAMLESS CHAMBER PAILS.

No. 2—$10\frac{1}{2}\times9\frac{1}{4}$ in., enameled cover, spun knob, tinned bail, enameled wood grip, w't per doz. 51 lbs., per dozen $29.00

HALF DOZEN IN A CASE.

SEAMLESS WATER PITCHERS.

Nos.	20	30	40
Quarts	2	3	4
Size	$5\frac{3}{8}\times7\frac{3}{4}$	$5\frac{7}{8}\times8\frac{3}{4}$	$6\frac{1}{2}\times8\frac{7}{8}$ in.
W't per doz.	12	15	18 lbs.
Per dozen	$11.00	13.00	15.00

TWO DOZEN IN A CASE.

BOWLS AND PITCHERS.

No. 17—Seamless pitcher $6\frac{3}{4}\times10\frac{3}{4}$ in., capacity 4 qt., bowl diameter $13\frac{3}{4}$ in., w't per doz. sets 40 lbs., per dozen sets $24.00

PITCHERS, ONE DOZEN; BOWLS, THREE DOZEN IN A CASE.

WASH BASINS.

Nos.	24	26	28
Size	$9\frac{7}{8}\times2\frac{5}{8}$	$10\frac{1}{2}\times2\frac{3}{4}$	11×3 in.
W't per doz.	10	$11\frac{1}{2}$	13 lbs.
Per dozen	$3.50	4.00	4.50

Nos.	30	32
Size	$11\frac{5}{8}\times3\frac{1}{4}$	$12\frac{1}{2}\times3\frac{1}{2}$ in.
W't per doz.	14	16 lbs.
Per dozen	$5.50	6.50

Nos.	34	36
Size	$13\frac{1}{2}\times3\frac{1}{2}$	$14\frac{3}{4}\times3\frac{1}{2}$ in.
W't per doz.	20	24 lbs.
Per dozen	$7.50	8.50

SIX DOZEN IN A CASE.

SPITTOONS.

Removable Top.

No. 20—$9\frac{1}{4}\times4\frac{1}{4}$ in., w't per doz. 20 lbs., per dozen $10.00

No. 30—$11\times5\frac{1}{4}$ in., w't per doz. 36 lbs., per dozen 13.00

SIX DOZEN IN A CASE.

CUSPIDORS.

No. 4—$7\frac{5}{8}\times4\frac{1}{4}$ in., w't per doz. 12 lbs., per dozen $10.00

No. 5—$8\frac{1}{2}\times5\frac{1}{4}$ in., w't per doz. 16 lbs., per dozen 11.00

THREE DOZEN IN A CASE.

WALL SOAP DISHES.

No. 60—$6\frac{1}{8}\times4\times1$ in., w't per doz. 15 lbs. ..... per dozen $4.00

TWELVE DOZEN IN A CASE.

CHAMBERS.

No. $1\frac{1}{2}$—$9\times5\frac{1}{8}$ in., w't per doz. 18 lbs., per dozen ..... $ 9.50

No. 2 —$10\times5\frac{3}{4}$ in., w't per doz. 24 lbs., per dozen 11.50

NO. $1\frac{1}{2}$, TWO DOZEN; NO. 2, ONE DOZEN IN A CASE.

CHAMBER COVERS.

Spun Knob.

No. $01\frac{1}{2}$—For No. $1\frac{1}{2}$ chambers, w't per doz. $9\frac{1}{2}$ lbs. ..... per dozen $3.50

No. 02 —For No. 2 chambers, w't per doz. 11 lbs. ..... per dozen 4.50

SIX DOZEN IN A CASE.

"NU-BLU" ENAMELED WARE.

Three Coats of Enamel, Outside a New Blue, Inside White, Edge Black.

TEA POTS.

Seamless, Enameled Cover, Spun Knob, Hollow Handle.

Nos.	9	11	12
Quarts	1	1½	2
Size	4½×6¼	5×6⅝	5½×6¾ in.
W't per doz.	13	15	18 lbs.
Per dozen	$9.00	10.50	11.50

Nos.	13	14	15
Quarts	3	4	5
Size	6×7¾	6½×7¾	6⅞×8⅜ in.
W't per doz.	21	24	27 lbs.
Per dozen	$13.50	15.00	17.00

NO. 9, THREE DOZEN; NO. 11, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

LIPPED COFFEE POTS.

Seamless, Enameled Cover, Spun Knob, Hollow Handle.

Nos.	9½	11½	12½
Quarts	1	1½	2
Size	4½×6¼	5×6⅝	5½×6¾ in.
W't per doz.	13	15	18 lbs.
Per dozen	$9.00	10.50	11.50

Nos.	13½	14½	15½
Quarts	3	4	5
Size	6×7⅜	6½×7¾	6⅞×8⅜ in.
W't per doz.	21	24	27 lbs.
Per dozen	$13.50	15.00	17.00

NO. 9½, THREE DOZEN; NO. 11½, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

COFFEE BIGGINS.

Nos.	81	91	101
Quarts	¾	1	1½
Bottom	3¾	4⅝	5¼ in.
W't per doz.	11	15	18 lbs.
Per dozen	$11.00	12.00	14.00

Nos.	201	301	401
Quarts	2	3	4
Bottom	5¾	6½	7 in.
W't per doz.	24	27	29 lbs.
Per dozen	$16.00	17.00	19.00

NOS. 81 AND 91, THREE DOZEN; NOS. 101 AND 201, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

COFFEE BOILERS.

Flat Bottom, Enameled Cover, Spun Knob, Tinned Bail.

Nos.	60	70
Quarts	4½	6
Size	8⅛×8⅜	8⅝×9 in.
W't per doz.	30	36 lbs.
Per dozen	$16.00	18.00

Nos.	80	90
Quarts	8½	11½
Size	9⅜×9⅜	10¾×10½ in.
W't per doz.	39	48 lbs.
Per dozen	$20.00	24.00

NO. 90, HALF DOZEN; BALANCE ONE DOZEN IN A CASE.

PRINCESS TEA KETTLES.

Seamless, Flat Bottom, Enameled Cover, Spun Knob, Tinned Bail, Coil or Wood Handle.

Nos.	6	7	8	9
Quarts	4	5	7	8
Bottom	8¼	9	9⅞	10½ in.
W't per doz.	27	36	42	48 lbs.
Per dozen	$17.50	20.25	23.00	27.00

ONE DOZEN IN A CASE.

TEA KETTLE STEAMERS.

No. 50—1½ qt., seamless, without cover (tea kettle cover will fit), for Nos. 7, 8 and 9 tea kettles, w't per doz. 12 lbs., per dozen $6.00

FOUR DOZEN IN A CASE.

"BERLIN" SAUCE POTS.

Enameled Cover, Spun Knob.

Nos.	02	03	04
Quarts	2	3	4
Size	5¼×4	7⅝×4½	8¼×4⅞ in.
W't per doz.	18	21	27 lbs.
Per dozen	$6.50	8.00	10.00

Nos.	06	08
Quarts	6	7
Size	9¼×5¾	10⅜×6 in.
W't per doz.	33	39 lbs.
Per dozen	$12.00	15.00

NOS. 02 AND 03, THREE DOZEN; NO. 04, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

"BERLIN" KETTLES.

Seamless, Enameled Cover, Spun Knob, Tinned Bail.

Nos.	02	03	04
Quarts	2	3	4
Size	5¼×4	7⅝×4½	8¼×4⅞ in.
W't per doz.	18	21	27 lbs.
Per dozen	$6.50	8.00	10.00

Nos.	06	08
Quarts	6	8
Size	9¼×5¾	10⅜×6 in.
W't per doz.	33	39 lbs.
Per dozen	$12.00	15.00

Nos.	010	012
Quarts	10	12
Size	11⅛×6¾	11⅝×7⅛ in.
W't per doz.	51	54 lbs.
Per dozen	$20.00	25.00

NOS. 02 AND 03, THREE DOZEN; NO. 04, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

COVERS.

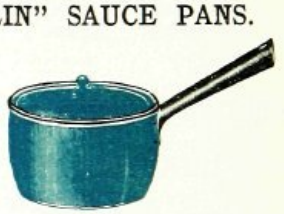
Spun Knob, for "Berlin" Kettles and Sauce Pans.

Nos.	02	03	04	06
W't per doz.	3	4½	5½	6½ lbs.
Per dozen	$2.50	3.00	3.50	4.00

Nos.	08	010	012
W't per doz.	9	11	13 lbs.
Per dozen	$4.50	5.50	6.50

SIX DOZEN IN A CASE.

"BERLIN" SAUCE PANS.



Seamless, Enameled Cover, Spun Knob.

Nos.	02	03	04
Quarts	2	3	4
Size	5⅜×4½	7⅝×4½	8¼×4⅞ in.
W't per doz.	18	24	27 lbs.
Per dozen	$6.50	8.00	10.00

Nos.	06	08
Quarts	6	8
Size	9¼×5¾	10⅜×6 in.
W't per doz.	33	39 lbs.
Per dozen	$12.00	15.00

NOS. 02, 03 AND 04, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

TEA STEEPERS.

Seamless, Enameled Cover, Spun Knob.

No. 1—1½ pt., 4¼×3½ in., w't per doz. 7½ lbs. ..... per dozen $6.00

SIX DOZEN IN A CASE.

"NU-BLU" ENAMELED WARE.

Three Coats of Enamel, Outside a New Blue, Inside White, Edge Black.

LIPPED PRESERVING KETTLES.

Tinned Bail.

Nos	140	160	180
Quarts	1½	2	2½
Size	6⅜×3⅛	7⅛×3⅛	7¾×3⅝ in.
W't per doz.	9	12	15 lbs.
Per dozen	$3.50	4.00	5.00

Nos	200	220	240
Quarts	3	4	5
Size	8¼×3¾	9⅛×4	9⅞×4⅛ in.
W't per doz.	16	18	21 lbs.
Per dozen	$6.00	7.00	8.00

Nos	260	280	300
Quarts	6	8	10
Size	10¾×5	11⅜×5⅜	11⅞×5½ in.
W't per doz.	28	33	36 lbs.
Per dozen	$9.00	10.50	12.50

Nos	320	340	360
Quarts	12	13½	15
Size	12½×6	13½×6½	13¾×6⅝ in.
W't per doz.	40	43	45 lbs.
Per dozen	$15.00	17.00	18.00

NO. 140, SIX DOZEN; NOS. 160, 180, 200, FOUR DOZEN; NO. 220, THREE DOZEN; NOS. 340, 360, ONE AND ONE-HALF DOZEN; BALANCE, TWO DOZEN IN A CASE.

STRONG LIPPED SAUCE PANS.

Nos	14	16	18
Quarts	1½	2	2½
Size	6⅜×3⅛	7⅛×3⅛	7¾×3⅝ in.
W't per doz.	9	12	15 lbs.
Per dozen	$3.50	4.00	5.00

Nos	20	22	24
Quarts	3	4	5
Size	8¼×3¾	9⅛×4	9⅞×4⅛ in.
W't per doz.	16	18	21 lbs.
Per dozen	$6.00	7.00	8.00

Nos	26	28
Quarts	6	7½
Size	10¾×5	11⅜×5⅝ in.
W't per doz.	28	33 lbs.
Per dozen	$9.00	10.50

NOS. 14 AND 16, FOUR DOZEN; NOS. 18 AND 20, THREE DOZEN; BALANCE, TWO DOZEN IN A CASE.

STRAIGHT STOVE KETTLES.

Seamless, Enameled Cover, Spun Knob, Tinned Bail.

No. 440—4 qt., size 7⅝×6½ in., w't per doz. 27 lbs. . . . . per dozen $10.50

No. 470—7 qt., size 9 1/16×6¾ in., w't per doz. 33 lbs. . . . . per dozen 12.50

TWO DOZEN IN A CASE.

STRAIGHT SAUCE PANS.

Seamless, Enameled Cover, Spun Knob.

Nos	100	200	300
Quarts	1	2	3
Size	5×3¾	6¼×4¾	6¾×5½ in.
W't per doz.	14	21	24 lbs.
Per dozen	$6.50	7.50	9.00

Nos	400	600
Quarts	4	6
Size	7⅝×5⅞	8⅝×6⅝ in.
W't per doz.	27	33 lbs.
Per dozen	$10.50	12.50

NO. 100, THREE DOZEN; NO. 600, ONE DOZEN; BALANCE, TWO DOZEN IN A CASE.

ENAMELED COVERS.

Spun Knob, for Straight Kettles and Sauce Pans.

Nos	100	200	300	400	600
W't per doz.	3	4	5	6	7 lbs.
Per dozen	$2.00	2.50	3.00	3.50	4.00

SIX DOZEN IN A CASE.

CEREAL COOKERS.

Enameled Cover, Spun Knob.

Nos	16	18	20
Quarts, steamer	1½	1¾	2
Size	5⅜×4½	5¾×4⅞	6⅜×4⅞ in.
W't per doz.	30	35	39 lbs.
Per dozen	$12.50	15.00	17.50

Nos	22	24
Quarts, steamer	2½	3
Size	6¾×6⅛	7¼×7⅛ in.
W't per doz.	48	60 lbs.
Per dozen	$20.00	22.50

ONE DOZEN IN A CASE.

FRY PANS.

Deep, Lipped.

Nos	1	2	3
Bottom	6½	7	7½ in.
W't per doz.	11	13	15 lbs.
Per dozen	$4.50	5.00	5.50

Nos	4	5	6
Bottom	8	9	10 in.
W't per doz.	16	19	20 lbs.
Per dozen	$6.50	7.50	8.50

NOS. 1 to 4, SIX DOZEN; BALANCE, FOUR DOZEN IN A CASE.

ROUND BAKE PANS.

Nos	18	19	20
Quarts	2	3	4
Size	8⅝×3	9¼×3¼	10¼×3⅜ in.
W't per doz.	12	14	18 lbs.
Per dozen	$4.50	5.00	5.50

Nos	21	22
Quarts	5	6
Size	11×3½	11⅞×3⅝ in.
W't per doz.	20	23 lbs.
Per dozen	$6.50	7.00

SIX DOZEN IN A CASE.

OBLONG BAKE DISHES.

Seamless, Round Cornered.

Top	8×10	8×14	8×17	10×15 in.
W't per doz.	13	20	24	25 lbs.
Per dozen	$5.00	6.50	7.25	7.75

FOUR DOZEN IN A CASE.

DISH PANS.

Extra Deep, Hollow Handles.

Quarts	10	14	17
Size	14½×5	16¼×5⅜	17½×5⅝ in.
W't per doz.	36	45	52 lbs.
Per dozen	$12.50	15.00	17.50

Quarts	21	30
Size	19⅛×6	21×6¾ in.
W't per doz.	60	72 lbs.
Per dozen	$20.00	30.00

ONE DOZEN IN A CASE.

"NU-BLU" ENAMELED WARE.

Three Coats of Enamel, Outside a New Blue, Inside White, Edge Black.

DRINKING CUPS.

Nos. 8 to 11.

No. 0.

Flaring Cups.

Nos	8	9
Size	3¾×1⅞	4×2 in.
W't per doz.	2½	2¾ lbs.
Per dozen	$1.75	2.00

Nos	10	11
Size	4¼×2 3/16	4½×2 5/16 in.
W't per doz.	3	4 lbs.
Per dozen	$2.25	2.50

TWELVE DOZEN IN A CASE.

Straight Cups.

No. 0—2¾×2⅝ in., w't per doz. 3 lbs., per dozen $1.75

TWELVE DOZEN IN A CASE.

CHILDREN'S MUGS.

Nos	3	5	18
Pints	½	1	1½
Size	3½×2⅞	4×3¼	4½×4 in.
W't per doz.	4	5	7 lbs.
Per dozen	$2.50	3.00	5.00

NOS. 3 AND 5, TWELVE DOZEN; NO. 18, SIX DOZEN IN A CASE.

MINERS' CUPS.

No. 100.

No. 200.

No. 100—1 qt., size 4⅞×5⅛ in., w't per doz. 9 lbs. ..... per dozen $4.75

No. 200—1½ qt., size 6⅛×5⅛ in., w't per doz. 13 lbs. ..... per dozen 6.50

NO. 100, SIX DOZEN; NO. 200, THREE DOZEN IN A CASE.

CUPS AND SAUCERS.

No. 0½—Cups, 4×2 in., w't per doz. 3 lbs. ..... per dozen $2.00

No. 1½—Saucers, 6⅛×7⅛ in., w't per doz. 3 lbs. ..... per dozen 2.00

No. 01½—Cups and saucers, w't per doz. 6 lbs. ..... per dozen 4.00

CUPS, TWELVE DOZEN; SAUCERS, TWENTY-FOUR DOZEN IN A CASE.

PIE PLATES.

Shallow.

No. 9—9⅛×¾ in., w't per doz. 7 lbs., per dozen $2.25

No. 10—9¾×1 in., w't per doz. 8 lbs., per dozen 2.75

TWELVE DOZEN IN A CASE.

Deep.

No. 09—8⅞×1⅛ in., w't per doz. 8 lbs., per dozen $2.50

No. 010—9¾×1¼ in., w't per doz. 9 lbs., per dozen 3.00

TWELVE DOZEN IN A CASE.

JELLY CAKE PANS.

Shallow.

No. 9—9×1½ in., w't per doz. 8 lbs., per dozen $2.75

No. 10—10×1½ in., w't per doz. 9 lbs., per dozen 3.00

Deep.

No. 09—9×7⅛ in., w't per doz. 9 lbs., per dozen $3.00

No. 010—10×7⅛ in., w't per doz. 12 lbs., per dozen 3.50

TWELVE DOZEN IN A CASE.

MOUNTAIN CAKE PANS.

No. 9—9×1¼ in., w't per doz. 8 lbs., per dozen $3.50

No. 10—10×1¼ in., w't per doz. 9 lbs., per dozen 4.00

DINNER PLATES.

No. 109—9⅛×¾ in., flat bottom, w't per doz. 7 lbs ..... per dozen $3.25

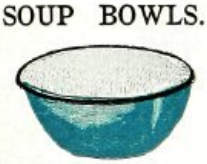
TWELVE DOZEN IN A CASE.

SOUP PLATES.

No. 35—9 3/16×1½ in., w't per doz. 8 lbs., per dozen $4.25

TWELVE DOZEN IN A CASE.

SOUP BOWLS.



No. 125—6 1/16×2⅞ in., w't per doz. 5½ lbs. ..... per dozen $2.75

TWELVE DOZEN IN A CASE.

MOLASSES PITCHERS.

No. 1—1½ pts., seamless, heavy nickel plated spring top, w't per doz. 7½ lbs., per dozen $9.00

FOUR DOZEN IN A CASE.

SEAMLESS MILK KETTLES.

Retinned Cover, Tinned Bail.

Nos	71	72
Quarts	1	2
Size	4⅝×7¼	5¼×9¼ in.
W't per doz.	9	12 lbs.
Per dozen	$6.00	8.00

Nos	73	74
Quarts	3	4
Size	6×10¼	6⅝×10½ in.
W't per doz.	18	21 lbs.
Per dozen	$10.00	12.00

NO. 74, ONE DOZEN; BALANCE, TWO DOZEN IN A CASE.

SEAMLESS COVERED BUCKETS.

Straight, Retinned Cover, Tinned Bail.

Nos	100	200	300
Quarts	1	2	3
Size	5×3⅞	6¼×4¾	6¾×5⅝ in.
W't per doz.	12	18	24 lbs.
Per dozen	$5.25	6.25	7.75

Nos	400	600	800
Quarts	4	6	9
Size	7⅝×5⅞	8⅝×6½	9⅛×8⅛ in.
W't per doz.	27	32	38 lbs.
Per dozen	$9.75	10.50	14.00

NOS. 100 AND 200, THREE DOZEN; NOS. 600 AND 800, ONE DOZEN; BALANCE, TWO DOZEN IN A CASE.

"NU-BLU" ENAMELED WARE.

Three Coats of Enamel, Outside a New Blue, Inside White, Edge Black.

MILK PANS.

Seamless, Straight.

Nos.	½	1	1½
Quarts	½	1	1½
Size	6×1⅜	6¾×1¾	7½×2 1/16 in.
W't per doz.	5	5½	7 lbs.
Per dozen	$2.25	2.50	3.00

Nos.	2	3	4
Quarts	2	3	4
Size	8½×2 1/16	8⅞×2⅜	10⅝×2½ in.
W't per doz.	8	9	17 lbs.
Per dozen	$3.50	4.00	5.00

Nos.	5	6
Quarts	5	6
Size	11⅝×2⅝	12⅜×2¾ in.
W't per doz.	19	21 lbs.
Per dozen	$5.50	6.00

Nos.	8	10
Quarts	8	10
Size	13¼×2⅞	14⅛×3 in.
W't per doz.	26	28 lbs.
Per dozen	$6.75	8.00

NOS. ½ TO 5, SIX DOZEN; NOS. 6 TO 10, THREE DOZEN IN A CASE.

PUDDING PANS.

Round.

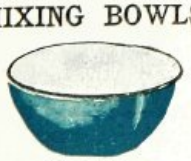
Nos.	16	17	18
Quarts	1	1½	2
Size	7⅛×2½	7¾×2⅞	8⅝×3 in.
W't per doz.	7	9	11 lbs.
Per dozen	$3.00	3.50	4.00

Nos.	19	20
Quarts	3	4
Size	9¼×3¼	10¼×3⅜ in.
W't per doz.	13	17 lbs.
Per dozen	$4.50	5.00

Nos.	21	22
Quarts	5	6
Size	11×3½	11⅞×3⅝ in.
W't per doz.	19	22 lbs.
Per dozen	$5.50	6.50

SIX DOZEN IN A CASE.

MIXING BOWLS.



Seamless.

Nos.	12	16
Quarts	1	2
Size	6 1/16×2⅞	7⅛×3⅛ in.
W't per doz.	6	8 lbs.
Per dozen	$3.00	4.00

Nos.	20	24
Quarts	3	5
Size	8¼×3¾	10×4⅛ in.
W't per doz.	11	16 lbs.
Per dozen	$5.00	6.50

NOS. 12 AND 16, TWELVE DOZEN, BALANCE, SIX DOZEN IN A CASE.

ENGLISH MIXING BOWLS.

Nos.	24	28
Quarts	2½	4
Size	9¼×3¼	11×4¼ in.
W't per doz.	16	21 lbs.
Per dozen	$6.50	8.00

Nos.	32	36
Quarts	6	9
Size	12½×4¾	14¼×5¼ in.
W't per doz.	23	28 lbs.
Per dozen	$10.00	12.00

NO. 36, THREE DOZEN; BALANCE, SIX DOZEN IN A CASE.

FLARING DIPPERS.

Flat Handle.

Nos.	110	111
Size	4¼×2	4⅝×2¼ in.
W't per doz.	5	5½ lbs.
Per dozen	$2.75	3.25

Nos.	112	113
Size	4¾×2¼	5×2⅜ in.
W't per doz.	6	6½ lbs.
Per dozen	$3.75	4.50

SIX DOZEN IN A CASE.

WINDSOR DIPPERS.

Round Handle.

Nos.	410	412	414
Size	4¾×2⅝	5½×3 1/16	6¾×3 3/16 in.
Capacity	½	1	2 qts.
W't per doz.	10	11	12 lbs.
Per dozen	$4.00	5.00	6.00

SIX DOZEN IN A CASE.

EXTRA STRONG DIPPERS.

Threaded Handle.

No. 12—5¼×3¼ in., capacity 1 qt., w't per doz. 9 lbs. ..... per dozen $6.50

No. 14—6×3½ in., capacity 2 qts., w't per doz. 13 lbs. ..... per dozen 7.25

SIX DOZEN IN A CASE.

COCOA SHAPED DIPPERS.

No. 55—1 pt., size 3×3 in., round handle, w't per doz. 6 lbs. ..... per dozen $5.00

SIX DOZEN IN A CASE.

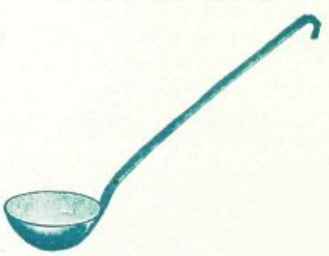
FLAT SKIMMERS.

Flat Handle.

Nos.	10	11	12
Size	3⅞×1 1/16	4¼×1⅝	4⅝×1⅞ in.
W't per doz.	4	4½	6 lbs.
Per dozen	$2.00	2.20	2.40

ONE DOZEN IN A PACKAGE.

DEEP LADLES.

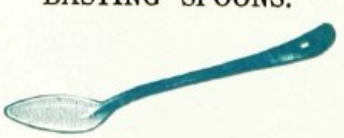


Flat Handle.

Nos.	10	11	12
Size	3⅞×1⅝	4⅜×1¾	4¾×2 in.
W't per doz.	4	4¼	4½ lbs.
Per dozen	$2.40	2.60	2.80

ONE DOZEN IN A PACKAGE.

BASTING SPOONS.



Threaded Handle.

Length	10	12	14 in.
W't per doz.	2½	3	3½ lbs
Per dozen	$1.75	2.00	2.50

Length	16	18 in.
W't per doz.	4	4¼ lbs.
Per dozen	$3.00	3.50

ONE DOZEN IN A PACKAGE.

"NU-BLU" ENAMELED WARE.

Three Coats of Enamel, Outside a New Blue, Inside White, Edge Black.

ROUND DINNER PAILS.

No. 45—5 qt. miners', seamless, with tray, tin or enameled cover, size of pail 6¾×8¾ in., size of tray 4½×7¼ in., w't per doz. 46 lbs ..... per dozen $18.00

ONE DOZEN IN A CASE.

OVAL DINNER PAILS.

No. 40—Seamless, with tray, enameled cover, cover locked on by bail, size of pail 9×6¾×4½ in., size of tray 9×6¾×3½ in., w't per doz. 45 lbs., per dozen..... $28.00

ONE DOZEN IN A CASE.

FLARING WATER PAILS.

Seamless, Flat Bottom, Tinned Bail, Enameled Wood Handle.

Nos.	208	210
Quarts	8	10
Size	9⅝×7	10½×7⅞ in.
W't per doz.	28	39 lbs.
Per dozen	$12.75	15.00

Nos.	212	214
Quarts	12	14
Size	11⅜×8½	12×9½ in.
W't per doz.	45	54 lbs.
Per dozen	$18.00	21.00

NO. 208, THREE DOZEN; BALANCE, ONE DOZEN IN A CASE.

SEAMLESS CHAMBER PAILS.

No. 2—10½×9¼ in., enameled cover, spun knob, tinned bail, enameled wood handle, w't per doz. 51 lbs., per dozen..... $29.00

HALF DOZEN IN A CASE.

SEAMLESS WATER PITCHERS.

Nos.	20	30	40
Quarts	2	3	4
Size	5⅜×7¾	5⅞×8¾	6½×8⅞ in.
W't per doz.	12	15	18 lbs.
Per dozen	$11.00	13.00	15.00

TWO DOZEN IN A CASE.

BOWLS AND PITCHERS.

No. 17—Seamless pitcher 6¾×11 in., capacity 4 qts., bowl with paneled bottom or foot, diam. 13 in., w't per doz. sets 40 lbs..... per dozen sets $24.00

TWO DOZEN IN A CASE.

WASH BASINS.

Nos.	24	26	28
Size	9⅞×2⅝	10½×2¾	11×3 in.
W't per doz.	10	11½	13 lbs.
Per dozen.	$3.50	4.00	4.50

Nos.	30	32	36
Size	11⅝×3¼	12½×3½	14¾×3½ in.
W't doz..	14	16	24 lbs.
Per dozen	$5.50	6.50	8.50

SIX DOZEN IN A CASE.

SPITTOONS.

Removable Top.

No. 20—9¼×4¼ in., w't per doz. 20 lbs..... per dozen $10.00

No. 30—11×5¼ in., w't per doz. 36 lbs., per dozen..... 13.00

SIX DOZEN IN A CASE

CUSPIDORS.

No. 4—7⅝×4¼ in., w't per doz. 12 lbs., per dozen..... $10.00

No. 5—8½×5¼ in., w't per doz. 16 lbs., per dozen..... 11.00

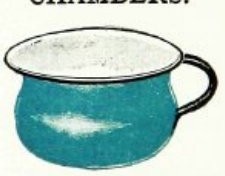
THREE DOZEN IN A CASE.

WALL SOAP DISHES.

No. 60—6⅜×4×1 in., w't per doz. 15 lbs., per dozen..... $4.00

TWELVE DOZEN IN A CASE.

CHAMBERS.



No. 1½—9×5⅛ in., w't per doz. 18 lbs., per dozen..... $ 9.50

No. 2 —10×5¾ in., w't per doz. 24 lbs..... per dozen 11.50

NO. 1½, TWO DOZEN; NO. 2, ONE DOZEN IN A CASE.

CHAMBER COVERS.

Spun Knob.

No. 01½—For No. 1½ chambers, w't per doz. 9½ lbs..... per dozen $3.50

No. 02 —For No. 2 chambers, w't per doz. 11 lbs..... per dozen 4.50

SIX DOZEN IN A CASE.

REV-O-NOC ENAMELED WARE.

Two Coats of Best Quality Enamel on Heavy Steel Base. Beautifully Mottled Blue and White Inside and Out.

TEA POTS.

Embossed Cover, Wood Knob, Enameled Iron Handle.

Nos.	011	012	013	014	
Quarts	1½	2	3	4	
W't per case	32	40	43	50	lbs.
Per dozen	$8.50	9.50	10.50	11.50	

ONE DOZEN IN A CASE.

COFFEE POTS.

Embossed Cover, Wood Knob, Enameled Iron Handle.

Nos.	011½	012½	013½	014½	
Quarts	1½	2	3	4	
W't per case	32	40	47	51	lbs.
Per dozen	$8.00	9.00	10.00	11.00	

ONE DOZEN IN A CASE.

COFFEE BIGGINS.

Tinned Top and Cover, Wood Knob, Enameled Iron Handle.

Nos.	0½	00	010	
Quarts	¾	1	1½	
W't per case	27	33	35	lbs.
Per dozen	$8.00	9.00	10.50	
Nos.	020		030	
Quarts	2		3	
W't per case	43		50	lbs.
Per dozen	$12.00		14.00	

ONE DOZEN IN A CASE.

COFFEE BOILERS.

Retinned Cover, Wood Knob.

Nos.	70	80	
Quarts (actual cap'ty)	6	8	
W't per case	80	98	lbs.
Per dozen	$15.00	18.00	

ONE DOZEN IN A CASE.

TEA KETTLES.

Enameled Cover, Wood Knob, Lock Bail.

Nos.	7	8	9	
Quarts	5	7	8	
W't per case	64	81	85	lbs.
Per dozen	$15.00	17.50	21.00	

ONE DOZEN IN A CASE.

"BERLIN" SAUCE PANS.

Retinned Cover, Wood Knob, Strong Handle.

Nos.	03	04	
Quarts (actual cap'cy)	2	3	
Size	7⅛×3⅞	8⅛×4⅝	in.
W't per case	95	122	lbs.
Per dozen	$7.00	8.50	
Nos.	06	08	
Quarts (actual cap'cy)	5	7	
Size	9⅛×5⅛	10×5⅝	in.
W't per case	100	125	lbs.
Per dozen	$10.50	12.00	

NOS. 03 AND 04, THREE DOZEN; BALANCE, TWO DOZEN IN A CASE.

"BERLIN" KETTLES.

Retinned Cover, Wood Knob, Tinned Bail, Black Enameled Wood Grip.

Nos.	03	04	06	
Quarts (actual cap'cy)	2	3	5	
Size	7⅛×3⅞	8⅛×4⅝	9⅛×5⅛	in.
W't per case	95	137	108	lbs.
Per dozen	$7.00	8.50	10.50	
Nos.		08	010	
Quarts (actual cap'cy)		7	10	
Size		10×5⅝	10⅝×6¾	in.
W't per case		125	77	lbs.
Per dozen		$12.00	15.00	

NOS. 03 AND 04, THREE DOZEN; NOS. 06 AND 08, TWO DOZEN; NO. 010, ONE DOZEN IN A CASE.

CONVEX SAUCE POTS.

Retinned Cover, Wood Knob.

Nos.	06	08	010	
Quarts (actual cap'cy)	5	7	10	
Size	9⅛×5⅛	10×5⅝	10⅝×6¾	in.
W't per case	108	125	77	lbs.
Per dozen	$10.50	12.00	15.00	

NOS. 06 AND 08, TWO DOZEN; NO. 010, ONE DOZEN IN A CASE.

LIPPED SAUCE PANS.

Extra Strong Handle.

Nos.	16	18	
Quarts (actual cap'cy)	2	2½	
Size	7⅜×3	8⅛×3¼	in.
W't per case	38	44	lbs.
Per dozen	$4.00	4.50	
Nos.	20	22	
Quarts (actual cap'cy)	3	4	
Size	8⅝×3½	9¼×3½	in.
W't per case	60	66	lbs.
Per dozen	$5.25	6.00	
Nos.	24	25	26
Quarts (actual cap'cy)	5	5½	6
Size	10⅛×4	10⅝×4¼	11⅛×4¼ in.
W't per case	80	80	93 lbs.
Per dozen	$6.75	7.25	7.50

NOS. 16 TO 24, THREE DOZEN; BALANCE, TWO DOZEN IN A CASE.

LIPPED PRESERVING KETTLES.

Tinned Bail, Black Enameled Wood Grip.

Nos.	200	220	240	
Quarts	3	4	5	
Size	8⅝×3½	9¼×3½	10⅛×4	in.
W't per case	54	61	74	lbs.
Per dozen	$5.25	6.00	6.75	
Nos.	250	260	280	
Quarts	5½	6	8	
Size	10⅝×4¼	11⅛×4¼	11½×5	in.
W't per case	60	70	80	lbs.
Per dozen	$7.25	7.50	9.00	
Nos.		300	360	
Quarts		10	14	
Size		12⅛×5¼	14⅛×6¼	in.
W't per case		91	79	lbs.
Per dozen		$11.00	16.00	

NOS. 200 TO 240, THREE DOZEN; NOS. 250 TO 300, TWO DOZEN; NO. 360, ONE DOZEN IN A CASE.

DUCHESS KETTLES.

Self-draining, Retinned Lock Cover, Wood Knob, Tinned Bail with Wood Grip.

Nos.	40	50	60	
Quarts (actual capacity)	4	5	6	
Size	8½×4¾	9¼×5	10×5¼	in.
W't per case	70	62	67	lbs.
Per dozen	$8.50	10.00	11.00	
Nos.		70	100	
Quarts (actual cap'cy)		7	10	
Size		10¼×5½	12×6	in.
W't per case		71	92	lbs.
Per dozen		$13.00	16.50	

NO. 40, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

WEIGHTS GIVEN ARE THE APPROXIMATE SHIPPING WEIGHTS.

REVONOC ENAMELED WARE.

Two Coats of Best Quality Enamel on Heavy Steel Base. Beautifully Mottled Blue and White Inside and Out.

TEA POTS.

Embossed Tin Cover, Seamed, Wood Knob, Enameled Iron Handle.

Nos.	011	012	013	014
Quarts (listed capacity)	1½	2	3	4
W't per doz.	13	15	18	20 lbs.
Per dozen	$8.50	9.50	10.50	11.50

Plain Enameled Cover, Wood Knob, Enameled Iron Handle.

Nos.	1	2	3	4
Quarts (listed capacity	1½	2	3	4
W't per doz.	13	15	18	20 lbs.
Per dozen	$9.50	10.50	11.50	12.50

TWO DOZEN IN A CASE.

Enameled Cover, Seamless, Wood Knob, Enameled Iron Handle.

Nos.	12	13
Quarts (listed capt'y)	2	3
W't per doz.	16	18 lbs.
Per dozen	$12.50	14.00

ONE DOZEN IN A CASE

COFFEE POTS.

Embossed Tin Cover, Seamed, Wood Knob, Enameled Iron Handle.

Nos.	011½	012½	013½	014½	015½
Quarts (listed capacity)	1½	2	3	4	5
W't per doz.	13	15	18	21	24 lbs.
Per dozen	$8.00	9.00	10.00	11.00	12.50

Plain Enameled Cover, Wood Knob, Enameled Iron Handle.

Nos.	1½	2½	3½	4½
Quarts (listed capacity	1½	2	3	4
W't per doz.	13	15	18	21 lbs.
Per dozen	$9.00	10.00	11.00	12.00

TWO DOZEN IN A CASE.

Enameled Cover, Seamless, Wood Knob, Enameled Iron Handle.

Nos.	12½	13½
Quarts (listed capcity)	2	3
W't per doz.	16	21 lbs.
Per dozen	$12.00	13.50

ONE DOZEN IN A CASE.

COFFEE BIGGINS.

Tinned Top and Embossed Tin Cover, Wood Knob, Enameled Iron Handle.

Nos.	0½	00	010
Quarts (listed capacity)	¾	1	1½
W't per doz.	15	17	19 lbs.
Per dozen	$8.00	9.00	10.50

Nos.	020	030
Quarts (listed capacity)	2	3
W't per doz.	21	24 lbs.
Per dozen	$12.00	14.00

TWO DOZEN IN A CASE.

COFFEE BOILERS.

Retinned Cover, Wood Knob.

Nos.	70	80	90
Quarts (actual cap'ty)	6	8	11
W't per doz.	30	35	40 lbs.
Per dozen	$15.00	18.00	23.00

NOS. 70 AND 80, TWO DOZEN; NO. 90, ONE DOZEN IN A CASE.

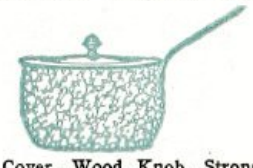
TEA KETTLES.

Enameled Cover, Wood Knob, Lock Bail.

Nos.	6	7	8	9
Quarts (listed capacity	4	5	7	8
W't per doz.	21	24	30	36 lbs.
Per dozen	$13.50	15.00	17.50	21.00

TWO DOZEN IN A CASE.

"BERLIN" SAUCE PANS.



Retinned Cover, Wood Knob, Strong Handle.

Nos.	03	04
Quarts (actual cap'ty)	2	3
Size	7⅛×3⅞	8⅛×4⅝ in.
W't per doz.	13	18 lbs.
Per dozen	$7.00	8.50

Nos.	06	08
Quarts (actual cap'ty)	5	7
Size	9⅛×5⅛	10×5⅝ in.
W't per doz.	25	27 lbs.
Per dozen	$10.50	12.00

NOS. 03 AND 04, THREE DOZEN; BALANCE, TWO DOZEN IN A CASE.

"BERLIN" KETTLES.

Retinned Cover, Wood Knob, Tinned Bail, Black Enameled Wood Knob.

Nos.	03	04	06
Quarts (actual capacity)	2	3	5
Size	7⅛×3⅞	8⅛×4⅝	9⅛×5⅛ in.
W't per doz.	12	17	22 lbs.
Per dozen	$7.00	8.50	10.50

Nos.	08	010
Quarts (actual cap'ty)	7	10
Size	10×5⅝	10⅝×6¾ in.
W't per doz.	24	36 lbs.
Per dozen	$12.00	15.00

NO. 03, SIX DOZEN; NO. 04, THREE DOZEN; NOS. 06 AND 08 TWO DOZEN; NO. 010, ONE DOZEN IN A CASE.

CONVEX SAUCE POTS.

Retinned Cover, Wood Knob.

Nos.	06	08	010
Quarts (actual cap'ty)	5	7	10
Size	9⅛×5⅛	10×5⅝	10⅝×6¾ in.
W't per doz.	21	26	35 lbs.
Per dozen	$10.50	12.00	15.00

NOS. 06 AND 08, TWO DOZEN; NO. 010, ONE DOZEN IN A CASE.

STRAIGHT SEAMED SAUCE PANS.

Retinned Cover, Wood Knob, Strong Handle

Nos.	120	130	140
Quarts (actual capacity)	2	3	4
Size	6¾×4	7¾×4½	8½×5¼ in.
W't per doz.	12	18	24 lbs.
Per dozen	$5.50	6.50	8.00

NOS. 120 AND 130, THREE DOZEN; NO. 140, TWO DOZEN IN A CASE.

CEREAL COOKERS.

Retinned Cover, Wood Knob, Strong Handles

Nos.	020	030	040
Quarts (listed capacity inside boiler)	2	3	4
W't per doz.	24	30	36 lbs.
Per dozen	$10.25	13.50	16.50

TWO DOZEN IN A CASE.

H.S.B.&CO. REV-O-NOC ENAMELED WARE.

Two Coats of Best Quality Enamel on Heavy Steel Base, Beautifully Mottled Blue and White Inside and Out.

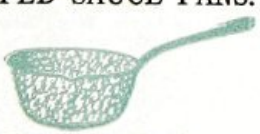
LIPPED PRESERVING KETTLES.

Tinned Bail, Black Enameled Wood Grip.

Nos	200	220	240
Quarts (listed capacity)	3	4	5
Size	8⅝×3½	9¼×3½	10⅛×4 in.
W't per doz.	12	14	17 lbs.
Per dozen	$5.25	6.00	6.75
Nos.	**250**	**260**	**280**
Quarts (listed capacity)	5½	6	8
Size	10⅝×4¼	11⅛×4¼	11½×5 in.
W't per doz.	18	21	23 lbs.
Per dozen	$7.25	7.50	9.00
Nos	**300**	**320**	**360**
Quarts (listed capacity)	10	12	14
Size	12⅛×5¼	13¼×5½	14⅛×6¼ in.
W't per doz.	25	32	39 lbs.
Per dozen	$11.00	13.00	16.00

NOS. 200 TO 240, SIX DOZEN; NOS. 250 AND 260, FOUR DOZEN; NOS. 280 AND 300, THREE DOZEN NOS. 320 AND 360 TWO DOZEN IN A CASE.

LIPPED SAUCE PANS.

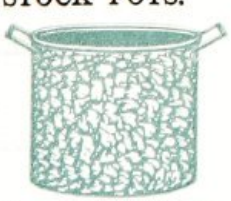


Extra Strong Handle.

Nos	12	14	16
Quarts (listed cap'ty)	1	1½	2
Size	6×2¾	6½×3	7⅜×3 in.
W't per doz.	5½	6½	9 lbs.
Per dozen	$3.25	3.50	4.00
Nos.	**18**	**20**	**22**
Quarts listed capacity).	2½	3	4
Size	8⅛×3¼	8⅝×3½	9¼×3½ in.
W't per doz.	11	14	15 lbs.
Per dozen	$4.50	5.25	6.00
Nos.	**24**	**25**	**26**
Quarts (listed capt'y)	5	5½	6
Size	10⅛×4	10⅝×4¼	11⅛×4¼ in.
W't per doz.	17	19	25 lbs.
Per dozen	$6.75	7.25	7.50

NOS. 12 TO 16, TWELVE DOZEN; NOS. 18 TO 22, SIX DOZEN; BALANCE, FOUR DOZEN IN A CASE.

STOCK POTS.



Seamless with Tinned Covers.

Nos	10	12	14
Size	9⅝×7½	10⅝×8	11×8¼ in.
W't per doz.	29	35	42 lbs.
Per dozen	$15.25	17.00	20.00

Seamed with Tinned Covers.

Nos	028	030	032
Size	11¾×9¼	12⅜×10	12¼×10¾ in.
W't per doz.	42	48	54 lbs.
Per dozen	$24.00	27.00	30.00

ONE DOZEN IN A CASE.

DUCHESS KETTLES.

Self-draining, Retinned Lock Cover, Wood Knob, Tinned Bail with Wood Grip.

Nos	40	50	60
Quarts (actual cap'ty)	4	5	6
Size	8½×4¾	9¼×5	10×5¼ in.
W't per doz.	18	24	30 lbs.
Per dozen	$8.50	10.00	11.00
Nos.		**70**	**100**
Quarts (actual cap'ty)		7	10
Size		10¼×5½	12×6 in.
W't per doz.		32	36 lbs.
Per dozen		$13.00	16.50

NO. 40, THREE DOZEN; NOS. 50 TO 70, TWO DOZEN; NO. 100 ONE DOZEN IN A CASE.

SEAMLESS POTS FOR FIRELESS COOKERS.

With Heavy Aluminum Covers.

Nos.	40	60	100	120
Size	8×5½	8¾×6¼	9¾×7½	11×18 in.
W't per doz.	22	24	30	42 lbs.
Per dozen	$15.00	18.00	22.50	26.25

The covers are sunk and the handles arranged in a manner that brings them flush with the edges making the entire top even. The hinged lugs lock the cover, producing a tight fit.

NOS. 40 AND 60, TWO DOZEN; NO. 100 ONE DOZEN IN A CASE.

COMBINATION COOKERS AND STEAMERS.

No. 1—8¾×10 in., with enameled cover, w't per doz. 54 lbs. ..... per dozen $24.00

Besides being a steam cooker, the large kettle may be used as a stock pot and the steamer makes a good cullender.

FOUR DOZEN IN A CASE.

COMBINATION ROASTERS AND BAKERS.

Round, Seamless, with Corrugated Bottom.

No. 6—Size 12×6 in., w't per doz. 37 lbs. ..... per dozen $14.50

Suitable for either game or meat roasts. Also adapted for baking apples, beans, potatoes, meat pie, scalloped oysters, etc. The individual pan may be used for all ordinary mixing and baking purposes.

ONE DOZEN IN A CASE.

ROASTERS.

Round, Seamless Bottom and Heat Retaining Jacket in One Piece.

No. 60—Diameter 13 in., height 6½ in., w't per doz. 57 lbs. ..... per dozen $22.50

ONE DOZEN IN A CASE.

BREAD RAISERS.

Retinned Cover, Iron Handles.

Nos	310	314
Size	14⅜×5½	15⅝×5¾ in.
W't per doz.	39	48 lbs.
Per dozen	$17.00	20.00

ONE DOZEN IN A CASE.

DISH PANS.

Extra Deep, Hollow Steel Handles.

Nos	510	514
Quarts (listed capt'y)	10	14
Size	13⅝×4¼	15⅝×5¼ in.
W't per doz.	24	33 lbs.
Per dozen	$11.00	13.00
Nos	**517**	**521**
Quarts (listed capt'y)	17	21
Size	17⅛×5¼	18⅛×6 in.
W't per doz.	42	57 lbs.
Per dozen	$15.00	18.00

NOS. 510 TO 517, TWO DOZEN; NO. 521, ONE DOZEN IN A CASE.

Rinsing Pans.

14 qt., 15½×5 in., w't per doz. 27 lbs., per dozen $12.00

TWO DOZEN IN A CASE.

REV-O-NOC ENAMELED WARE.

Two Coats of Best Quality Enamel on Heavy Steel Base. Beautifully Mottled Blue and White Inside and Out.

MILK PANS.

Round Edge.

Nos.	31	32	33	
Quarts (listed capacity)	1	2	3	
Size	6⅞×1⅝	8¼×2	9×2⅛	in.
W't per doz.	4	6	8	lbs.
Per dozen	$2.50	3.00	3.50	

Nos.	34	36	
Quarts (listed capacity)	4	6	
Size	10⅞×2¼	12½×2⅝	in.
W't per doz.	12	14	lbs.
Per dozen	$4.50	5.50	

Nos.	38	310	
Quarts (listed capacity)	8	10	
Size	13⅜×2¾	14×3	in.
W't per doz.	16	18	lbs.
Per dozen	$6.50	7.50	

NOS. 31 TO 33, TWELVE DOZEN; BALANCE SIX DOZEN IN A CASE.

PUDDING PANS.

Extra Deep, Round Edge.

Nos.	16	17	18	
Quarts (listed capacity)	1	1½	2	
Size	7⅜×2¼	8⅛×2½	8½×2¾	in.
W't per doz.	6	6½	7	lbs.
Per dozen	$3.00	3.25	3.75	

Nos.	19	20	
Quarts (listed capt'y)	3	4	
Size	9¼×3	9¾×3⅛	in.
W't per doz.	8	9	lbs.
Per dozen	$4.00	4.50	

Nos.	21	22	
Quarts (listed capt'y)	5	6	
Size	10¾×3⅜	11½×3⅝	in.
W't per doz.	12	14	lbs.
Per dozen	$5.00	6.00	

NOS. 16 TO 19, TWELVE DOZEN; NO. 20, NINE DOZEN; BALANCE SIX DOZEN IN A CASE.

COLANDERS.

No. 1306—Improved seamless, 10¾×4⅜ in., w't per doz. 15 lbs. ..... per dozen $7.50

SIX DOZEN IN A CASE.

SINK STRAINERS.

8×3 in., seamless, octagonal, with feet, w't per doz. 8½lbs. ..... per dozen $5.65

SIX DOZEN IN A BOX.

MIXING BOWLS.

Seamless.

Nos.	16	20	24	
Quarts (listed capacity)	2	3	5	
Size	7⅜×3¼	8⅜×4	10×4⅜	in.
W't per doz.	7	9	14	lbs.
Per dozen	$3.50	4.50	6.00	

NOS. 16 AND 20, TWELVE DOZEN; NO. 24, SIX DOZEN IN A CASE.

FLARING WATER PAILS.

Seamless, Tinned Bail, Wood Grip.

Nos.	211	213	
Quarts (actual capacity)	11	13	
Size	11⅛×8¾	11½×9⅛	in.
W't per doz.	35	41	lbs.
Per dozen	$14.00	16.00	

No. 110—Seamless, 10 qt. (listed capacity), size 10¼×8½ in., w't per doz. 27 lbs. ..... per dozen $13.00

TWO DOZEN IN A CASE.

STRAIGHT COVERED BUCKETS.

Seamed, One-piece Retinned Cover, Wood Knob.

Nos.	200	300	
Quarts (actual capacity)	2	3	
Size	6⅜×4⅛	7×5	in.
W't per doz.	13	15	lbs.
Per dozen	$5.50	6.50	

Nos.	400	600	
Quarts (actual capacity)	4	6	
Size	7¾×5½	8⅝×6⅛	in.
W't per doz.	18	24	lbs.
Per dozen	$8.00	10.00	

NOS. 200 AND 300, FOUR DOZEN; NO. 400, THREE DOZEN; NO. 600, TWO DOZEN IN A CASE.

DINNER BUCKETS.

No. 140—5½ qts, miners', round pattern, size 7⅛×8⅛ in., seamless, retinned cover fitting over outside, with case, no cup or tray, w't per doz. 39 lbs. ..... per dozen $15.00

TWO DOZEN IN A CASE.

No. 14—5 qt., miners', round pattern, size 8⅜×7¾ in., retinned cover fitting inside of case, no cup or tray, w't per doz. 39 lbs. ..... per dozen $15.00

TWO DOZEN IN A CASE.

No. 25—Oblong, 9¼×6⅞ in., with coffee case and cup, enameled cover, self-locking bail, w't per doz. 40 lbs., per dozen $25.50

TWO DOZEN IN A CASE.

No. 45—Il-a-noy, round, seamless, enameled cover locked on by bail, size 6¾×7¼ in., tray 7¼×4½ in., two coats of enamel, mottled outside with white lining, w't per doz. 45 lbs. per dozen $18.00

ONE DOZEN IN A CASE.

MILK KETTLES.

Retinned Cover, Iron Handle, Wood Grip.

Quarts	1	2	
Size	6⅜×3	7¼×3½	in.
W't per doz.	12	15	lbs.
Per dozen	$3.00	7.50	

FOUR DOZEN IN A CASE.

REV-O-NOC ENAMELED WARE.

Two Coats of Best Quality Enamel on Heavy Steel Base. Beautifully Mottled Blue and White Inside and Out.

DRINKING CUPS.

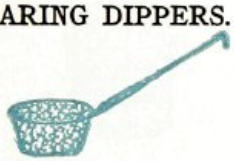
Nos.	9	10
Size	4⅛×2¼	4⅜×2½ in.
W't per doz.	2½	4 lbs.
Per dozen	$2.00	2.25

TWENTY-FOUR DOZEN IN A CASE.

No. 5—Seamless, size 4⅛×2⅛ in., w't per doz 4 lbs.....per dozen $2.25

TWELVE DOZEN IN A CASE.

FLARING DIPPERS.

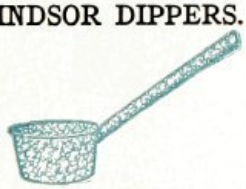


Black Enameled Handle

Nos.	110	112
Size	4⅜×2⅜	4½×2½ in.
W't per doz.	4½	5 lbs.
Per dozen	$3.00	3.50

TWELVE DOZEN IN A CASE.

WINDSOR DIPPERS.



Round Edge.

Nos.	400	410
Quarts	½	¾
Size	4⅜×2⅜	4¾×2½ in.
W't per doz.	6	7 lbs.
Per dozen	$3.50	4.00

Nos.	412	414
Quarts	1	2
Size	5¼×2¾	6¼×3 in.
W't per dozen	9	11 lbs.
Per dozen	$4.50	5.00

NOS. 400 AND 410, TWELVE DOZEN; BALANCE SIX DOZEN IN A CASE.

SOUP LADLES.

No. 38—3½×1⅝ in., extra deep bowl, w't per doz. 3 lbs.....per dozen $2.50

TWENTY-FOUR DOZEN IN A CASE.

BASTING SPOONS.

Heavy Threaded Handle

Length	12	14 in.
W't per doz.	2¼	2½ lbs.
Per dozen	$1.75	2.00

TWENTY-FOUR DOZEN IN A CASE.

SAUCERS.

No. 1½—Diameter 6⅛ in. w't per doz. 5 lbs.....per dozen $2.00

TWENTY-FOUR DOZEN IN A CASE.

DINNER PLATES.

No. 109—Diameter 9¼ in., w't per doz. 6 lbs.....per dozen $3.00

TWELVE DOZEN IN A CASE.

PIE PLATES.

Round Edge, Shallow.

Diameter	9	10 in.
W't per doz.	5	6 lbs.
Per dozen	$2.50	3.00

Round Edge, Deep.

Nos.	09	010
Diameter	9	10 in.
W't per doz.	6	7 lbs.
Per dozen	$2.75	3.25

TWELVE DOZEN IN A CASE.

JELLY CAKE PANS.

Extra Deep.

Diameter	9	10 in.
W't per doz.	7	9 lbs.
Per dozen	$3.00	3.50

TWELVE DOZEN IN A CASE.

WALL SOAP DISHES.

No. 060—6½×4½×1¼ in., corrugated bottom, w't per doz 4 lbs...per dozen $2.50

No. 60—With drainers, otherwise same as No. 060.....per dozen 3.00

TWENTY-FOUR DOZEN IN A CASE.

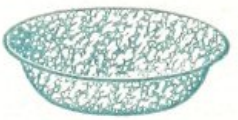
WATER PITCHERS.

Seamless.

Nos.	10	20	30	40
Quarts	1	2	3	4
W't per doz.	10	11	12	13 lbs.
Per dozen	$7.50	9.50	12.00	15.00

NOS. 10 TO 30 TWO DOZEN; NO. 40, ONE DOZEN IN A CASE.

WASH BASINS.



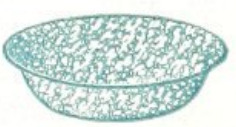
Extra Heavy Steel.

Nos.	26	28
Size	10⅜×2¾	11¼×2¾ in.
W't per doz.	9	11 lbs.
Per dozen	$4.00	4.50

Nos.	30	32
Size	11⅞×3⅛	12½×3⅜ in.
W't per doz.	13	15 lbs.
Per dozen	$5.00	6.00

SIX DOZEN IN A CASE.

PITCHERS AND BOWLS.



No. 17—4 qt. pitcher, 12½×3¾ in. bowl, w't per doz. 28 lbs...per dozen $21.00

ONE DOZEN EACH IN A CASE.

CHAMBERS.

Wide Flange, Without Cover.

Nos.	1½	2
Size	8⅜×4⅛	9⅜×5⅛ in.
W't per doz.	13	18 lbs.
Per dozen	$7.50	9.00

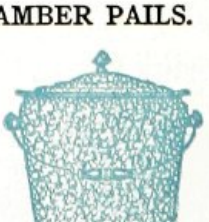
THREE DOZEN IN A CASE.

CHAMBER COVERS.

Nos.	01½	02
W't per doz.	5½	7 lbs.
Per dozen	$3.50	4.00

THREE DOZEN IN A CASE.

CHAMBER PAILS.



No 2—2¾ gal., (actual capacity) size 11×8⅞ in., seamless, wide flange, enameled cover, wood knob, w't per doz. 48 lbs.....per dozen $24.00

TWO DOZEN IN A CASE.

GRAY ENAMELED WARE.

TEA KETTLES.

Flat Bottom, Enameled Cover, Tinned Bail, Enameled Wood Handle.

Nos	3	4	5	6	
Quarts (listed capacity)	1¾	2	3	4	
Diameter	7	7¾	8¼	9	in.
W't per doz.	11	15	18	21	lbs.
Per dozen	$9.50	10.50	12.00	13.50	

Nos	7	8	9	
Quarts (listed capacity)	5	7	8	
Diameter	10	11	11¼	in.
W't per doz.	24	30	33	lbs.
Per dozen	$15.00	17.50	21.00	

NOS. 3 TO 5, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

TEA STEEPERS.

Seamless, Retinned Cover, Hollow Enameled Steel Handle.

Nos	1	2	
Pints (listed capacity)	1½	2	
Size	4⅜×3⅛	4⅞×4	in.
W't per doz.	6	8	lbs.
Per dozen	$5.00	5.50	

THREE DOZEN IN A CASE.

STRAIGHT SAUCE POTS.

Seamed, with Tin Cover.

Nos	018	020	022	
Quarts (listed capacity)	4	6	8	
Size	7½×6	8¼×6½	9⅛×6⅞	in.
W't per doz.	13	18	21	lbs.
Per dozen	$8.00	10.00	12.00	

Nos	024	026	028	
Quarts (listed capacity)	10	12	16	
Size	9⅞×7¾	10⅝×8½	11¾×9¼	in.
W't per doz.	24	33	42	lbs.
Per dozen	$15.00	18.00	24.00	

Nos	030	032	
Quarts (listed capacity)	18	24	
Size	12⅜×10	12¼×10¾	in.
W't per doz.	48	54	lbs.
Per dozen	$27.00	30.00	

NOS. 018 AND 020, THREE DOZEN; NOS. 022 TO 026, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

LIPPED SAUCE PANS.

Seamless.

Nos	12	14	16	
Usual rating	1	1½	2	qts.
Actual cap'cy	¾	1	1½	qt.
Size	6×2½	6½×3¼	7×3½	in.
W't per doz.	5½	7	9	lbs.
Per dozen	$3.25	3.50	4.00	

Nos	18	20	22	
Usual rating	2½	3	4	qts.
Actual cap'cy	2	2½	3¼	qts.
Size	7¾×3½	8½×3¾	9×4	in.
W't per doz.	11	14	15	lbs.
Per dozen	$4.50	5.25	6.00	

Nos	24	26	
Usual rating	5	6	qts.
Act'l cap'cy	4	6	qts.
Size	9¾×4¼	11×5	in.
W't per doz.	17	26	lbs.
Per dozen	$6.75	7.50	

Nos	28	30	
Usual rating	7½	10	qts.
Actual capacity	7	8	qts.
Size	11¼×5½	12×6	in.
W't per doz.	27	30	lbs.
Per dozen	$9.00	11.00	

NOS. 12 AND 14, TWELVE DOZEN; NOS. 16 TO 24, SIX DOZEN; NOS. 26 TO 30, THREE DOZEN IN A CASE.

LIPPED PRESERVING KETTLES.

Seamless, Tinned Bail.

Nos	160	180	200	
Usual rating	2	2½	3	qts.
Actual cap'cy	1½	2	2½	qts.
Size	7×3½	7¾×3½	8¼×3¾	in.
W't per doz.	8	9½	12	lbs.
Per dozen	$4.00	4.50	5.25	

Nos	220	240	260	
Usual rating	4	5	6	qts.
Actual cap'cy	3¼	4	6	qts.
Size	9½×4	9¾×4¼	10¾×5	in.
W't per doz.	14	15	18	lbs.
Per dozen	$6.00	6.75	7.50	

Nos	280	300	320	
Usual rating	8	10	12	qts.
Actual cap'cy	7½	8	9	qts.
Size	11¼×5½	12×5½	13×5¾	in.
W't per doz.	21	24	30	lbs.
Per dozen	$9.00	11.00	13.00	

Nos	360	400	
Usual rating	14	18	qts.
Actual cap'cy	13	15	qts.
Size	14×6¾	14⅞×7⅝	in.
W't per doz.	38	45	lbs.
Per dozen	$16.00	24.00	

NOS. 140 TO 240, SIX DOZEN; NOS. 260 AND 280, FOUR DOZEN; NOS. 300 TO 360, TWO DOZEN; NO. 400, ONE DOZEN IN A CASE.

MILK PANS.

Seamless, Straight.

Nos	30 1/2	31	31 1/2	
Usual rating	½	1	1½	qts.
Actual cap'cy.	½	¾	1	qt
Size	6×1⅜	7×1⅝	7½×1¾	in.
W't per doz.	3	3½	4	lbs.
Per dozen	$2.25	2.50	2.75	

Nos	32	33	
Usual rating	2	3	qts.
Actual cap'cy.	1½	1¾	qts.
Size	8½×2	9¼×2¼	in
W't per doz.	5	6	lbs.
Per dozen	$3.00	3.50	

Nos	34	36	qts.
Usual rating	4	6	qts.
Actual cap'cy.	2¾	4	qts.
Size	10⅝×2½	12⅝×2¾	in.
W't per doz.	8	12	lbs.
Per dozen	$4.50	5.50	

Nos	38	310	
Usual rating	8	10	qts.
Actual cap'cy.	5	6	qts
Size	13¼×2⅞	14¼×3	in.
W't per doz.	14	16	lbs.
Per dozen	$6.50	7.50	

ONE-HALF TO THREE QUARTS, TWELVE DOZEN BALANCE, SIX DOZEN IN A CASE.

DEEP PUDDING PANS.

Seamless.

Nos	16	17	18	
Usual rating	1	1½	2	qts.
Act'l cap'cy	1	1½	1¾	qts
Size	7⅛×2½	7¾×2⅞	8⅝×3	in.
W't per doz.	4½	5	6	lbs.
Per dozen	$3.00	3.25	3.75	

Nos	19	20	
Usual rating	3	4	qts.
Actual cap'cy	2	2¾	qts.
Size	9⅜×3¼	10¼×3⅜	in.
W't per doz.	7	8½	lbs.
Per dozen	$4.00	4.50	

Nos	21	22	
Usual rating	5	6	qts.
Actual cap'cy	3½	4½	qts.
Size	11×3½	11⅞×3⅝	in.
W't per doz.	10	12	lbs.
Per dozen	$5.00	6.00	

NOS. 16 TO 19, TWELVE DOZEN; BALANCE, SIX DOZEN IN A CASE

GRAY ENAMELED WARE.

SEAMLESS DISH PANS.

Deep.

Nos.	510	514	
Quarts (listed capacity)	10	14	
Size	14½×5	15¾×5½	in.
W't per doz.	24	30	lbs.
Per dozen	$11.00	13.00	

Nos.	517	521	
Quarts (listed capacity)	17	21	
Size	17¾×5¾	19¼×6	in.
W't per doz.	39	51	lbs.
Per dozen	$15.00	18.00	

NOS. 10 TO 17, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

OBLONG STOVE PANS.

Seamless, 2½ Inches Deep.

Nos.	13	14	15	
Size	9×13	9½×14	10½×15	in.
W't per doz.	22	24	33	lbs.
Per dozen	$9.00	10.00	11.00	

Nos.	16	17	
Size	11×16	11¾×17	in.
W't per doz.	35	39	lbs.
Per dozen	$12.00	13.00	

ONE DOZEN IN A CASE.

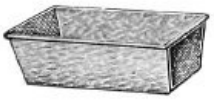
BREAD PANS.

Wired, Folded Ends.

Nos.	1	2	
Size	6×9×1¾	6×9×2¼	in.
W't per doz.	7½	8	lbs.
Per dozen	$4.00	4.00	

SIX DOZEN IN A CASE.

DEEP BREAD PANS.



No. 3—Wired, 5½×9½×3 in., w't. per doz. 9 lbs. ..... per dozen $5.50

SIX DOZEN IN A CASE.

PIE PLATES.

Nos.	9	10	
Size	9	10	in.
W't per doz.	5	6	lbs.
Per dozen	$2.75	3.25	

TWELVE DOZEN IN A CASE.

DRINKING CUPS.

No. 9—Seamless, 1 pt., 4½×2 in., w't per doz. 2¾ lbs. ..... per dozen $2.25

TWELVE DOZEN IN A CASE.

SOUP LADLES.

No. 38—3½ in., threaded handle, w't per doz. 3½ lbs. ..... per dozen $2.50

TWELVE DOZEN IN A CASE.

FRUIT FUNNELS.

No. 203—5×4¼ in., with handle, w't per doz. 5 lbs. ..... per dozen $4.00

SIX DOZEN IN A CASE.

PIECED FUNNELS.

With Ring.

Nos.	02	03	04	05	06	
Pints	½	1	2	4	8	
Diameter	3⅞	4⅜	5¾	7⅛	9⅛	in.
W't per doz.	2¼	3	4½	7	12	lbs.
Per dozen	$3.50	4.00	4.50	6.00	7.50	

NOS. 02 AND 03, TWELVE DOZEN; NOS. 04 TO 06, SIX DOZEN IN A CASE.

MEASURES.

Seamed, Hollow Handle.

Nos.	01	02	03	
Pints	¼	½	1	
W't per doz.	2½	3	4½	lbs.
Per dozen	$3.00	3.50	4.50	

Nos.	04	05	06	
Pints	2	4	8	
W't per doz.	6	12	16	lbs.
Per dozen	$6.00	8.00	11.50	

NOS. 05 AND 06, TWO DOZEN; BALANCE, THREE DOZEN IN A CASE.

Graduated.

No. 10—1 qt., w't per doz. 6 lbs., per dozen $6.00

THREE DOZEN IN A CASE.

COFFEE FLASKS.

No. 1—1 pt. (listed capacity), w't per doz. 4 lbs., per dozen $6.00

SIX DOZEN IN A CASE.

COFFEE BIGGINS.

Seamed, Hollow Enameled Steel Handle, Retinned Top and Cover.

Nos.	0½	00	010	
Quarts (listed capacity)	¾	1	1½	
Diameter	4	4¾	5	in.
W't per doz.	8	10	12	lbs.
Per dozen	$8.00	9.00	10.50	

Nos.	020	030	
Quarts (listed capacity)	2	3	
Diameter	5¾	6¼	in.
W't per doz.	16	21	lbs.
Per dozen	$12.00	14.00	

NOS. 0½ TO 020, TWO DOZEN; NO. 030, ONE DOZEN IN A CASE.

GRAY ENAMELED WARE.

DINNER PAILS.

Seamed Case, Tinned Cover, No Cup.

No. 030—6½×8⅞ in., listed capacity 4 qts., w't per doz. 27 lbs., per dozen **$13.50**

No. 040—7⅜×9¼ in., listed capacity 5 qts., w't per doz. 26 lbs., per dozen **15.00**

ONE DOZEN IN A CASE.

Round Edge, with Coffee Flask in Cover, Pie Tray and Cup, Improved Tinned Bail, Enameled Wood Handle.

Nos.	10	11	12
Size	8×5	8¼×5½	8¾×6 in.
W't per doz.	27	28	30 lbs.
Per dozen	$19.50	21.00	22.50

ONE DOZEN IN A CASE.

SEAMED COVERED BUCKETS.

Retinned Cover, Tinned Bail.

Nos.	100	200
Actual capacity	1	2 qts.
Sizes	5⅛×3½	6¼×4⅛ in.
W't per doz.	10	12 lbs.
Per dozen	$5.00	6.00

Nos.	300	400
Actual capacity	2¾	3¾ qts.
Sizes	6⅞×4½	7¾×5 in.
W't per doz.	15	18 lbs.
Per dozen	$7.50	9.00

SEAMLESS WATER PAILS.

Tinned Bail, Enameled Wood Handle.

Nos.	110	112
Quarts (listed capacity)	10	12
Size	10½×7¾	11½×8¾ in.
W't per doz.	30	36 lbs.
Per dozen	$13.00	15.00

No.	114
Quarts (listed capacity)	15
Size	12×9¾ in.
W't per doz.	42 lbs.
Per dozen	$8.00

THREE DOZEN IN A CASE.

SEAMED CULLENDERS.

Nos.	1	2
Diameter	10	11 in.
W't per doz.	11	13 lbs.
Per dozen	$6.00	7.00

OVAL FOOT TUBS.

No. 2—Seamed, round handles, size 18×14¾×8 in., w't per doz. 51 lbs., per dozen **$20.00**

WASH BOWLS.

With Eyelet.

Nos.	26	28	30	32	34
Diameter	10⅜	11⅜	12¼	13	14 in
W't per doz.	7½	8	11	12	14 lbs.
Per dozen	$4.00	4.50	5.00	6.00	7.00

NOS. 26 TO 30, TWELVE DOZEN; BALANCE, SIX DOZEN IN A CASE.

CUSPIDORS.

No. 1—7×4 in., w't per doz. 10½ lbs., per dozen **$5.00**

No. 8—7⅝×4½ in., w't per doz. 14 lbs., per dozen **7.50**

THREE DOZEN IN A CASE.

CHAMBER PAILS.

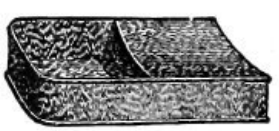
Seamed, Enameled Cover, Tinned Bail, Enameled Wood Handle.

No. 10—10 qt. (listed capacity), w't per doz. 33 lbs., per dozen **$18.00**

No. 20—12 qt. (listed capacity), w't per doz. 54 lbs., per dozen **21.00**

ONE DOZEN IN A CASE.

SEAMLESS BED OR DOUCHE PANS.



No. 2—15¾×11¾×3 in., w't per doz. 40 lbs. ..... per dozen **$24.00**

ONE IN A PASTEBOARD BOX.

BED PANS.

No. 1—17¾×12½×4¾ in., w't per doz. 36 lbs. ..... per dozen **$36.00**

ONE IN A PASTEBOARD BOX

WHITE ENAMELED WARE.

TEA POTS.

No. 220—Sizes	10	12
Pints	⅝	1⅛
W't per doz	6	8 lbs.
Per dozen	$11.10	12.50

No. 220—Sizes	14	16
Pints	1¾	2⅝
W't per doz	11½	15 lbs.
Per dozen	$15.00	18.10

SUGAR BOWLS AND MILK JUGS.

No. 235.

No. 241.

Seamless, Enameled Cover, Blue Handles.

No. 235—Size 10, w't per doz. 5 lbs., per dozen $10.00

No. 235—Size 12, w't per doz. 7 lbs., per dozen 11.10

Seamless.

No. 241—Size 9, ¾ pt., w't per doz. 7 lbs. ..... per dozen $8.00

DISH PANS.

ROUND, Extra Deep, Blue Handles.

Quarts	514	517	521
Size	16¼×5⅜	17½×5⅝	19⅛×6 in.
W't per doz	45	52	60 lbs.
Per dozen	$19.70	22.87	26.25

ONE DOZEN IN A CASE.

OVAL, Extra Deep, Blue Handles.

No. 406—Sizes	42	46	50
Quarts	13	16	19
W't per doz	37	42	49 lbs.
Per dozen	$25.65	30.00	33.75

LIPPED PRESERVING KETTLES.

Seamless, Tinned Bail.

No. 46—Sizes	14	16	18
Quarts	1½	2	2½
W't per doz	7	9	12 lbs.
Per dozen	$5.00	5.60	7.10

No. 46—Sizes	20	22	24
Quarts	3	4	5
W't per doz	15	18	21 lbs.
Per dozen	$8.60	9.90	11.25

No. 46—Sizes	26	28	30
Quarts	6	8	10
W't per doz	24	29	32 lbs.
Per dozen	$12.75	15.00	17.85

No. 46—Sizes	32	34	36
Quarts	12	13½	15
W't per doz	40	43	45 lbs.
Per dozen	$21.40	23.75	25.65

LIPPED SAUCE PANS.

Seamless, Flat Handle.

No. 45—Sizes	14	16	18
Quarts	1½	2	2½
W't per doz	7	10	11½ lbs.
Per dozen	$5.00	5.60	7.10

No. 45—Sizes	20	22
Quarts	3	4
W't per doz	14	17 lbs.
Per dozen	$8.60	9.90

No. 45—Sizes	24	26
Quarts	5	6
W't per doz	19½	22 lbs.
Per dozen	$11.25	12.75

MOLASSES PITCHERS.

No. 1—1½ pts., seamless, heavy nickel plated spring top, w't per doz. 7½ lbs. ..... per dozen $12.25

MILK PANS.

Seamless, Straight.

Nos.	30½	31	31½
Quarts	½	1	1½
Size	6×1⅜	6¾×1¾	7½×2 1/16 in.
W't per doz	5	5½	7 lbs.
Per dozen	$3.20	3.55	4.30

Nos.	32	33	34
Quarts	2	3	4
Size	8½×2 1/16	8⅞×2⅜	10⅝×2½ in.
W't per doz	8	9	17 lbs.
Per dozen	$5.00	5.65	7.15

Nos.		35	36
Quarts		5	6
Size		11⅝×2⅝	12⅜×2¾ in.
W't per doz		19	21 lbs.
Per dozen		$7.85	8.45

Nos.		38	310
Quarts		8	10
Size		13¼×2⅞	14⅛×3 in.
W't per doz		26	28 lbs.
Per dozen		$9.55	11.25

PUDDING PANS.

Seamless, Round.

Nos.	16	17	18
Quarts	1	1½	2
Size	7⅛×2½	7¾×2⅞	8⅝×3 in.
W't per doz.	7	9	11 lbs.
Per dozen	$4.40	5.00	5.65

Nos.	19	20
Quarts	3	4
Size	9¼×3¼	10¼×3⅜ in.
W't per doz	13	17 lbs.
Per dozen	$6.50	7.15

Nos.	21	22
Quarts	5	6
Size	11×3½	11⅞×3⅝ in.
W't per doz	19	22 lbs.
Per dozen	$7.90	9.40

WHITE ENAMELED WARE.

EXTRA DEEP BOWLS.

No. 363—Sizes	24	26	28	30
Inches	9½	10¼	11	11¾
W't per doz	9	11	13	17 lbs.
Per dozen	$5.70	6.40	7.20	8.20

No. 363—Sizes	32	34	36
Inches	12½	13½	14¼
W't per doz	19	21	24 lbs.
Per dozen	$9.25	10.40	11.70

MIXING BOWLS.

No. 350—Sizes	12	14	16
Diameter	4¾	5½	6¼ in.
W't per doz	3	3½	5 lbs.
Per dozen	$2.50	3.15	3.65

No. 350—Sizes	18	20	22
Diameter	7⅛	8	8¾ in.
W't per doz	7	9	11 lbs.
Per dozen	$4.15	5.40	6.90

SOUP BOWLS.

Beaded Foot.

No. 351—Size 12, 4¾ in., w't per doz. 4 lbs. ..... per dozen $2.95

No. 351—Size 14, 5½ in., w't per doz. 5 lbs. ..... per dozen 3.40

CULLENDERS.

Seamless.

No. 124—Size 22, 8¾ in., w't per doz. 10 lbs. ..... per dozen $12.50

No. 124—Size 24, 9½ in., w't per doz. 12 lbs. ..... per dozen 13.65

PIE PLATES.

No. 9—9⅛×¾ in., w't per doz. 7 lbs., per dozen $3.75

No. 10—9¾×1 in., w't per doz. 8 lbs., per dozen 4.15

TWELVE DOZEN IN A CASE.

SOUP PLATES.

No. 341—Sizes	22	24	26
Inches	8¾	9½	10¼
W't per doz	4½	5	7 lbs.
Per dozen	$2.40	2.90	3.40

SHALLOW DINNER PLATES.

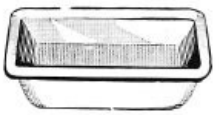
No. 109—9⅛ in., w't per doz. 7 lbs., per dozen $4.15

OVAL MEAT PLATTERS.

No. 345—Sizes	26	30	32
Inches	10¼	11¾	12½
W't per doz	5	7½	8½ lbs.
Per dozen	$5.00	6.55	7.40

No. 345—Sizes	35	38	40
Inches	13¾	15	15¾
W't per doz	10½	12	15 lbs.
Per dozen	$8.05	9.45	10.00

OBLONG DISHES.



No. 337—Sizes	20	22	24	26	28
Inches	8	8¾	9½	10¼	11
W't per doz	4½	6	8	10	12 lbs.
Per dozen	$3.65	4.15	4.85	5.15	5.65

CUPS AND SAUCERS.

No. 01½—Cups 4×2 in., saucers 6 in., w't per doz. 3 lbs. ..... per dozen $5.45

SAUCERS.

No. 256—Sizes	11	12	13	14	15
Inches	4⅜	4¾	5⅛	5½	5⅞
W't per doz	1¾	1⅞	2	2¼	3¼ lbs.
Per dozen	$1.70	1.90	2.00	2.15	2.35

DRINKING CUPS.

No. 252—Sizes	8	9	10
Inches	3⅛	3½	4
W't per doz	3	3½	4½ lbs.
Per dozen	$3.00	3.20	3.40

No. 254—Sizes	8	9	10	11
Inches	3⅛	3½	4	4⅜
W't per doz	2½	2¾	3	4 lbs.
Per dozen	$3.00	3.20	3.40	3.75

MINERS' CUPS.

No. 100—4⅞×5⅛ in., 1 qt., w't per doz. 9 lbs. ..... per dozen $6.20

MUGS.

Nos	0	3	5	18
Pints	½	¾	1	1½
W't per doz	3	3½	5	7 lbs.
Per dozen	$3.15	3.75	4.40	7.20

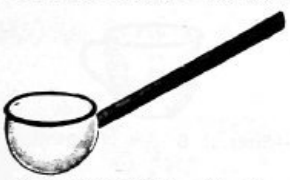
WHITE ENAMELED WARE.

EXTRA STRONG DIPPERS.

Blue Handle.

No. 10—4¼×2½ in., ½ qt., w't per doz. 5 lbs. ..... per dozen $5.25
No. 12—5¼×3¼ in., 1 qt., w't per doz. 9 lbs. ..... per dozen 6.40
No. 14—6×3½ in., 2 qt., w't per doz. 13 lbs. ..... per dozen 8.20

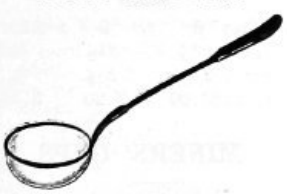
COCOA SHAPED DIPPERS.



Round Blue Hollow Handle.

No. 55—3×3 in., 1 pt., w't per doz. 6 lbs. ..... per dozen $9.40

SOUP LADLES.



No. 155—Size 10, 4 in., w't per doz. 4½ lbs. ..... per dozen $5.00

FLARING WATER PAILS.

No. 412—Sizes	24	26
Quarts	8	10
Size	9⅝×7	10½×7⅞ in.
W't per doz.	28	39 lbs.
Per dozen	$15.85	18.75

No. 412—Sizes	28	30
Quarts	12	14
Size	11⅜×8½	12×9½ in.
W't per doz.	45	54 lbs.
Per dozen	$22.50	26.25

PITCHERS.

No. 385—Sizes	13	15	17	20
Quarts	2	3	4	6
W't per doz.	11	15	22	30 lbs.
Per dozen	$11.75	14.10	16.75	25.00

WASH BOWLS.

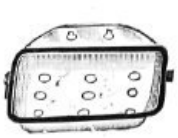
Nos.	**24**	**26**
Size	9⅞×2⅝	10½×2¾ in.
W't per doz.	10	11½ lbs.
Per dozen	$4.25	5.25

Nos.	**28**	**30**
Size	11×3	11⅝×3¼ in.
W't per doz.	13	14 lbs.
Per dozen	$5.63	7.15

Nos	**32**	**34**	**36**
Size	12½×3½	13½×3½	14¾×3½ in.
W't per doz.	16	20	24 lbs.
Per dozen.	$8.25	8.90	10.65

SOAP DISHES.

No. 370—4¾ in., w't per doz. 9 lbs., per dozen $3.15



No. 374—5⅛ in., w't per doz. 10½ lbs., per dozen $4.50

CUSPIDORS.

No. 4—7⅝×4¼ in., w't per doz. 12 lbs., per dozen $11.25
No. 5—8½×5¼ in., w't per doz. 16 lbs., per dozen 13.15

SPITTOONS.

Removable Top.

No. 20—9¼×4¼ in., w't per doz. 20 lbs. ..... per dozen $12.40

CHAMBERS AND CHAMBER COVERS.

Chambers.

No. 395—Sizes	18	20	22	24
W't per doz.	9	13	14	17 lbs.
Per dozen	$6.25	6.50	8.75	10.00

Chamber Covers.

No. 429—Sizes	18	20	22	24
W't per doz.	3¾	5	6	7 lbs.
Per dozen	$3.05	3.50	4.35	5.00

CHAMBER PAILS.

No. 2—American chamber pail, 10 qt., w't per doz. 51 lbs. ..... per dozen $33.75

NICKEL PLATED WARE.

TEA KETTLES.

Mohawk, Nickel Plated Copper Body and Spout, Nickel Plated Steel Breast and Cover, Flat Bottom.

Nos	4780	4790
Size	8	9
W't per doz	64	70 lbs.
Per dozen	$15.00	16.00

Stanwix, 12 oz. Copper, Nickel Plated, Flat Bottom.

Nos	178	179
Size	8	9
W't per doz	69	76 lbs.
Per dozen	$18.50	20.00

14 oz. Copper, Nickel Plated, Pit Bottom.

Nos	028	029
Size	8	9
W't per doz	72	80 lbs.
Per dozen	$18.50	20.00

14 oz. Copper, Nickel Plated, Flat Bottom.

Nos	250	260	270
Size	5	6	7
W't per doz	47	45	66 lbs.
Per dozen	$14.00	15.50	17.00
Nos		280	290
Size		8	9
W't per doz		74	80 lbs.
Per dozen		$18.50	20.00

18 oz. Copper, Nickel Plated, Flat Bottom.

Nos	188	189
Size	8	9
W't per doz	84	92 lbs.
Per dozen	$23.00	24.50

ONE IN A BOX. HALF DOZEN IN A CASE.

20 oz. Copper, Nickel Plated, Double Seamed Body and Spout, Pure Tin Lined, Heavy Brass Ears, Sheet Brass Bail, ¼ Inch Steel Rod Run Through Handle, Flat Bottom.

Nos	0337	0338	0339
Size	7	8	9
W't per doz	76	90	92 lbs.
Per dozen	$23.50	25.00	26.50

ONE IN A BOX. HALF DOZEN IN A CASE.

No. 12—Range, nickel plated IXX tin, enameled wood handle, capacity 4 qts., 7¼ in. flat bottom, w't per doz. 18 lbs., per dozen $8.00

Range, Nickel Plated Brass, Enameled Wood Handle.

Nos	20	30	40
Quarts	1½	2	3
W't per doz	25	32	35 lbs.
Per dozen	$9.00	10.00	12.00

Range, Nickel Plated Copper, Enameled Wood Handle.

Nos	56	57	58
Quarts	1½	2	2½
Diameter	6	7	8 in.
W't per doz	25	32	35 lbs.
Per dozen	$12.50	13.50	14.50

No. 376—Range, fancy stamped, nickel plated brass, enameled wood handle, 6 in. flat bottom, w't per doz. 12 lbs., per dozen $13.50

No. 200—Engraved nickel plated copper, enameled wood handle, capacity 3 qts., bottom 6⅝ in., w't per doz. 16 lbs. ..... per dozen $16.00

No. 300—Capacity 4 qts., bottom 7½ in., w't per doz. 16 lbs., otherwise same as No. 200 ..... per dozen 18.00

ONE IN A BOX.

TEA KETTLE INSET PAILS.

No. 70—Nickel plated copper, highly finished, tinned inside, capacity 3 pts., will fit 7, 8 or 9 tea kettle, w't per doz. 8 lbs. ..... per dozen **$7.50**

Tea kettle cover can be used for this pail.

NICKEL PLATED WARE.

FIVE O'CLOCK TEA KETTLES.

No. 111—Solid brass kettle and stand, asbestos burner, capacity of kettle 2 pts., height 11 in., w't 1 lb.....each $1.75

No. 201—Polished brass kettle, wrought iron stand, asbestos burner, capacity of kettle 2 pts., height 13 in., w't 2½ lbs., each..... $3.00

No. 202—Polished brass kettle, wrought iron crane, asbestos burner, capacity of kettle 2 pts., height 15 in., w't 2½ lbs., each..... $3.00

No. 104 —Polished brass tilting kettle, brass stand, asbestos burner, capacity of kettle 2 pts., height 10 in., diameter of base 6 in., w't 6 lbs.....each $5.50
No. 1040—Nickel plated copper, otherwise same as No. 104.....each 6.25
No. 1045—Polished copper, otherwise same as No. 1040.....each 6.25

No. 106 —Polished brass tilting kettle, fancy brass stand, asbestos burner, capacity of kettle 2½ pts., height complete 12 in., w't 6 lbs.....each $7.00
No. 1060—Nickel plated copper, otherwise same as No. 106.....each 7.00
No. 1065—Polished copper, otherwise same as No. 106.....each 8.00

No. 101—Nickel plated copper tilting kettle, plated brass stand, ebonized handles and knob, capacity of kettle 2½ pts., height 12 in., w't 6 lbs. each $9.75

ONE IN A BOX.

No. 3022—Polished brass kettle, wrought iron crane, ebonized handles and knob, capacity of kettle 2½ pts., height 12 in., w't 4 lbs.....each $10.75

ONE IN A BOX.

No. 107—Nickel plated copper tilting kettle, nickel plated brass stand, ebonized handles and knob, capacity of kettle 2½ pts., height 12 in., diameter of base 7 in., w't 6 lbs.....each $11.25

ONE IN A BOX.

Five o'clock tea kettles illustrated on this page are highly polished, fitted with alcohol burners, ebonized handles and knobs and are tinned inside. The height given is to top of knob on tilting kettles and height of frame on Nos. 202 and 3022.

NICKEL PLATED WARE.

Coffee Pot.

Tea Pot.

Nickel Plated Copper, Tinned Inside, Enameled Wood Handle.

Coffee—Nos.	**153**	**154**	**155**
Pints	3	4	5
W't per doz	31	42	44 lbs.
Per dozen	$10.00	11.00	12.00
Coffee—Nos.	**156**	**158**	
Pints	6	8	
W't per doz	46	53 lbs.	
Per dozen	$13.00	15.00	
Tea—Nos.	**142**	**143**	**144**
Pints	2	3	4
W't per doz	32	33	40 lbs.
Per dozen	$9.00	10.00	11.00
Tea—Nos.	**145**	**146**	
Pints	5	6	
W't per doz	50	57 lbs.	
Per dozen	$12.00	13.00	

ONE IN A BOX. ONE-QUARTER DOZEN IN A CASE.

Coffee Pot.

Tea Pot.

Nickel Plated Copper, Tinned Inside, Swaged Body, Double Seamed Bottom, Reinforced Wired Top, Enameled Wood Handle.

Coffee—Nos.	**1253**	**1254**	**1255**
Pints	3	4	5
W't per doz	35	40	46 lbs.
Per dozen	$12.00	13.00	14.00
Coffee—Nos.	**1256**	**1258**	
Pints	6	8	
W't per doz	50	56 lbs.	
Per dozen	$15.00	17.00	
Tea—Nos.	**1201**	**1202**	**1203**
Pints	1	2	3
W't per doz	23	33	38 lbs.
Per dozen	$11.00	11.50	12.00
Tea—Nos.	**1204**	**1205**	
Pints	4	5	
W't per doz	42	46 lbs.	
Per dozen	$13.00	14.00	

ONE IN A BOX. ONE-QUARTER DOZEN IN A CASE.

Coffee Pot.

Tea Pot.

No. 634—Individual coffee, ¾ pt., engraved nickel plated tin, enameled wood handle, w't per doz. 4½ lbs... per dozen $5.00

No. 534—Individual tea, ¾ pt., engraved nickel plated tin, enameled wood handle, w't per doz. 4½ lbs., per dozen 5.00

ONE IN A BOX; SIX DOZEN IN A CASE.

Coffee Pot.

Tea Pot.

Nickel Plated Copper, Heavily Silver Lined, Swaged Body, Double Seamed Bottom, Reinforced Wired Top, Heavy Sheet Metal Handle and Knob.

Coffee—Nos.	**953**	**954**	**955**	**956**
Pints	3	4	5	6
W't per doz.	30	32	34	36 lbs.
Per dozen	$17.00	19.00	21.00	23.00
Tea—Nos	**901**	**902**	**903**	**904**
Pints	1	2	3	4
W't per doz	22	26	30	32 lbs.
Per dozen	$14.00	15.00	17.00	19.00

The nickel will not peel or flake off as it does on pots made with white metal trimmings.

NOS. 901 AND 902 ONE DOZEN, BALANCE ONE-QUARTER DOZEN IN A CASE.

Coffee Pot.

Seamless Ivory Enameled, Quadruple Coated, White Porcelain Lining, Nickel Plated Copper Mountings and Protection Bands, Furnished in Chocolate or Turquoise Colors.

Coffee—Nos.	**7963**	**7964**	**7965**
Pints	3	4	5
W't per doz	18	21	27 lbs.
Per dozen	$30.50	33.00	35.00

ONE IN A BOX.

Tea Pot.

Tea—Nos.	**7952**	**7953**	**7954**
Pints	2	3	4
W't per doz.	15	18	21 lbs.
Per dozen	$28.00	30.50	33.00

ONE IN A BOX.

Coffee Pot.

Heavy Copper, Nickel Plated, Block Tin Lined, Seamless Body, Embossed Cover and Spout, Ebonized Handle and Knob.

Coffee—Nos.	**2652**	**2653**	**2654**
Pints	2	3	4
W't per doz	25	27	30 lbs.
Per dozen	$18.00	19.00	20.00
Coffee—Nos.	**2655**	**2656**	
Pints	5	6	
W't per doz	32	34 lbs.	
Per dozen	$21.00	22.00	

Tea Pot.

Tea—Nos.	**2602**	**2603**	**2604**	**2605**
Pints	2	3	4	5
W't per doz	25	27	30	32 lbs.
Per dozen	$18.00	19.00	20.00	21.00

ONE IN A BOX. ONE DOZEN IN A CASE.

Coffee Pot.

Nickel Plated 18 oz. Copper, Heavily Silver Lined, Rome Vulcanized Stag Handle, Always Cold.

Coffee—Nos.	**2251**	**2252**	**2253**
Pints	1	2	3
W't per doz	22	28	30 lbs.
Per dozen	$19.00	20.00	23.00
Coffee—Nos.	**2254**	**2255**	
Pints	4	5	
W't per doz	32	34 lbs.	
Per dozen	$26.00	29.00	

Tea Pot.

Tea—Nos.	**2201**	**2202**	**2203**
Pints	1	2	3
W't per doz	25	28	33 lbs.
Per dozen	$19.00	20.00	23.00
Tea—Nos.	**2204**	**2205**	
Pints	4	5	
W't per doz	35	37 lbs.	
Per dozen	$26.00	29.00	

ONE IN A BOX. ONE DOZEN IN A CASE.

UNIVERSAL PERCOLATORS.

DIRECTIONS.

Universal coffee percolators make perfect coffee, free from the bitter taste caused by boiling and retaining all the delicious, aromatic fragrance of the coffee bean, a healthful, appetizing beverage.

To taste coffee made in the Universal is to know for the first time what perfect coffee is like.

Anyone can make perfect coffee in the Universal. It can be used upon any kind of stove, whether burning wood, coal, gas or oil.

Fill with cold water—the only thing to use if perfect coffee is wanted—the construction of the pot is such that all the heat is concentrated around the little chamber below the automatic valve and in a minute or two after it is put on the stove the water, lukewarm at first, and gradually increasing in temperature, is pumped up through the tube and filters down through the coffee. In about fifteen minutes, or by the time the water has reached the boiling point, the coffee is ready to serve.

No eggs are needed to clarify the coffee. The escaping steam and aroma noticeable in every other kind of percolator is entirely absent in the Universal. The result is uniformly delicious coffee, retaining all its aroma, free from tannic acid caused by boiling, a result which cannot be reached with any other machine.

These coffee pots operate successfully on any range, stove, gas range or alcohol stove. Cast plate for gas or gasoline stoves sent with each pot.

ALUMINUM.

Empire Pattern, Solid Aluminum Body, Ebonized Handle, Glass Top.

Nos.	74	76	79	714
Cups	4	6	9	14
W't	5	6	7	8 lbs.
Each	$3.50	4.00	4.50	5.00

Colonial Pattern, Solid Aluminum Body, Ebonized Handle, Glass Top.

Nos.	64	66	69	614
Cups	4	6	9	14
W't	5	6	7	8 lbs.
Each	$3.50	4.00	4.50	5.00

ONE IN A BOX; HALF DOZEN IN A CASE.

ENAMELED.

Blue Triple Coated Enamel, Mottled Outside, White Inside, Aluminum Working Parts, Glass Top.

Nos.	1104	1106	1109	1114
Capacity, cups	4	6	9	14
W't per doz.	5	6	7	8 lbs.
Each	$2.50	3.00	3.50	4.00

ONE IN A BOX; HALF DOZEN IN A CASE.

ALCOHOL STOVES.

No. 5D—Universal, nickel plated, height 5¾ in., diam. of top 6½ in., with wind shield to protect flame, w't 3¼ lbs., each $2.50

This stove produces the most intense heat with least expenditure of alcohol.

While it is especially designed for use in connection with Universal percolators, it is also particularly desirable for household use.

A quart of water of 50° Fahrenheit will boil in six minutes. For all other cooking purposes this stove will be found equally efficient and superior.

COPPER.

Imperial Pattern.

Octagon Pattern.

French Pattern.

All Solid Copper Body, Pure Block Tin Lined, Ebony Handle, Glass Top.

Imperial Pattern, NICKEL PLATED.

Nos.	776	779
Capacity, cups	6	9
Weight	4½	5 lbs.
Each	$5.75	6.50

Imperial Pattern, POLISHED COPPER.

Nos.	2776	2779
Capacity, cups	6	9
Weight	4½	5 lbs.
Each	$5.75	6.50

Imperial Pattern, SILVER PLATED.

Nos.	3776	3779
Capacity, cups	6	9
Weight	4½	5 lbs.
Each	$8.25	9.50

ONE IN A BOX.

Octagon Pattern, NICKEL PLATED.

Nos.	786	789
Capacity, cups	6	9
Weight	4½	5 lbs.
Each	$6.50	7.25

Octagon Pattern, POLISHED COPPER.

Nos.	2786	2789
Capacity, cups	6	9
Weight	4½	5 lbs.
Each	$6.50	7.25

Octagon Pattern, SILVER PLATED.

Nos.	3786	3789
Capacity, cups	6	9
Weight	4½	5 lbs.
Each	$9.00	10.25

French Pattern, NICKEL PLATED.

Nos.	556	559
Capacity, cups	6	9
Weight	4½	5 lbs.
Each	$7.00	7.75

French Pattern, SILVER PLATED.

Nos.	3556	3559
Capacity, cups	6	9
Weight	4½	5 lbs.
Each	$9.50	10.65

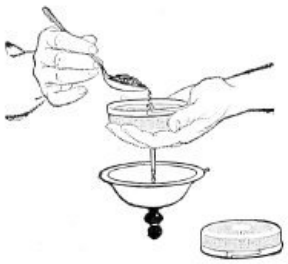
ONE IN A BOX.

GLASS TOPS.

Extra Glass Tops, for all Universal percolators ..... per dozen $0.80

TEA BALL TEA POTS, SAMOVARS AND PERCOLATORS.

UNIVERSAL TEA BALL TEA POTS.



Filling Tea Ball.

Raising and Fastening it in Cover.

Lowering Tea Ball into freshly boiled water.

Perfect Tea ready to serve.

Note that the Tea Ball is entirely above the Liquid.

TEA BALL TEA POTS.

No. 206—UNIVERSAL, polished aluminum, ebonized handle, capacity 6 cups, w't 3 lbs. . . . . each $3.00

ONE IN A PASTEBOARD BOX.

No. 306—UNIVERSAL, nickel plated copper, capacity 6 cups, w't 4 lbs. . . . each $5.00

ONE IN A PASTEBOARD BOX.

No. 106—UNIVERSAL, nickel plated copper, capacity 6 cups, w't 4 lbs. . . . each $5.00

ONE IN A PASTEBOARD BOX.

SAMOVARS.

No. 606—UNIVERSAL, nickel plated copper, ebonized handles, capacity 6 cups, w't 10 lbs. . . . . each **$8.50**

ONE IN A CASE.

IDEAL COFFEE PERCOLATORS.

Blue Turquoise Enamel, Aluminum Fittings, Glass Top.

Ideal—Cups	5	8	12
W't each	2	2¼	2½ lbs.
Each	$2.00	2.50	3.00

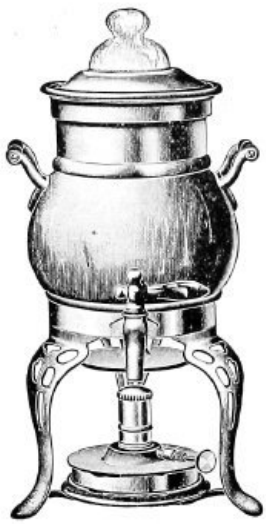
Extra Glass Tops, Ideal . . . . . per dozen $1.20

A simple, handy percolator for every day use.

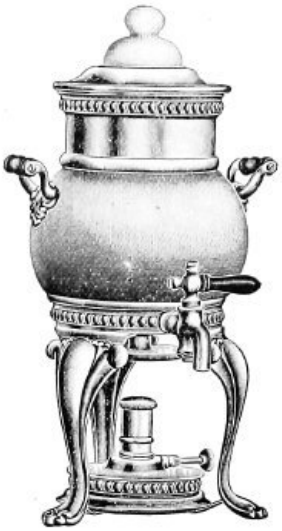
ONE IN A PASTEBOARD BOX.

THE NICKEL PLATED POTS AND SAMOVARS CAN BE HAD IN POLISHED COPPER, BUT NICKEL PLATED IS RECOMMENDED.

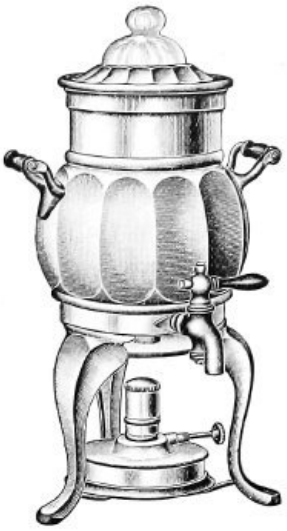
UNIVERSAL PERCOLATING MACHINES.



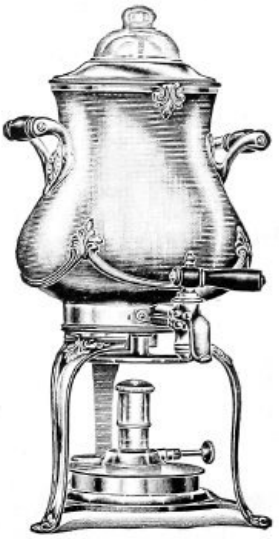
Plain Pattern.



Beaded Pattern.



Fluted Pattern.



French Pattern.

Universal Percolating Coffee Machine makes perfect coffee free from the bitter taste caused by boiling, and retaining all the delicious aromatic fragrance of the coffee bean. To taste coffee made in the Universal and know for the first time what perfect coffee is like, is worth living for.

In all other percolators the water must be boiling before it comes up through the tube. This boiling dissipates the aroma, impairs the flavor and brings out the bitter taste and whatever there is unwholesome in coffee.

The Universal should be filled with cold water—the only thing to use if perfect coffee is wanted, but if in a hurry, warm or even hot water may be used to begin with, but results are not so good. In about a minute after the lamp is lighted, the heat being concentrated around the little chamber beneath the automatic valve causes the automatic pump to begin to force the water up through the tube while it is only lukewarm. As the water is gradually heated, the percolating process goes on all the time. The wholesome qualities of the coffee are extracted, and by the time the water has reached the boiling point (which seems necessary to bring out the flavor and aroma) the coffee is ready to serve. There is no escaping of steam by this process, as in all others, therefore the aroma is not lost. The water reaches the boiling point only at the last stage of the process, while in other machines the water is boiling all the time the process is going on.

Coffee made in the Universal is a healthful, aromatic and invigorating beverage.

Directions for Using Universal Coffee Machine.

Take out the cup with its tube, fill the percolator with as much water as may be desired, replace the cup and tube, and put into the cup one rounded dessert spoonful of ground coffee, not pulverized, to every cup of water that is in the percolator. Put on the spreader plate and the cover, light the lamp, and the machine is ready for operation.

The color of the coffee as seen through the glass indicates when coffee is strong enough to serve. When the water reaches boiling point instead of there being a full jet of coffee at the top of the tube, a small quantity only will come through with a peculiar sputtering noise. The lamp should then be turned down to its smallest flame, as the coffee is then ready to serve.

The Alcohol Lamp on this machine is a very fine one. It produces an intensely hot steady flame, assuring a maximum amount of heat at a minimum cost. Any other kind of spirits that are used in an alcohol lamp can be used in the Universal; 95 per cent. alcohol, however, gives the best results.

Care should be taken to see that the lamp always contains plenty of alcohol, for if the alcohol runs out while the lamp is burning, the wick is likely to be charred, thus interfering with the free burning of the lamp. The wick, however, may be easily replaced.

The flame may be regulated as desired by turning the knob. When not in use the knob should be turned to the right as far as it will go and top cap put on, covering the tube to prevent evaporation.

PLAIN PATTERN.

Copper Finish.

Nos.	3004	3006	3009
Cups	4	6	9
W't	9	10½	12 lbs.
Each	$7.00	8.00	9.00

Nickel Plated.

Nos.	3104	3106	3109
Cups	4	6	9
W't	9¼	10½	12 lbs.
Each	$7.00	8.00	9.00

Silver Plated.

Nos.	3206	3209
Cups	6	9
W't	10½	12 lbs.
Each	$10.50	12.00

BEADED PATTERN.

Copper Finish.

Nos.	2060	2090
Cups	6	9
W't	10½	12 lbs.
Each	$9.50	10.50

Nickel Plated.

Nos.	2061	2091
Cups	6	9
W't	10½	12 lbs.
Each	$9.50	10.50

Silver Plated.

Nos.	2062	2092
Cups	6	9
W't	10½	12 lbs.
Each	$12.00	13.50

FLUTED PATTERN.

Copper Finish.

Nos.	4060	4090
Cups	6	9
W't	10½	12 lbs.
Each	$10.50	11.50

Nickel Plated.

Nos.	4061	4091
Cups	6	9
W't	10½	12 lbs.
Each	$10.50	11.50

Silver Plated.

Nos.	4062	4092
Cups	6	9
W't	10½	12 lbs.
Each	$13.00	14.50

FRENCH PATTERN.

Nickel Plated.

Nos.	5061	5062
Cups	6	9
W't	10½	12 lbs.
Each	$12.50	13.50

Silver Plated.

Nos.	5062	5092
Cups	6	9
W't	10½	12 lbs.
Each	$15.00	16.50

Four cups are equivalent to 2½ pints, six cups 3½ pints, and nine cups 5 pints.

ONE IN A BOX.

NICKEL PLATED WARE.

SYRUP PITCHERS.

No. 5—Nickel plated tin, black enameled handle, diameter of bottom 3¼ in., w't per doz. 6 lbs.....per dozen $5.25

ONE IN A BOX.

No. 50—Nickel plated tin, black enameled handle, diameter of bottom 3¼ in., with 4½ in. tray, w't per doz. 12 lbs., per dozen sets..... $6.75

ONE SET IN A BOX.

PITCHERS.

Nickel Plated Copper, Heavily Silver Lined, Swaged Body, Double Seamed Bottom, Heavy Sheet Metal Handle.

Nos.....	1502	1504
Pints.....	2	4
W't doz.....	26	31 lbs.
Per dozen.....	$15.40	19.80

ONE IN A BOX.

EMBOSSED SILVER FINISH MUGS.

No. 81—2¾x3¼ in., PRINCESS, engraved, nickel plated, w't per doz. 3 lbs., per dozen $2.00

ONE DOZEN IN A PACKAGE.

DIPPERS.

Extra Heavy Copper, Nickel Plated, Tinned Inside, Enameled Wood Handle.

No. 31—1 qt., size 4½×3⅞ in., w't per doz. 4½ lbs.....per dozen $6.00
No. 32—2 qt., size 5½×4¼ in., w't per doz. 6 lbs.....per dozen 7.50
No. 33—3 qt., size 7½×5 in., w't per doz. 11 lbs.....per dozen 9.00

LIQUOR MIXERS.

Nos. 4 and 5.

No. 6.

No. 4—6⅝×3¾ in., nickel plated brass, w't per doz. 2 lbs.....per dozen $ 6.00
No. 5—7×3¾ in., nickel plated seamless brass, w't per doz. 2½ lbs...per dozen 11.50
No. 6—8×3½ in., combination, nickel plated copper, with strainer, detachable cover and cap, w't per doz. 6 lbs., per dozen..... 24.00

HALF DOZEN IN A BOX.

TEA OR COFFEE STRAINERS.

No. 85—Nickel plated tin bowl and shank, enameled wood handle, diameter 3 in., w't per doz. 2 lbs.....per dozen $2.00

No. 535—Spout strainer, nickel plated brass bowl, diameter 2¾ in., w't per doz. 1 lb.....per dozen $4.50

SALT, PEPPER AND DREDGE BOXES.

No. 7.

No. 5.

No. 7—Salt and pepper, 2¼×1¼ in., heavily nickel plated brass, w't per doz. ¾ lb.....per dozen pairs $1.80
No. 5—Flour dredge, nickel plated tin, 2¼×4⅜ in., w't per doz. 1½ lbs., per dozen 2.00

ONE DOZEN IN A BOX.

NICKEL PLATED WARE.

CHAFING DISHES.

Nos. 1008 and 1010.

No. 1008—Wrought iron stand, capacity 2 pts., diam. 8¼ in., ventilated burner, w't 4 lbs. ..... each $4.50

No. 1010—Wrought iron stand, capacity 3 pts., diam. 9½ in., ventilated burner, w't 5 lbs., each $5.00

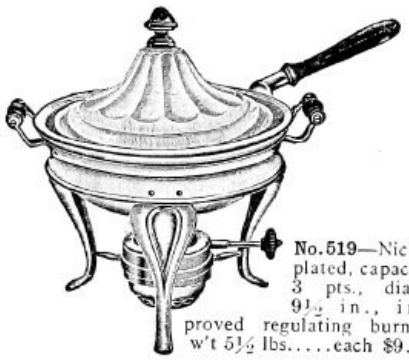
No. 452—Nickel plated, capacity 2 pts., diam. 8¼ in., ventilated burner, w't 5 lbs. ..... each $4.50

No. 4530—Nickel plated, capacity 3 pts., diam. 9½ in., ventilated asbestos burner, ebonized handles and knob, w't 5 lbs. ..... each $7.00

No. 1020—Nickel plated, capacity 3 pts., diam. 9½ in., ventilated burner, w't 5 lbs. ..... each $8.25

No. 518—Nickel plated, capacity 3 pts., diam. 9½ in., improved regulating burner, w't 5½ lbs., each ... $9.00

No. 1518—Polished copper, otherwise same as No. 518. ..... each $9.00



No. 519—Nickel plated, capacity 3 pts., diam. 9½ in., improved regulating burner, w't 5½ lbs. ..... each $9.75

No. 175—Nickel plated copper, "Ivory" enameled food pan, capacity 3 pts., diam. 9½ in., Perfection regulating burner, ebonized handles and knob, w't 6 lbs. ..... each $10.50

The "Ivory" enameled food pan has patented attached rim which protects the edge. Enameled pans are desirable because of their cleanliness and durability.

No. 4000—Nickel plated, capacity 3 pts., diam. 9½ in., improved burner, ebonized handles and knob, w't 5¼ lbs., each $11.25

"Universal."

No. 400C—Copper finish ..... each $10.00
No. 400N—Nickel plated ..... " 10.00

"Universal."

No. 600C—Copper finish ..... each $10.00
No. 600N—Nickel plated ..... " 10.00

"Universal."

No. 800C—Copper finish ..... each $10.00
No. 800N—Nickel plated ..... " 10.00

CAPACITY 3 PTS. WEIGHT 15 LBS.

"Universal."

No. 0402C—Copper finish ..... each $15.00
No. 0402N—Nickel plated ..... " 10.00
No. 04025—Silver plated ..... " 20.00

ALL UNIVERSAL CHAFING DISHES. CAPACITY 3 PTS. WEIGHT 15 LBS.

Except as otherwise specified, chafing dish parts are brass with copper food pan, black tin lined throughout.

ONE IN A BOX.

NICKEL PLATED WARE.

CHAFING DISHES.

No. 297—Nickel plated, Mission style, capacity 3 pts., diam. 9¼ in., perfectly regulating lamp, straight legs, square handles and knob, w't 6 lbs.....each $15.00

No. 2975—Dull copper finish, otherwise same as No. 297.....each 16.00

No. 2976—Mounted on oak block, otherwise the same as No. 2975, w't 8½ lbs.....each $18.00

CHAFING DISH SETS.

No. 5183—Consists of No. 518 chafing dish, No. 3544 tray, No. 317 spoon and No. 318 fork, w't 8 lbs.....each $14.00

CHAFING DISH GRATES.

No. 1—For universal chafing dishes, cast iron, hangs on the frame, with hangers, w't per doz. 13 lbs.....per dozen $6.00

HALF DOZEN IN A BOX.

ALCOHOL FLAGONS.

No. 52—Nickel plated copper, polished, screw top, thumb valve, capacity ½ pt., height 3¼ in., length of spout 3½ in., w't ½ lb.....each $3.00

ONE IN A BOX.

No. 62—Nickel plated copper, highly polished, screw top, thumb valve, capacity 1 pt., height 6 in., length of spout 6 in., w't 1 lb.....each $4.00

ONE IN A BOX.

CUTLET DISHES.

No. 18—Nickel plated copper, diameter 10 in., ebonized handle, for 3 pt. chafing dishes, w't 2½ lbs.....each $2.25

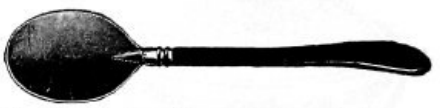
No. 21—Nickel plated copper, diameter 9½ in., crown stag handle, for 3 pt. chafing dishes, w't 3 lbs.....each $5.00

ONE IN A BOX.

TOASTERS.

No. 900—Nickel plated brass, extra heavy trimmings, ebonized handle, for 2 or 3 pt. chafing dishes, w't 1 lb.....each $2.50

CHAFING DISH SPOONS AND FORKS.



No. 317—Chafing dish spoon, heavy nickel plated brass, ebonized handle, length 11½ in., w't ½ lb.....each $1.50

No. 318—Chafing dish fork, heavy nickel plated brass, ebonized handle, length 11½ in., w't ½ lb.....each $1.50

No. 117—Chafing dish spoon, German silver, silver plated, ebony handle, length 11 in., w't ½ lb.....each $2.50

No. 118—Chafing dish fork, German silver, silver plated, ebony handle, length 11 in., w't ½ lb.....each $2.50

No. 217—Chafing dish spoon, German silver, silver plated, crown stag handle, length 10 in., w't ½ lb.....each $4.50

No. 218—Chafing dish fork, German silver, silver plated, crown stag handle, length 10 in., w't ½ lb.....each $4.50

ONE IN A BOX.

SOUP LADLES.

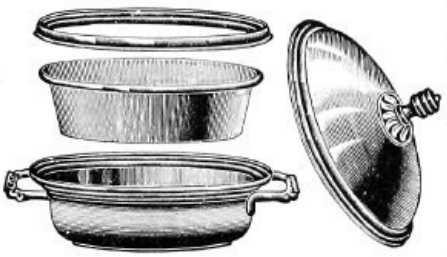
No. 70—1XX fancy bowl, length 11¼ in., w't per doz. 10 lbs.....per dozen $4.50

No. 80—Britannia bowl, figured britannia hollow handle, length 11½ in., w't per doz. 8 lbs.....per dozen $9.00

ONE IN A BOX.

NICKEL PLATED WARE.

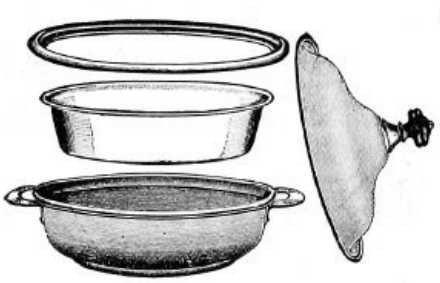
BAKING DISHES.



No. 23—3 pts., nickel plated tin, detachable rim, blue and white enameled pan, enameled wood knob, diam. 9½ in., w't 2 lbs.....each $1.50

ONE IN A BOX.

Closed.



Open.

Nickel Plated Brass, Finely Finished, Detachable Rim, White Enameled Pan, Ebonized Knob, Flat Handles, a Very Handsome Dish.

No. 30—3 pts., diam. 9 in., w't 2½ lbs., each..... $3.00

No. 40—4 pts., diam. 10 in., w't 3 lbs., each..... 3.50

ONE IN A BOX.

BAKING DISHES.

Nickel Plated Brass, Block Tin Lined, Beaded Rim, Stamped Handles, Ebonized Knob and Handles, Ball Feet, White Lined Enameled Food Pan.

No. 10—Capacity 3 pts., diam. 9 in., w't 2½ lbs.....each $4.25

No. 20—Capacity 4 pts., diam. 10 in., w't 3 lbs.....each 5.00

No. 204—Nickel plated copper, block tin lined, nicely finished ornamental cover, ebonized knob, detatchable rim, fancy handles, removable blue and white enameled food pan, capacity 4 pts., diam. 10 in., w't 2¼ lbs., each, $6.50

No. 214—Nickel plated copper, block tin lined, handsomely finished bumped cover, beaded detatchable rim, fancy handles, removable blue and white enameled food pan, capacity 4 pts., diam. 10 in., w't 2¼ lbs.....each $7.50

TRAYS.

Round, Nickel Plated, Fancy Engraved.

Nos.	312	313	314	
Diameter	12	13	14	in
W't per doz	7¼	8¼	10¼	lbs.
Per dozen	$4.00	4.50	5.00	

ONE QUARTER DOZEN IN A PACKAGE.

Round, Nickel Plated, Fancy Engraved, Fine Finish.

Nos.	412	413	414	
Diameter	12	13	14	in.
W't per doz	7¼	8¼	10¼	lbs.
Per dozen	$4.50	5.00	5.75	

ONE QUARTER DOZEN IN A PACKAGE.

BREAD TRAYS.

No. 2—12×6½ in., nickel plated tin, oval shaped, with word "Bread" engraved, w't per doz. 5 lbs., per dozen $ 5.00

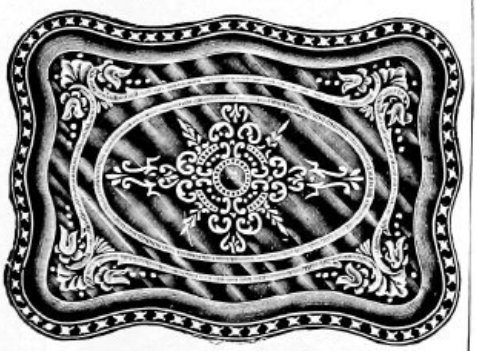
No. 1—12×6½ in., nickel plated brass, oval shaped, with word "Bread" engraved, w't per doz. 7 lbs., per dozen 10.50

WRAPPED SEPARATELY.

NICKEL PLATED WARE.

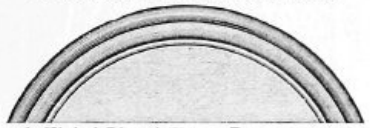
TRAYS.

No. 614—Oblong, 10½×14 in., nickel plated, fancy engraved, w't per doz. 12 lbs.....per dozen $6.00



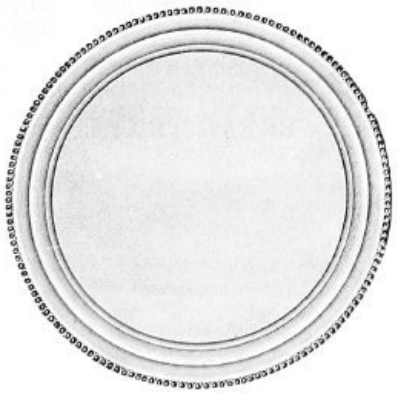
No. 914—Oblong, 10½×14 in., nickel plated, fancy engraved, fancy shape, w't per doz. 12 lbs.....per dozen $9.00

ONE QUARTER DOZEN IN A PACKAGE.



Round, Nickel Plated Heavy Brass, Plain Edge.

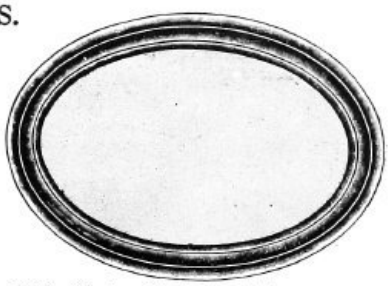
Nos.....	3040	3042	3044	
Diameter..	10	12	14	in.
W't per doz.	9	15	21	lbs.
Per dozen..	$15.00	19.25	25.00	



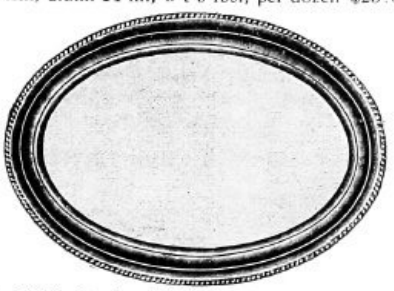
Round, Nickel Plated Copper, Satin Finish, Polished Rims, Solid Beaded Border.

Nos.....	3010	3012	3014	
Diameter...	10	12	14	in.
W't per doz.	9	15	24	lbs.
Per dozen...	$24.00	30.00	36.00	

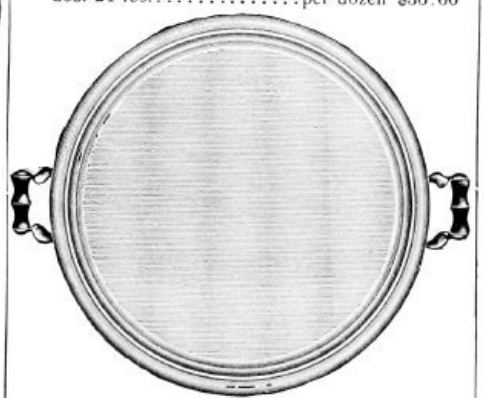
HALF DOZEN IN A BOX.



No. 3024—Oval, nickel plated brass, satin finished center, with polished rim, diam. 14 in., w't 9 lbs., per dozen $25.00

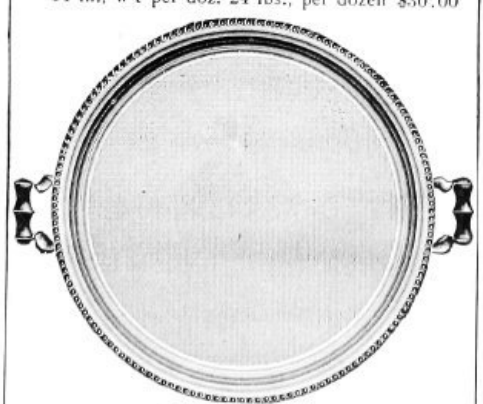


No. 3034—Oval, nickel plated copper, satin finish center, polished rim, solid beaded border, diam. 14 in., w't per doz. 24 lbs.....per dozen $36.00



With Side Handles.

No. 3544—Round, nickel plated brass, plain edge, ebonized handles, diam. 14 in., w't per doz. 24 lbs., per dozen $30.00



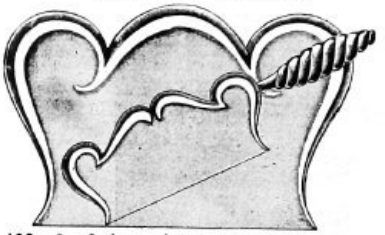
With Side Handles.

No. 3514—Round, nickel plated copper, satin finish, polished rims, solid beaded border, ebonized handles, diam. 14 in., w't per doz. 28 lbs.....per dozen $54.00

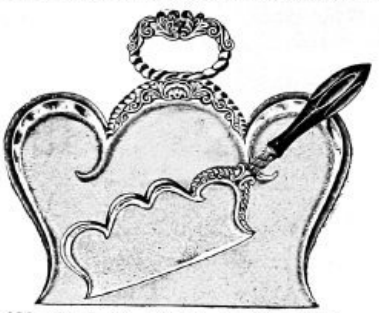
The mat or satin finish in the centers of the trays prevents their being easily defaced by scratching.

HALF DOZEN IN A BOX.

CRUMB TRAYS.



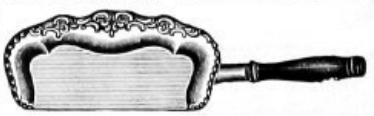
No. 400—9×6 in., nickel plated brass, with scraper to match, ebonized handle, w't per doz. sets 18 lbs., per dozen sets $27.00



No. 401—9×6 in., nickel plated brass, fancy cast handle, with scraper to match, ebonized handle, w't per doz. sets 21 lbs.....per dozen sets $48.00

No. 118—9×8½ in., nickel plated tin, fancy border and engraved, with scraper to match, w't per doz. 8 lbs., per dozen....$4.00

No. 114—10×6½ in., nickel plated tin, fancy border and engraved, scraper with ebonized handle to match, w't per doz. 8 lbs., per dozen. $6.00



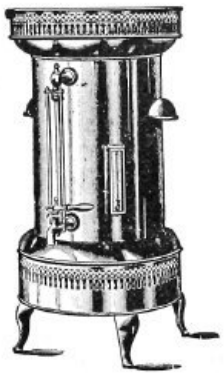
ONE DOZEN SETS IN A BOX.

No. 116—9×8½ in., nickel plated tin, fancy border and engraved, black and white bristle crumb brush, w't per doz. 8 lbs.....per dozen $9.00

HALF DOZEN SETS IN A BOX.

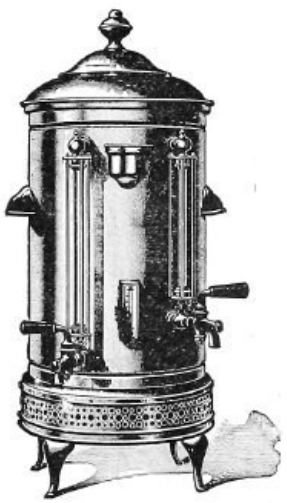
HOTEL WARE.

HOT WATER AND COFFEE URNS.



Hot Water Urns, Heavy Copper, Outside Nickel Plated and Finely Finished.

Nos.	2302	2303
Capacity	2	3 gals.
W't each	18	20 lbs.
Each	$9.00	10.00



Coffee Urns, Extra Heavy Copper, Outside Heavily Nickel Plated and Finely Finished, Inside Heavily Tinned with Pure Block Tin, Vitrified Stone Coffee Reservoir, Fitted with Two New Style Clean-out Lever Handle Faucets, Screw Clamp for Fastening the Gauges to the Urn, One Gauge Showing the Amount of Coffee in Urn, the Other Showing the Amount of Water Between the Coffee Reservoir and Outside Shell, Coffee Reservoir Entirely Surrounded by Water, Fitted with Low Base and Feet.

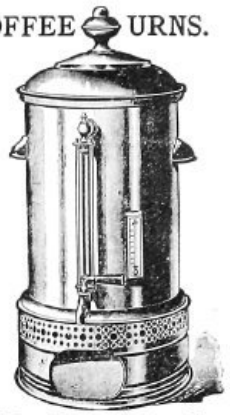
Nos.	★2202	2203	2204	2205
Capacity	2	3	4	5 gals.
W't each	70	70	75	80 lbs.
Each	$35.00	40.00	45.00	50.00
Nos.	★2206	★2208	2210	★2212
Capacity	6	8	10	12 gals.
W't each	85	95	105	115 lbs.
Each	$55.00	60.00	65.00	70.00
Nos.		★2215	★2218	★2220
Capacity		15	18	20 gals.
W't each		125	135	145 lbs.
Each		$77.50	85.00	90.00

Can be provided with steam coil pipes between the walls, for heating the water, when especially ordered.

★*These sizes are not carried in stock, but can be shipped promptly from factory.*

ONE IN A CASE.

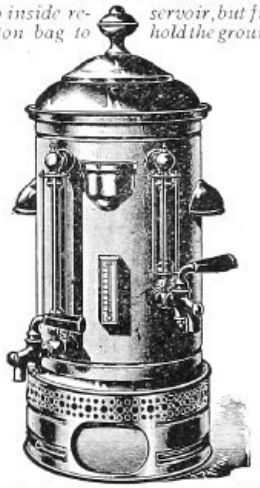
COFFEE URNS.



Coffee or Tea Urns, Heavy Copper, Outside Nickel Plated and Finely Finished, Inside Tinned with Pure Block Tin and Satin Finish, Textile Filter for Coffee, Solid Base Attached to Body.

Nos.	2102	2103	2104	2105
Capacity	2	3	4	5 gals.
W't each	25	25	30	30 lbs.
Each	$12.00	14.00	16.00	18.00
Nos.		★2106	★2108	2110
Capacity		6	8	10 gals.
W't each		35	40	50 lbs.
Each		$20.00	22.00	24.00

Have no inside reservoir, but furnished with a cotton bag to hold the ground coffee.



Coffee Urns, Extra Heavy Copper, Outside Heavily Nickel Plated and Finely Finished, Inside Heavily Tinned with Pure Block Tin, Vitrified Stone Coffee Reservoir, Fitted with Two New Style Clean-out Lever Handle Faucets, Screw Clamp for Fastening the Gauges to the Urn, One Gauge Showing the Amount of Coffee in Urn, the Other Showing the Amount of Water Between the Coffee Reservoir and Outside Shell, Coffee Reservoir Entirely Surrounded by Water, Fitted with Solid High Base.

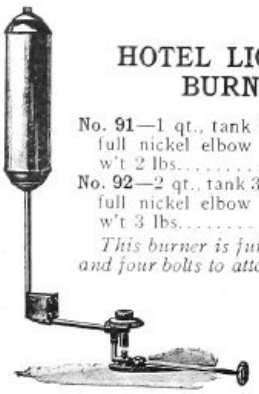
Nos.	★2002	2003	2004	2005
Capacity	2	3	4	5 gals.
W't each	70	70	75	80 lbs.
Each	$35.00	40.00	45.00	50.00
Nos.	★2006	★2008	2010	★2012
Capacity	6	8	10	12 gals.
W't each	85	95	105	115 lbs.
Each	$55.00	60.00	65.00	70.00
Nos.		★2015	★2018	★2020
Capacity		15	18	20 gals.
W't each		125	135	145 lbs.
Each		$77.50	85.00	90.00

Can be provided with steam coil pipes between the walls, for heating the water, when especially ordered.

★*These sizes are not carried in stock, but can be shipped promptly from factory.*

ONE IN A CASE.

HOTEL LIGHTNING BURNERS.



No. 91—1 qt., tank 2½×6 in., full nickel elbow to burner, w't 2 lbs. ..... each $2.25

No. 92—2 qt., tank 3½×12 in., full nickel elbow to burner, w't 3 lbs. ..... each 4.25

This burner is furnished with plate and four bolts to attach to urn.

HOTEL SOLID LADLES.

Retinned, Flat Handle.

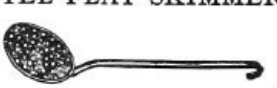
Nos.	100	200	
Size	5⅛×2½	6×2¾	in.
W't per doz.	16½	17½	lbs.
Per dozen	$5.50	7.00	
Nos.	300	400	
Size	7¾×4⅛	8⅛×4¼	in.
W't per doz.	26½	36	lbs.
Per dozen	$10.00	12.50	

HOTEL PIERCED LADLES.

Retinned, Flat Handle.

Nos.	101	201	
Size	5⅛×2½	6×2¾	in.
W't per doz.	14	16	lbs.
Per dozen	$6.25	7.75	
Nos.	301	401	
Size	7¾×4⅛	8⅛×4¼	in.
W't per doz.	25	28	lbs.
Per dozen	$10.50	13.25	

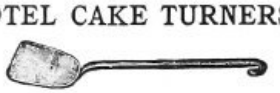
HOTEL FLAT SKIMMERS.



Retinned.

Nos.	150	180
Diameter	6½	7¾ in.
W't per doz.	14	20 lbs
Per dozen	$5.50	6.75

HOTEL CAKE TURNERS.



No. 160—Steel blade, retinned, length 20 in., w't per doz. 12½ lbs. ... per dozen $5.50

HOTEL FLESH FORKS.

Two Pronged, Retinned.

Nos.	200	240
Length	21½	24 in.
W't per doz.	14	15 lbs.
Per dozen	$7.00	9.00

WROUGHT STEEL HOTEL WARE.

HOTEL SAUCE PANS.

Shallow, Seamless, Retinned.

Nos.	45	48	55	
Capacity	2	3	6¾	qts.
Size	7×2¾	8⅜×3⅛	11⅜×3¾	in.
W't per dozen.	33	40	72	lbs.
Per dozen	$21.00	25.00	42.00	

Medium, Seamless, Retinned.

Nos.	135	140	145	
Capacity	1½	2	3	qts
Size	5×4	6×4⅜	7×4⅞	in.
W't per dozen.	18	24	41	lbs.
Per dozen	$17.00	21.00	25.00	

Nos.	148	150	155	
Capacity	4½	7½	10¾	qts.
Size	8⅜×5⅛	9¾×5½	11⅜×6	in.
W't per dozen.	44	66	84	lbs.
Per dozen	$33.50	42.00	50.50	

Nos.	165	175	185	
Capacity	17	21½	31	qts.
Size	13¼×7⅛	14×8	16×9	in.
W't per dozen.	144	167	198	lbs.
Per dozen	$67.00	84.00	101.00	

Deep, Seamless, Retinned.

Nos.	248	250	255	
Capacity	5½	9	15½	qts.
Size	8⅜×6¼	9¾×6⅝	11⅜×8	in.
W't per dozen.	54	84	114	lbs.
Per dozen	$42.00	50.50	60.00	

Nos.	265	275	285	
Capacity	21½	26	36	qts.
Size	13¼×8⅞	14×9⅝	16×10½	in.
W't per dozen.	168	186	198	lbs.
Per dozen	$75.50	92.50	117.50	

HOTEL COVERS.

Retinned.

Nos.	335	340	345	
Diameter	5	6	7	in.
W't per dozen.	4	6	10	lbs.
Per dozen	$5.00	5.50	7.00	

Nos.	348	350	355	
Diameter	8⅜	9¾	11⅜	in.
W't per dozen.	13	18	24	lbs.
Per dozen	$8.50	11.25	14.00	

Nos.	365	375	385	
Diameter	13¼	14	16	in.
W't per dozen.	30	40	44	lbs.
Per dozen	$17.00	19.50	22.50	

Retinned.

Nos.	835	840	845	
Diameter	5	6	7	in.
W't per dozen.	3	5	9	lbs.
Per dozen	$5.00	5.50	7.00	

Nos.	848	850	855	
Diameter	8⅜	9¾	11⅜	in.
W't per dozen.	11	16	22	lbs.
Per dozen	$8.50	11.25	14.00	

Nos.	865	875	885	
Diameter	13¼	14	16	in.
W't per dozen.	28	37	40	lbs.
Per dozen	$17.00	19.50	22.50	

HOTEL CULLENDERS.

Seamless, Retinned.

Nos.	110	114	
Size	13¾×4¾	16½×5½	in.
W't per dozen.	34	46	lbs.
Per dozen	$19.50	25.25	

Nos.	217	321	
Size	17¾×6	19½×7⅝	in.
W't per dozen.	58	63	lbs.
Per dozen	$30.75	36.50	

HOTEL CHINESE STRAINERS.

Extra Strong, Retinned.

Nos.	60	70	75	
Diameter	6	7	7½	in.
W't per dozen.	19	23½	24½	lbs.
Per dozen	$28.00	33.50	42.00	

Nos.	80	90	
Diameter	8	9	in.
W't per dozen.	34	41	lbs.
Per dozen	$50.50	59.00	

HOTEL SOUP STOCK POTS.

Covered, Seamless, Retinned.

Nos.	12	18	
Capacity	3¾	4¾	gals.
Size	10½×10¼	11¼×11⅛	in.
W't each	9½	14	lbs.
Per dozen	$50.50	60.00	

Nos.	24	36	
Capacity	6	9	gals.
Size	13×11¾	15×14	in.
W't each	19	22½	lbs.
Per dozen	$75.50	92.50	

ONE IN A CRATE.

Covered, Seamless, Retinned, with Strainer and 1 Inch Brass Faucet.

Nos.	112	118	
Capacity	3¾	4¾	gals.
Size	10½×10¼	11¼×11⅛	in.
W't each	13½	15½	lbs.
Per dozen	$109.00	118.00	

Nos.	124	136	
Capacity	6	9	gals.
Size	13×11¾	15×14	in.
W't each	23	25	lbs.
Per dozen	$135.00	151.00	

ONE IN A CRATE.

HOTEL SPONGE OR EGG KETTLES.

Seamless, Retinned.

Nos.	8½	9	
Capacity	10	12	qts.
W't per doz.	36	40	lbs.
Per dozen	$19.50	22.50	

Nos.	10	11	
Capacity	16	24	qts.
W't per doz.	51	58	lbs.
Per dozen	$25.25	28.00	

HOTEL BEATING BOWLS.

Extra Strong, Retinned.

Nos.	14	17	
Capacity	14	17	qts.
Size	14⅞×7¼	16⅜×7¼	in.
W't per doz.	44	54	lbs.
Per dozen	$22.50	28.00	

Nos.	21	
Capacity	21	qts.
Size	18½×7¾	in.
W't per doz.	61	lbs.
Per dozen	$33.50	

Hotel Friers, see page 896; Hotel Fry Pans, page 895; Hotel Trays, page 859; Hotel Whips, page 905; Hotel Waffle Irons, page 897; Hotel Scoops, page 848

STAMPED TINWARE.

LIPPED SAUCE PANS.

Plain.

Nos.	012	014	016	
Quarts	1	1½	2	
Sizes	5½×2¾	6½×3	7¼×3¼	in.
W't per doz.	4	5	6	lbs.
Per dozen	$1.00	1.15	1.20	

Nos.	018	020	022	
Quarts	2½	3	4	
Sizes	7¾×3½	8½×3¾	9×4	in.
W't per doz.	7½	8¼	9½	lbs.
Per dozen	$1.35	1.60	1.80	

Nos.	024	026	028	
Quarts	5	6	8	
Sizes	9¾×4⅛	11×5	11¼×5½	in.
W't per doz.	10¾	12¼	14	lbs.
Per dozen	$2.00	2.25	2.70	

HALF DOZEN IN A PACKAGE.

LIPPED PRESERVING KETTLES.

Plain.

Nos.	201	221	241	
Quarts	3	4	5	
Size	8½×3¾	9¼×4	9¾×4⅛	in.
W't per doz.	8	8½	10¼	lbs.
Per dozen	$1.60	1.80	2.00	

Nos.	261	281	301	
Quarts	6	8	10	
Size	11×5	11¼×5½	12×6	in.
W't per doz.	11½	14	14¾	lbs.
Per dozen	$2.25	2.70	3.30	

HALF DOZEN IN A PACKAGE.

EGG POACHERS.

No. 1.

No. 00—BUFFALO, plain, 3 pans, w't per doz. 12 lbs. ..... per dozen $4.00

No. 1—BUFFALO, plain, 5 pans, diameter 9 in., enameled wood knob, w't per doz. 15 lbs. ..... per dozen 6.00

MILK PANS.

IC, Plain.

Quarts	¼	½	
Size	5¼×1⅜	6×1½	in.
W't per doz.	1	1½	lbs.
Per dozen	$0.35	.45	

Quarts	1	1½	
Size	6¾×1¾	7¾×1⅞	in.
W't per doz.	1½	2¼	lbs.
Per dozen	$0.55	.65	

Quarts	2	3	
Size	8½×2	9¼×2¼	in.
W't per doz.	3¼	3½	lbs.
Per dozen	$0.80	.95	

Quarts	4	5	
Size	10⅞×2½	11¾×2⅝	in.
W't per doz.	5	5¼	lbs.
Per dozen	$1.25	1.40	

Quarts	6	8	
Size	12⅝×2¾	13¼×3	in.
W't per doz.	5½	7¼	lbs.
Per dozen	$1.60	1.80	

Quarts	10	12	
Size	14½×3	15½×3⅛	in.
W't per doz.	8½	10	lbs.
Per dozen	$2.20	2.60	

IC, Retinned.

Quarts	¼	½	1	
Size	5¼×1⅜	6×1½	6¾×1¾	in.
W't per doz.	1¼	1¾	2¼	lbs.
Per dozen	$0.65	.75	.90	

Quarts	1½	2	3	
Size	7¾×1⅞	8½×2	9¼×2¼	in.
W't per doz.	2½	3½	3¾	lbs.
Per dozen	$1.05	1.20	1.40	

Quarts	4	5	6	
Size	10⅞×2½	11¾×2⅝	12⅝×2¾	in.
W't per doz.	5½	6½	7½	lbs.
Per dozen	$1.80	2.00	2.30	

Quarts	8	10	12	
Size	13¼×3	14½×3	15½×3⅛	in.
W't per doz.	8¼	9½	12	lbs.
Per dozen	$2.60	3.10	3.60	

IX, Retinned.

Quarts	6	8	
Size	12⅝×2¾	13¼×3	in.
W't per doz.	9¼	10¾	lbs.
Per dozen	$2.80	3.20	

Quarts	10	12	
Size	14½×3	15½×3⅛	in.
W't per doz.	12	14	lbs.
Per dozen	$3.60	4.00	

"O. V. B.," IXXXX, Triple Block Tin Coated.

Quarts	6	8	
W't per doz.	13	15	lbs.
Per dozen	$5.00	5.50	

Quarts	10	12	
W't per doz.	18	20	lbs.
Per dozen	$6.50	7.50	

ONE DOZEN IN A PACKAGE.

PUDDING PANS.

IC, Plain.

Quarts	1	2	3	
Size	7×2⅜	8½×3	9¼×3¼	in.
W't per doz.	2½	3½	4½	lbs.
Per dozen	$0.70	.95	1.10	

Quarts	4	5	6	
Size	10¼×3¼	11×3½	11½×3½	in.
W't per doz.	5	6	7	lbs.
Per dozen	$1.35	1.50	1.70	

Quarts	8	10	
Size	12½×4	13¼×4½	in.
W't per doz.	8	9½	lbs.
Per dozen	$2.00	2.40	

IC, Retinned.

Quarts	1	2	3	
Size	7×2⅜	8½×3	9¼×3¼	in.
W't per doz.	2¾	3¾	4¾	lbs.
Per dozen	$1.20	1.60	1.80	

Quarts	4	5	6	
Size	10¼×3¼	11×3½	11½×3½	in.
W't per doz.	5¾	6¾	7¾	lbs.
Per dozen	$2.00	2.30	2.60	

Quarts	8	10	
Size	12½×4	13¼×4½	in.
W't per doz.	8¾	9¾	lbs.
Per dozen	$3.00	3.40	

ONE DOZEN IN A PACKAGE.

"O. V. B.," XXXX, Triple Block Tin Coated.

Quarts	2	4	6
W't per doz.	8	11	13 lbs.
Per dozen	$3.25	4.50	5.50

Quarts	8	10
W't per doz.	15	18 lbs.
Per dozen	$7.00	8.00

"O. V. B.," Extra Deep, XXXX, Triple Block Tin Coated.

Quarts	2½	3½	5
W't per doz.	6	8	11 lbs.
Per dozen	$4.25	5.00	6.00

STAMPED TINWARE.

BREAD RAISERS.

IX Plain, Ventilating Cover.

Nos	010	014	017	
Quarts	10	14	17	
Diameter	15	16	20	in.
W't per doz	26	33	39	lbs.
Per dozen	$7.00	8.50	10.00	

IX Retinned, Ventilating Cover.

Quarts	10	14	
Diameter	15	16	in.
W't per doz	29	34	lbs.
Per dozen	$10.80	12.60	
Quarts	**17**	**21**	
Diameter	18	19½	in.
W't per doz	41	46	lbs.
Per dozen	$15.00	17.50	

"O. V. B.," XXXX Triple Block Tin Coated, Ventilating Cover.

Quarts	14	17	21	
W't per doz.	58	70	76	lbs.
Per dozen	$20.00	22.00	24.00	

ONE DOZEN IN A CASE.

RINSING PANS.

IC, Plain.

Quarts	8	10	
Size	14×4¼	14¾×4½	in.
W't per doz	10	11½	lbs.
Per dozen	$3.00	3.30	
Quarts	**14**	**17**	
Size	16×5	18×5½	in.
W't per doz	14	18	lbs.
Per dozen	$3.80	4.40	

IC, Retinned.

Quarts	8	10	
Size	14×4¼	14¾×4½	in.
W't per doz	12	13	lbs.
Per dozen	$3.80	4.20	
Quarts	**14**	**17**	
Size	16×5	18×5½	in.
W't per doz	14½	20	lbs.
Per dozen	$5.20	6.00	

ONE-QUARTER DOZEN IN A PACKAGE.

DISH PANS.

IC, Pieced.

Quarts	8	10	12	
Size	11×5½	12×5½	14×5½	in.
W't per doz.	11	12½	15	lbs.
Per dozen	$2.00	2.50	3.00	

ONE-QUARTER DOZEN IN A PACKAGE.

DISH PANS.

"O. V. B.," Triple Block Tin Coated.

Quarts	10	14	17	
Size	14½×5	16½×5¼	18×5½	in.
W't per doz.	32	36	42	lbs.
Per dozen	$10.00	12.00	14.00	
Quarts	**21**	**30**		
Size	19½×5¾	21×6	in.	
W't per doz	50	56	lbs.	
Per dozen	$16.00	24.00		

"O. V. B." stamped tinware, though not sold under guarantee, is as fully anti-rust quality as any stamped ware so called; and merchants, if they charge accordingly, can safely make any guarantee they see fit, as O. V. B. tinware will give satisfaction with any reasonable usage, excepting exposure to alkali water.

ONE-QUARTER DOZEN IN A PACKAGE.

IX, Retinned.

Quarts	8	10	14	
Size	14×4¾	14½×5⅛	16¼×5½	in.
W't per doz.	14	16	22	lbs.
Per dozen	$4.40	4.80	6.00	
Quarts	**17**	**21**		
Size	17¾×5¾	19½×6	in.	
W't per doz	24	32	lbs.	
Per dozen	$7.20	8.40		

IXX, Medium, Retinned.

Quarts	10	14	
Size	14½×5⅛	16¼×5½	in.
W't per doz	20	24	lbs.
Per dozen	$6.60	7.80	
Quarts	**17**	**21**	
Size	17¾×5¾	19½×6	in.
W't per doz	26	34	lbs.
Per dozen	$9.00	10.20	

IXXX, Heavy, Retinned.

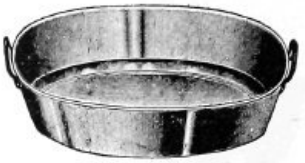
30 qt., 20¾×6½ in., w't per doz. 45 lbs., per dozen $17.40

IXXXX, Extra Heavy, Retinned.

40 qt., 24×7¼ in., w't per doz. 63½ lbs., per dozen $28.80

ONE-QUARTER DOZEN IN A PACKAGE. THREE DOZEN IN A CASE.

OVAL DISH PANS.



IX, Retinned.

15 qt., 18⅜×4⅝ in., w't per doz. 18 lbs., per dozen $12.00

18 qt., 20×5¼ in., w't per doz. 24 lbs., per dozen 13.80

ONE-QUARTER DOZEN IN A PACKAGE. THREE DOZEN IN A CASE.

WASH BOWLS.

IC.

IC, Plain.

Nos	06	06½	07	
Diameter	10	10½	11½	in.
W't per doz	4	4½	5	lbs.
Per dozen	$0.90	1.10	1.20	
Nos	**07½**	**08**		
Diameter	12¼	13	in.	
W't per doz	5½	7	lbs.	
Per dozen	$1.40	1.60		

IC, Retinned.

Nos	6½	7	
Diameter	10½	11½	in.
W't per doz	5	6	lbs.
Per dozen	$1.60	1.80	
Nos	**7½**	**8**	
Diameter	12¼	13	in.
W't per doz	6½	7	lbs.
Per dozen	$2.10	2.40	

IX, Retinned, with Eyelet.

Nos	13	14	
Diameter	10½	11½	in.
W't per doz	6	6½	lbs.
Per dozen	$2.00	2.20	
Nos	**15**	**16**	
Diameter	12¼	13	in.
W't per doz	8	8½	lbs.
Per dozen	$2.50	2.80	

ONE DOZEN IN A PACKAGE.

"O. V. B.," XXXX, Triple Block Tin Coated.

Nos	31	32	33	
Diameter	11½	12½	13	in.
W't per doz	12	14	16	lbs.
Per dozen	$4.50	5.00	5.50	

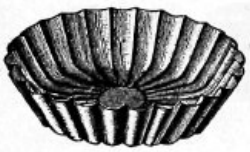
Galvanized Iron.

Nos	17	17½	18	
Diameter	11½	12¼	13	in.
W't per doz	7	8	9	lbs.
Per dozen	$1.80	2.00	2.40	

ONE DOZEN IN A PACKAGE.

STAMPED TINWARE.

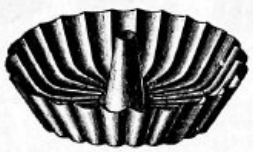
CAKE PANS.



Plain Scalloped, without Tube.

Nos	8	10
Diameter	8	10 in.
W't per doz.	3¼	4 lbs.
Per dozen	$0.70	1.00

ONE DOZEN IN A PACKAGE.



Plain Scalloped, with Tube.

Nos	84	104
Diameter	8	10 in.
W't per doz.	3	4 lbs.
Per dozen	$0.90	1.20

ONE DOZEN IN A PACKAGE.

Turban, Retinned, with Tube.

Nos	870	880
Size	9¼×3	10×3½ in.
W't per doz.	6	7 lbs.
Per dozen	$2.20	2.50

ONE DOZEN IN A PACKAGE.

Deep, Round, Retinned, with Tube.

Nos	42	43	44
Size	8½×3	9×3¼	10¼×3¼ in.
W't per doz.	4½	5½	6 lbs.
Per dozen	$1.80	2.10	2.40

Nos	45	46
Size	11×3½	11½×3½ in.
W't per doz.	7½	8 lbs.
Per dozen	$2.70	3.00

ONE DOZEN IN A PACKAGE.

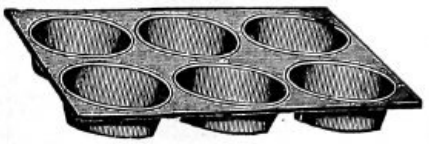
Deep, Octagon, Retinned, with Tube.

Nos	72	73
Size	8¼×3	9¼×3 in.
W't per doz.	5¾	6½ lbs.
Per dozen	$2.00	2.20

Nos	74	75
Size	10×3½	10½×3¾ in.
W't per doz.	7	8 lbs.
Per dozen	$2.50	2.80

ONE DOZEN IN A PACKAGE.

MUFFIN PANS.



Nos. 6 and 6½.

Plain, Cups 3¼×1 Inch.

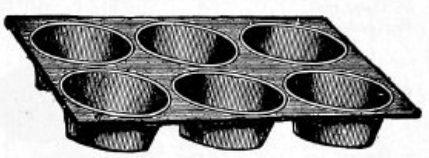
Nos	6	8	12
Size	11×7¼	14⅜×7¼	14½×11 in.
Cups	6	8	12
W't per doz.	4	5½	9 lbs.
Per dozen	$1.80	2.40	3.40

Retinned, Cups 3¼×1 Inch.

Nos	6½	8½	12½
Size	11×7¼	14⅜×7¼	14½×11 in.
Cups	6	8	12
W't per doz.	5	7	9 lbs.
Per dozen	$2.60	3.20	4.80

HALF DOZEN IN A PACKAGE.

CORN CAKE PANS.



No. 06.

Plain, Cups 3¼×1½ Inch.

Nos	06	08	012
Size	11×7¼	14⅜×7¼	14½×11 in.
Cups	6	8	12
W't per doz.	5	7	10½ lbs.
Per dozen	$1.80	2.40	3.40

HALF DOZEN IN A PACKAGE.

COOKY OR TURKSHEADS PANS.

No. 106.

Plain, Cups 3¼×⅞ Inch.

Nos	106	108	112
Size	11×7¼	14⅜×7¼	14½×11 in.
Cups	6	8	12
W't per doz.	5	8	10 lbs.
Per dozen	$1.80	2.40	3.40

HALF DOZEN IN A PACKAGE.

CLEAN CUT TINS.

Cake, Round.

No. 50—Diameter 9 in., w't per doz. 3 lbs. ..... per dozen $1.20

No. 100—Diameter 10 in., w't per doz. 4 lbs. ..... per dozen 1.50

ONE DOZEN IN A PACKAGE.

PERFECTION TINS.

Pie, Round.

No. 1—9¼×1 in., w't per doz. 4 lbs., per dozen $1.60

No. 2—10¼×1 in., w't per doz. 5 lbs., per dozen 2.00

ONE DOZEN IN A PACKAGE.

Pie, Square.

No. 800—8¾×1⅝ in., w't per doz. 7½ lbs. ..... per dozen $2.60

No. 900—9×2⅜ in., w't per doz. 9 lbs., per dozen 3.10

ONE DOZEN IN A PACKAGE.

No. 7.

Cake, Round, with Tube.

No. 7—10¼×2⅞ in., w't per doz. 6½ lbs. ..... per dozen $3.10

HALF DOZEN IN A PACKAGE.

Cake, Round, without Tube.

No. 3—10¼×2⅞ in., w't per doz. 6 lbs., per dozen $2.60

ONE DOZEN IN A PACKAGE.

Cake, Oblong.

No. 200—5½×9½×2¾ in., w't per doz. 7 lbs. ..... per dozen $2.60

No. 300—6½×10½×2¾ in., w't per doz. 9 lbs. ..... per dozen 3.20

ONE DOZEN IN A PACKAGE.

Angel Cake, Square.

No. 90—9×9×2½ in., w't per doz. 8 lbs., per dozen $3.00

HALF DOZEN IN A PACKAGE.

The above loose bottom pans are all genuine Perfection, with patented bead around edge of bottom which prevents warping and twisting.

STAMPED TINWARE.

JELLY CAKE PANS.

SHALLOW, IC, Plain, ½ Inch Deep.

Diameter	9	10 in.
Per dozen	$0.60	.70

ONE DOZEN IN A PACKAGE.

DEEP, IC, Plain, 1 Inch Deep.

Diameter	9	10 in.
Per dozen	$0.70	.80

ONE DOZEN IN A PACKAGE.

MOUNTAIN, IC, Plain, 1⅜ Inches Deep.

Diameter	9	10 in.
Per dozen	$0.80	1.00

ONE DOZEN IN A PACKAGE.

PIE PLATES.

COMMON, IC, Plain.

Diameter	6	7	8 in.
Per dozen	$0.35	.40	.50

Diameter	9	10 in.
Per dozen	$0.60	.70

"OUR VERY BEST."

~~O V B~~ Charcoal, XX Tin.

Diameter	9	10 in.
Per dozen	$2.00	3.00

ONE DOZEN IN A PACKAGE.

DEEP, IC, Plain.

Diameter	9	10	11 in.
Per dozen	$0.60	.80	1.00

ONE DOZEN IN A PACKAGE.

"OUR VERY BEST."

~~O V B~~ EXTRA DEEP, Charcoal XX Tin.

Diameter	8	9	10 in.
Per dozen	$2.00	2.25	2.50

ONE DOZEN IN A PACKAGE.

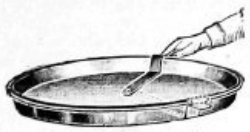
Scalloped.

Perforated.

IC, Plain.

Scalloped, diameter 9 in	per dozen	$0.60
Perforated, diameter 9 in	" "	.90
Perforated, diameter 10 in	" "	1.00

ONE DOZEN IN A PACKAGE.



EASY CUT, IC, Plain.

Diameter	8	9 in.
Per dozen	$1.00	1.25

ONE DOZEN IN A PACKAGE.

WIRE PIE PLATES.

8¾ in. shallow, wire cloth, tin bound, per dozen $1.75

TWO DOZEN IN A BOX.

Jelly cake pans and common pie tins 8 to 10 in. vary 25 to 38 lbs. per gro. according to size. O. V. B. pie plates, 9 in. to 10 in. vary 55 to 78 lbs. per gro.

CHILD'S PLATES.

8 in., Cock Robin, w't per doz. 2 lbs., per dozen $0.75

PATTY PANS.

Plain.

Scalloped.

Plain.

Diameter	3	3½	4 in.
W't per gro	4	5	6 lbs.
Per gross	$1.30	1.70	2.30

Scalloped.

Diameter	3	3½	4 in.
W't per gro	4	5	6½ lbs.
Per gross	$1.30	1.70	2.30

Heart.

Star.

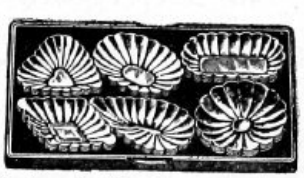
Shell.

Heart — 3 in., w't per gro. 3¼ lbs., per gross $1.70

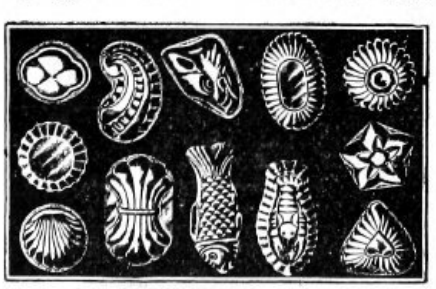
Star —3⅜ in., w't per gro. 4 lbs., per gross 1.70

Shell — 3 in., w't per gro. 3½ lbs., per gross 1.70

HALF GROSS IN A PACKAGE.



No. 700—Assorted, 6 patterns, two dozen in a box, 5×9 in., w't per gro. 5 lbs., per gross $2.70



No. 210—Assorted, one dozen on a 9×12 in. card ..... per dozen cards $15.00

CROQUETTE MOULDS.

No. 220—IC tin, 3¼×2¼ in., hinged sides ..... per dozen $2.25

JELLY MOULDS.

No. 200. No. 202. No. 204.

Individual.

No. 200—2¼ in., round	per dozen	$1.75
No. 202—2½ in., hexagon	"	3.00
No. 204—2½ in., fluted	"	3.75

No. 206. No. 208. No. 212.

Individual.

No. 206—2½ in.	per dozen	$2.25
No. 208—2½ in.	"	1.80
No. 212—4¼ in	"	2.25

No. 100. No. 104. No. 112.

No. 100—3½ in., w't per doz. 1 lb., per dozen	$4.50
No. 104—5 in., w't per doz. 2½ lbs., per dozen	8.25
No. 112—6½ in., w't per doz. 6 lbs., per dozen	4.50

No. 150. No. 106.

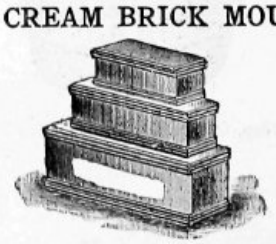
No. 150—6¼ in., w't per doz. 5½ lbs., per dozen	$10.50
No. 106—6½ in., w't per doz. 3½ lbs., per dozen	13.50

Oval Melon.

Nos	30	40	50	
Capacity	2	2¾	3	pts.
Size	6¾×5	7¼×5¼	7¾×6	in.
W't per doz	6½	7½	8¼	lbs.
Per dozen	$8.00	9.00	10.00	

Nos	55	60	
Capacity	3½	4	pts.
Size	8×6	8¼×6¼	in.
W't per doz	9½	10	lbs.
Per dozen	$10.50	11.50	

ICE CREAM BRICK MOULDS.



Heavy Tin, Loose Top and Bottom.

Capacity	1	2	3	4 pts.
W't per doz	9	12	13½	18 lbs.
Per dozen	$5.50	6.50	7.50	9.50

STAMPED TINWARE.

DRINKING CUPS.

IC, Plain, Riveted Handle.

Nos.	08	09	010
Pints	½	¾	1
Size	4×1¾	4¼×1⅞	4⅛×2⅜ in.
W't per doz	1	1	1¼ lbs.
Per dozen	$0.50	.55	.60

Retinned, Riveted Handle.

Nos	8	9	10
Pints	½	¾	1
Size	4×1¾	4¼×1⅞	4½×2 in.
W't per doz	1	1¼	1½ lbs.
Per dozen	$0.70	.75	.85

HALF DOZEN IN A PACKAGE.

MINERS' OR CALIFORNIA CUPS.

Retinned.

Nos	2	3
Pints	1	1½
Size	4⅝×2⅛	5×2⅛ in.
W't per doz	1½	2 lbs.
Per dozen	$0.80	.90

HALF DOZEN IN A PACKAGE.

STRAIGHT CUPS.

No. 023—1 pt., plain, 4×2½ in., w't per doz. 2 lbs. ..... per dozen $0.75

Retinned, Seamless.

Nos	23	26
Pints	1	2
Size	4×2½	5⅛×3½ in.
W't per doz	2	4 lbs.
Per dozen	$1.00	2.30

Nos	27	28
Pints	3	4
Size	5½×3¾	6×4 in.
W't per doz	5	5½ lbs.
Per dozen	$2.50	3.10

ONE DOZEN IN A PACKAGE.

DIPPER BOWLS.

IC, Plain.

Nos	2	4
Pints	1	2
Size	4¾×2	5⅜×2¼ in.
W't per doz	1½	2 lbs.
Per dozen	$0.55	.80

ONE DOZEN IN A PACKAGE.

WATER DIPPERS.

IC, Plain.

Nos	25	45
Pints	1	2
Size	4¾×2	5⅜×2¼ in.
W't per doz	2	2½ lbs.
Per dozen	$0.80	1.00

No.	55
Pints	4
Size	5¾×2½ in.
W't per doz	3½ lbs.
Per dozen	$1.10

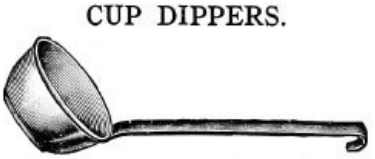
IC, Retinned.

Nos	28	48
Pints	1	2
Size	4¾×2	5⅜×2¼ in.
W't per doz	2½	3 lbs.
Per dozen	$1.05	1.30

No	58
Pints	4
Size	5¾×2½ in.
W't per doz	3½ lbs.
Per dozen	$1.50

HALF DOZEN IN A PACKAGE.

CUP DIPPERS.



Flat Handle, Retinned.

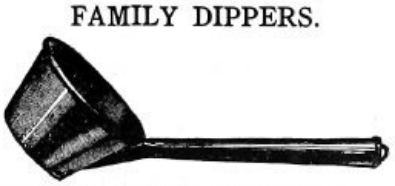
Nos	9	010	11
Pints	¾	1	1¼
Size	3⅞×2¼	4⅛×2⅜	4⅜×2⅝ in.
W't per doz.	3	3½	4 lbs.
Per dozen	$1.05	1.25	1.45

ONE DOZEN IN A PACKAGE.

No. 21—¾ pt., 3⅞×2¼ in., retinned, steel shank, enameled wood handle, w't per doz. 2½ lbs. ..... per dozen $1.25

HALF DOZEN IN A PACKAGE.

FAMILY DIPPERS.



No. 12—2 qt., 5¾×3 in., w't per doz. 5 lbs. ..... per dozen $2.00

No. 13—3 qt., 6×3¼ in., w't per doz. 7 lbs. ..... per dozen 2.50

HALF DOZEN IN A PACKAGE.

LAUNDRY DIPPERS.

No. 023—3 qt., *plain*, 8½×3½ in., 6 in. handle, w't per doz. 7 lbs. .... per dozen $2.70

No. 020—3 qt., *retinned*, 8½×3½ in., heavy, 6 in. handle, w't per doz. 8 lbs., per dozen 3.30

HALF DOZEN IN A PACKAGE.

COCOA SHAPED DIPPERS.

No. 151—¾ pt., 4¼×2¼ in., retinned, riveted steel shank, enameled wood handle, w't per doz. 3 lbs. .... per dozen $1.00

HALF DOZEN IN A PACKAGE.

BRITANNIA DIPPERS.

No. 2—3½×2½ in., polished white metal, cocobolo handle, w't per doz. 5 lbs., per dozen $6.00

HALF DOZEN IN A BOX.

No. 1—4×2¼ in., polished white metal, cocobolo handle, w't per doz. 6 lbs., per dozen $6.25

HALF DOZEN IN A BOX.

FLAT SKIMMERS.

Flat Wrought Handles, Retinned, Pierced.

Nos	16	17	18	19
Diameter	4½	4¾	5	5½ in.
W't per doz	2½	2⅞	3	3½ lbs.
Per dozen	$1.05	1.15	1.25	1.35

ONE DOZEN IN A PACKAGE.

No. 30—5½ in., wood handle, pierced, w't per doz. 4 lbs. ..... per dozen $3.00

ONE DOZEN IN A PACKAGE.

MILK SKIMMERS.

No. 5—Retinned, plain, 6 in. .. per dozen $0.35
No. 7—Retinned, pierced, 6 in. .. " .40

THREE DOZEN IN A PACKAGE.

No. 3—Retinned, pierced, with handle, 4½ in. ..... per dozen $0.90

ONE DOZEN IN A PACKAGE.

No. 50—CAIRNS, 4×7⅞ in., retinned, w't per doz. 2¼ lbs. ..... per dozen $1.00

HALF DOZEN IN A PACKAGE.

STAMPED TINWARE.

SOLID LADLES.

Retinned.

Nos	9	10
Diameter	3¾	4 in.
W't per doz.	3½	3¾ lbs.
Per dozen	$1.15	1.25
Nos	**11**	**12**
Diameter	4¼	4⅝ in.
W't per doz.	4	4½ lbs.
Per dozen	$1.35	1.45

ONE DOZEN IN A PACKAGE.

PIERCED LADLES.

Retinned.

Nos	09	010
Diameter	3¾	4 in.
W't per doz.	3	3¼ lbs.
Per dozen	$1.20	1.30
Nos	**011**	**012**
Diameter	4¼	4⅝ in.
W't per doz.	3½	4 lbs.
Per dozen	$1.40	1.50

ONE DOZEN IN A PACKAGE.

HOTEL SOLID LADLES.

Retinned.

Nos	100	200
Size	5⅛×2½	6×2¾ in.
W't per doz.	16½	17½ lbs.
Per dozen	$5.50	7.00
Nos	**300**	**400**
Size	7¾×4⅛	8⅛×4¼ in.
W't per doz.	26½	36 lbs.
Per dozen	$10.00	12.50

HOTEL PIERCED LADLES.

Retinned.

Nos	101	201
Size	5⅛×2½	6×2¾ in.
W't per doz.	14	16 lbs.
Per dozen	$6.25	7.75
Nos	**301**	**401**
Size	7¾×4⅛	8⅛×4¼ in.
W't per doz.	25	28 lbs.
Per dozen	$10.50	13.25

SOUP LADLES.

Retinned, Threaded Handle.

No. 38—3¾ in., w't per doz. 1½ lbs., per dozen $0.90
No. 39—4 in., w't per doz. 2½ lbs., per dozen 1.00

ONE DOZEN IN A PACKAGE.

Retinned, Enameled Wood Handle with Steel Shank.

No. 29—3¾ in., w't per doz. 2¾ lbs., per dozen $1.05
No. 30—4 in., w't per doz. 2⅞ lbs., per dozen 1.20

ONE DOZEN IN A PACKAGE.

CREAM LADLES.

No. 7—1¾×1 in., retinned, w't per doz. ½ lb. ..... per dozen $0.60

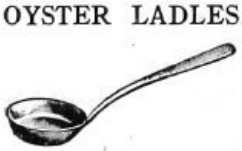
ONE DOZEN IN A PACKAGE.

PUMP LADLES.

No. 110—4⅜ in., retinned, w't per doz. 2¾ lbs. ..... per dozen $1.10

ONE DOZEN IN A PACKAGE.

OYSTER LADLES.



No. 50—3×1 in., retinned, w't per doz. 1 lb. ..... per dozen $0.80

ONE DOZEN IN A PACKAGE.

SPICE SCOOPS.

No. 00—5×3¼ in., retinned, loop handle, w't per doz. 1½ lbs. ..... per dozen $0.90

ONE DOZEN IN A PACKAGE.

FAMILY SCOOPS.

No. 34—5×3½ in., retinned, flat handle, w't per doz. 2 lbs. ..... per dozen $1.00

ONE DOZEN IN A PACKAGE.

GROCERS' SCOOPS.

Open, Retinned.

Nos	2	3
Sizes	6¾×4¾	8×5½ in.
W't per doz.	3	5 lbs.
Per dozen	$2.30	2.70
Nos	**4**	**5**
Sizes	9¾×6¾	11×7¼ in.
W't per doz.	6	7 lbs.
Per dozen	$3.10	3.70

HALF DOZEN IN A PACKAGE.

Covered, Retinned.

Nos	20	30
Sizes	6¾×4¾	8×5¼ in.
W't per doz.	4	4½ lbs.
Per dozen	$2.70	3.30
Nos	**40**	**50**
Sizes	9¾×6¾	11×7¼ in.
W't per doz.	7	9 lbs.
Per dozen	$4.40	5.00

ONE-HALF DOZEN IN A PACKAGE.

Ideal, IXXX Tin, Stands Upright Loaded.

Nos	11	12	13
Sizes	5½×3¼	6×3½	6½×4 in.
W't per doz.	4	5	6½ lbs.
Per dozen	$5.50	6.00	6.50
Nos		**14**	**15**
Sizes		7¼×4½	7¾×5 in.
W't per doz.		7½	9 lbs.
Per dozen		$7.00	8.00

ONE-SIXTH DOZEN IN A PACKAGE.

Extra Heavy, Seamless Steel, Tinned, Wood Handle.

Nos	164	165	166
Sizes	7½×5⅛	8⅝×6⅞	11¼×7⅞ in.
W't per doz.	15	22	36 lbs.
Per dozen	$15.50	18.25	24.00

ONE-SIXTH DOZEN IN A PACKAGE.

STAMPED TINWARE.

GRAVY STRAINERS.

IC Plain, Round Handle, Perforated Bottom.

Nos	2	3
Diameter	4¼	5¼ in.
W't per doz	1	2 lbs.
Per dozen	$0.65	.85

No. 20—4¼ in., retinned, wood handle, w't per doz. 2 lbs. ..... per dozen $1.10
HALF DOZEN IN A PACKAGE.

JELLY STRAINERS.

IC Plain, Seamless, Side Handles, Wire Bottom.

No. 12—7×2⅝ in., w't per doz. 4 lbs., per dozen $2.00
No. 16—8×3¼ in., w't per doz. 5 lbs., per dozen 2.25

IC Plain, Long Handle, Wire Bottom.

No. 120—6×2⅝ in., w't per doz. 3 lbs., per dozen $2.25
No. 160—8×3¼ in., w't per doz. 5½ lbs., per dozen 2.50
HALF DOZEN IN A PACKAGE.

SOUP STRAINERS.

No. 4—8 in., IC pieced, perforated bottom, w't per doz. 6 lbs. ..... per dozen $2.75

9 in. "O. V. B.," pieced, heavy polished XXX tin, perforated bottom, w't per doz. 14 lbs. ..... per dozen $6.00

No. 112—6 in., IC pieced tin, wire strainer bottom, w't per doz. 2½ lbs., per dozen $3.00
HALF DOZEN IN A PACKAGE.

No. 133—5½ in., tin rim, with foot, tinned wire strainer, enameled wood handle, w't per doz. 3¼ lbs., per dozen $4.50
HALF DOZEN IN A PACKAGE.

CHAMPION SIEVES.

Stamped Tin, Plain.

No. 7—10 in., perforated bottom, w't per doz. 6½ lbs. ..... per dozen $1.60
No. 8—12 in., perforated bottom, w't per doz. 7 lbs. ..... per dozen 2.00
ONE DOZEN IN A PACKAGE.

CULLENDERS.

"O. V. B.," 11 in., XXX heavy polished, pieced, w't per doz. 15 lbs. ... per dozen $9.00

No. 10—10 in., IC pieced, w't per doz. 9 lbs. ..... per dozen $2.00
No. 12—12 in., IC pieced, w't per doz. 11 lbs. ..... per dozen 3.00

Stamped, Retinned, Feet Fast.

Nos	104	205
Diameter	10	10½ in.
W't per doz	6	6½ lbs.
Per dozen	$2.60	2.80

Nos	306	407
Diameter	11½	13 in.
W't per doz	7	9½ lbs.
Per dozen	$3.20	3.60

HALF DOZEN IN A PACKAGE.

STAMPED TINWARE AND POT COVER CABINETS.

H. & R. POT COVERS.

Regular Sizes, IC, Plain, Hemmed and Ringed.

Diameter	7	7½	8	8½ in.
W't per doz.	1¼	1½	1¾	2 lbs.
Per dozen	$0.38	.40	.42	.44
Diameter	**9**	**9½**	**10**	**10½ in.**
W't per doz.	2¼	2¾	3	3½ lbs.
Per dozen	$0.48	.52	.56	.66
Diameter	**11**	**11½**	**12**	**12½ in.**
W't per doz.	3¾	4¼	4¾	5 lbs.
Per dozen	$0.72	.78	.90	1.00
Diameter	**13**	**13½**		**14 in.**
W't per doz.	5¼	5½		6 lbs.
Per dozen	$1.10	1.28		2.00
Diameter		**14½**		**15 in.**
W't per doz.		6½		7 lbs.
Per dozen		$2.25		2.50

Special Sizes, IC, Plain, Hemmed and Ringed.

Diameter	7¼	7¾	8¼	8¾ in.
W't per doz.	1½	1¾	2	2¼ lbs.
Per dozen	$0.40	.42	.44	.48
Diameter	**9¼**	**9¾**	**10¼**	**10¾ in.**
W't per doz.	2¾	3	3½	3¾ lbs.
Per dozen	$0.52	.56	.66	.72
Diameter			**11¼**	**11¾ in.**
W't per doz.			4¼	4¾ lbs.
Per dozen			$0.78	.90

ONE DOZEN IN A PACKAGE.

L. H. POT COVERS.

IC, Plain, Loose Tin Handle.

Diameter	8	8½	9	in.
W't per doz.	2½	2¾	3	lbs.
Per dozen	$0.68	72	.78	
Diameter	**9½**	**10**	**10½**	**in.**
W't per doz.	3¼	3½	3¾	lbs.
Per dozen	$0.82	.86	.92	
Diameter	**11**	**11½**	**12**	**in.**
W't per doz.	4	4¼	4½	lbs.
Per dozen	$0.98	1.12	1.22	
Diameter	**12½**	**13**	**13½**	**in.**
W't per doz.	4¾	5	5¼	lbs.
Per dozen	$1.32	1.40	1.60	

ONE DOZEN IN A PACKAGE.

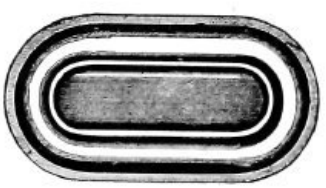
PAIL COVERS.

IC, Plain, without Rim.

Diameter	3¼	3¾ in.
W't per doz.	⅛	½ lb.
Per dozen	$0.15	.19
Diameter	**4½**	**5**	**5½ in.**
W't per doz.	½	¾	1 lb.
Per dozen	$0.23	.30	.34
Diameter	**6 5/16**	**7**	**7¾ in.**
W't per doz.	1½	1¾	2 lbs.
Per dozen	$0.44	.50	.66
Diameter	**8 9/16**	**9¼**	**9⅝ in.**
W't per doz.	2½	2¾	3 lbs.
Per dozen	$0.76	.88	1.00

HALF GROSS IN A PACKAGE.

BOILER COVERS.



IC, Plain, Not Rimmed.

Nos.	18	84
Sizes	8	Full size 8
Inches	11×20⅝	11⅜×21⅜
W't per doz.	8	8½ lbs.
Per dozen	$2.30	2.70
Nos.	**19**	**39**
Sizes	9	9
Inches	12×22⅝	12¾×23¾
W't per doz.	10	11 lbs.
Per dozen	$3.00	3.25

ONE DOZEN IN A PACKAGE.

POT COVERS AND CABINETS.

No. 12—Cabinet 38 in. high, 12×10½ in. top, 17×15 in. bottom, clear cypress, natural finish, well varnished, twelve numbered shelves and place at bottom for handles, complete with one gro. ass't'd 8 to 13½ in. pot covers, with handles, w't complete crated 107 lbs. ..... each $24.00

Covers and handles packed separately.

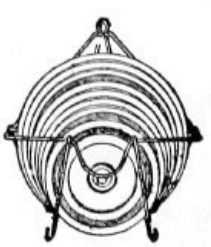
POT COVER RACKS.

No. 5—46 in. high, cherry stained, varnished uprights, twelve numbered shelves, 3½ in. apart, each shelf holds two doz. pot covers, width of shelves from 8 to 13½ in., w't crated 17 lbs., each $5.00

PIE PLATE RACKS.

No. 7—40×20×10 in., cherry stained, varnished uprights, nine shelves, 4½ in. apart, holds two sizes, 9 and 10 in., for all kinds of pie, jelly, cake tins, etc., w't crated 25 lbs. ..... each $6.50

WIRE WALL BRACKETS.



Pot Cover.

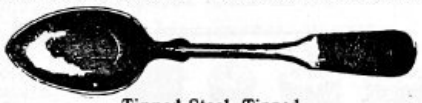
No. 1—Steel wire, holds six to eight 11½ in. ringed covers, w't per doz. 3 lbs., per dozen $1.00

KITCHEN UTENSILS.

TEA AND TABLE SPOONS.

Tinned Steel, Threaded.

No. 70—5⅜ in., tea, w't per gro. 4 lbs., per gross..... $1.25
No. 140—6⅞ in., table, w't per gro. 6½ lbs.....per gross 2.50
No. 400—7⅝ in., heavy table, w't per gro. 15 lbs.....per gross 5.50
HALF GROSS IN A BOX—WE DO NOT BREAK BOXES.



Tinned Steel, Tipped.

No. 900—5¾ in., tea, w't per gro. 7 lbs., per gross..... $2.75
No. 9000—8¼ in., table, w't per gro. 15 lbs.....per gross 5.50
No. 0900—7⅛ in., dessert (soup size), w't per gro. 10 lbs.....per gross 5.00
NOS. 900 AND 0900, ONE-QUARTER GROSS; NO. 9000, ONE-SIXTH GROSS IN A BOX.

Tinned Steel, Figured.

No. 650—5¾ in., tea, w't per gro. 6½ lbs.....per gross $2.75
No. 6500—8¼ in., table, w't per gro. 14½ lbs.....per gross 5.50
NO. 650, THREE DOZEN; NO. 6500, TWO DOZEN IN A BOX.

Windsor Pattern, Plain Steel, Tinned.

No. 600—5¾ in., tea, w't per gro. 8 lbs.....per gross $4.25
No. 6000—8¼ in., table, w't per gro. 15 lbs.....per gross 8.50
NO. 600, THREE DOZEN; NO. 6000, TWO DOZEN IN A BOX.

MIXING SPOONS.

No. 7—13 in., slotted, tinned, japanned wood handle, w't per doz. 2 lbs., per dozen..... $0.80
ONE DOZEN IN A BOX.

No. 8—12 in., tinned heavy shank and perforated bowl, hardwood handle, w't per doz. 1¾ lbs.....per dozen $1.40
ONE DOZEN IN A BOX.

No. 9—PERFECTION, 10 in., tinned steel, wood handle, for mixing and beating, per dozen..... $2.00
ONE DOZEN IN A BOX.

No. 695—11½ in., heavy forged steel, slotted, w't per gro. 41 lbs...per dozen $1.50
HALF DOZEN IN A PACKAGE.

BASTING SPOONS.

No. 214—13 in., retinned, wood handle, per dozen..... $1.50

Retinned, Solid Threaded Handle.

Nos.....	010	012	014	016
Length.....	10	12	14	16 in.
Per dozen.....$0.50		.65	.75	.85

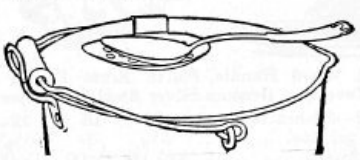
ONE DOZEN IN A PACKAGE.

Retinned, Forged, Extra Heavy.

Nos.....	10	12	14	16	18
Length.....	10	12	14	16	18 in.
W't per doz.....	2	3	4	5½	6 lbs.
Per dozen.....$0.85		1.10	1.35	1.75	1.90

ONE DOZEN IN A PACKAGE.

KETTLE SPOON HOLDERS.



No. 38—Aluminum, hangs on side of kettle so that spoon drips in kettle, per dozen..... $2.00

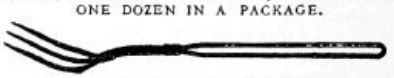
KITCHEN SETS.

No. 11—Complete without covers, 11 pieces consisting of 24 in. jap'd steel rack, perforated cake turner, 2 tine 12 in. wood handled fork, 12 in. perforated wood handled mixing spoon, 14 in. tinned, forged basting spoon, 7 in. wood handled paring knife, wood handled tin dipper or ladle, combination can opener and cork screw, 6 in. best steel ice pick, wood handled tea strainer, fibre sink brush, w't per doz. sets 36 lbs.....per dozen sets $15.00
No. 6—Consists of a 12 in. steel rack, perforated cake turner, 2 tine 12 in. wood handled fork, 12 in. perforated wood handled mixing spoon, 14 in. tinned, forged basting spoon, 7 in. wood handled paring knife, w't per doz. sets 25 lbs.....per dozen sets 10.00
ONE SET IN A PACKAGE.

FLESH FORKS.

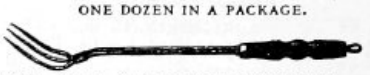
Tinned Wire.

No. 9—12 in., 3 tines, sharp points, w't per doz. 1½ lbs.....per dozen $0.45
ONE DOZEN IN A PACKAGE.

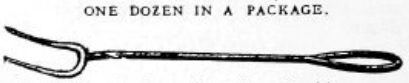


Heavy Tinned Wire.

No. 35—15 in., 3 tines, w't per doz. 2 lbs., per dozen..... $0.50
No. 38—18 in., 3 tines, w't per doz. 3 lbs., per dozen..... .75
ONE DOZEN IN A PACKAGE.



No. 315—15 in., 3 tines, tinned wire tines and shank, enameled wood handle, w't per doz. 3 lbs.....per dozen $1.00
ONE DOZEN IN A PACKAGE.



No. 28—15 in., 2 tines, tinned malleable, w't per doz. 3½ lbs.....per dozen $1.75
ONE DOZEN IN A BOX.

No. 611—12 in., 2 steel tines, tinned, wood handle.....per dozen $2.00
ONE DOZEN IN A BOX.

No. 612—12 in., 2 tines, heavy forged steel, tinned, w't per doz. 3½ lbs., per dozen..... $1.50
ONE DOZEN IN A BOX.

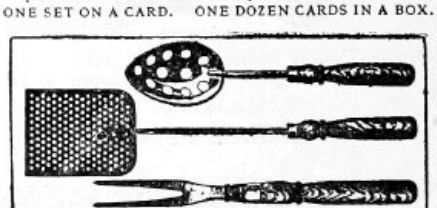
No. 614—14 in., 3 tines, heavy forged steel, tinned, w't per doz. 4½ lbs., per dozen..... $2.00
ONE DOZEN IN A BOX.

HOTEL FORKS, Page 841.

KITCHEN SETS.

Extra Heavy, Tinned Steel.

No. 673—3 pieces, one 12 in. forged basting spoon, one 9 in. hooked mixing spoon, one 12 in. forged flesh fork, w't per doz. sets 8 lbs.....per dozen sets $4.00
ONE SET ON A CARD. ONE DOZEN CARDS IN A BOX.

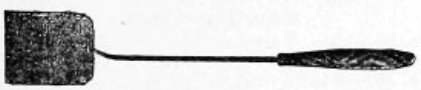


No. 200—12 in. steel fork, 14 in. perforated turner, 11 in. spoon, all tinned, steel shanks, hardwood handles, w't per doz. sets 9 lbs.....per dozen sets $4.00
ONE SET ON A DISPLAY CARD. ONE DOZEN SETS IN A BOX.

KITCHEN UTENSILS.

CAKE TURNERS.

No. 16—3¼×4½ in., tinned, threaded handle.....per dozen $1.00
ONE DOZEN IN A BOX.



Wood Handle.

No. 1—2¾×3⅜ in., length 12 in., polished steel blade, stained handle, per dozen $0.70
No. 2—2⅞×3⅝ in., length 12 in., tinned steel blade, enameled handle, per dozen .90
No. 4—3¼×4¼ in., length 15 in., plated steel blade, natural finish handle, per dozen 1.10
ONE DOZEN IN A BOX.

No. 5—3¼×4¼ in., polished and *perforated* steel blade, natural finish handle, length 15 in.....per dozen $1.50
ONE DOZEN IN A BOX.

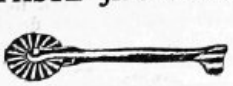
No. 3—3⅞×6¼ in., length 17 in., polished steel blade, natural finish handle, per dozen..... $1.30
ONE DOZEN IN A BOX.

No. 81—3½×5 in., perforated and dished steel blade, nickeled including shank and ferrule, with ebony finish handle, 16 in. over all.....per dozen $1.75
ONE DOZEN IN A BOX.

HOTEL CAKE TURNERS, Page 841.

LIQUOR MIXERS, Page 829.

PASTE JAGGERS.



No. 10—Tinned, malleable shank, steel wheel.....per dozen $0.70

ICE CREAM SPOONS.

No. 160—16 in., forged, retinned, extra strong wood handle, w't per doz. 7 lbs., per dozen..... $4.50
HALF DOZEN IN A PACKAGE.

ICE CREAM DISHERS

No. 1 No. 2

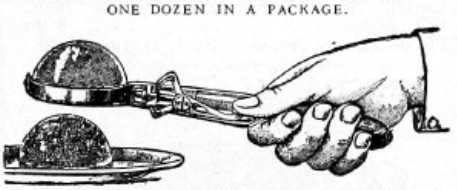
Bright Tin Bowl, Wrought Handle.

No. 1—Dishes to quart..	**16**	**10**	**8**	**6**
W't per doz.....	1¾	2	2⅜	2⅞ lbs.
Per dozen.....	$1.75	2.00	2.00	2.25

Retinned XXXX Seamless Bowl, German Silver Wipers.

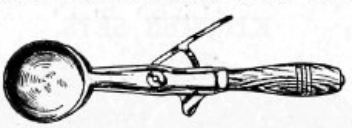
No. 2—Dishes to quart..	**20**	**16**	**12**	**10**
W't per doz.....	1⅝	1¾	1⅞	2 lbs.
Per dozen.....	$3.00	3.00	3.00	3.00
No. 2—Dishes to quart	**8**	**6**	**5**	**4**
W't per doz.....	2⅛	2¼	2⅜	2½ lbs.
Per dozen.....	$4.00	4.00	4.00	4.00

ONE DOZEN IN A PACKAGE.



Hard Wood Handle, Plated Brass Frame and Revolving German Silver Bowl and Wiper.

No. 3—Dishes to quart.	**20**	**16**	**12**
W't per doz.....	5½	6	6¼ lbs.
Per dozen.....	$25.00	25.00	25.00
No. 3—Dishes to quart.	**10**	**8**	**6**
W't per doz.....	6½	6¾	7 lbs.
Per dozen.....	$25.00	25.00	25.00



Hard Wood Handle, Plated Brass Frame, Rigid German Silver Bowl and Revolving Wiper, Working Parts Encased.

No. 4—Dishes to quart.	**20**	**16**	**12**
W't per doz.....	5½	6	6¼ lbs.
Per dozen.....	$25.00	25.00	25.00
No. 4—Dishes to quart..	**10**	**8**	**6**
W't per dozen	6½	6¾	7 lbs.
Per dozen.....	$25.00	25.00	25.00

ICE CREAM CONE FILLERS.

No. 5—Entirely German silver plated bronze wearing parts, four sizes, 16, 20, 24 and penny size 100 to qt.....per dozen $12.00

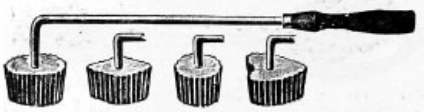
ICE CREAM SCRAPERS.

No. 0—Solid German silver, per dozen $12.00
Attaches inside can with thumbscrew.

STRAWBERRY HULLERS.

No. 1—2¼ in. long, nickel plated, per dozen..... $1.00

TIMBALE IRONS.



No. 1. No. 2. No. 3. No. 4.

Fluted, Nickel Plated, Walnut Handle.

No. 1—18 in., oval..... per dozen $13.50
No. 2—18 in., diamond..... " 12.00
No. 3—18 in., round..... " 12.00
No. 4—18 in., heart..... " 13.50
HALF DOZEN IN A BOX. W'T 24 LBS. PER DOZEN.

GERMAN ROSE CAKE TIMBALES.

No. 5—Two cast forms, one 9 in. steel wire handle, w't per doz. sets 10 lbs., per dozen sets..... $7.00
ONE SET IN A BOX.

ROSETTE PATTY TIMBALES.

No. 6—Two cast forms, one 9 in. tinned steel wire handle, w't per doz. sets 20 lbs.....per dozen sets $7.50
ONE SET IN A BOX.

PASTRY DECORATING BAGS.

No. 2—Rubber, with fancy tin nozzle, 5½×9½ in., for domestic use, per dozen.....$6.00

No. 3—Rubber, with fancy tin nozzle, 8½×15 in., for bakers and confectioners.....per dozen 9.00

PASTRY BAG NOZZLES.

No. 0 Fancy, 2¼ in., tin, for pastry bags above, for domestic use.....per dozen $1.30
No. 3 Plain, ⅜ in. hole, length 2¼ in., per dozen..... 1.00
No. 4 Plain, ½ in. hole, length 2¼ in., per dozen..... 1.00
No. 3 Star, ⅜ in. hole, length 2¼ in., per dozen..... 1.00
No. 4 Star, ½ in. hole, length 2¼ in., per dozen..... 1.00

LARDING NEEDLES.

9 in. polished steel.....per dozen $1.20

TINNERS' TRIMMINGS.

WROUGHT PAIL EARS.

Tinned.

Nos	1	2	3	4	
Length	1¼	1⅜	1⅝	1⅞	in.
W't gro. prs.	2½	2½	4	5	lbs.
Per gro. prs.	$1.00	1.25	1.50	1.75	

Nos	5	6	7	
Length	2⅛	2⅜	2⅞	in.
W't gro. prs.	7	10	14	lbs.
Per gro. prs.	$2.25	2.75	3.50	

HALF GROSS PAIRS IN A BOX.

HEAVY STEEL CUT PAIL EARS.

Tinned.

Nos	10	20	30	40	
Length	1⅛	1¼	1½	1¾	in.
W't gro. prs.	4½	5	5¾	8	lbs.
Per gro. prs.	$2.25	3.00	3.75	5.00	

Nos	50	60	80	
Length	1⅞	2⅛	2⅜	in.
W't gro. prs.	13½	17	40	lbs.
Per gro. prs.	$6.50	8.00	17.50	

HALF GROSS PAIRS IN A BOX.

LONG PAIL EARS.

No. 300—2½ in., long neck, tinned, malleable, w't per gro. pairs 10 lbs., per gross pairs $5.00

HALF GROSS PAIRS IN A BOX.

EXTRA HEAVY MALLEABLE EARS.

Tinned.

Nos	1	2	3	4	
Length	1¾	2	2½	2¾	in.
Per lb.	$0.25	.25	.25	.25	

100 LBS. BULK IN CASE.

CAN SCREWS.

Deep Straight Pattern.

½ in., tin, cork lined ..... per gross $4.00

Tin, Regular Deep Pattern.

Diameter	¾	1	1¼	in.
Per gross	$3.50	5.00	7.00	
Diameter		1½	2	in.
Per gross		$10.00	12.00	

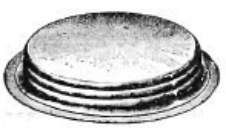
Zinc, Regular Deep Pattern.

Diameter	½	¾	1	in.
Per gross	$4.00	4.50	6.00	
Diameter	1¼	1½	2	in.
Per gross	$8.00	12.00	20.00	

Brass, Regular Deep Pattern.

Diameter	¾	1	1¼	in.
Per gross	$5.50	7.50	10.00	
Diameter		1½	2	in.
Per gross		$13.00	21.00	

HALF GROSS IN A BOX.



Shallow Flange Pattern.

3 in., tin ..... per gross $5.00
4 in., tin ..... " 6.00

SPRINKLER ROSES.

Zinc Face, Tin Base.

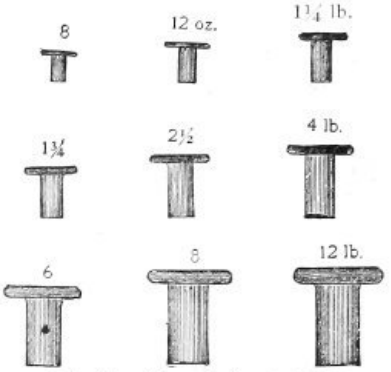
Nos	100	120	121	
Diameter	1¾	2¼	3¼	in.
W't per doz.	¾	1	1½	lbs.
Per dozen	$0.65	1.00	1.50	

Nos	122	123	
Diameter	3¾	4¼	in.
W't per doz.	2	2½	lbs.
Per dozen	$2.00	2.50	

ONE DOZEN IN A BOX.

TINNERS' RIVETS.

Full Size Cuts.



(Price List Adopted Jan. 8, 1904.)

Black.

Ounces	8	10	12	
Per thousand	$0.20	.22	.24	
Pounds	1	1¼	1½	1¾
Per thousand	$0.27	.29	.33	.37
Pounds	2	2½	3	3½
Per thousand	$0.42	.55	.60	.70
Pounds	4	5	6	7
Per thousand	$0.76	.90	1.08	1.26
Pounds	8	10	12	14
Per thousand	$1.44	1.75	1.96	2.31

Tinned.

Ounces	8	10	12	
Per thousand	$0.28	.31	.35	
Pounds	1	1¼	1½	1¾
Per thousand	$0.42	.48	.55	.64
Pounds	2	2½	3	3½
Per thousand	$0.72	.83	1.05	1.22
Pounds	4	5	6	7
Per thousand	$1.36	1.65	1.98	2.31
Pounds	8	10	12	
Per thousand	$2.64	3.25	3.76	

ONE THOUSAND IN A PAPER.

RIVETING BURS.

No. 8. No. 7. No. 6.

Tinned Iron.

Nos	8	7	6
Per pound	$0.43	.40	.38

ONE POUND IN A PACKAGE.

3/16 inch. ¼ inch.

Black Iron.

Inches	3/16	¼
Per pound	$0.28	.23

ONE POUND IN A PACKAGE.

TINNERS' TRIMMINGS.

TEA POT KNOBS.

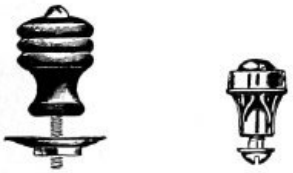
Cuts two-thirds size.

No. 25. No. 30. No. 100.

No. 25—Enameled wood, *small*, per gross $0.80
No. 30—Enameled wood, *medium*, per gross ..... .90
No. 100—Enameled wood, *large*, per gross 1.00

ONE GROSS IN A BOX.

REPAIR KNOBS.



No. 54. No. 66.

No. 54—Enameled wood, ass't'd sizes, with bolt, nut and tin washer, for repairing without solder ..... per gross $1.50

ONE GROSS IN A BOX.

No. 66—Indestructible, nickel plated metal, diameter ⅝ in., ¾ in. and ⅞ in. assorted, with set screw and washer, per gross $4.00

QUARTER GROSS IN DISPLAY BOX; LESS NOT SOLD.

No. 55—Three dozen assorted on a card, enameled wood, with bolt and nut, 2 tin washers, to be used without solder, can be attached by any one ..... per card $0.75

DOVER CAN SPOUTS.

Nos.	9	8	7	6
Length	3¾	4¼	5	5½ in.
Per gross	$5.50	6.00	6.50	7.00

HALF GROSS IN A PACKAGE.

TEA POT HANDLES.

No. 54½—5 in., enameled wood, for slanting pots, w't per doz. 1½ lbs., per dozen $1.00
No. 55½—5½ in., enameled wood, for slanting pots, w't per doz. 1¾ lbs., per dozen 1.00

Both ears for soldering.

ONE DOZEN IN A BOX.

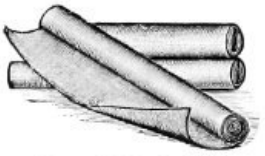
PAIL WOODS.

Enameled.

Nos	3	3½	4	
Length	3	3½	4	in.
W't per gro	3	6	12	lbs.
Per gross	$0.90	1.00	1.20	

LOOSE.

STRAINER WIRE CLOTH.



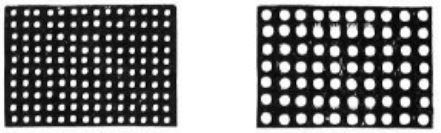
Brass, 12 Inches Wide.

Mesh	40	50	60	
W't per roll	¾	1	1	lb.
Per roll	$1.25	1.50	2.00	

Mesh	70	80	
W't per roll	1½	1½	lbs.
Per roll	$4.00	5.00	

FIVE FEET IN A ROLL.

PERFORATED TIN.



No. 2. No. 4.

IC, 14x20 Inches.

Nos	1	2	3	4	5
Holes, per in.	18	15	12	10	8
Per dozen	$3.50	3.25	3.25	3.00	3.00

AVERAGE WEIGHT 8 LBS. PER DOZEN.

BOX CONTAINS 112 SHEETS.

BOILER HANDLES.

No. 1—3½ in., coppered, 5 to lb., per pound $0.08
No. 2—4 in., coppered, 3 to lb., per pound ..... .08

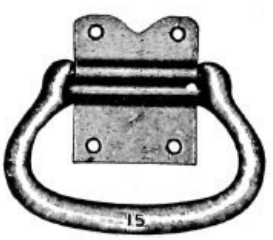
We give the average number to the pound and extreme length.

CAN HANDLES, WITH CLIPS.

Tinned, Malleable.

No. 3575—Inches	3	3½	4	
W't per doz. prs.	3½	5	6½	lbs
Per dozen pairs	$1.60	1.80	2.20	

ONE DOZEN PAIRS IN A BOX.



No. 015—4 in., *japanned* iron, japanned steel clip, w't per doz. prs. 11 lbs., per dozen pairs $1.50
No. 15—4 in., *tinned* iron, tinned steel clip, w't per doz. prs. 11 lbs., per dozen pairs 2.00

Specially adapted for ash, garbage and heavy cans of all kinds; the cross bar prevents rubbing hand.

WIRE RINGS AND CLIPS.

Coppered Wire, Tin Clip.

Diameter	½	¾	1	in.
W't per gro	⅜	⅝	1	lb.
Per gross	$0.25	.30	.40	

Diameter	1¼	1½	in.
W't per gro	1¼	1¾	lbs.
Per gross	$0.45	.65	

ONE GROSS IN A BOX.

JAPANNED TINWARE.

FLOUR BOXES.

Round Flour Boxes, with Hinged Cover and Hasp, Decorated.

No. 25—16¾×9¾ in., capacity 25 lbs., w't per doz. 84 lbs.....per dozen $14.00
No. 50—20½×12½ in., capacity 50 lbs., w't per doz. 114 lbs....per dozen 17.50
No. 100—26½×15½ in., capacity 100 lbs., w't per doz. 150 lbs....per dozen 24.00
NOS. 25 AND 50, TWO ONLY; NO. 100, ONE ONLY IN A CRATE.

FLOUR BIN SIFTERS.

Nos. 125 to 200.

Rotary Flour Bin Sifters, with Pan, Decorated.

No. 125—23×10⅛ in., capacity 25 lbs., w't per doz. 144 lbs.....per dozen $30.00
No. 150—27¼×12⅞ in., capacity 50 lbs., w't per doz. 204 lbs....per dozen 38.00
No. 200—34×15½ in., capacity 100 lbs., w't per doz. 300 lbs.....per dozen 52.00
ONE IN A CRATE.

Flour Bin Sifters, with Drawers, Decorated, Lighter Material, Otherwise Similar to Nos. 125 to 200.

No. 103—20×10½ in., capacity 25 lbs., w't per doz. 108 lbs.....per dozen $26.00
No. 105—26½×13 in., capacity 50 lbs., w't per doz. 138 lbs.....per dozen 32.00
ONE IN A CRATE.

R. C. BREAD BOXES.

Black Japanned, Gold Decorations, Rounded Seamless Corners and Cover.

No. 112—Size 11×13⅝×9½ in., shipping w't per doz. 40 lbs.....per dozen $5.50
No. 113—Size 12×17×11½ in., shipping w't per doz. 55 lbs.....per dozen 6.75
No. 115—Size 14×19½×13 in., shipping w't per doz. 70 lbs.....per dozen 9.60
No. 235—Nest, consisting of one each of Nos. 112, 113 and 115, w't per doz. nests 145 lbs.....per dozen nests 19.80
Sanitary and easier to keep sweet and clean than the old style square corner bread boxes.
NOS. 111, 113 AND 115 ONE-SIXTH DOZEN; NO. 235 ONE NEST IN A CARTON.

BREAD BOXES.

Nos.	12	13
Size	13½×9½×9¼	15×11×10 in.
W't per doz.	50	65 lbs.
Per dozen	$10.00	12.00
Nos.	**14**	**15**
Size	17×12×10½	19×13½×10½ in.
W't per doz.	75	85 lbs.
Per dozen	$14.00	16.00

ONE-QUARTER DOZEN IN A CRATE.

No. 30—Three in a nest, one each Nos. 12, 13 and 14, w't per doz. nests 135 lbs.....per dozen nests $30.00
No. 32—Three in a nest, one each Nos. 13, 14 and 15, w't per doz. nests 170 lbs.....per dozen nests 34.00
TWO NESTS IN A CRATE.

CAKE BOXES.

No. 31.

No. 3.

No. 31—Three in a nest, sizes, 13½×9½×9¼ in., 15×11×10 in. and 17×12×10½ in., w't per nest 9½ lbs.....per nest $2.75
No. 3—Round, stamped top, improved hasp, ornamented, 3 in a nest, 10½ in., 11½ in. and 12½ in., w't per nest 6½ lbs.....per nest 2.50
NO. 31, TWO NESTS IN CRATE; NO. 3, ONE NEST IN PACKAGE.

BREAD AND CAKE CLOSETS.

Nos. 1 and 2.

Aluminum Finish.

No. 1—1 shelf, 12×9¼×15½ in., w't per doz. 48 lbs., per dozen...$22.50
No. 2—2 shelf, 13½×12×19¾ in., w't per doz. 84 lbs., per dozen... 30.00
ONE IN A PACKAGE.

No. 11—Tin, 14×17×11 in., 1 shelf, w't per doz. 98 lbs., per dozen $15.00
No. 21—Galvanized, 24×15×12 in., 2 shelves, w't per doz. 190 lbs., per doz..... 30.00
No. 22—Galvanized 28×17×13½ in., 2 shelves w't per doz. 228 lbs. ... per doz. 36.00

NO. 11 HALF DOZEN; BALANCE, QUARTER DOZEN IN A CASE.

The attractive idea in these cabinets is the "knock down" feature, insuring delivery in perfect condition at lower freight rate.

LUNCH BOXES.

No. 00.

No. 10.

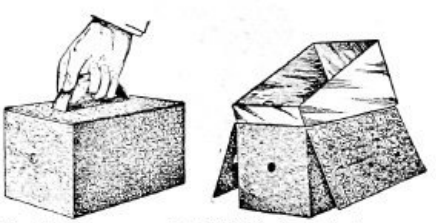
No. 00—Brown fibre, with strap, in nests of three, sizes, small 6×5×4 in., medium 7½×5½×4½ in., large 8½×6×5 in., average w't per doz. 13 lbs., per dozen nests..... $5.50
No. No. 10—Waterproofed fibre, with clasp, 8×4×4 in., folds flat, average w't per doz. 5½ lbs.....per dozen 2.50

Nos. 1 and 2.

No. 7.

No. 1—7¾×3¾×3¾ in., japanned tin, folding, w't per doz. 6 lbs....per dozen $3.00
No. 2—8⅞×4×4¼ in., japanned tin, folding, w't per doz. 7½ lbs., per dozen 3.50
No. 7—7½×5×4¾ in., japanned tin, with spring cover catch, w't per doz. 9 lbs.....per dozen 4.00

No. 8—7½×5×4¾ in., japanned tin, round corners, hinge cover, swinging wire bale, wood grip, w't per doz. 9 lbs .....per dozen $4.50
No. 9—8¾×6×4½ in., otherwise same as No. 8, w't per doz. 11 lbs..per dozen 5.00
ONE DOZEN IN A CRATE.



No. 5—Camera, 5×5×7½ in., cloth covered board, imitation leather, removable tin case inside, w't per doz. 12 lbs.....per dozen $7.00

No. 6—5×5×7½ in., clasp cover fastening, cloth covered imitation leather, removable tin case, heavy corner feet, w't per doz. 12 lbs .....per dozen $8.50

JAPANNED TINWARE.

PEPPER AND DREDGE BOXES.

Pepper. Dredge.

No. 1—Small pepper, w't per doz. 1½ lbs.....per dozen $0.40
No. 2—Large pepper, w't per doz. 1¾ lbs.....per dozen .50
No. 3—Large dredge, w't per doz. 2 lbs., per dozen..... .90

ONE DOZEN IN A PACKAGE.

CANISTERS.

Tea, Hinge Cover.

Nos	1	2	3
Capacity	1	2	3 lbs.
Diameter	4	5	6 in.
W't per doz.	4½	7	9 lbs.
Per dozen	$2.00	3.00	4.00

Coffee, Hinge Cover.

Nos	21	22	23
Capacity	1	2	3 lbs.
Diameter	4	5	6 in.
W't per doz.	4	7	9 lbs.
Per dozen	$2.00	3.00	4.00

ROUND SPICE BOXES.

No. 6—7½ in. with 5 round boxes inside, w't per doz. 16 lbs.....per dozen $7.00

ONE IN A PACKAGE.

ROUND SUGAR BOXES.

No. 4—Flat top, 3 in a nest, capacity 3½, 7 and 10 lbs. diam. 6¼ in., 7¼ in., 8¼ in., w't per nest 2½ lbs. per dozen nests $10.00

ONE NEST IN A PACKAGE.

MOLASSES CUPS.

Pints	1	2
W't per doz.	3	4 lbs.
Per dozen	$1.75	2.25

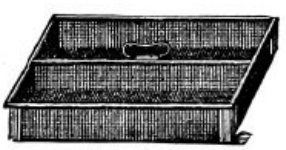
HALF DOZEN IN A PACKAGE.

SYRUP PITCHERS.

No. 20—20 oz. (1¼ pt.), glass, tin top, w't per doz. 14 lbs.....per dozen $3.00

KNIFE AND FORK TRAYS.

No. 2—12×8¼×2½ in., japanned tin, round corners, two compartments, w't per doz. 12 lbs.....per dozen $7.50



No. 40—11¾×8×2 in., green enameled wire cloth, tin bound, two compartments, w't per doz. 9 lbs....per dozen $6.50

POST OFFICE BOXES.

No. 1.

Nos	1	2
Compartments	1	2
W't per doz.	4½	7 lbs.
Per dozen	$3.00	5.00

No. 3—3 compartments, w't per doz. 10 lbs.....per dozen $6.00

ONE-SIXTH DOZEN IN A PACKAGE.

DEED BOXES.

With Hasp.

Nos	0	1	2
Length	8½	9½	10½ in.
Width	5¾	6¾	7½ in.
Depth	3¼	3½	4½ in.
W't per doz.	8	11	14 lbs.
Per dozen	$6.50	7.00	8.50

Nos	3	4
Length	11½	13 in.
Width	8⅜	9½ in.
Depth	5⅜	5⅝ in.
W't per doz.	15	21 lbs.
Per dozen	$9.50	11.00

ONE IN A PACKAGE.

CASH BOXES.

Flat Keyed Lock.

Nos	8½	9½	10½
Length	8½	9½	10½ in.
Width	5¾	6⅜	7⅜ in.
Depth	3⅛	3¾	4¼ in.
W't per doz.	10	13	18 lbs.
Per dozen	$8.00	9.00	10.00

Nos	11½	13
Length	11½	13½ in.
Width	8⅜	10 in.
Depth	5	6¼ in.
W't per doz.	24	32 lbs.
Per dozen	$11.50	14.00

ONE IN A PACKAGE.

BOND BOXES.

Flat Keyed Lock.

No. 11—10½ in. long, 5 in. wide, 4 in. high, w't per doz. 13½ lbs..per dozen $10.00

ONE IN A PACKAGE.

JAPANNED TINWARE.

MATCH SAFES.

No. 21.

No. 22.

No. 21—Twin.....per dozen $0.70
No. 22—Square..... " .85

ONE DOZEN IN A PACKAGE.

No. 804—Rolled steel, nickel plated, box 2½×1¾ in., concave bottom with scratcher underneath.....per dozen $1.50

ONE DOZEN IN A BOX.

No. 6—4×2 in., bronzed cast iron, self-closing, w't per doz. 14 lbs..per dozen $3.50

ONE-THIRD DOZEN IN A BOX.

No. 064

No. 065.

No. 064—4½×5 in., embossed silverine, in assorted red, blue and green, per dozen $0.80
No. 065—4½×5 in., embossed silverine, in assorted red, blue and green, with mirror.....per dozen 1.00

We do not break boxes.

ONE DOZEN IN A BOX.

CANDLESTICKS.

No. 1—Japanned, diam. 5 in...per dozen $0.90

No. 111—Spun brass, diam. 5 in., w't per doz. 3 lbs.....per dozen $4.50

HALF DOZEN IN A PACKAGE.

COMB CASES.

No. 1—7×6 in., tin, fancy japanned, per dozen..... $1.00

HALF DOZEN IN A PACKAGE.

No. 5—8×8 in., embossed silverine, bright.....per dozen $1.00

ONE DOZEN IN A BOX.

No. 61—9×9 in., embossed silverine, with mirror and two match receptacles, in assorted red, blue and green..per dozen $1.90

We do not break boxes.

HALF DOZEN IN A BOX.

CHAMBER PAILS.

Nos. 2, 3 and 4.

Nos. 2½ to 03.

No. 2 —10 qt., japanned, w't per doz. 28 lbs.....per dozen $6.50
No. 3 —12 qt., japanned, w't per doz. 27 lbs.....per dozen 7.00
No. 4 —14 qt., japanned, w't per doz. 32 lbs.....per dozen 8.25
No. 2½—10 qt., galvanized, w't per doz. 32 lbs.....per dozen 7.00
No. 3½—12 qt., galvanized, w't per doz. 38 lbs.....per dozen 8.25
No. 4½—14 qt., galvanized, w't per doz. 42 lbs.....per dozen 9.75
No. 03 —12 qt., galvanized and painted outside, w't per doz. 36 lbs...per dozen 9.50

HALF DOZEN IN A CRATE.

COMBINATION COMMODE PAILS.

No. 25—14 qt., heavy galvanized, w't per doz. 75 lbs.....per dozen $20.00
Has two covers and removable metal ring seat, used with large cover only for *chamber pail*. The small cover has ring for disinfecting sponge.

This is a desirable article in that it is smooth, without corners or grooves, cleaning perfectly.

ONE-QUARTER DOZEN ONLY IN A CRATE.

BAILED SLOP JARS.

No. 11.

No. 10.

No. 11—10 qt., japanned, w't per doz. 31 lbs.....per dozen $6.50
No. 10—10 qt., galvanized iron with high rim, w't per doz. 39 lbs.....per dozen 7.00

HALF DOZEN IN A CRATE.

JAPANNED TINWARE.

TOILET SETS.

Small Size, Japanned, Gold Bands, Tub 17×13½×6½ Inches.

No. 23—Blue, w't per set 17 lbs., per dozen sets..... $25.00

No. 25—Red, w't per set 11 lbs., per dozen sets..... 25.00

No. 26—Drab, w't per set 11 lbs., per dozen sets..... 25.00

ONE SET IN A CRATE.

Large Size, Japanned, Fancy Gilt Decorations, Tub 17×13½×8½ Inches.

No. 113—Blue, w't per set 12 lbs., per dozen sets..... $27.00

No. 115—Red, w't per set 12 lbs., per dozen sets..... 27.00

No. 116—Pink, w't per set 12 lbs., per dozen sets..... 27.00

ONE SET IN A CRATE.

TOILET STANDS.

No. 03½.

No. 03 —Stand only, with soap dish, japanned wrought iron frame, height 30½ in., diameter at base 12 in., per dozen..... $22.00

No. 03½—Stand same as No. 03, fitted with 12 in. japanned wash basin, japanned soap dish and water pitcher, handsomely decorated, assorted colors, w't 14½ lbs.....per dozen 27.00

ONE IN A CRATE.

COMBINATION BATH TUBS.

Dark Japanned, Green Inside.

No. 34—34 in., w't 22 lbs.....per dozen $92.40

ONE IN A CRATE.

HIP OR SITZ BATH TUBS.

Dark Japanned, Green Inside.

No. 26—26 in., w't 20 lbs.....per dozen $77.70

ONE IN A CRATE.

SPONGE OR HAT BATH TUBS.

Dark Japanned, Green Inside.

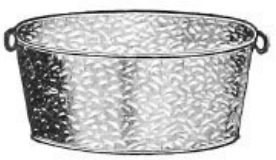
No. 25—38 in., w't 22 lbs.....per dozen $98.70

ONE IN A CRATE.

OVAL FOOT TUBS.

Dark Japanned, Green Inside.

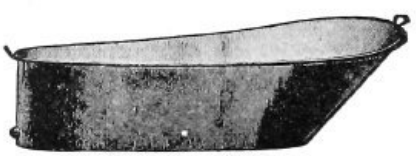
Nos.....	01	02	03
Length.....	17	18	20 in.
W't per doz...	23	29	30 lbs
Per dozen.....$6.25		8.25	10.00



Galvanized.

Nos.....	101	102	103
Length.....	17	18	20 in.
W't per doz...	35	37	42 lbs
Per dozen.....$7.50		9.00	10.00

INFANTS' BATH TUBS.



Dark Japanned, Green Inside.

Nos.....	1	2	3	4
Length.....	27	30	33	36 in.
W't per doz..	38	52	72	86 lbs.
Per dozen....$17.50		20.00	25.00	30.00

PLUNGE BATH TUBS.

Dark Japanned, Green Inside.

No. 04—4 ft., wood bottom, w't each 25 lbs.....per dozen $107.00

No. 05—5 ft., wood bottom, w't each 32 lbs.....per dozen 113.00

No. 06—6 ft., wood bottom, w't each 37 lbs.....per dozen 132.00

ONE IN A CRATE.

JAPANNED TINWARE.

DUST PANS.

No. 01—1C, 9×13 in., japanned, corrugated, w't per doz. 5 lbs.....per dozen $1.10
No. 1—1X, 9×13 in., japanned, corrugated, w't per doz. 8½ lbs....per dozen 1.50
No. 5—1X, 9×13 in., triple edge, japanned oak finish, corrugated, w't per doz. 9 lbs.....per dozen 2.10

HALF DOZEN IN A PACKAGE.

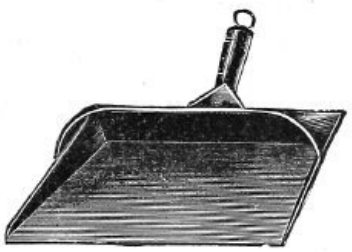
No. 010—1C, 9×13 in., half covered, japanned, w't per doz. 6 lbs., per dozen..... $2.10
No. 10—1X, 9×13 in., half covered, japanned plain, w't per doz. 9 lbs., per dozen..... 2.50
No. 50—1X, 9×13 in., half covered, triple edge, japanned oak finish, w't per doz. 10 lbs.....per dozen 3.00

ONE-QUARTER DOZEN IN A PACKAGE.

Quaker Pattern.

No. 021—1X, 8½×12½ in., japanned, turned edge, w't per doz. 9 lbs., per dozen..... $2.25
No. 21—XXX, 8½×12½ in., japanned, turned edge, wired rim, w't per doz. 12 lbs.....per dozen 3.50

ONE-QUARTER DOZEN IN A PACKAGE.



No. 210—XXX, 8½×12½ in., Quaker pattern, japanned, half covered, turned edges, w't per doz. 16 lbs....per dozen $5.50

ONE-QUARTER DOZEN IN A PACKAGE.

DUST PANS AND BRUSHES.

No. 115—10×12 in., japanned, with brush, w't per doz. 17 lbs., per dozen..... $11.00

ONE IN A PACKAGE.

CRUMB PANS AND BRUSHES.

No. 1—6×9¼ in., assorted colors, black tampico brush, w't per doz. 5 lbs., per dozen..... $4.50

ONE IN A PACKAGE.

CRUMB PANS AND SCRAPERS.

No. 55—8½×8¾ in., embossed, silver finish, shell pattern, with embossed scraper, w't per doz. 6 lbs., per dozen $1.75

HALF DOZEN IN A BOX.

CHILDREN'S TRAYS.

No. 900—Silver finish, 12×16 in., w't per doz. 13 lbs.....per dozen $4.25

WRAPPED SEPARATELY IN PAPER.

OVAL TEA TRAYS.

Black Japanned, Gilt Striped.

Nos	012	014	016	018
Length	12	14	16	18 in.
W't per doz.	4	5	7	10 lbs.
Per dozen	$1.40	1.60	2.00	2.50

ONE-QUARTER DOZEN IN A PACKAGE.

Black Japanned, Gilt Leaf Design.

No. 395—Inches	20	22	24	26
W't per doz.	15	17	24	25 lbs.
Per dozen	$4.00	4.25	6.00	7.50

ONE-QUARTER DOZEN IN A PACKAGE.

Black Japanned, Gilt Grecian Design.

No. 526—Inches	14	16	18
W't per doz.	5½	7½	9½ lbs.
Per dozen	$4.50	6.50	8.00

No. 526—Inches	20	22	24	26
W't per doz.	14	16½	24	26 lbs.
Per dozen	$10.00	12.00	15.00	18.00

ONE-QUARTER DOZEN IN A PACKAGE.

Extra Heavy Hotel, Plain Japanned.

No. 54—Inches	20	22	24
W't per doz.	30	43	49 lbs.
Per dozen	$8.00	10.00	12.50

No. 54—Inches	26	28
W't per doz.	54	76 lbs.
Per dozen	$15.50	20.00

WRAPPED SEPARATELY IN PAPER.

ROUND TEA TRAYS.

No. 13—13 in., polished and etched, assorted designs, w't per doz. 6 lbs., per dozen..... $2.00

ONE DOZEN IN A PACKAGE.

CUSPIDORS.

No. 30—Japanned tin, assorted colors and striped, diameter of top 7 in., height 3⅝ in., w't per doz. 4½ lbs., per dozen..... $1.70

No. 40—Japanned tin, assorted colors and striped, diameter of top 8¼ in., height 5⅜ in., w't per doz. 7 lbs....per dozen 3.00

ONE-QUARTER DOZEN IN A PACKAGE.

No. 4—Cast, broad top, painted and striped, self-righting, porcelain lined, diameter of top 9½ in., height 6 in., w't per doz. 80 lbs.....per dozen $10.00

HALF DOZEN IN A CRATE.

No. 14.

No. 24.

No. 14—Pressed steel, enameled in colors and striped, white enameled inside, self-righting, diameter of top 8 in., height 5 in., w't per doz. 40 lbs., per dozen..... $ 9.50

No. 24—Diameter 9½ in., broad top, height 5⅜ in., w't per doz. 55 lbs., otherwise same as No. 14...per dozen 12.00

ONE DOZEN IN A CRATE.

No. 44—Pressed steel, white inside, enameled in colors and striped outside, seamless, indestructible and easily cleaned, diameter 10½ in., height 4½ in., w't per doz. 83 lbs.....per dozen $18.00

ONE DOZEN IN A CRATE.

No. 11.

No. 21.

No. 11—Planished tin, plain, diameter of top 7½ in., height 4¼ in., w't per doz. 6 lbs.....per dozen $2.25

No. 21—Planished tin, fluted body, diameter of top 7½ in., height 4¾ in., w't per doz. 6½ lbs.....per dozen 2.50

HALF DOZEN IN A PACKAGE.

No. 13.

No. 16.

No. 13—Nickel plated tin, polished, fluted body, beaded top, loaded bottom, diameter of top 7½ in., height 5 in., w't per doz. 9 lbs.....per dozen $3.50

No. 16—Nickel plated brass, polished, beaded top, loaded bottom, diameter of top 8 in., height 4½ in., w't per doz. 12 lbs.....per dozen 9.00

NO. 13, WRAPPED SEPARATELY; NO. 16, ONE IN A BOX.

No. 1—PULLMAN, nickel plated tin, diameter of top 5½ in., diameter of base 7½ in., height 3⅝ in., w't per doz. 10½ lbs.....per dozen $ 6.00

No. 2—PULLMAN, nickel plated brass, w't per doz. 10½ lbs., otherwise same as No. 1.....per dozen 15.00

ONE IN A BOX.

No. 350.

Nos. 404 and 505.

No. 350—Nickel plated tin, loaded bottom, diameter of top 9½ in., height 5⅜ in., w't per doz. 17 lbs..per dozen $ 9.00

No. 404—Brass, highly polished, loaded bottom, diameter of top 8 in., height 5¼ in., w't per doz. 19½ lbs., per dozen..... 15.00

No. 505—Nickel plated brass, polished, loaded bottom, diameter of top 8 in., height 5¼ in., w't per doz. 19 lbs., per dozen..... 15.00

NO. 350, WRAPPED SEPARATELY; NOS. 404 AND 505, ONE IN A BOX.

No. 1222.

No. 1226.

No. 1222—Brass, highly polished, loaded bottom, diameter 9 in., height 7¼ in., w't per doz. 45 lbs.....per dozen $27.00

No. 1226—Brass, highly polished, heavily weighted bottom, self-righting, diameter 11 in., height 6⅞ in., w't per doz. 77 lbs.....per dozen 36.00

Suitable for halls, hotel or club rooms.

WRAPPED SEPARATELY.

No. 1218—Heavy polished brass, solid iron lined, heavy loose cover, diameter 10⅝ in., height 4¼ in., w't per doz. 135 lbs.....per dozen $42.00

For hotels, saloons, club houses or public buildings. Will not jam or break.

WRAPPED SEPARATELY.

No. 1206.

No. 1228.

No. 1206—Brass, highly polished, loaded bottom, diameter of base 9½ in., height 9½ in., w't per doz. 84 lbs., per dozen..... $45.00

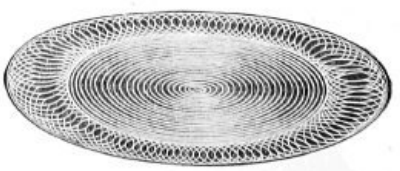
No. 1228—Brass, highly polished, heavily weighted flat bottom, diameter of bottom 9 in., height 9¼ in., w't per doz. 66 lbs.....per dozen 45.00

WRAPPED SEPARATELY.

No. 1220—Brass, highly polished, very heavily weighted bottom, self-righting, diameter top 8 in., height 12 in., w't per doz. 66 lbs..... per dozen $48.00

WRAPPED SEPARATELY.

CUSPIDOR MATS.



No. 4.

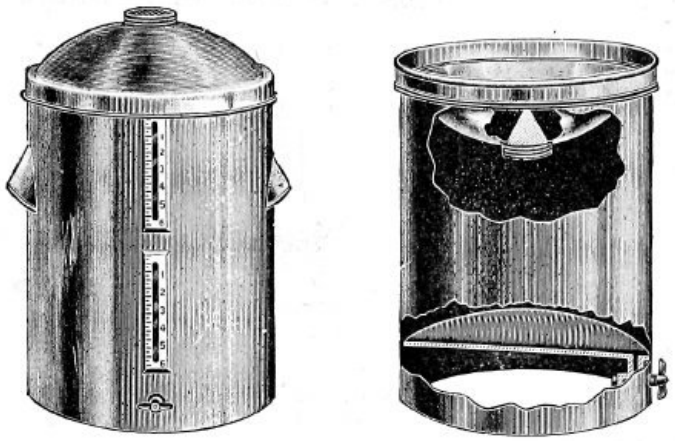
Rubber.

No. 4—Round, diameter 18 in., w't per doz. 18 lbs.....per dozen $6.00

No. 7—Hexagon, diameter 18 in., w't per doz. 18 lbs.....per dozen 6.00

CREAM SEPARATORS AND STANDS.

SIMPLEX SEPARATORS.



Single Can, Dilution Type, XXXX Bright Tin, Concave Bottom Slanting to Outlet to Drain Completely, Concealed Straightway Faucet Readily Cleaned and Cannot be Knocked off, Two Gauges, Reversible Combination Ventilating Cover and Strainer, Strainer Removable.

Nos	206	208	210	212
Milk capacity	5½	7½	9½	11 gal.
Sizes	15×20	15×23	15×27	15×30 in.
W't crt'd	16	16½	18½	24 lbs.
Each	$4.00	4.50	5.00	5.50

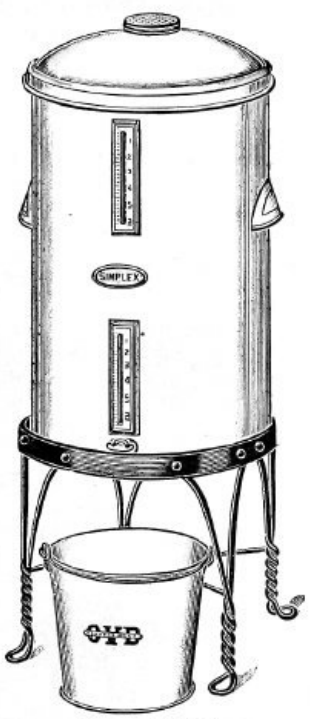
DIRECTIONS: Set in cool place on bench or shelf high enough for pail to go under and extended over edge of bench so faucet will clear; pour fresh milk through reversed cover, add like amount cold water or ice, in cold weather less water answers. When separation is complete (after two or three hours) first draw skim milk, then the cream, after which scald and sun-sweeten for next milking.

Nature's way, with only pure water added.

(Actual capacity is double milk capacity shown.)

ONE IN A CRATE.

SIMPLEX SEPARATOR STANDS.

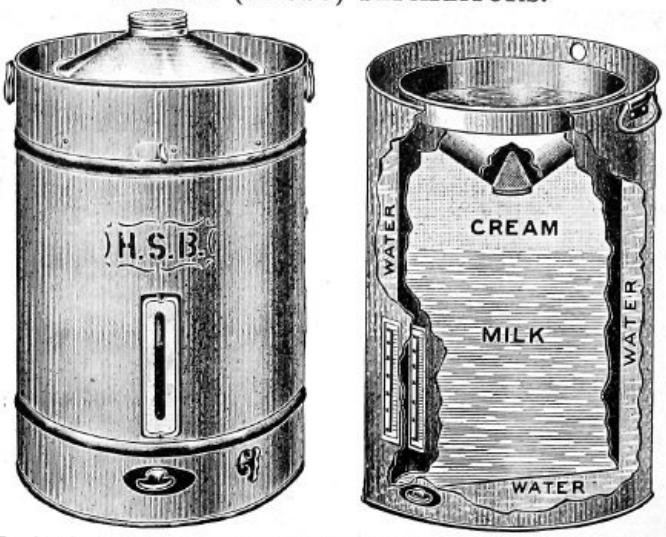


Japanned Steel.

No. 201—18 in. high, for mounting Simplex separators, legs of ⅜ in. twisted steel rod and bolted to top rim, w't 8 lbs each, stand only $2.00

ONE IN A BUNDLE, KNOCKED DOWN.

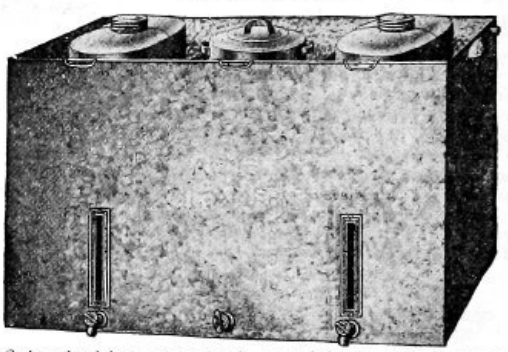
H. S. B. (CRUSO) SEPARATORS.



Double Can, Inner Milk Can Removable, Heavy Bright Tin Painted Water Side, Slanting Bottom, Draining Completely, Reversible Combination Cover and Strainer, the Cone Strainer Removable.

Nos	6	8	11	13
Milk capacity	6	8	11	13 gal.
W't crt'd	28	31	35	39 lbs.
Each	$5.00	5.50	6.50	7.50

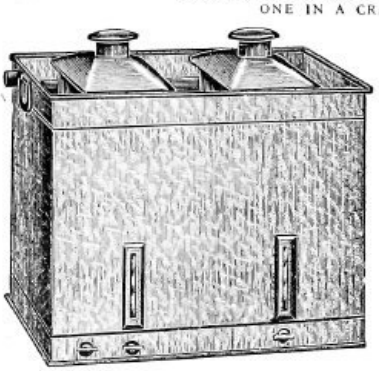
ONE IN A CRATE.



No. 53—Galvanized iron water tank, containing 2 4½ gal. removable oval tin milk cans, and 1 3-gal. round cream storage can, w't crt'd 52 lbs. ..... each **$13.00**

Like No. 305 with extra storage can.

ONE IN A CRATE.



Double Can Accommodates Two Milkings, Galvanized Iron Outer Can, Two Oval Inner Cans of Heavy Bright Tin, Painted on Water Side, Concave Perfectly Draining Bottom, Milk Cans Removable by Unscrewing Faucet, Concealed Faucet not Easily Knocked Off, Reversible Strainer and Ventilating Covers.

Nos	305	308	310
Milk capacity	9	15	19 gal.
W't crt'd	33½	40	45½ lbs.
Each	$9.00	9.50	10.00

ONE IN A CRATE.

DIRECTIONS FOR ALL ABOVE: Set separator where it will not be disturbed, on bench or shelf high enough for pail to go under, and projecting so faucet outlet clears; pour milk into inner can through reversed cover, then cold water into outer can, colder the better, water may run continually. When cream has all raised, draw off skimmed milk, then the cream into another vessel, scalding and sunning inner can for next milking.

MILK CANS.

Unless Otherwise Specified Cans Will be Fitted with Regular Covers Illustrated on Page 863. Nos. 205, 208, 210, 408, 410, 608, 610, 808 and 810 Will be Fitted with No. 3 Stamped or No. 30 Malleable Handles to Order.

ELGIN PATTERN.

Competition.

Round sanitary handles, regular cover, seamless one piece bowl and neck double seamed to seamless breast, strong breast hoop and inside riveted bottom hoop, supporting body and bottom on flange, all retinned.

Nos	105	108	110
Capacity	5	8	10 gal.
W't each	12	14	17 lbs.
Per dozen	$23.00	26.00	28.00

A good can for ordinary use.

HEAVY ELGIN.

Reinforced round sanitary handles, regular cover, one piece seamless bowl and neck double seamed to heavy seamless breast and reinforced with strong breast hoop, heavy bottom and body supported on flange on heavy inside bottom hoop, all retinned and thoroughly well soldered.

Nos	408	410
Capacity	8	10 gal.
W't each	17½	19½ lbs.
Per dozen	$29.00	32.00

A hard service can.

EXTRA HEAVY ELGIN.

(For Railway Shipping.)

Reinforced round handles, regular cover, heavy seamless bowl and neck double seamed to high, non-buckling heavy seamless breast overlapping body and reinforced by extra heavy oval breast hoop, extra heavy body and bottom resting on flange of strong welded inside bottom hoop, extra retinned and fullest possible soldered.

Nos	808	810
Capacity	8	10 gal.
W't each	20	22 lbs.
Per dozen	$32.00	35.00

The best can for roughest possible use.

IOWA PATTERN.

Competition.

Round sanitary handles, regular cover, seamless one piece bowl and neck double seamed to seamless breast overlapping body and reinforced with heavy welded breast hoop, strong bottom and strong outside bottom hoop to protect can, all well retinned and soldered.

Nos	205	208	210
Capacity	5	8	10 gal.
W't each	12	15	17 lbs.
Per dozen	$24.00	27.00	29.00

A splendid general purpose can.

HEAVY IOWA.

Reinforced round sanitary handles, regular cover, heavy one piece seamless bowl and neck double seamed to extra strong, non-buckling breast overlapping body and reinforced with heavy welded breast hoop, strong body and heavy bottom both resting on flange of extra heavy welded outside bottom hoop, best possible tinning, full soldered.

Nos	608	610
Capacity	8	10 gal.
W't each	18	20 lbs.
Per dozen	$30.00	33.00

A first-class hard service can.

PACIFIC R. R. CANS.

No. 103.

No. 102—2 gal., *without* middle hoop, w't each 4½ lbs. ..... per dozen $18.00
No. 103—3 gal., *with* middle hoop, w't each 6½ lbs. ..... per dozen 20.00

FACTORY MILK CANS.

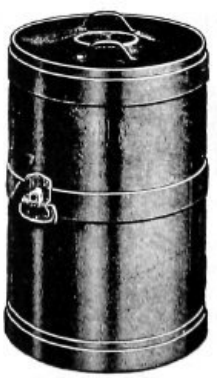
Milwaukee Pattern.
Floating Seamless Cover, Tin Body, Solid Hoops.

Nos	115	120	130
Capacity	15	20	30 gal.
W't each	25	30	35 lbs.
Each	$4.50	5.00	5.75

Wisconsin Pattern.
Stationary Ventilating Cover, Tin Body, Solid Hoops.

Nos	215	220	230
Capacity	15	20	30 gal
W't each	25	30	35 lbs
Each	$4.50	5.00	5.75

FACTORY CAN STOCK.



Iron Clad, Knocked Down.
Heavy Body and Bottom, Three Heavy Flat Hoops, Welded, Heisey Recessed Handles.

Capacity	20	30 gal.
W't per set	33	38 lbs.
Per set	$5.00	6.00

Iron Clad Cans above *set up* complete, extra **$2.00**

DAIRY TINWARE.

MILK KETTLES.

"OUR VERY BEST."

IXXX Polished, Heavy Inset Bottom Hoop, with Heavy Bail and Ears.

Quarts	2	3	4	
W't per doz.	17	21	25	lbs.
Per doz.	$8.00	10.00	12.50	
Quarts	**6**	**8**	**12**	
W't per doz.	30	39	43	lbs.
Per dozen	$15.00	17.50	30.00	

IC Tin, with Bail.

Nos.	11	12	13	14	
Quarts	1	2	3	4	
W't per doz.	5½	8	10	11	lbs.
Per dozen	$2.00	2.75	3.50	4.50	

IX Tin, with Bail.

Nos.	26	28	
Quarts	6	8	
W't per doz.	16	18	lbs.
Per dozen	$7.00	8.50	

NOS. 11 AND 12, ONE DOZEN IN A PACKAGE; BALANCE, ONE DOZEN IN A CASE.

IC Tin, with Side Handle.

Nos.	1	2	3	4	
Quarts	1	2	3	4	
W't per doz.	5½	8	11	12	lbs.
Per dozen	$2.00	2.75	3.50	4.50	

IX Tin, with Side Handle.

Nos.	6	8	10	
Quarts	6	8	10	
W't per doz.	20	22	25	lbs.
Per dozen	$9.00	10.50	12.00	

NOS. 1 AND 2, ONE DOZEN IN A PACKAGE; BALANCE, ONE DOZEN IN A CASE.

MILK KETTLES.

"OUR VERY BEST."

IXXX Polished, Heavy Inset Bottom Hoop, with Side Handle.

Nos.	1SH	2SH	4SH	
Quarts	1	2	4	
W't per doz.	14	17	25	lbs.
Per dozen	$7.00	8.00	12.50	
Nos.		**6SH**	**8SH**	
Quarts		6	8	
W't per doz.		30	39	lbs.
Per dozen		$15.00	17.50	

PEDDLERS' MILK KETTLES.

IXXX Tin, Polished Brass Bail, Spout Tip and Bands.

Quarts	8	10	
W't per doz.	57	60	lbs.
Per dozen	$40.00	45.00	

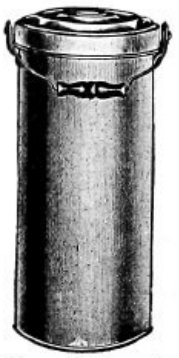
WELL MILK COOLERS.

IC Tin, 4 in. Screw Top.

Nos.	4	6	8	
Quarts	4	6	8	
W't per doz.	14	16	22	lbs.
Per dozen	$4.50	5.00	5.50	

ONE DOZEN IN A CRATE.

SETTER CANS.



IX Tin, with Deep Cover.

Quarts	14	20
W't per doz.	42	54 lbs.
Per dozen	$6.50	8.00

HALF DOZEN IN A CRATE.

"OUR VERY BEST."

XXX Heavy Coated Tin, and Deep Cover.

Quarts	14	20
W't per doz.	45	57 lbs.
Per dozen	$10.00	12.00

EACH PAPER WRAPPED. HALF DOZEN IN A CRATE.

Anti-Rust, IXX Charcoal Tin.

Nos.	214	220
Quarts	14	20
W't per doz.	46	60 lbs.
Per dozen	$11.00	12.00

HALF DOZEN IN A CRATE.

WASH BOILERS, ETC.

All in this column Chicago standard sizes, cast drop handles, dimensions on all numbers below are as follows:

No. 7—9¼×18½ in., No. 8—10¼×20½ in., and No. 9—11½×22¼ in.

All Galvanized, Flat Bottom, Tin Cover, with Drop Handles.

Nos.	017	018	019
W't doz., crated	100	115	120 lbs.
Per dozen	$8.00	9.00	10.00

No. 0189—½ dozen each of Nos. 018 and 019, w't per crate 90 lbs. per crate $9.50

All Galvanized, Flat Bottom, Tin Cover, Rigid Handle.

Nos.	118	119
W't doz., crated	125	150 lbs.
Per dozen	$11.00	12.00

IC Tin, Flat Tin Bottom.

Nos.	1058	1059
W't doz., crated	85	100 lbs.
Per dozen	$7.00	8.00

IC Tin, Flat Copper Bottom.

Nos.	057	058	059
W't doz., crated	90	100	110 lbs.
Per dozen	$9.00	10.00	11.50

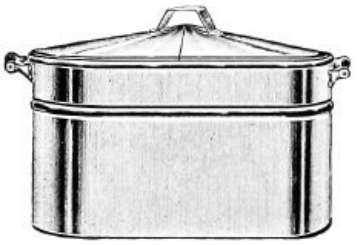
IX Tin, Flat Copper Bottom.

Nos.	078	079
W't doz., crated	110	120 lbs.
Per dozen	$12.00	14.00

IX Tin, COPPER RIM, Flat Copper Bottom.

Nos.	098	099
W't doz., crated	110	120 lbs.
Per dozen	$15.00	16.50

ALL ABOVE ONE-QUARTER DOZEN IN CRATE



XX Tin, Flat Copper Bottom.

Nos.	208	209	2010
Size	10¼×20½	11½×22¼	12×23 in.
W't doz., cr'td	125	140	155 lbs.
Per dozen	$15.00	16.50	20.00

XX Tin, Flat Copper Bottom.

Nos.	198	199	1910
Size	10¼×20½	11½×22¼	12×23 in.
W't doz. cr'td	125	140	155 lbs.
Per dozen	$18.00	19.50	20.00

"OUR VERY BEST."

IXXX Heavy Coated Tin, Full 16 oz. Flat Copper Bottom, High Cover. Rigid Wood Grip Handles.

Nos.	288	289
Size	11½×21	12×22½ in.
W't doz., crated	140	150 lbs.
Per dozen	$26.00	29.00

No.	2810
Size	12½×24 in.
W't doz., crated	170 lbs.
Per dozen	$31.00

ONE-QUARTER DOZEN IN A CRATE.

STEEL BOILER RACKS.

No. 30—7 ft. high, 27 in. wide and 22 in. deep, made of 1×⅛ in. angle bar corner posts with steel side braces and shelf bars bolted together, wire shelves, mounted on casters, aluminum finish, holds 10 boilers, w't 70 lbs. each $10.00

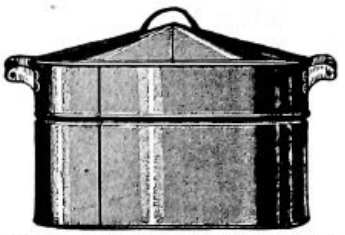
KNOCKED DOWN CRATED.

CRUSO HAND CLOTHES WASHERS.

Cruso, heavy 7 in. bright tin funnel, wood handle, 30 in. over all, w't per doz. 20 lbs. ..... per dozen $8.00

Wood display rack free with first dozen. Valves in funnel hold air tight and force the air and suds through the clothes when washer is jammed down. Operates easily and saves work on wash board. When wanted specify display rack.

ONE DOZEN IN A CRATE.



Polished 12 oz. Copper, Flat Bottom Tin Cover, Rigid Wood Grip End Handles.

Nos.	108	109
Size	11×21	12×23 in.
W't doz., crated	120	140 lbs.
Per dozen	$38.00	41.00

ONE-QUARTER DOZEN IN A CRATE.

Rev-o-noc, Large 14 oz. Polished Copper, Flat Bottom, High Heavy Tin Cover, Wood Grip Rigid End Handles.

Nos.	068	069
Size	11¼×21½	12×23 in.
W't doz., crated	200	225 lbs.
Per dozen	$42.00	45.00

ONE-QUARTER DOZEN IN A CRATE.

"OUR VERY BEST."

Polished Full 16 oz. Copper, Improved Flat Bottom, High Heavy Tin Cover, Heavy Riveted Handles with Wood Grips.

Nos.	268	269
Size	11¼×21½	12×23 in.
W't doz., crated	225	250 lbs.
Per dozen	$50.00	53.00

No. 279 GVB—Size 12×23 in., full 16 oz. copper, 20 oz. improved flat bottom, high heavy tin cover, heavy riveted handles with wood grips, w't doz., crated 260 lbs. ..... per dozen $67.50

ONE-QUARTER DOZEN IN A CRATE.

"OUR VERY BEST."

No. 999 GVB—23×12¼×13¼ in., net weight 13 lbs., solid 20 oz. polished copper, tinned inside, *with 14 oz. copper cover,* brass clips and shanks, drop hook handles, with imitation mahogany grips brass cover handle, w't doz. crated 325 lbs. ..... per dozen $90.00

ONE IN A CRATE.

PIECED TINWARE.

TEA KETTLES.

IC Tin, Flat Tin Bottom.

Nos	017	018	019
Size	7	8	9
W't per doz	12	16	20 lbs.
Per dozen	$4.50	5.00	5.50

HALF DOZEN IN A CRATE.

IX Tin, Flat Copper Bottom.

Nos	478	479
Size	8	9
W't per doz	18	21 lbs.
Per dozen	$8.50	9.50

HALF DOZEN IN A CRATE.

IX Tin, Extra Polished, Flat Copper Bottom.

Nos	048	049
Size	8	9
W't per doz	24	30 lbs.
Per dozen	$11.50	13.00

HALF DOZEN IN A CRATE.

Stamped, Oil Stove, Plain.

No. 80—7½ in., flat tin bottom, capacity 1½ qts., w t per doz. 9 lbs... per dozen $3.00

STEAMERS.

IC Tin, High Rimmed Cover.

Nos	80	90
Size	5¼×9¾	5¾×11 in.
W't per doz	16	18 lbs.
Per dozen	$4.50	5.00

HALF DOZEN IN A CRATE.

"OUR VERY BEST."
Polished XXX.

Nos	88	99
Size	6¼×10¾	6¼×12 in.
W't per doz	36	39 lbs.
Per dozen	$13.00	15.00

Heavy and well made, very attractive utensils.

[STEAM COOKERS.

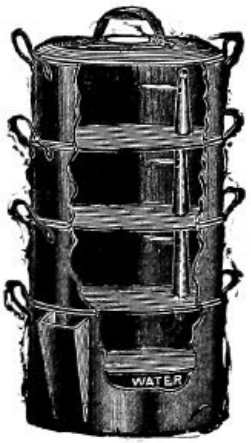
No. 11—3½×10 in. plain tin water pans, 2 qt. retinned food pan, per dozen..... $ 7.50

No. 800—3½×10 in. retinned water pan, 2 qt. enameled food pan, per dozen..... 15.00

For vegetables ordinarily boiled, viz: potatoes, peas, beans, corn, etc., also cereals, this cooker gets most appetizing results.

The food pan is suspended, the steam from water pan comes up through holes in supporting ring, steam cooking the food.

STEAM COOKERS.

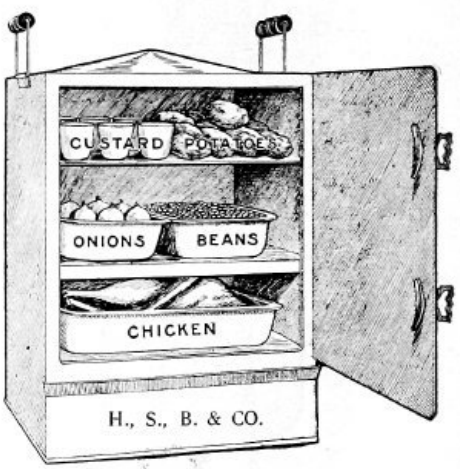


IX Tin, Copper Bottom.

Nos	0	1	3
Diameter	7⅝	9	10¼ in.
Capacity of boiler	2	3	5 qts.
Number of vessels	4	4	4
W't per doz.	42	57	66 lbs.
Per dozen	$25.80	27.50	30.00

The cooker has four vessels consisting of a water vessel with a copper bottom, a perforated removable bottom steamer and two solid bottom steamers with steam pipe connections.

ONE IN A CRATE.



No. 7—16×12 in., heavy, bright tin, flat copper bottom, w't per doz. 150 lbs., per dozen..... $60.00

The H. S. B. Cooker is intended to supply the demand for a square cooker at a reasonable price. It is stripped of all fake features and has no loose parts except two shelves, one wire shelf and one cooking pan. Directions in each cooker.

ONE IN A CRATE.

PIECED TINWARE.

TEA STEEPERS.

No. 2½—1 pt., w't per doz. 2 lbs., per dozen. $1.00

No. 3 —1 qt., w't per doz. 3½ lbs., per dozen. 1.50

TEA POTS.

Nos.	241	242	243	
Quarts (listed capacity)	1	2	3	
W't per doz.	5	6	9	lbs.
Per dozen.	$1.75	2.25	2.75	

ONE DOZEN IN A CRATE.

Octagon, Tin Bowl Bottom, Hollow Handle.

Nos.	200	300	400	
Qts. (listed capacity)	1	1½	2	
W't per doz.	4½	6	7	lbs.
Per dozen.	$2.75	3.00	3.25	

NICKEL PLATED TIN, Enameled Wood Handle.

Nos.	502	503	504	
Pts. (listed capacity)	2	3	4	
W't per doz.	16	18	20	lbs.
Per dozen.	$7.25	8.00	8.75	

ONE IN A BOX.

COFFEE POTS.

IC Tin, Flat Tin Bottom.

Nos.	11	12	13	14	16	
Qts. (listed capacity)	1	2	3	4	6	
W't per doz.	5	6	9	10	12	lbs.
Per dozen.	$1.60	2.20	2.60	3.00	4.20	

ONE DOZEN IN A CRATE.

IX Tin, Flat Copper Bottom.

Nos.	32	33	34	36	
Qts. (listed cap'y)	2	3	4	6	
W't per doz.	7	11	13	15	lbs.
Per dozen.	$5.00	6.00	7.00	9.00	

IX Tin, Copper Rim, Flat Bottom.

Nos.	53	54	55	
Qts. (listed capacity)	3	4	5	
W't per doz.	11	12	14	lbs.
Per dozen.	$7.50	8.00	8.50	

NICKEL PLATED TIN, Enameled Wood Handle.

Nos.	603	604	606	
Pts. (listed capacity)	3	4	6	
W't per doz.	18	20	24	lbs.
Per dozen.	$8.00	8.75	10.25	

ONE IN A BOX.

COFFEE BOILERS.

IX Tin, Solid Lip.

Nos.	42	43	44	46	
Qts. (listed cap'y)	2	3	4	6	
W't per doz.	9	11	13	18	lbs.
Per dozen.	$5.00	6.00	7.00	9.00	

IX Tin, Flat Copper Bottom.

Nos.	087	088	089	
Size.	7	8	9	
W't per doz.	16	18	21	lbs.
Per dozen.	$8.25	9.50	10.25	

Camp Boilers, IXX Tin, Flat Copper Bottom.

Gallons	3	4	5	6	
Dia., bottom.	11	11½	13	13½	in.
W't per doz.	30	36	42	54	lbs.
Per dozen	$20.00	22.50	25.00	31.00	

PIECED TINWARE.

FLARING PAILS.

IC Tin, Wood Grip.

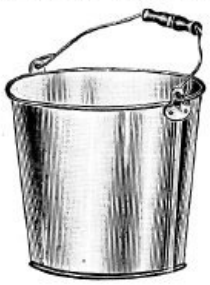
Quarts.....	6	8	10	12	14	
W't per doz.	10	12	14	16	18	lbs.
Per dozen..	$1.25	1.50	1.75	2.00	2.40	

SAP PAILS.

10 Quart, IC Flaring, w't per doz. 12 lbs., per dozen..... $1.20

Sap pails are without bail and have hole for sap spout, otherwise same as flaring pails.

DAIRY PAILS.



Competition IX, Wrought Ears.

Quarts.....	010	012	014	
W't per doz....	25	28	30	lbs.
Per dozen.....	$2.25	2.50	2.75	

ONE DOZEN IN A CRATE.

SPECIAL, Heavy IX Tin, Steel Ears.

Quarts.....	10	12	14	
W't per doz....	28	30	33	lbs.
Per dozen.....	$2.50	3.00	3.50	

ONE DOZEN IN A CRATE.

IXXX Charcoal Tin, Anti Rust Bottom, Heavy Ears, Bail and Wood Grip.

Nos.	210	212	214	
Quarts.....	10	12	14	
W't per doz....	35	38	41	lbs.
Per dozen	$9.50	10.00	11.00	

NE DOZEN IN A CRATE.

DAIRY PAILS.

Jersey, XXX Tin, Iron Clad Pattern, Heavy Bail.

Quarts.....	10	12	14	
W't per doz....	46	50	54	lbs.
Per dozen.....	$4.50	5.00	5.25	

ONE DOZEN IN A CRATE.

Specify wood grip when wanted, otherwise sent without.

"O. V. B." XXXX Extra Coated, Sanitary Double Soldered, Extra Heavy Steel Ears Reinforced, Heavy Tinned Bail; Without Wood Grip.

Nos.	310	312	314	316	
Quarts.....	10	12	14	16	
W't per doz.	40	45	50	55	lbs.
Per dozen...	$8.00	9.00	10.00	12.00	

WRAPPED IN PAPER ONE DOZEN IN A CRATE.

STRAINER PAILS.

IX Tin, Dairy Shape.

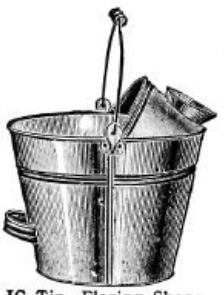
Nos.	0612	0614
Quarts.....	12	14
W't per doz.....	38	44 lbs.
Per dozen.....	$7.50	8.00

XX Tin, Dairy Shape.

Nos.	612	614
Quarts.....	12	14
W't per doz.....	45	50 lbs.
Per dozen.....	$8.50	9.00

HALF DOZEN IN A CRATE.

STRAINER PAILS.



IC Tin, Flaring Shape.

Nos.	410	412
Quarts.....	10	12
W't per doz.	27	30 lbs.
Per dozen.....	$5.75	6.25

HALF DOZEN IN A CRATE.

"O. V. B." XXXX Extra Coated, Sanitary Double Soldered, Extra Heavy Steel Ears Reinforced, Heavy Tinned Bail Without Wood Grip.

Nos.	812	814
Quarts.....	12	14
W't per doz.....	70	75 lbs.
Per dozen.....	$11.00	12.00

HALF DOZEN IH A CRATE.

IXX Tin, Removable Strainer.

Nos.	510	512	514	
Quarts.....	10	12	14	
W't per doz.....	35	40	45	lbs.
Per dozen.....	$9.00	9.50	10.00	

ONE DOZEN IN A CRATE.

IX Tin, Favorite.

Nos.	712	714
Quarts.....	12	14
W't per doz.....	28	30 lbs.
Per dozen.....	$10.50	11.50

PIECED TINWARE.

DINNER PAILS.

"OUR VERY BEST."

Two Compartments and Pie Tray, Cover Outside Rim, Fits Pail Alone or Inner Case. Wood Grip on Bail.

Quarts	4½	5½	6½
W't per doz	50	53	55 lbs.
Per dozen	$12.50	13.50	15.00

ONE DOZEN IN A CRATE.

Nos. 61 to 66.

Nos. 13, 14 and 15.

Two Compartments, Cover Rim Inside.

No. 61—1 qt. listed capacity, w't per doz. 13 lbs. ..... per dozen $4.00
No. 62—2 qt. listed capacity w't per doz. 15 lbs. ..... per dozen 4.00
No. 63—3 qt. listed capacity, no bail wood, w't per doz. 20 lbs. .. per dozen 4.25
No. 64—4 qt. listed capac'ty, w't per doz. 24 lbs. ..... per dozen 4.50
No. 65—5 qt. listed capacity, w't per doz. 28 lbs. ..... per dozen 5.00
No. 66—6 qt. listed capacity, w't per doz. 30 lbs. ..... per dozen 6.00

Two Compartments, Cover Rim Inside, with Cup.

No. 13—3 qt. listed capacity, w't per doz. 21 lbs. ..... per dozen $4.25
No. 14—4 qt. listed capacity, w't per doz. 25 lbs. ..... per dozen 5.00
No. 15—5 qt. listed capacity, w't per doz. 29 lbs. ..... per dozen 6.00

ONE DOZEN IN A CRATE.

No. 54.

No. 154.

ACME.

No. 54—4 qt., two compartments and pie tray, cover rim outside, with cup, w't per doz. 25 lbs. ..... per dozen $6.50

CRUSO.

No. 154—1 X tin 4qt., two compartments and pie tray, cover rim outside, w't per doz. 28 lbs. ..... per dozen $8.00

ONE DOZEN IN A CRATE.

DINNER PAILS.

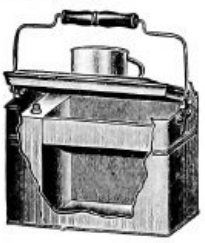
"OUR VERY BEST."

Extra Heavy Tin, Heavy Steel Ears and Bail, Deep Inset and Pie Tray, 9½ Inches Long, 6 Inches Wide

With cup, Quarts	4	5	6
Depth	5½	6	6½ in.
Wt per doz.	50	53	55 lbs.
Per dozen	$13.50	15.00	17.00
No cup, Quarts	4	5	6
Depth	5½	6	6½ in.
W't per doz.	48	50	55 lbs.
Per dozen	$13.00	14.00	16.00

ONE DOZEN IN A CRATE.

Nos. 150 to 350.



Nos. 600 and 650.

Pie Tray, Slip Cup, Flask in Cover, Patent Cover Fastening.

No. 150—2 qt., size 8×5 in., w't per doz. 19 lbs. ..... per dozen $4.50
No. 200—3 qt., size 8¼×5½ in., w't per doz. 22 lbs. ..... per dozen 5.00
No. 250—4 qt., size 8¾×6 in., w't per doz. 25 lbs. ..... per dozen 5.50
No. 350—5 qt., size 9¼×6½ in., w't per doz. 27 lbs. ..... per dozen 6.00

ONE DOZEN IN A CRATE.

One Tray, Coffee Flask, with Cup.

No. 600—3 qt., size 8¼×5¼ in., w't per doz. 26 lbs. ..... per dozen $7.00
No. 650—4 qt., size 8½×6⅛ in., w't per doz. 30 lbs. ..... per dozen 7.50

ONE DOZEN IN A CRATE.

Nos. 300 to 450.

Nos. 301 to 451.

Two Compartments with Cup, without Coffee Flask.

Nos	300	330	400	450
Quarts	2	3	4	5
Size	8×5	8¼×5½	8¾×6	9¼×6½ in.
W't per doz.	19	25	27	28 lbs.
Per dozen	$4.50	5.25	6.00	6.75

Two Compartments, without Cup or Flask.

Nos	301	331	401	451
Quarts	2	3	4	5
Size	8×5	8¼×5½	8¾×6	9¼×6½ in.
W't per doz.	20	23	26	27 lbs.
Per dozen	$4.25	5.00	5.75	6.50

ONE DOZEN IN A CRATE.

AURORA DINNER PAILS.

Nos. 274 to 276.

Nos. 74 to 76.

IC Tin, Deep Inset and Pie Tray, without Cup

No. 274—4 qt. listed capacity, size 9×5¾×6 in., w't per doz. 32 lbs. per dozen ..... $ 8.00
No. 275—5 qt. listed capacity, size 9×5¾×7 in., w't per doz. 35 lbs. per dozen 10.00
No. 276—6 qt. listed capacity, size 9½×6¼×7 in., w't per doz. 37 lbs. per dozen 12.00

ONE DOZEN IN A CRATE.

IX Tin, Heavy Ears, Dust Proof, Deep Inset and Pie Tray, With Cup.

No. 74 —4 qt., size 9×5½×6 in., with cup, w't per doz. 34 lbs. ..... per dozen $10.00
No. 75 —5 qt., size 9×5½×7 in., with cup, w't per doz. 36 lbs. ..... per dozen 12.00
No. 76 —6 qt., size 9×5½×7½ in., with cup, w't per doz. 38 lbs. ..... per dozen 14.00

ONE DOZEN IN A CRATE.

COVERED BUCKETS.

IC Tin.

Quarts	1	2	3	4
Pattern	high	low	low	high
W't per doz	6	11	12	16
Per dozen	$1.10	1.50	1.90	2.75
Quarts	6	8	10	
Pattern	low	high	high	
W't per doz	18	20	25	
Per dozen	$3.00	4.50	5.50	

ONE DOZEN IN A CRATE.

No. 234—2 dozen, each 2, 3 and 4 qt., low, nested, w't per nest 60 lbs., per nest $9.00

COFFEE FLASKS.

IC Tin. No. 5. No. 6.

IC Tin, Screw Cap.

Pints	1	1½	2
W't per doz	2½	3	3¼ lbs.
Per dozen	$1.25	1.35	1.45

No. 5—1 pt., glass, metal screw cap, w't per doz. 8½ lbs. ..... per dozen $1.50
No. 6—1 pt., glass, removable tin jacket, metal screw cap, w't per doz. 9½ lbs., per dozen 2.00

TINWARE.

MILK STRAINERS.

Nos. 7 to 12.

Nos. 08 to 012.

Brass Cloth Center.

No. 7— 8 in., IC pieced tin, w't per doz. 4 lbs.....per dozen $1.75
No. 10—10 in., IC pieced tin, w't per doz. 6 lbs.....per dozen 2.00
No. 11—11 in., IC pieced tin, w't per doz. 8 lbs.....per dozen 2.50
No. 12—12 in., IC pieced tin, w't per doz. 9 lbs.....per dozen 3.00

Brass Cloth Bottom.

No. 08—8 in., IC pieced tin, w't per doz. 4½ lbs.....per dozen $2.50
No. 010—10 in., IC pieced tin, w't per doz. 6 lbs.....per dozen 3.00
No. 012—12 in., IC pieced tin, w't per doz. 9 lbs.....per dozen 4.00

HALF DOZEN IN A PACKAGE.

No. 19.

Nos. 21 and 22.

Steel Cloth Center.

No. 19—8 in., IC stamped tin, w't per doz. 3½ lbs.....per dozen $2.00

Brass Cloth Center.

No. 21—10 in., stamped, retinned, w't per doz. 5 lbs.....per dozen $2.70
No. 22—10½ in., stamped, retinned, w't per doz. 6 lbs.....per dozen 2.90

HALF DOZEN IN A PACKAGE.

No. 33—10¼ in., stamped, retinned, brass cloth strainer, with hoop, w't per doz. 6½ lbs.....per dozen $3.50

HALF DOZEN IN A PACKAGE.

MILK CAN STRAINERS.

No. 8—IC stamped tin, retinned, 10½ in. top, wire strainer, w't per doz. 11 lbs., per dozen.....$6.00

ONE DOZEN IN A CRATE.

No. 40.

No. 77.

No. 40—8½ in., IC pieced tin, brass wire cloth strainer, w't per doz. 7 lbs., per dozen.....$4.00
No. 77—JERSEY, IXX pieced tin, 11½ in., brass wire cloth strainer and spring wire hoop to hold cloth strainer, w't per doz. 22 lbs.....per dozen 12.00

NO. 40 TWO DOZEN; NO. 77 ONE DOZEN IN A CRATE.

PIECED CUPS.

No. 40—½ pt., IC tin.....per dozen $0.40
No. 60—1 pt., IC tin..... " .50
1 pt. "O. V. B.," XX tin, w't per doz. 2¾ lbs.....per dozen 2.50
No. 70—1 qt., w't per doz. 3½ lbs.. " 1.00
No. 80—2 qt., w't per doz. 4½ lbs.. " 1.35

WATER DIPPERS.

Pieced Tin.

No. 10—1 qt., IC tin, w't per doz. 3 lbs., per dozen.....$1.30
No. 20—2 qt., IC tin, w't per doz. 4½ lbs.....per dozen 1.50
No. 30—2 qt., IX tin, w't per doz. 5 lbs., per dozen..... 2.00
No. 40—2 qt., IX tin, copper bottom, w't per doz. 5½ lbs.....per dozen 2.75

Galvanized, Stamped.

No. 211—1 qt., galvanized, w't per doz. 4 lbs.....per dozen $2.00
No. 212—2 qt., galvanized, w't per doz. 5½ lbs.....per dozen 2.25
No. 213—3 qt., galvanized, w't per doz. 6 lbs.....per dozen 3.00

Pieced Tin.

1 qt. "O. V. B.," XXX polished, w't per doz. 7 lbs.....per dozen $3.00
2 qt. "O. V. B.," XXX polished, w't per doz. 10 lbs.....per dozen 3.75

SUDS DIPPERS.

Pieced Tin.

No. 50—2 qt., IC, 5 in. handle, w't per doz. 4½ lbs.....per dozen $1.50
No. 54—4 qt., IX, w't per doz. 9½ lbs., per dozen..... 3.50

4 qt. "O. V. B.," XXX polished, pieced tin, w't per doz. 12 lbs.....per dozen $4.50

MILK AND CREAM DIPPERS.

Nos. 61 and 62.

Nos. 71 and 72.

No. 3.

No. 61—1 pt., IC tin, milk w't per doz. 6 lbs.....per dozen $2.40
No. 62—2 pt., IC tin, milk, w't per doz. 8½ lbs.....per dozen 2.75
No. 71—1 pt., IC tin, lipped, hook handle, w't per doz. 7 lbs.....per dozen 3.00
No. 72—2 pt., IC tin, lipped, hook handle, w't per doz. 9 lbs.....per dozen 3.25
No. 3—Cream, IX tin, cone shape, 4×5⅞ in., w't per doz. 3 lbs.....per dozen 1.50

MEASURES.

Pieced and Copper.

IC Pieced.

Nos	1	2	3	4	5
Pints	½	1	2	4	8
W't per doz.	1½	2½	4	6½	9 lbs.
Per dozen	$0.75	1.10	1.60	2.30	3.25

"O. V. B.," XXX Polished.

Quarts	1	2	4
W't per doz.	8	12	16 lbs.
Per dozen	$3.70	5.35	8.00

Copper, Tinned Inside, Lipped.

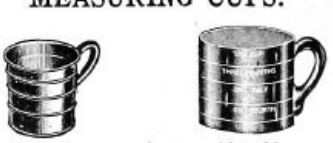
Quarts	1	2	4
W't per doz.	6	9	15 lbs.
Per dozen	$7.50	12.00	15.00

GRADUATED MEASURES.

Nos. 9 and 10.

No. 9—1 qt., IC pieced tin...per dozen $1.10
No. 10—2 qt., IC pieced tin... " 2.00
1 qt. "O. V. B.," XXX polished tin, per dozen..... 3.30

MEASURING CUPS.

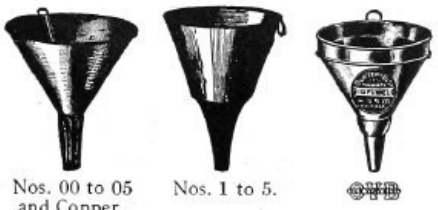

No. 65.

No. 63.

No. 65—Graduated, tin, capacity 1 cup, marked in thirds and quarters on opposite sides.....per dozen $0.60
No. 63—Graduated, glass, capacity 1 cup, marked in quarters, for cooking, w't per doz. 6 lbs.....per dozen 1.25

TINWARE.

FUNNELS.



Nos. 00 to 05 and Copper. Nos. 1 to 5.

IC Tin, Pieced.

Nos	00	01	02	03	04	05
Pints	¼	½	1	2	4	8
Diam	2½	3½	4¼	5¼	6½	7½ in.
Per dozen	$0.40	.55	.65	1.00	1.30	1.70

IC Tin, Stamped.

Nos	1	2	3	4	5
Pints	½	1	2	4	8
Per dozen	$0.65	.75	1.10	1.50	2.00

"O. V. B.," XXX Polished.

Quarts	½	1	2	4
Per dozen	$2.40	3.20	5.50	6.80

Copper, Tinned Inside.

Quarts	1	2	4
Per dozen	$5.00	6.00	7.50

STRAINER FUNNELS.

With Strainer Removed. With Strainer in Position for Use.

No. 63—Diameter 4⅜ in., with hinged wire strainer.....per dozen $3.00

FRUIT JAR FILLERS.

No. 15—4½ in., tin, seamless body, per dozen..... $0.80

REFRIGERATOR PANS.

Round.

12 in., galvanized iron, w't per doz. 25 lbs.....per dozen $4.50
14 in., galvanized iron, w't per doz. 30 lbs.....per dozen 5.25
16 in., galvanized iron, w't per doz. 37 lbs.....per dozen 6.50

BISCUIT PANS.

No. 10—11¾×7¾×1⅜ in., IC tin, wired, w't per doz. 4¾ lbs..per dozen $1.10
No. 20—10×6×2 in., IC tin, wired, w't per doz. 4¾ lbs.....per dozen 1.10

BREAD PANS.

"O. V B." IXXX Heavy Tin, Round Corners, Folded Ends.

Nos	31 SMALL	32 MEDIUM
Size	8¾×4¾×2¾	9¾×4¾×2¾ in.
W't per doz.	7½	8¼ lbs.
Per dozen	$2.00	2.20

No.	33 LARGE
Size	9½×5½×2¾ in.
W't per doz.	8½ lbs.
Per dozen	$2.40

Nos	34 FLAT	35 SANDWICH
Size	11¼×7¼×2¾	17¼×4¼×3¼ in.
W't per doz.	12	15 lbs.
Per dozen	$3.20	3.60

These are fine pans, heavy bakers' quality.

IC Tin.

Nos	1	2
Size	9¾×4½×3	10½×5¼×3 in.
W't per doz.	4½	5 lbs.
Per dozen	$1.35	1.60

No.	3
Size	11½×6×3 in.
W't per doz.	6 lbs.
Per dozen	$1.80

Refined Smooth Steel.

Nos	11	12
Size	9¾×4¾×3	10¾×5¼×3 in.
W't per doz.	5½	8 lbs.
Per dozen	$1.50	1.60

No.	13
Size	11¾×6×3 in.
W't per doz.	13 lbs.
Per dozen	$1.70

HANDLED BREAD PANS.

IC Tin.

Nos	21	23
Size	12×8×2⅜	14×9×2⅜ in.
W't per doz.	9	11½ lbs.
Per dozen	$2.25	2.75

Nos	25	27
Size	15×10×2⅜	17×12×2½ in.
W't per doz.	14	17½ lbs.
Per dozen	$3.25	4.25

SPONGE CAKE PANS.

No. 30—13×4½×2½ in., IC tin, wired, w't per doz. 5 lbs.....per dozen $1.60

ANGEL CAKE PANS.

No. 221. No. 223.

No. 221—8×3 in., removable bottom, w't per doz. 6½ lbs.....per dozen $5.50
No. 223—Tubed, with 3 fast feet to reverse for cooling, 9¾×4 in., w't per doz. 11 lbs.....per dozen 5.00

SQUARE JELLY CAKE TINS.

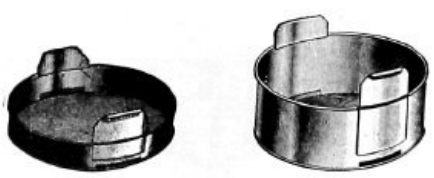
Nos. 1, 2 and 3. Nos. 11, 12 and 13.

Nos	1	2
Size	8×8×1	9×9×1 in.
W't per doz.	3½	4¼ lbs.
Per dozen	$1.10	1.20

Nos	3	11
Size	10×10×1	8×8×2 in.
W't per doz.	5	4 lbs.
Per dozen	$1.35	1.60

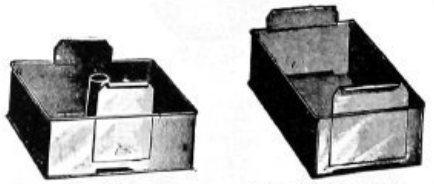
Nos	12	13
Size	9×9×2	10×10×2 in.
W't per doz.	5½	6¼ lbs.
Per dozen	$1.90	2.15

VAN DEUSEN CAKE MOULDS.



No. 360. No. 363.

No. 360—Round layer, without tube, 8½×1½ in., w't per doz. 6½ lbs., per dozen $2.40
No. 363—Round loaf, medium, without tube, 8½×3½ in., w't per doz. 10 lbs.....per dozen 3.00
No. 366—Round loaf, medium, with tube 8½×3½ in., w't per doz. 10 lbs., per dozen..... 3.00
No. 368—Round loaf, large, with tube, 10½×4 in., w't per doz. 15 lbs., per dozen..... 4.20



No. 376. Nos. 380 and 385.

No. 370—Square layer, without tube, 7½×7½×1½ in., w't per doz. 7 lbs., per dozen..... $2.40
No. 373—Square loaf, regular, without tube, 7½×7½×3½ in., w't per doz. 10 lbs.....per dozen 3.00
No. 376—Square loaf, regular, with tube, 7½×7½×3½ in., w't per doz. 11 lbs., per dozen..... 3.00
No. 380—Oblong loaf, small, without tube, 7½×4½×3½ in., w't per doz. 8 lbs.....per dozen 2.40
No. 385—Oblong loaf, regular, without tube, 9¼×5¼×3½ in., w't per doz. 10 lbs.....per dozen 3.00

BISCUIT AND CAKE CUTTERS AND GRATERS.

BISCUIT CUTTERS.

Nos. 47 to 55.

Nos. 60 and 65.

Common, Pieced Tin.

No. 47—2 in.....per dozen $0.40
No. 49—2½ in..... " .45
No. 50—3 in..... " .50
No. 55—3½ in..... " .60

French Scalloped.

No. 60—3 in.....per dozen $0.70
No. 65—4 in..... " .90

ONE DOZEN IN A PACKAGE.

DOUGHNUT CUTTERS AND MUFFIN RINGS.

No. 80.

Nos. 70 and 75.

No. 90.

Doughnut or Cruller Cutters.

No. 80—Common, pieced, 3 in..per dozen $0.60
No. 70—French, scalloped, 3 in.. " .80
No. 75—French, scalloped, 4 in.. " 1.00

Muffin Rings.

No. 90—Plain, 3 in.....per dozen $0.35

ONE DOZEN IN A PACKAGE.

ROTARY BISCUIT AND DOUGHNUT CUTTERS.

Nos. 101 and 103.

No. 108.

No. 101—Biscuit, 2¾ in.....per dozen $1.00
No. 103—Biscuit, 3¼ in..... " 1.00
No. 108—Doughnut, 3 in..... " 1.50

ONE DOZEN IN A BOX.

SANDWICH CUTTERS.

No. 40—Assorted designs, heart, club, diamond and spade.....per dozen $1.25

ONE DOZEN IN A BOX.

CAKE CUTTERS.

No. 1.

No. 2.

Nos. 20 and 30.

No. 1—Plain center, assorted..per dozen $0.55
No. 2—Fancy center, assorted.. " .65
No. 20—Medium, assorted animals, per dozen..... .65
No. 30—Large, assorted animals, per dozen..... .80

ONE DOZEN IN A BOX.

CAKE CUTTERS.

No. 61.

No. 63.

In Sets.

No. 61—Heart, set of 10 sizes, 1¼ to 4 in.....per dozen sets $3.75
No. 63—Star, set of 10 sizes, 1¼ to 4 in.....per dozen sets 3.75

ONE SET IN A BOX.

SHEET GRATERS.

No. 1— ¼ sheet, w't per doz. 1¾ lbs., per dozen..... $0.65
No. 2— ½ sheet, w't per doz. 3 lbs., per dozen..... .85
No. 3— 1 sheet, w't per doz. 5 lbs., per dozen..... 1.65

NOS. 1 AND 2 ONE DOZEN; NO. 3 HALF DOZEN IN A PACKAGE.

No. 22—½ sheet, heavy tinned wire handle and sides, small nutmeg grater on back, w't per doz. 6½ lbs...per dozen $5.00

"O. V. B." SHEET GRATERS.

No. 32—"O. V. B." ½ sheet, IXXX extra heavy, tin handle, w't per doz. 8 lbs., per dozen..... $4.40

CYLINDER AND SQUARE GRATERS.

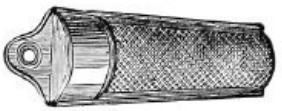
No. 35.

No. 44.

No. 35—Cylinder, length 6¾ in., circumference 9¼ in., 3 grating surfaces, fine, medium and coarse, w't per doz. 3¾ lbs.....per dozen $1.50
No. 44—Square, length 7½ in., IX combination grater, slicer and cutter, grates coarse or fine, slices potatoes, cuts slaw, three articles in one, w't per doz. 5½ lbs.....per dozen 2.00

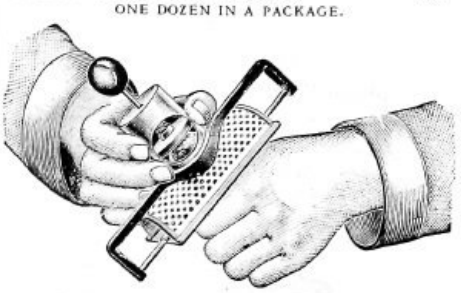
ONE DOZEN IN A PACKAGE.

NUTMEG GRATERS.



No. 13—Common box, 4¼ in...per dozen $0.40
No. 12—IXXX tin, 6 in..... " .90

ONE DOZEN IN A PACKAGE.



No. 5—EDGAR, 3¼ in. grater..per dozen $2.00

ONE DOZEN IN A BOX.

No. 20—Rotary, 2½ in., perforated tin plate, enameled wood handles, per dozen $1.75
An easel-back card is sent with each dozen.

ONE DOZEN IN A BOX.

ALMOND GRATERS.

Self-Feeding Hopper.

No. 60—3×3¼ in. removable perforated tin cylinder, iron frame, with screw clamp, w't per doz. 36 lbs....per dozen $18.00

This machine is well adapted for grating chocolate, horseradish, potatoes, fruit, onions, carrots, celery and bread.

ONE IN A BOX.

CHOCOLATE GRATERS.

No. 10—EDGAR'S, circular, with self-feeding box, length 7¼ in., w't per doz. 6 lbs.....per dozen $4.25

ONE DOZEN IN A BOX.

LARD AND SYRUP CANS AND CANNING SUNDRIES.

LARD PAILS.

Bright IC Tin, with Bail, Nestable.

Pounds	3	5	10	20
W't per doz	5	8	11	21 lbs.
Per dozen	$1.25	1.75	2.65	4.00

With Side Handles.

50 lbs., w't per doz. 33 lbs. ..... per dozen $7.50

LARD CANS.

Bright IC Tin, Wire Drop Handles, Cover with Inside Rim.

Gallons	6	8	10	
Lard capacity	50	66	83	lbs.
W't per doz	60	75	85	lbs.
Per dozen	$6.50	8.00	10.00	

HALF DOZEN IN A CRATE.

No. 608—Half dozen each 6 and 8 gal., nested in crate, w't 50 lbs. . per crate $ 7.00
No. 810—Half dozen each 8 and 10 gal., nested in crate, w't 58 lbs. . . per crate 8.00
No. 6810—Half dozen each 6, 8 and 10 gal., nested in crate, w't 70 lbs., per crate 12.00

SYRUP CANS.

Round, 1 gal., IC bright tin, screw cap, w't per crate 100 lbs. ..... per 100 $18.00
Square, 1 gal., IC bright tin, screw cap, w't per crate 125 lbs. ..... per 100 20.00

ONE HUNDRED CANS IN A CRATE.

SYRUP PAILS.

10 lbs. (1 gal.), IC plain tin, bailed, 6½×7¼ in., friction top, w't per crate 125 lbs. ..... per 100 $18.00

ONE HUNDRED CANS IN A CRATE.

FRUIT JAR RINGS.

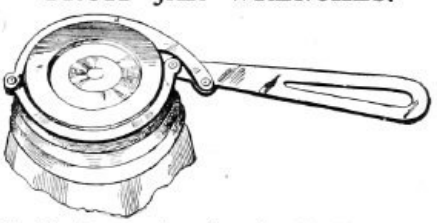
No. 1.

No. 2.

No. 1—"Cruso," gray rubber. . . per gross $0.80
No. 2—[illegible], pure rubber. ..... " 1.50

ONE DOZEN IN BOX. TWELVE BOXES IN CARTON.

FRUIT JAR WRENCHES.



No. 52—Japanned steel, self adjusting, per dozen. $1.00

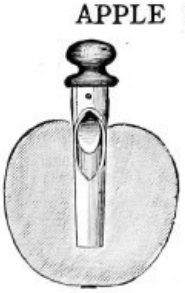
ONE DOZEN IN A BOX.

No. 53—Steel, self adjusting . . . per dozen $1.75

Operated by one hand, sets or removes cap and does not drop cap until released. Will not cut cap.

ONE DOZEN IN A BOX.

APPLE CORERS.



No. 2.

No. 1.

No. 2—6 in., tin, wood handle. . per dozen $0.55
No. 1—6 in., tin, tin handle. . . . " .90

ONE DOZEN IN A PACKAGE.

No. 3—6 in., retinned steel, wood head, per dozen. $1.00

ONE DOZEN IN A BOX.

SAP SPOUTS.

No. 5.

No. 1.

No. 5—Anchor, tin, 100 in a box, w't per box 3½ lbs. ..... per 100 $1.25
No. 1—Eureka, tinned malleable iron, 100 in a box, w't per box 8 lbs. . per 100 3.25

FRUIT CANS.

Bright Tin, Indexed Top.

1 qt.—W't per gro. 57 lbs. . . . . per gross $ 8.00
2 qt.—W't per gro. 97 lbs. . . . . " 16.00

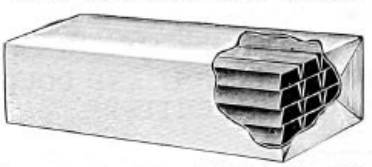
ONE QUART, ONE GROSS; TWO QUART, ONE HALF GROSS IN A CRATE.

FRUIT CAN TOPS AND BOTTOMS.

1 qt.—Indexed top, size of opening 3½ in. size over all 4¼ in., w't per gro. 12 lbs., per gross. $3.25

ONE-QUARTER GROSS SETS IN A PACKAGE.

CAN CEMENT OR WAX.



Red ..... per pound $0.05
White ..... " .05

FIVE POUNDS IN A PACKAGE.

H. S. B. Columbian—Red, made of pure ingredients, in ½ lb. paper boxes, per pound. $0.10

A special wax for particular people.

Where a sure, safe wax is desired use Columbian. The slight increase in cost is more than made up by the saving in fruit which might otherwise be spoiled.

ONE HUNDRED HALF POUND BOXES IN A CASE.

WAX CAN STRINGS.

12 in ..... per 100 $0.40
14 in ..... " .50

ONE HUNDRED IN A BOX.

WAX MELTING LADLES.

No. 3—Cast iron, diameter 3 in., w't per doz. 8 lbs. ..... per dozen $1.50

TIN AND GALVANIZED WARE.

DINNER HORNS.

No. 02—12 in., plain tin, w't per doz. 1½ lbs.....per dozen $1.00

No. 180—18 in., plain tin, w't per doz. 2½ lbs.....per dozen 1.35

No. 220—22 in., plain tin, w't per doz. 4 lbs.....per dozen 2.00

ONE DOZEN IN A PACKAGE.

MARKING POTS.

No. 1—1 qt., IC tin, w't per doz. 4¼ lbs., per dozen..... $2.50

No. 2—Ball pot, tin, combination for marking or stencil, w't per doz., 5½ lbs., per dozen..... $4.25

CAMP KETTLES.★

Galvanized Iron, with Cover and Bail.

Gallons.....	4	5	6
Per dozen.....	$11.00	13.00	15.00
Gallons.....	**8**	**10**	**12**
Per dozen.....	$16 00	18.00	23.00

★*For shipment from factory at Milwaukee, Wis., for Wisconsin and northern Michigan trade*

OILY WASTE CANS.

Galvanized Iron, Self-Closing Cover, with Legs.

No. 1½—11×14 in., w't per doz. 104 lbs.....per dozen $21.00

No. 2½—12×18 in., w't per doz. 120 lbs.....per dozen 30.00

No. 3½—13×20 in., w't per doz. 144 lbs.....per dozen 36.00

No. 4½—14×22 in., w't per doz. 180 lbs.....per dozen 42.00

No. 5½—15×24 in., w't per doz. 190 lbs.....per dozen 48.00

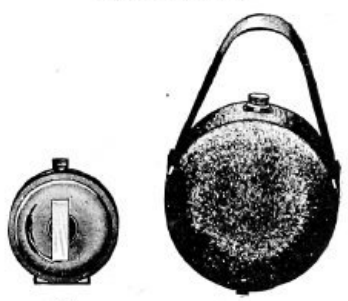
POWDER CANS.

5 lbs.—½ gal., IC tin, w't per doz. 11 lbs.....per dozen $3.00

12 lbs.—1 gal., IC tin, w't per doz. 13 lbs.....per dozen 3.50

ONE DOZEN IN A CRATE.

CANTEENS.



Oil. Water.

Miners' Oil, with Loop for Belt.

No. 0—½ pt., IC tin, 4½×1⅝ in., w't per doz. 3 lbs.....per dozen $1.50

No. 1—1 pt., IC tin, 4⅞×1⅝ in., w't per doz. 3½ lbs.....per dozen 2.00

Water, Galvanized Iron, Braced, Covered with Burlap, Broad Cloth Strap.

Quarts.....	2	4
Size.....	2½×8	2½×10 in.
W't per doz.....	12	18 lbs.
Per dozen.....	$10.25	12.00
Quarts.....	**6**	**8**
Size.....	2½×12	2½×14 in.
W't per doz.....	24	30 lbs.
Per dozen.....	$14.00	15.50

WATERING POTS OR SPRINKLERS.

No. 11—Parlor, 1 qt., round, japanned tin, w't per doz. 6 lbs.....per dozen $3.00

HALF DOZEN IN A BOX.

IC Tin, Zinc Face Rose.

Quarts.....	1	2	3
W't per doz....	8	11	14 lbs.
Per dozen.....	$2.25	3.00	3.50
Quarts.....	**4**	**6**	**8**
W't per doz....	18	24	32 lbs
Per dozen.....	$4.00	5.00	7.00
Quarts.....	**10**	**12**	
W't per doz.....	36	46 lbs	
Per dozen.....	$8.25	9.50	

ONE TO THREE QUART, ONE DOZEN; BALANCE HALF DOZEN IN A CRATE.

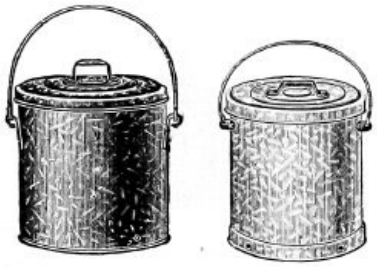
Galvanized Iron, Zinc Face Rose.

Nos.....	40	60	80
Quarts.....	4	6	8
W't per doz....	24	32	44 lbs.
Per dozen.....	$6.00	7.00	8.25
Nos.....	**100**	**120**	**160**
Quarts.....	10	12	16
W't per doz....	50	58	74 lbs
Per dozen.....	$9.50	10.75	13.25

HALF DOZEN IN A CRATE.

GALVANIZED WARE.

GARBAGE PAILS.



Nos. 14 to 19. Nos. 117 to 119.

Galvanized Iron, Cover with Outside Rim.

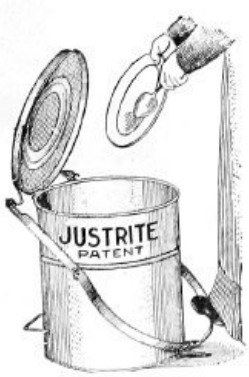
No. 14—10¾×10 in., w't per doz. 42 lbs.....per dozen $ 9.00
No. 16—12×10 in., w't per doz. 54 lbs., per dozen..... 11.00
No. 17—13×12½ in., w't per doz. 66 lbs.....per dozen 13.00
No. 18—14×14 in., w't per doz. 80 lbs., per dozen..... 15.00
No. 19—14×15½ in., w't per doz. 85 lbs.....per dozen 17.00

Galvanized Iron, with Foot and Cover with Outside Rim.

No. 117—12×13 in., w't per doz. 65 lbs., per dozen..... $16.00
No. 118—13×14 in., w't per doz. 75 lbs., per dozen..... 18.00
No. 119—14×15 in., w't per doz. 95 lbs., per dozen..... 20.00

Heavy Galvanized Iron, Hinged Cover.

No. 25—12×10¼ in., w't per doz. 60 lbs.....per dozen $17.00
No. 35—13×12½ in., w't per doz. 66 lbs.....per dozen 21.00
No. 45—14×15½ in., w't per doz. 84 lbs.....per dozen 25.00



Justrite.

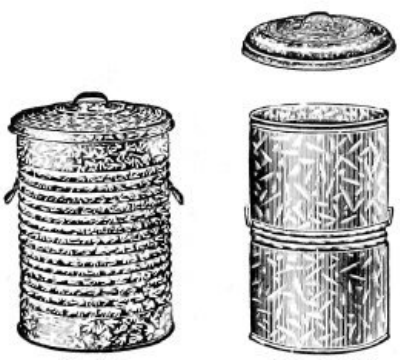
Gallons.....	6	8	10
Size.....	12×13	13×14	14×16 in.
W't per doz....	90	100	125 lbs.
Per dozen.....	$15.00	18.00	21.00

The cover of the Justrite is operated by foot lever, not only convenient for domestic use but also for doctors, dentists and in hospitals.

ASH CANS.

Galvanized Iron, Japanned Bands, Drop Handles, Cover Rim Inside.

No. 20—14½×24 in., w't 13 lbs....each $2.75
No 30—15½×27 in., w't 15 lbs.... " 3.50
No. 40—18 ×28 in., w't 25 lbs.... " 5.00



No. 88 Nos. 3 to 6

No. 88—17×26in., light galvanized corrugated, with cover, w't 12 lbs.....each $2.50

Galvanized Iron, Cover with Rim Outside.

Nos.	3	4	5	6
Size.....	15×26	17×26	18×26	20×26in.
Weight....	21	25	27	29 lbs.
Each.....	$2.75	3.50	4.00	4.75

Heavy Galvanized Iron, Corrugated, Soldered Tight, Raised Bottom, Iron Drop Handles, Cover Rim Outside.

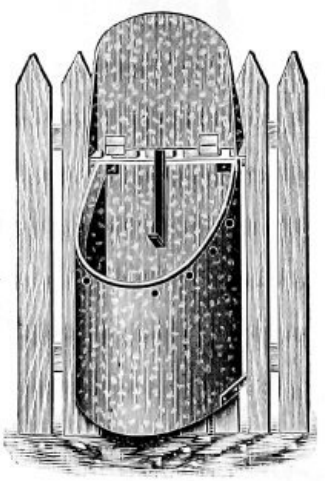
No. 200—15×26 in., w't 20 lbs.....each $3.75
No. 300—18×26 in., w't 25 lbs..... " 4.50
No. 400—21×26 in., w't 30 lbs..... " 5.75

ASH CANS.

Extra Heavy Galvanized Iron, Drop Side Handles, Double Ribbed Staves, Cover Rim Outside.

No. 170—15×26 in., w't 26 lbs..... each $5.00
No. 180—17×26 in., w't 32 lbs..... " 5.75
No. 190—18×26 in., w't 33 lbs..... " 6.50
No. 203—20×26 in., w't 41 lbs..... " 7.75

FENCE ASH CANS.

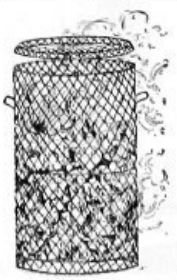


Heavy Galvanized Iron, Bottom Reinforced with Wood Underneath, Hinges to Fence at Bottom, Complete with Cover.

No. 330—30×18 in., 26 gauge, w't 25 lbs.....each $5.00
No. 336—36×20 in., 24 gauge, w't 35 lbs.....each 7.00

To mount, it is necessary to cut hole in fence for can to swing through, thus it can be emptied outside the fence. Cover self-closing.

RUBBISH BURNERS.



No. 123—Three sizes, nested, 30×16 in., 33×18 in., 36×20 in., made of No. 13 wire, woven 1 in. mesh, cover fastens with wire hook hasp, w't per nest 35 lbs. .....per dozen nests $178.00

For the destruction of leaves, waste paper, etc.

OIL AND GASOLINE CANS.

No. 8.

No. 9.

Glass.

No. 8—1 gal., glass, tin jacket, w't per doz. 60 lbs.....per dozen $4.00
ONE DOZEN IN A CRATE.

No. 9—1 gal., glass, wire cushioned jacket, w't per doz. 70 lbs., per dozen 7.00
HALF DOZEN IN A CRATE.

Lettered "Gasoline."

No. 018—1 gal., red, all tin, w't per doz. 20 lbs.....per dozen $3.00
ONE DOZEN IN A CRATE.

No. 18—1 gal., red galvanized iron, stamped tin top, w't per doz. 21 lbs.....per dozen 4.00
ONE DOZEN IN A CRATE.

No. 28—2 gal., red galvanized iron, stamped tin top, w't per doz. 32 lbs.....per dozen 7.00
HALF DOZEN IN A CRATE.

No. 38—3 gal., red galvanized iron, w't per doz. 60 lbs.....per dozen 9.00
HALF DOZEN IN A CRATE.

No. 58—5 gal., red galvanized iron, w't per doz. 68 lbs..per dozen 10.50
ONE-QUARTER DOZEN IN A CRATE.

No. 558—5 gal., red galvanized iron, ⅜ in. faucet in breast, w't per doz. 75 lbs.....per dozen $18.00
ONE-QUARTER DOZEN IN A CRATE.

No. 2205.

No. 60.

No. 201—1 gal., galvanized iron, stamped tin top, spout with marble stopper, w't per doz. 17 lbs.....per dozen $ 3.50
ONE DOZEN IN A CRATE.

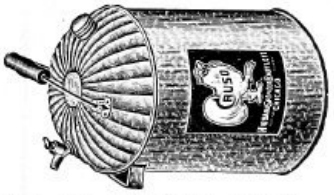
No. 202—2 gal., galvanized iron, stamped tin top, w't per doz. 31 lbs.....per dozen 5.50
HALF DOZEN IN A CRATE.

No. 203—3 gal., galvanized iron, stamped tin top, w't per doz. 5(lbs.....per dozen 7.00
HALF DOZEN IN A CRATE.

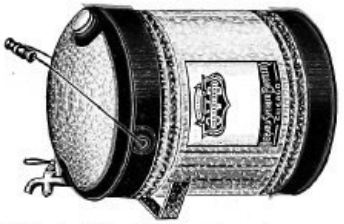
No. 205—5 gal., galvanized iron, w't per doz. 64 lbs..per dozen 10.00
ONE-QUARTER DOZEN IN A CRATE.

No. 2205—5 gal., spout can, extra heavy galvanized iron, w't per doz. 75 lbs., per dozen 15.00
ONE-QUARTER DOZEN IN A CRATE.

No. 60—5 gal., galvanized iron, ⅜ in. faucet, w't per doz. 74 lbs., per dozen 11.00
ONE-QUARTER DOZEN IN A CRATE.



No. 25—5 gal., lay down, galvanized, ⅜ in. faucet in top prevents leaking when carried, galvanized breast, w't per doz. 70 lbs.....per dozen $12.00
ONE-QUARTER DOZEN IN A CRATE.



No. 225—5 gal., lay down faucet cans, extra heavy galvanized iron, w't per doz. 80 lbs.....per dozen $18.00
ONE-QUARTER DOZEN IN A CRATE.

IC Tin, Common Spout.

No. 10—½ gal., w't per doz. 10 lbs.....per dozen $2.50
No. 11—1 gal., w't per doz. 14 lbs., per dozen..... 3.00
ONE DOZEN IN A CRATE.

No. 12—2 gal., w't per doz. 25 lbs., per dozen..... 5.00
HALF DOZEN IN A CRATE.

No. 15—5 gal., galvanized, *steady flow*, removable pumps, w't per doz. 96 lbs.....per dozen $23.00
ONE-QUARTER DOZEN IN A CRATE.

No. 16—5 gal., galvanized iron, flush tin top and tin cover, removable continuous stream pump, non-overflowing, w't per doz. 104 lbs., per dozen $25.00
No. 166—5 gal., red, otherwise same as No. 16, per dozen 26.00
ONE-QUARTER DOZEN IN A CRATE.

SAFETY BENZINE CANS.

Heavy Galvanized Iron Self-Closing Outlet.

Nos	101	102	103
Quarts	1	2	4
W't per doz.	9	14	20 lbs.
Per dozen	$16.00	20.00	25.00

For printers, tailors, painters or wherever naphtha, benzine or gasoline is used for cleaning. The only can in which Insurance Co's permit benzine, etc., kept indoors.

RAILROAD OIL CANS, TALLOW BUCKETS, ETC.

WOOD JACKET CANS.

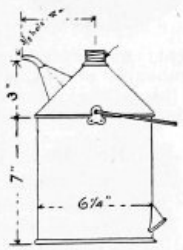
Cone Top.

Nos	41	42	43	45	410
Gallons	1	2	3	5	10
W't per doz.	15	24	30	46	78 lbs.
Per dozen	$4.80	6.60	8.40	10.20	18.00

Spout.

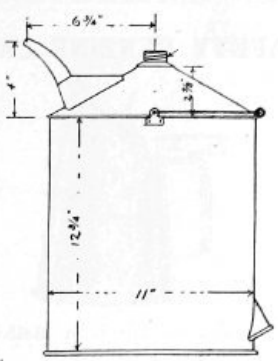
No. 55—5 gal., w't per doz. 48 lbs., per dozen $11.70

OIL CANS.



No. 510.

No. 510—1 gal., heavy tin, bottom wired, screw top ..... per dozen $10.00
No. 601—1 gal., No. 26 gauge galvanized iron, *without* spout, bottom wired, screw top ..... per dozen 9.00
No. 512—2 gal., heavy tin, bottom wired, screw top ..... per dozen 11.50
No. 602—2 gal., No. 24 gauge galvanized iron, *without* spout, bottom wired, screw top ..... per dozen 11.00



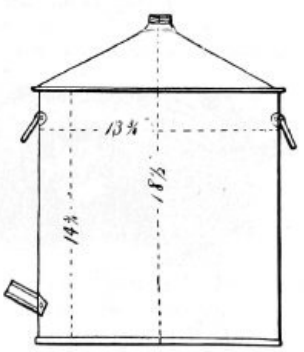
No. 515.

No. 514—3 gal., heavy tin, bottom wired, screw top ..... per dozen $12.50
No. 515—5 gal., heavy tin, bottom wired, screw top ..... per dozen 20.00
No. 605—5 gal., No. 24 gauge galvanized iron, *without* spout, bottom wired, screw top ..... per dozen 19.00

OIL CANS.

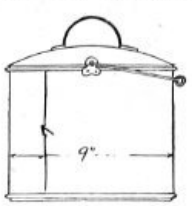
No. 401—1 gal., black brazed steel, spout, chained 2 in. screw top, w't per doz. 30 lbs. ..... per dozen $24.00
No. 402—2 gal., black brazed steel, spout, chained 2 in. screw top, w't per doz. 50 lbs. ..... per dozen 30.00
No. 405—5 gal., black brazed steel, spout, chained 2 in. screw top, w't per doz. 85 lbs. ..... per dozen 50.00

No. 455—5 gal., black brazed steel, 2 in. pouring nozzle, with wood plug chained, w't per doz. 90 lbs., per dozen $50.00



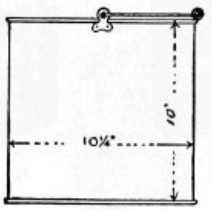
No. 610—10 gal., No. 24 gauge galvanized iron, side handles, bottom wired, 1¼ in. screw top ..... per dozen $25.00

TALLOW BUCKETS.

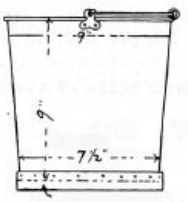


No. 518—2 gal. tallow bucket, No. 24 gauge galvanized iron, double seamed bottom, wired ..... per dozen $9.00

WATER BUCKETS.

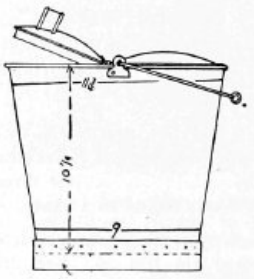


No. 520—14 qt., No. 24 gauge galvanized iron, wired top and bottom, per dozen $11.00



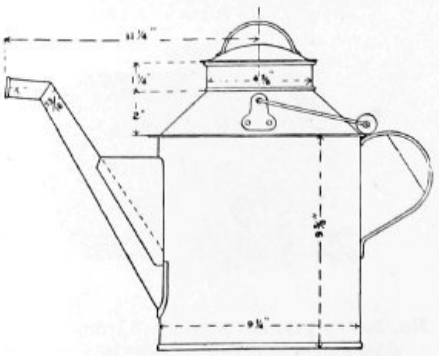
No. 519.

No 519—Tank, 8 qt., No. 24 gauge galvanized iron, with riveted No. 18 gauge galvanized foot ..... per dozen $10.00
No. 521—Flaring, 14 qt., No. 24 gauge galvanized iron, with riveted No. 10 gauge galvanized foot ..... per dozen 11.00
No. 522—Flaring, 22 qt., otherwise same as No. 521 ..... per dozen 21.00



No. 594—Dope, 2½ gal., No. 24 gauge galvanized iron, riveted galvanized iron foot, hinged lid ..... per dozen $16.00

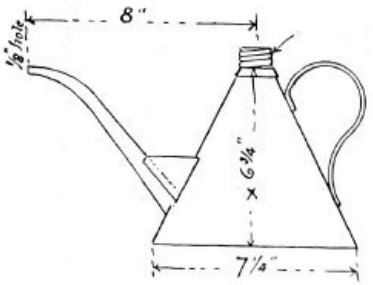
POURING CANS.



No. 592—2½ gal. can, No. 24 gauge galvanized iron, wired bottom, per dozen $21.00

RAILROAD TORCHES AND FILLERS.

FILLERS.



No. 551—3 pt., heavy pieced tin, w't per doz. 10 lbs. ..... per dozen $6.00

No. 552—2 qt., 8 in. diam., heavy brazed black steel, indestructible, lamp filler, screw top, w't per doz. 20 lbs. ..... per dozen $15.00

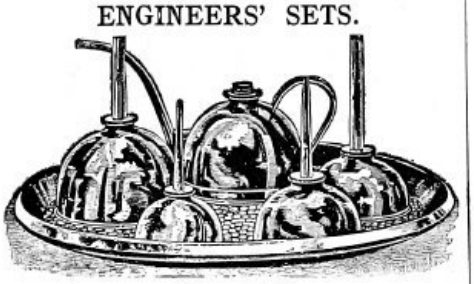
Spun Tin, Screw Top.

No. 309—1½ pt., 5¼ in. diam., w't per doz. 7½ lbs. ..... per dozen $ 9.00
No. 310—2 pt., 6 in. diam., w't per doz. 9 lbs. ..... per dozen 10.00

Copperized Steel, Screw Top.

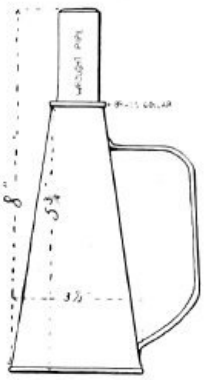
No. 410—2 pt., 5 in. diam., w't per doz. 12 lbs. ..... per dozen $20.00
No. 411—4 pt., 6 in. diam., w't per doz. 17 lbs. ..... per dozen 24.00

ENGINEERS' SETS.



No. 40—Steel, copper plated, consists of one 14 in. tray, one each 3 oz. oiler, 2¾ in. diameter, 2½ in. spout; 5 oz. oiler, 3⅜ in. diameter, 3 in. spout; 5 oz. oiler, 3⅜ in. diameter, 9 in. spout; 1 pt. oiler, 4½ in. diameter, 9 in. spout, and 1 qt. filler, 5 in. diameter; w't 4 lbs. 10 oz. ..... per set $ 7.50
No. 140—Brass, otherwise same as No. 40. ..... per set 12.00

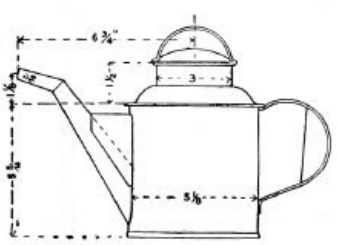
TORCHES.



No. 531—Heavy tin, handled, engineers' or inspectors' torch, with wrought pipe wick tube, w't per doz. 8 lbs. ..... per dozen $8.00

No. 532—4¼×10 in., heavy black brazed steel, indestructible engineers' and inspectors' torch, w't per doz. 15 lbs. ..... per dozen $9.00

TALLOW POTS.

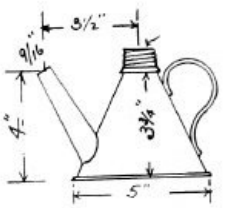


No. 590.

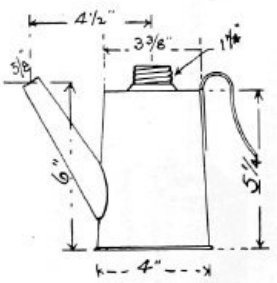
No. 589—1 qt., XXX tin, wired bottom, w't per doz. 12 lbs... per dozen $ 8.00
No. 590—2 qt., XXX tin, wired bottom, w't per doz. 12½ lbs. .... per dozen 10.00

No. 591—2 qt., oval, 7×5 in., heavy black brazed steel, indestructible tallow pot, 2 in. screw, w't per doz. 15 lbs. ..... per dozen $20.00

TORCHES.



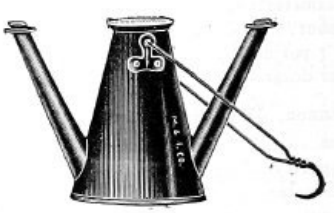
No. 528—Heavy tin, wired bottom and handled, w't per doz. 6 lbs., per dozen $6.00



No. 529.

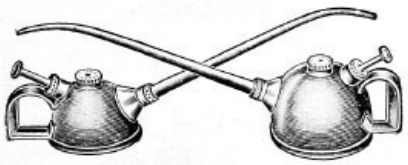
No. 529—Tunnel, heavy tin, wired bottom, wire hanging hook, w't per doz. 7 lbs. ..... per dozen $8.00
No. 530—Wiper's, heavy tin, with loop handle, body like No. 529, w't per doz. 7 lbs. ..... per dozen 7.00

No. 533—5½×7½ in., heavy black brazed steel, indestructible, hand and repair, hooked, and 1 in. screw top, w't per doz. 16 lbs. ..... per dozen $9.00



No. 534—5×6 in., heavy black brazed steel, indestructible, double spout repair torch with hook, 2 in. screw top, w't per doz. 15 lbs... per dozen $14.00

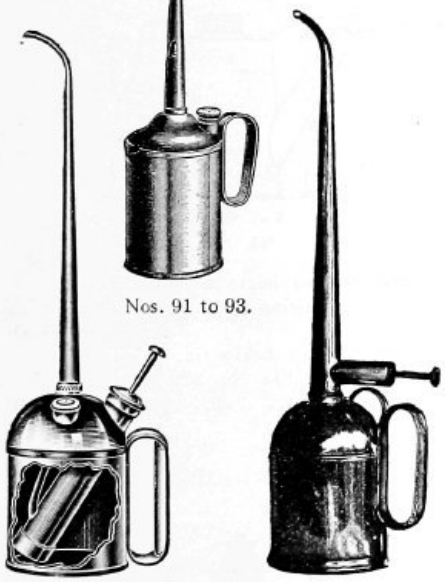
ENGINE OILERS.



Brass Automobile Pump Oiler.

No. 48—½ pt., 3¾ in. diam., 5 in. detached spout, polished brass, per dozen $25.00
No. 49—1 pt., 4¼ in. diam., 9 in. detached spout, polished brass, per dozen 30.00
No. 049.—Coppered steel, otherwise same as No. 49, per dozen..... 20.00
Spouts interchangeable and 3, 5 or 9 in. can be supplied.

Nos. 91 to 93.



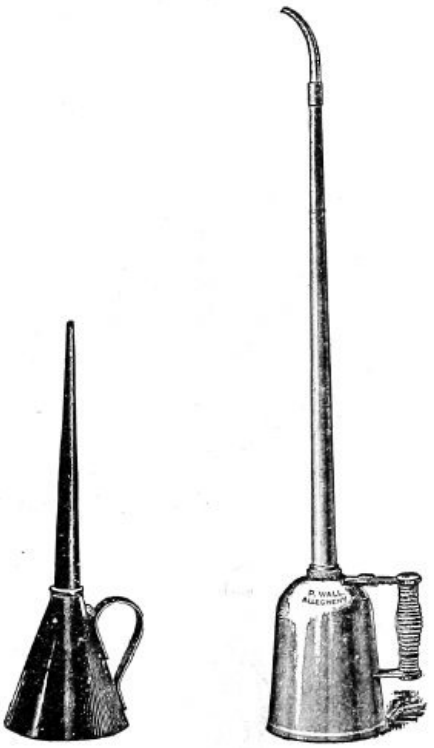
Nos. 111 to 113. Nos. 120 to 123.

Bright Tin, Brass Screw, Fast Bent Spout.			
Nos.....	**91**	**92**	**93**
Capacity.....	1	1½	2 pts.
Diameter.....	3	3½	3¾ in.
Spout.....	8	12	18 in.
W't per doz.....	4	6	7½ lbs.
Per dozen.....	$5.00	5.50	6.00

Bright Tin, Pump, Fast Spout.			
Nos.....	**111**	**112**	**113**
Capacity.....	1	1½	2 pts.
Diameter.....	3	4⅛	4⅛ in.
Spout.....	7	12	16 in.
W't per doz.....	6½	10	11½ lbs.
Per dozen.....	$12.00	14.00	16.00

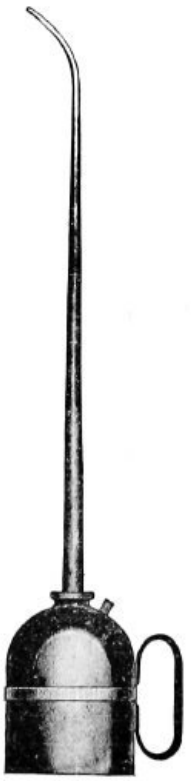
Cannon, IXX Tin, Brass Screw and Pump.				
Nos.....	**120**	**121**	**122**	**123**
Capacity.....	½	1	1½	2 pts.
Diameter.....	3	3½	4	4 in.
Spout.....	6	8	12	20 in.
W't per doz.	7	8½	11	16 lbs.
Per dozen...	$12.50	14.50	16.00	18.00

HALF DOZEN IN A BOX.



Nos. 38 and 39. No. 166.

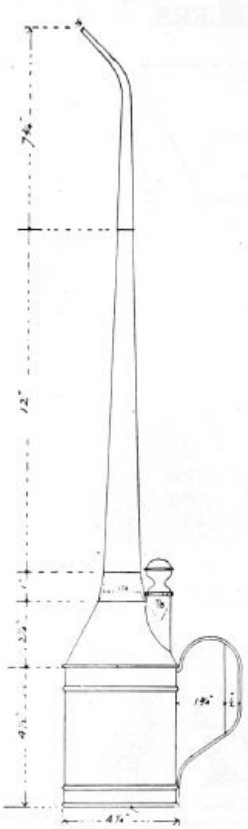
No. 38—1 pt., pyramid, 4½x13 in. over all, black steel, brazed, flow controlled by thumb vent, w't per doz. 9 lbs.....per dozen $7.50
No. 39—2 pt., pyramid, 6x17 in. over all, black steel, brazed, flow controlled by thumb vent, w't per doz. 12 lbs.....per dozen 9.00
No. 166—2 pt., locomotive, 4½x28 in. over all, entirely polished steel, brazed, flow controlled by thumb vent, w't per doz. 22 lbs., per dozen $30.00



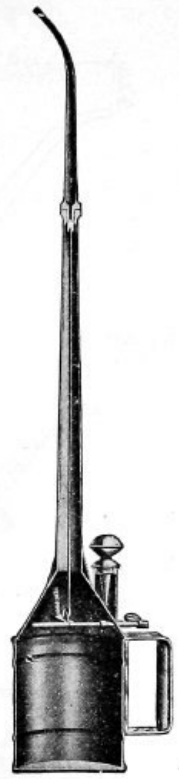
Polished, Copperized Heavy Steel Body and Spout.

No. 10—1 pt., diameter 3⅜ in., spout 12 in., w't per doz. 10 lbs...per dozen $14.00
No. 11—1 qt., diameter 4⅛ in., spout 12 in., w't per doz. 12 lbs...per dozen 16.75
No. 118—1 qt., diameter 4⅛ in., spout 18 in., w't per doz. 14 lbs...per dozen 18.00

HALF DOZEN IN A BOX.



No. 505.



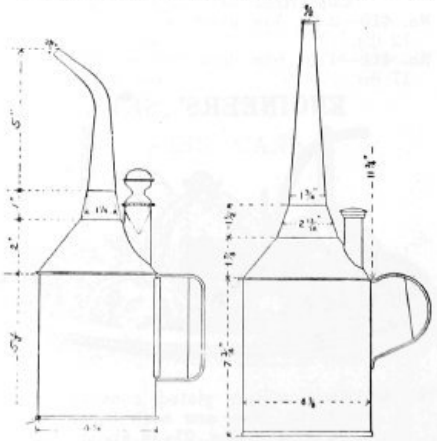
Nos. 572 to 573. Showing Interior with Thumb Lever Valve to Control Flow.

IXXX Charcoal Tin.

No. 505—2 pt., 20 in. spout, 27 in. over all, solid spout, w't per doz. 12 lbs., per dozen..... $9.00

IXXX Charcoal Tin.

No. 572—2 pt., with 20 in. spout, 28 in. over all, screw tip, brass union, w't per doz. 17 lbs.....per dozen $12.00
No. 572½—2 pt., 27 in. spout, 34 in. over all, screw tip with brass union, w't per doz. 18 lbs.....per dozen 13.00
No. 573—3 pt., 24 in. spout, 30 in. over all, screw tip with brass union, w't per doz. 19 lbs.....per dozen 14.00



No. 552. No. 591.

No. 552—1 qt., inspectors', IXXX tin, w't per doz. 12 lbs.....per dozen $ 8.00
No. 591—1 gal. can, IXXX tin, with No. 24 gauge galvanized iron bottom, w't per doz. 18 lbs.....per dozen 10.00

OILERS.

Sewing Machine.

No. 50—Tin, diameter 2 in., 1¼ in. spout, per dozen $0.80

ONE DOZEN IN A BOX.

Phonograph.

No. 52—Tin, 3 in. bent spout, otherwise like No. 50 ..... per dozen $1.25

ONE DOZEN IN A BOX.

Bright Chace, Spring Bottom.

Nos	00	0	1	2
Diameter	2	2⅜	2⅞	3¼ in.
Spout	1½	1½	3	4 in.
Per dozen	$1.00	1.25	1.50	2.00

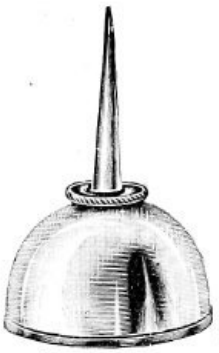
Nos	3	4	5	6
Diameter	3⅝	4⅛	4½	4⅞ in.
Spout	4	5	5	5 in.
Per dozen	$2.25	2.75	3.50	4.50

NOS. 00 AND 0, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

Copper Chace, Brass Bottom.

Nos	62	63	64	65
Diameter	3¼	3⅝	4⅛	4½ in.
Spout	4½	4½	4½	5½ in.
Per dozen	$3.75	4.25	5.00	6.25

HALF DOZEN IN A BOX. WEIGHT 1 TO 4 LBS. PER DOZEN ACCORDING TO SIZE.



Nos. 31 to 33.

Nos. 12 to 15A.

H. S. B., Copperized, Brass Spring Bottom, Brass Threads, Heavy Knurled Thumb Washer.

Nos	31	32	33	34
Diameter	2½	3	3¼	4⅛ in.
Spout	2¼	3	4	bent 6 in.
Per dozen	$2.25	2.50	2.75	3.00

NO. 34, HALF DOZEN IN A BOX; BALANCE, ONE DOZEN IN A BOX. WEIGHT PER DOZEN 2 TO 4 LBS.

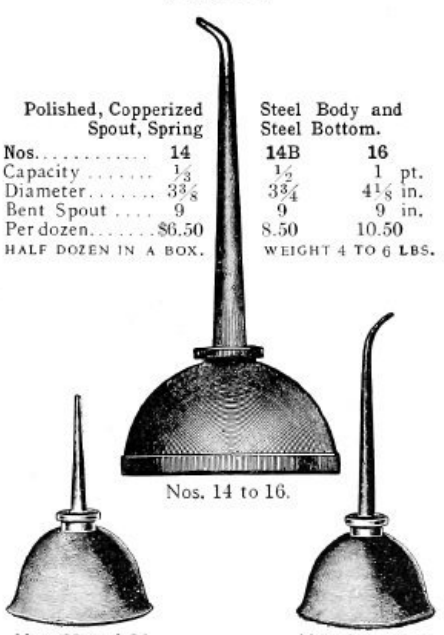
Polished, Copperized Steel Body and Spout, Spring Steel Bottom.

Nos	12	13	13A	14A
Capacity	⅛	⅓	⅓	½ pt.
Diameter	2¾	3⅜	3⅜	3¾ in.
Spout	2½	3	5	3 in.
Per dozen	$4.50	5.50	6.00	7.50

HALF DOZEN IN A BOX. WEIGHT PER DOZEN 3 TO 5 LBS.

Nos	14AA	15	15A
Capacity	½	1	1 pt.
Diameter	3¾	4⅛	4⅛ in.
Spout	5	3	5 in.
Per dozen	$8.00	9.25	9.75

HALF DOZEN IN A BOX; WEIGHT PER DOZEN 5 TO 6 LBS.



Nos. 14 to 16.

Polished, Copperized Spout, Spring Steel Body and Steel Bottom.

Nos	14	14B	16
Capacity	⅓	½	1 pt.
Diameter	3⅜	3¾	4⅛ in.
Bent Spout	9	9	9 in.
Per dozen	$6.50	8.50	10.50

HALF DOZEN IN A BOX. WEIGHT 4 TO 6 LBS.

Nos. 23 and 24.

Nos. 25 and 26.

Polished, Bright, Steel Body and Spout, Seamed Spring Steel Bottom, Solid Knurled Brass Thumb Washer with Cut Threads.

Nos	23	24	25	26
Capacity	⅓	½	¾	1 pt.
Diameter	3⅜	3¾	4⅛	4½ in.
Spout	3	4	6	9 in.
Per dozen	$12.00	15.00	19.00	22.00

ONE DOZEN IN A BOX. WEIGHT PER DOZEN 4 TO 6 LBS.

AUTOMATIC.

Self-Righting, with Drip Cup, Brass Spring Bottom.

Nos	81	82	83
Diameter	3	3¼	3¼ in.
Spout	3¾	3¾	4½ in.
Per dozen	$3.50	4.00	4.50

HALF DOZEN IN A BOX. WEIGHT PER DOZEN 4 TO 5 LBS.

MALLEABLE IRON.

Malleable Iron Bronzed, Spring Brass Bottom, Heavy Steel Spout.

Nos	01	02	03
Diameter	3⅛	3¼	3¾ in.
Spout	3½	3½	3½ in.
Per dozen	$3.60	4.00	4.40

ONE DOZEN IN A BOX.
WEIGHT PER DOZEN 5 TO 6 LBS.

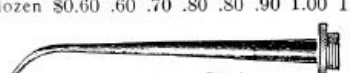
No. 3.

OILER SPOUTS.

CHACE PATTERN.

Tin.

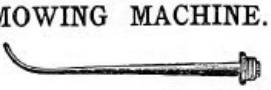
Nos	00	0	1	2	3	4	5	6
Length	1⅛	1½	2¼	4	4	5	5	5 in.
Per dozen	$0.60	.60	.70	.80	.80	.90	1.00	1.20



Copperized Steel.

Nos	112	113	114	110	1118
Length	2½	3	9	12	18 in.
	straight	straight	bent	bent	bent
Per dozen	$2.25	2.75	4.25	5.75	7.00

MOWING MACHINE.



No. 20 —3½ in., tin, straight, for No. 210 ..... per dozen $0.90

No. 20B—3½ in., tin, bent, for 210B, per dozen ..... .90

No. 28 —3½ in., tin, straight, for Nos. 208 and 0301 Ajax ..... per dozen 1.00

No. 28B—3½ in., tin, bent, for Nos. 208B and 0301B Ajax ..... per dozen 1.00

No. 85 —5 in., tin, straight, for Nos. 800 and 301 Cruso ..... per dozen 1.20

No. 85B—5 in., tin, bent, for Nos. 800B and 301B Cruso ..... per dozen 1.20

No. 90 —5 in., coppered, straight, for No. 900 ..... per dozen 1.50

No. 90B—5 in., coppered, bent, for Nos. 900B and 34 ..... per dozen 1.50

No. 60 —4 in., coppered, straight, for No. 600 ..... per dozen 2.50

No. 60B—4 in., coppered, bent, for No. 600B ..... per dozen 2.50

MOWING MACHINE OILERS.

No. 210.

Bright Tin, Spring Bottom.

No. 210—1 pt., diam. 3 in., *straight* 3½ in. spout, w't per doz. 2 lbs. per gross $12.00

No. 210B—1 pt., diam. 3 in., *bent* 3½ in. spout, w't per doz. 2 lbs. per gross 12.00

ONE DOZEN IN A PACKAGE.

No. 208.

No. 800.

Bright Tin, Spring Bottom.

No. 208 —1 pt., diam. 3 in., *straight* 3½ in. spout, w't per doz. 2 lbs., per gross $14.00

No. 208B—1 pt., diam. 3 in., *bent* 3½ in. spout, w't per doz. 3 lbs., per dozen..... 14.00

ONE DOZEN IN A PACKAGE.

Coppered, Spring Bottom.

No. 800 —1 pt., diam. 3 in., *straight* 4 in. spout, w't per doz. 3½ lbs., per gross $21.00

No. 800B—1 pt., diam. 3 in., *bent* 4 in. spout, w't per doz. 3½ lbs. . . per gross 21.00

ONE DOZEN IN A BOX.

No. 100—¾ pt., bright tin, spring bottom diam. 3½ in., *straight* 3½ in. spout, w't per doz. 2¼ lbs. . . per gross $15.00

ONE DOZEN IN A PACKAGE.

Seamless Body Enameled Red, Brass Spring Bottom, Brass Thumb Washer and Sunken Brass Threads.

No. 301 —1 pt., diam. 3 in., *straight* 5 in. spout..... per gross $24.00

No. 301B—1 pt., diam. 3 in., *bent* 5 in. spout..... per gross 24.00

Well made and very attractive.

HALF DOZEN IN BOX. WEIGHT 3 LBS. PER DOZ.

Coppered, Heavy Seamless, Brass Spring Bottom, Thick Knurled Brass Thumb Washer and Long Sunken Brass Thread.

No. 900 —1 pt., diam. 3 in., *straight* 5 in. spout... ..... per gross $35.00

No. 900B—1 pt., diam. 3 in., *bent* 5 in. spout..... per gross 35.00

These are the profit payers in high grade.

HALF DOZEN IN BOX. WEIGHT 3½ LBS. PER DOZEN

No. 600.

Coppered, Heavy Steel, Steel Spring Bottom,

No. 600 —1 pt., diam. 3 in., *straight* 4 in. spout, w't per doz. 4¼ lbs., per gross..... $40.00

No. 600B—1 pt., diam. 3 in., *bent* 4 in. spout, w't per doz. 4¼ lbs. per gross 40.00

ONE DOZEN IN A PACKAGE.

ROASTERS, CASSEROLES AND BEAN POTS.

SAVORY ROASTERS.

Seamless Blued Steel, Large Size.

No. 400—Size 20x13x9½ in., wt. per doz. 85 lbs.....per dozen $25.00

ONE-QUARTER DOZEN IN A CRATE.

ROYAL ROASTERS.

Polished Blued Steel, With Wire Rack.

Nos.	52	53	54	
Size	10x15x7	12x16½x8	13x18x8½	in.
Wt. per doz	50	60	70	lbs.
Per dozen	$9.00	12.50	16.00	

The simple roaster, all frills omitted.

ONE DOZEN IN A CRATE.

CASSEROLES.

Oval, Glazed Earthenware, Covered.

Nos.	92	93	94	95	
Capacity	1½ pt.	2 pt.	2 qt.	3½	qt.
Size	7	8	9	10	in.
Wt. per doz	18	30	40	52	lbs.
Per dozen	$7.20	10.20	18.00	24.00	

These are glazed earthenware cooking pots, light brown outside, white porcelain inside. They will stand any heat if not exposed to direct blaze. Like a lamp chimney, cold water will crack them when hot.

COVERED BEAN POTS.

Glazed Earthenware.

Nos.	1	2	3	4	5	
Capacity	1	1¼	2	3	4	pts.
Wt. per doz	11	18	23	35	44	lbs.
Per dozen	$3.20	4.20	5.40	6.50	7.80	

These pots are glazed, light brown outside, white porcelain inside. They will stand any heat if not exposed to direct blaze. Like a chimney, cold water will crack them when hot.

FRY AND DRIPPING PANS, ROASTERS.

FRY PANS.

Smooth Steel, Not Polished.

Nos	000	01	02
Diam.	8	8½	9 in.
W't per doz.	5	6	7 lbs.
Per dozen	$2.00	2.50	3.00
Nos	**03**	**04**	**05**
Diam.	9½	10	11¼ in.
W't per doz.	8	9	10 lbs.
Per dozen	$3.50	4.00	4.50

Acme, Polished, Cold Handle.

Nos	00	0	1
Diam.	6	8	8½ in.
W't per doz.	5	8	10 lbs.
Per dozen	$2.50	3.00	3.75
Nos	**2**	**3**	**4**
Diam.	9	9½	10 in.
W't per doz.	12	14	16 lbs.
Per dozen	$4.25	4.75	5.25
Nos	**5**	**6**	**7**
Diam.	11	12	13 in.
W't per doz.	18	20	22 lbs.
Per dozen	$6.00	7.00	8.00

QUARTER DOZEN IN A BUNDLE.

Deep Hotel Pattern, Polished.

Nos	16	18	20	24
Diam.	6½	7½	8	9½ in.
W't per doz.	10	12	14	18 lbs.
Per dozen	$3.50	4.25	5.00	6.25
Nos	**28**		**32**	**36**
Diam.	11		13	14½ in.
W't per doz.	28		36	40 lbs.
Per dozen	$8.50		11.25	14.00

CASSEROLES.

1½ qts., 7×3¾ in., w't per doz. 40 lbs., per dozen $10.00
3 qts., 9×3¾ in., w't per doz. 60 lbs., per dozen 14.50
5 qts., 10×5¼ in., w't per doz. 85 lbs., per dozen 22.00
7 qts., 11×5¾ in., w't per doz. 100 lbs., per dozen 26.40

Casseroles or covered earthenware cooking pots, glazed, light brown outside, white porcelain inside. Will stand any heat if not exposed to direct blaze. Like a lamp chimney, cold water will crack it when hot.

DRIPPING PANS.

Refined Smooth Steel.

	W'T DOZ.	PER DOZ.
6 × 9 in.,	6 lbs.	$1.75
6½×13 in.,	8 lbs.	2.45
7 × 9 in.,	7 lbs.	2.00
7 ×10 in.,	7 lbs.	2.10
7 ×14 in.,	9 lbs.	2.65
8 ×10 in.,	8½ lbs.	2.20
8 ×12 in.,	9 lbs.	2.55
8 ×15 in.,	10 lbs.	3.05
8 ×17 in.,	11 lbs.	3.45
9 ×12 in.,	9 lbs.	2.60
9 ×14 in.,	10 lbs.	3.00
9 ×17 in.,	11 lbs.	3.75
10 ×10 in.,	9 lbs.	2.75
10 ×12 in.,	10 lbs.	3.05
10 ×14 in.,	11 lbs.	3.40
10 ×15 in.,	11 lbs.	3.50
10 ×16 in.,	12 lbs.	3.75
10 ×17 in.,	13 lbs.	4.00
10 ×19 in.,	15 lbs.	4.25
11 ×15 in.,	13 lbs.	3.90
11 ×16 in.,	14 lbs.	4.15
12 ×12 in.,	12 lbs.	3.50
12 ×15 in.,	14 lbs.	4.20
12 ×17 in.,	15 lbs.	4.45
12 ×19 in.,	17 lbs.	4.85
13 ×13 in.,	13 lbs.	4.00
14 ×15 in.,	16 lbs.	4.75
14 ×17 in.,	18 lbs.	5.00
16 ×17 in.,	19 lbs.	5.50
18 ×19 in.,	23 lbs.	6.50

THREE DOZEN IN A BUNDLE.

Extra Deep.

	W'T DOZ.	PER DOZ.
9×14×3½ in.,	15 lbs.	$5.00
10×15×3¾ in.,	14 lbs.	6.00
11×16×3¾ in.,	25 lbs.	7.00
13×18×4 in.,	21 lbs.	9.00

The weights on dripping pans are approximate and will vary.

GAS OVEN ROASTERS OR PANS.

No. 0—IDEAL, blued steel, 10×10 in., each pan 2½ in. deep, w't per doz. 22 lbs. ..... per dozen $6.50

Consists of two nestable pans, one forms cover for other and so used makes a most effective roaster. Pans may be used separately as drip or bread pans.

ONE DOZEN IN A BOX.

ROASTERS.

"Rev-o-noc," One Piece Seamless, Oval, Concave Bottom, Only Two Parts, no Seams, no Corners.

No. 30—Rustless blue glazed finish, 15×9½×6½ in., w't per doz. 50 lbs., per dozen $15.00
No. 300—Rustless blue glazed finish, 18×11×7½ in., w't per doz. 70 lbs., per dozen 16.00
No. 50—Rich glossy black enamel, flecked with white, 15×9½×6½ in., w't per doz. 50 lbs ..... per dozen 25.00
No. 500—Rich glossy black enamel, flecked with white, 18×11×7½ in., w't per doz. 70 lbs ..... per dozen 30.00

The one piece bottom is made by pulling the stamping inside out with ingenious machinery and is an exclusive "Rev-o-noc" feature.

The outer rim of the bottom acts as a heat retaining jacket imparting it evenly to all parts of the roast. It is impossible for anything to burn as the bottom cannot touch the oven. The juices and flavors which are lost in many roasters are all retained. The steam and juices from the roast collect in the concave bottom and as the roaster is air tight, basting is unnecessary.

Besides being the best roaster made, the "Rev-o-noc" is unsurpassed for baking bread, beans and many other things.

ONE-QUARTER DOZEN IN A CRATE.

Brownie.

L. & H.

Sheet Steel with Ventilator, Indented Top and Bottom.

No. 9—BROWNIE, 14×9×6 in., w't per doz. 30 lbs. ..... per dozen $5.00
No. 10—BROWNIE, 15×10×6½ in., w't per doz. 35 lbs. ..... per dozen 6.00
No. 12—BROWNIE, 17½×12½×7½ in., w't per doz. 45 lbs. ..... per dozen 7.00

Sheet Steel, with Runners, Hinged Cover, Sliding Vent, Perforated Tray.

No. 2—L. & H., 15×10×7 in., w't per doz. 50 lbs. ..... per dozen $13.20
No. 3—L. & H., 16×11×8 in., w't per doz. 65 lbs. ..... per dozen 15.00
No. 4—L. & H., 18×13×9 in., w't per doz. 80 lbs. ..... per dozen 18.00

ONE DOZEN IN A CASE

GOLD PANS.

No. 1—Polished steel, 16¼×2⅜ in., w't per doz. 24 lbs. ..... per dozen $6.00

STEEL HOLLOW WARE.

STEEL SPIDERS.

Light, Polished, Cold Handle.

Nos	07	08	09	
Diameter	8	9	10	in.
Weight	1¼	1½	1¾	lbs.
Each	$0.55	.65	.75	

Standard, Heavy, Polished.

Nos	7	8	9	
Diameter	8	9	10	in.
Weight	2	3	3½	lbs.
Each	$0.65	.75	.90	

Nos	10	12	
Diameter	11	12	in.
Weight	4	4½	lbs.
Each	$1.10	1.30	

STEEL GRIDDLES.

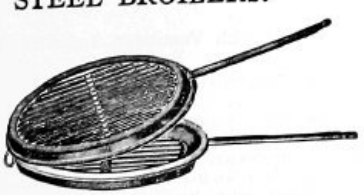
Polished.

Nos	8	9	10	
Diameter	9	10	11	in.
Weight	1¾	2	2¾	lbs.
Each	$0.60	.70	.80	

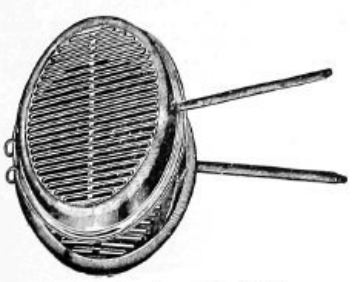
Polished.

Nos	12	14	16	
Diameter	12	14	16	in.
Weight	3¼	4	4½	lbs.
Each	$1.00	1.15	1.30	

STEEL BROILERS.



No. 80—Crown, round, stamped steel body and handles, diameter 9½ in., w't per doz. 14 lbs. ..... per dozen $6.00



No. 110—Crown, oval, stamped steel body and handles, 10×14 in., w't per doz. 19 lbs. ..... per dozen $11.00

FLAT STEEL KETTLES.

Tinned Inside and Out.

Nos	7	8	9	
Diameter	8½	9¾	10¾	in.
Weight	4	5	5½	lbs.
Each	$1.50	1.75	2.00	

R. B. STEEL KETTLES.

Tinned Inside and Out.

Nos	7	8	9	
Diameter	8½	9¾	10¾	in.
Weight	4	4½	5	lbs.
Each	$1.50	1.75	2.00	

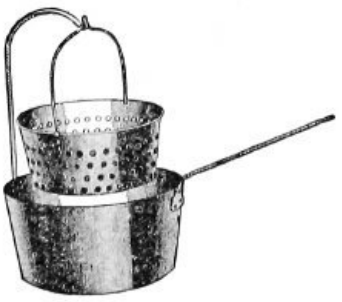
STEEL MASLIN KETTLES.

Enameled White Inside, Black Outside, with Heavy Retinned Patent Straining Cover.

Quarts	4	6	8	9	
Weight	2½	3	3½	4	lbs.
Each	$1.00	1.25	1.45	1.65	

Quarts	11	12	17	
Weight	5½	5¾	6	lbs.
Each	$1.75	2.00	2.25	

WROUGHT STEEL FRIERS.



No. 120—12×5½ in., smooth steel pan, malleable iron detachable arm, 11 in. perforated smooth steel basket, w't per doz. 67 lbs. ..... per dozen $50.00

FRIERS.

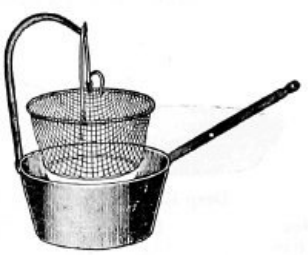
Smooth Black Steel Pan, Tinned Wire Basket.

No. 08—8×2 in. pan, 7½ in. basket, w't per doz. 14 lbs. ..... per dozen $ 5.00
No. 09—9½×2¼ in. pan, 9 in. basket, w't per doz. 22 lbs. ..... per dozen 9.00
No. 010—10×2½ in. pan, 9½ in. basket, w't per doz. 24 lbs. ..... per dozen 12.00

Deep, Smooth Black Steel Pan, Tinned Wire Basket.

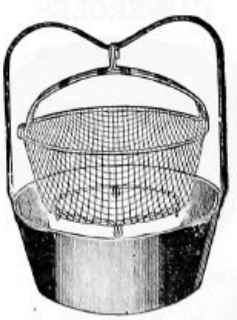
No. 0100—10×4 in. pan, 9½ in. basket, w't per doz. 27 lbs. ..... per dozen $13.00
No. 0120—12×4½ in. pan, 11 in. basket, w't per doz. 39 lbs. ..... per dozen 15.00

HOTEL FRIERS.



Wrought Steel, Extra Deep, Polished, Movable Support and Tinned Wire Basket.

Nos	190	1100	1120
Size	9×5	10×5	12×5½ in.
Weight	3	4	5 lbs.
Per dozen	$35.00	40.00	50.00



Wrought Steel, Polished, Tinned Wire Basket.

Nos	1130	1140
Size	13×5½	14×6 in.
Weight	7	9 lbs.
Per dozen	$60.00	80.00

Nos	1160	1180
Size	17×6½	20×8 in.
Weight	12	15 lbs.
Per dozen	$120.00	150.00

CAST HOLLOW WARE.

EX. FIN. R. B. STOVE KETTLES.

When ordering always specify "Ex. Fin." as on orders calling for Ground or Polished, Common Hollow Ware will be sent.

Polished Inside.

Nos	8	9
Diameter, top	10¾	11⅝ in.
Weight	8	11 lbs.
Each	$1.00	1.30

EX. FIN. FLAT STOVE KETTLES.

Polished Inside

Nos	7	8	9
Diameter, top	9¼	9⅞	10¾ in.
Weight	7	8½	10 lbs.
Each	$0.94	1.04	1.32

EX. FIN. R. B. STOVE POTS.

Polished Inside.

Nos	8	9
Diameter, top	10⅜	11½ in.
Weight	9½	12½ lbs.
Each	$1.26	1.50

EX. FIN. SPIDERS.

Polished Inside.

Nos	7	8	9
Diameter, top	9⅝	10⅜	11¼ in.
Weight	4	4½	5 lbs.
Each	$0.46	.50	.58
Nos	**10**	**12**	
Diameter, top	11¾	13¼ in.	
Weight	5½	6 lbs.	
Each	$0.74	1.10	

EX. FIN. GRIDDLES.

Polished.

Nos	8	9	10
Diameter, top	9¼	10¼	11¼ in.
Weight	2½	3½	5 lbs.
Each	$0.40	.48	.62

Polished.

Nos	12	14	16
Diameter	12	14	16 in.
Weight	5½	8	10 lbs.
Each	$0.70	.90	1.10

EX. FIN. LONG GRIDDLES.

Unpolished.

Nos	8	9	10
Size	19×8½	21×9⅝	24½×12½ in.
Weight	7	9	15 lbs.
Each	$0.72	.90	1.35

No. 88—Revolving, wood pan handles, for 8 or 9 in. holes, w't per doz. 96 lbs., per dozen $14.40

American, Japanned Rim, Wood Pan Handles.

Nos	7	8	9
Diam. of pan	6¾	7¾	8⅝ in.
For holes	7 or 8	8 or 9	9 or 11 in.
W't per doz.	75	96	114 lbs.
Per dozen	$14.00	16.00	18.00

AMERICAN WAFFLE IRONS.

No. 11.

No. 18.

No. 11—Square deep frame, 3½ in. high, 9¾ in. square base, 6½ in. square pan, waffles divisible into four portions, w't per doz. 132 lbs., per dozen $19.00

No. 18—Round deep frame, 4 in. high, diameter of base 10½ in., diameter of pan 7½ in., w't per doz. 130 lbs., per dozen 19.00

No. 018—9 in. high ring, 6¾ in. pan, otherwise same as No. 18, w't per dozen 90 lbs., per dozen 15.00

Nos. 11 and 18 are for gas or gasoline, or where there is no stove hole for pan to turn through.

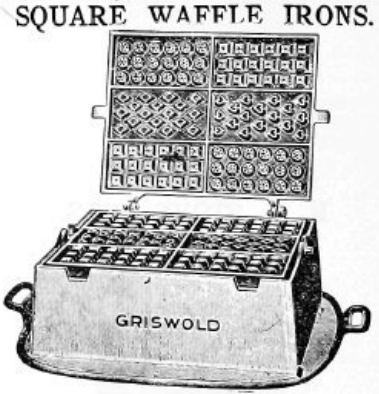
FRENCH WAFFLE IRONS.

No. 68.

Japanned Rim, Wood Handle.

Nos	67	68	69
Size of frame	11×12	12×15	12×20 in
Sets of pans	2	3	4
Size of pans	4×9	4×9	4×9 in.
W't per doz.	186	288	360 lbs.
Per dozen	$27.00	40.50	54.00

SQUARE WAFFLE IRONS.



No. 00.

Nos	2	1
Size of pan	7½×4¾	8¾×5 in.
No. of cakes	3	3
Size of cake	4½×2⅜	4⅞×2¾
W't per doz.	100	160 lbs.
Per dozen	$15.00	18.50
Nos	**0**	**00**
Size of pan	9¾×6	10×7¾ in.
No. of cakes	4	6
Size of cake	4¾×2¾	4⅞×2⅜ in.
W't per doz.	198	244 lbs.
Per dozen	$24.50	29.00

CAST HOLLOW WARE.

R. B. STOVE KETTLES.

GROUND Inside.

Nos	7	8	9
Diameter	9	10	11 in.
Weight	6½	8	10 lbs.
Each	$0.65	.70	.85

R. B. STOVE KETTLES.

ENAMELED White Inside.

Nos	8	9
Diameter	10	11 in.
Weight	9	11 lbs.
Each	$0.70	.85

SCOTCH BOWLS.

GROUND Inside.

Nos	2	3
Diameter	9	10 in.
Weight	4	5 lbs.
Each	$0.40	.45

Nos	4	5	6
Diameter	11	12	13 in.
Weight	5¾	7	8 lbs.
Each	$0.50	.60	.70

ENAMELED White Inside.

Nos	2	3	4
Diameter	9	10	10½ in.
Weight	4½	5½	6¼ lbs.
Each	$0.40	.45	.50

Nos	5	6
Diameter	11½	12 in.
Weight	7	10½ lbs.
Each	$0.60	.70

FLAT STOVE KETTLES.

GROUND Inside.

Nos	8	9
Diameter	10	11 in.
Weight	6½	10 lbs.
Each	$0.70	.85

FLAT STOVE KETTLES.

ENAMELED White Inside.

Nos	8	9
Diameter	10	11 in.
Weight	7	10 lbs.
Each	$0.70	.85

BELLIED SAUCE PANS.

Enameled White Inside, Tin Cover.

Pints	2	4	6
Weight	3	4	5 lbs.
Each	$0.48	.63	.73

Pints	8	10	12
Weight	5½	7	7½ lbs.
Each	$0.84	.96	1.11

Pints	14	16	20
Weight	8	8½	11½ lbs.
Each	$1.21	1.31	1.56

R. B. STOVE POTS.

GROUND Inside.

Nos	8	9
Diameter	10	11 in.
Weight	9¾	12 lbs.
Each	$0.85	1.00

R. B. STOVE POTS.

ENAMELED White Inside.

Nos	8	9
Diameter	10	11 in.
Weight	10	13 lbs.
Each	$0.85	1.00

TEA KETTLES.

UNGROUND, Duck Neck, Swing Cover, Enameled Wood Handle.

Nos	8	9
Weight	9	11 lbs.
Each	$0.90	1.00

CAST HOLLOW WARE.

SPIDERS.

GROUND Inside.

Nos	7	8	9	10	12
Diameter	9½	10½	11⅜	11¾	13⅜ in.
Weight	3	4	4½	5½	6 lbs.
Each	$0.30	.35	.40	.50	.70

ENAMELED White Inside.

Nos	8	9
Diameter	10½	11⅜ in.
Weight	4	5 lbs.
Each	$0.35	.40

HANDLED CAKE GRIDDLES.

Ground.

Nos	8	9
Diameter	10	11 in.
Weight	2½	4 lbs.
Each	$0.27	.30

BAILED CAKE GRIDDLES.

Ground.

Nos	12	14	16
Diameter	12	14	16 in.
Weight	5	7	10 lbs.
Each	$0.50	.65	.80

LONG CAKE GRIDDLES.

UNGROUND.

Nos	78	79	99
Size	10½×21	11¼×22¼	14×26 in.
Weight	7	7½	17 lbs.
Each	$0.60	.75	2.00

No. 99 is square corner similar to long griddles shown on page 897.

ENAMELED White.

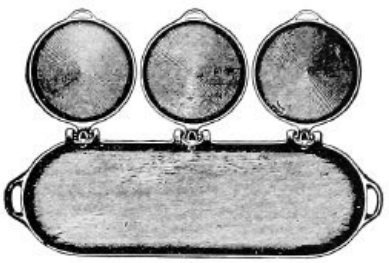
Nos	8	9
Size	10½×21	11¼×22¼ in.
Weight	6½	8 lbs.
Each	$0.60	.75

IRON HEATERS.

Unground.

Nos	48	49
Size	10×19	11×22 in.
Weight	7	10 lbs.
Each	$0.60	.75

SCHOFIELD'S CAKE GRIDDLES.

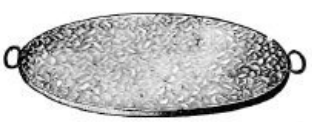


No. 3.

No. 3—Cast, 14¾×4¾ in., 3 pans, w't per doz. 48 lbs. . . . . per dozen $12.00
No. 4—Cast, 20×4¾ in., 4 pans, w't per doz. 70 lbs. . . . . per dozen 15.00
No. 5—Steel, 16×5¼ in., 3 pans, w't per doz. 24 lbs. . . . . per dozen 4.50

ONE DOZEN IN A CASE.

SOAPSTONE GRIDDLES.



Round, Metal Rim, Loop Handles.

Nos	10	12
Diameter	10	12 in.
W't per doz.	66	105 lbs.
Per dozen	$8.75	12.50
Nos	**14**	**16**
Diameter	14	16 in.
W't per doz.	138	180 lbs.
Per dozen	$16.25	18.75

Oblong, Metal Rim, Loop Handles.

Nos	13	20	22
Size	9×18	10×20	11×22 in.
W't per doz.	126	165	216 lbs.
Per dozen	$15.00	18.75	22.50

EGG POACHERS.

No. 6—Diameter 9⅜ in., w't per doz. 78 lbs. . . . . per dozen $14.50

GEM PANS.

No. 2—Large, round biscuit, 11 pans, 3¼ in., w't per doz. 45 lbs. . . . . per dozen $6.00

ONE DOZEN IN A BUNDLE.

No. 4—Long, oval, 8 pans, French roll, 2⅜×4½ in., w't per doz. 48 lbs., per dozen $6.00

ONE DOZEN IN A BUNDLE.

No. 6—Small, oblong, 12 pans, 2×3 in., w't per doz. 42 lbs. . . . . per dozen $6.00

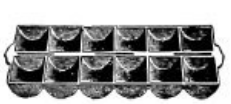
ONE DOZEN IN A BUNDLE.

No. 8—Small, oval, 11 pans, 2¼×3¼ in., w't per doz. 39 lbs. . . . . per dozen $6.00

ONE DOZEN IN A BUNDLE.

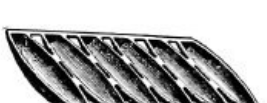
No. 10—Deep, round, 11 pans, corn bread, 2¾ in., w't per doz. 72 lbs. . . per dozen $7.50

ONE DOZEN IN A BUNDLE.



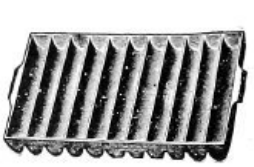
No. 11—Round bottom, 12 pans, square end, French roll, 2×3¼ in., w't per doz. 56 lbs. . . . . per dozen $6.00

ONE DOZEN IN A BUNDLE.



No. 16—6⅝×12¼ in., Vienna roll, 6 pans, w't per doz. 39 lbs. . . . . per dozen $7.50

ONE DOZEN IN A BUNDLE.



No. 22—7¼×13¼ in., bread sticks, 11 pans, w't per doz. 62 lbs. . . . . per dozen $7.50

ONE DOZEN IN A BUNDLE.

HOLLOW WARE.

COPPER KETTLES.

Hand Made, Hammered, Iron Bail.

Gallons	10	15	18	20
Diameter	16	18	20	21 in.
Weight	13	15	23	25 lbs.
Gallons	**25**	**30**	**35**	**40**
Diameter	23	24½	25½	27½ in.
Weight	32	38	42	50 lbs.
Per pound				$0.45

BRASS KETTLES.

Spun Brass, Wire Bail.

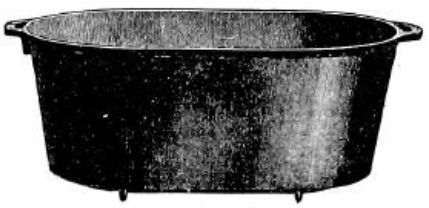
Diameter	7	8	9	10	11 in.
Gallons	½	1	1½	2	2½
Weight	1	1½	2	2½	3 lbs.
Each	$0.43	.64	1.07	1.28	1.50
Diameter	**12**	**13**	**14**	**15**	**16 in.**
Gallons	3	4	4½	5	6
Weight	4	4½	6	6½	7½ lbs.
Each	$1.71	2.14	2.46	2.78	3.21
Diameter		**17**	**18**	**19**	**20 in.**
Gallons		8	10	12	14
Weight		8½	10½	12	15 lbs.
Each		$3.85	4.85	5.81	7.67

MASLIN KETTLES.

Enameled White Inside.

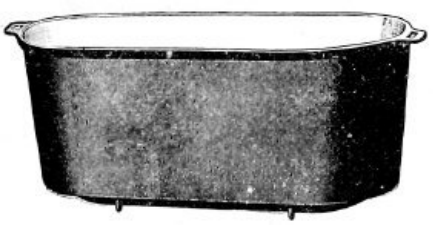
Quarts	3	4	6	8
Diameter	8	9	10	11 in.
Weight	4¼	5	7	8½ lbs.
Each	$0.65	.75	1.10	1.30
Quarts		**10**	**12**	**16**
Diameter		11½	12½	13½ in.
Weight		10	11½	15 lbs.
Each		$1.40	1.50	2.00

CAST HAM BOILERS.



UNGROUND.

Nos	8	9
Size	12×22½×9½	13×24×10½ in.
Weight	23	26½ lbs.
Each	$2.25	2.50



ENAMELED White Inside.

Nos	8	9
Size	12×22½×9½	13×24×10½ in.
Weight	25	29 lbs.
Each	$2.25	2.50

MORTARS AND PESTLES.

Cast Iron, Ground Inside.

No. 1—Capacity	1 pt.	1 qt.
Weight	4½	6½ lbs.
Each	$0.50	.75
No. 1—Capacity	**2 qt.**	**1 gal.**
Weight	11½	16½ lbs.
Each	$1.00	2.00

CAST BAKE OVENS.

SHALLOW, with Bail and Cover.

Nos	3	2	1
Diameter	10	11	12 in.
Weight	11	13½	15 lbs
Each	$1.20	1.30	1.50

DEEP, with Bail and Cover.

Nos	13	12	11	10
Diameter	10	11	12	14 in.
Weight	13	14	17	25 lbs
Each	$1.30	1.40	1.75	2.50

GLUE POTS.

Cast Iron, TINNED Inside.

Nos	00	0	1
Pints	¾	1	1½
W't per doz.	36	48	54 lbs.
Per dozen	$5.50	6.00	6.75
Nos	**2**	**3**	**4**
Pints	2	2½	4
W't per doz.	63	84	96 lbs.
Per dozen	$8.40	10.26	12.42
Nos		**5**	**6**
Pints		4½	5
W't per doz.		111	144 lbs.
Per dozen		$14.58	16.94

Cast Iron, ENAMELED Inside.

Nos	00E	0E	1E
Pints	¾	1	1½
W't per doz.	36	48	54 lbs.
Per dozen	$5.50	6.00	6.75
Nos		**2E**	**3E**
Pints		2	2½
W't per doz.		63	84 lbs.
Per dozen		$8.40	10.26

STRAINERS, SKIMMERS, FRYING BASKETS, ETC.

SPOUT STRAINERS.

Nos. 57 and 5. No. 25.

No. 57—1¾ in., bright wire, tin rim, per dozen..... $0.80
ONE DOZEN IN A BOX.

No. 5—1¾ in., extra quality bright wire, tin rim.....per dozen 2.00
ONE DOZEN IN A BOX.

No. 25—Dripless, nickel plated brass, heavy wire strainer, spring wire clamp, fits any spout.....per dozen 3.00
ONE DOZEN ON AN EASEL BACK CARD.

TEA OR COFFEE STRAINERS.

No. 00—3½ in., tin rim and handle, 2 in. tinned wire strainer.....per dozen $0.45
ONE DOZEN IN A PACKAGE.

Tinned Wire Handle, Twisted Shank, with Cup Rest, Tinned Wire Strainer.

Nos.	11	12	13
Diameter	2½	3¼	4¼ in.
Per dozen	$0.45	.70	.90

ONE DOZEN IN A BOX.

Tin Rim, Twisted Wire Shank, Black Enameled Wood Handle, with Cup Rest, Tinned Wire Strainer.

Nos.	01	02	03
Diameter	2½	2¾	3¼ in.
Per dozen	$0.70	.90	1.10

ONE DOZEN IN BOX.

Tin Rim, Twisted Wire Shank, Black Enameled Wood Handle, Hinged Wire Cup Rest, Tinned Wire Strainer.

Nos.	1	2	3
Diameter	2½	3⅛	3⅞ in.
Per dozen	$1.20	1.80	2.50

ONE DOZEN IN BOX.

No. 148—2⅜ in., planished tin rim and shank, black enameled wood handle, close mesh tinned wire strainer, per dozen..... $1.50
ONE DOZEN IN PACKAGE.

TEA OR COFFEE BALLS.

Fine Mesh Tinned Wire Strainers, Tin Rims, Hinged with Clasp.

Nos.	1	2
Diameter	1¾	2⅛ in.
Per dozen	$2.50	3.50

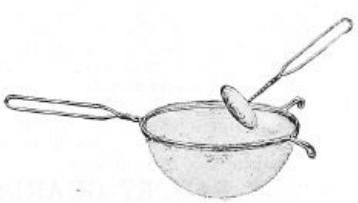
ONE DOZEN IN BOX.

BOWL STRAINERS.

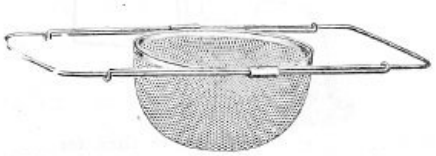
No. 1—4 in. tinned wire strainer, tin rim, wire handle and rest.....per dozen $1.50
ONE DOZEN IN BOX.

No. 2—5 in. tinned wire strainer, tin rim, strong twisted wire handle, two wire rests.....per dozen $2.50
ONE DOZEN IN PACKAGE.

No. 4—5½ in. heavy tinned wire strainer, extra heavy tin rim, two wire rests, strong twisted wire shank, with black enameled wood handle.....per dozen $3.50
ONE DOZEN IN BOX.



No. 022—FRUIT, tin rim, extra heavy wire bowl, diameter 6½ in., tinned masher, w't per doz. 4 lbs....per dozen $4.00
Superior to a colander in preparing soup and straining fruit and berries.
ONE DOZEN IN A PACKAGE.



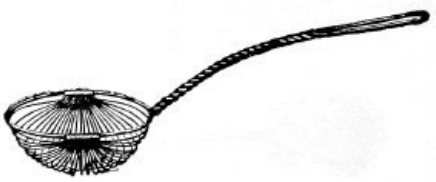
Extension Frame, Fine Mesh Tinned Wire Strainer, Tin Rim.

Nos.	1	2	3
Diameter	5	6	8 in.
W't per doz.	4¼	4½	5½ lbs.
Per dozen	$4.00	6.00	9.00

ONE DOZEN IN BOX.

WIRE SKIMMERS.

No. 1—4¼ in. tinned wire bowl, stained wood handle, w't per doz. 2 lbs., per dozen..... $1.25
ONE DOZEN IN A PACKAGE.



No. 35—5 in. heavy tinned wire bowl, strong twisted wire handle, w't per doz. 14 lbs.....per dozen $4.25
ONE DOZEN IN A PACKAGE.

FRYING BASKETS.

Extra Heavy Tinned Wire, Heavy Tin Rim, Twisted Wire Shank with Cold Handle.

Nos.	208	209	210
Size	8×2½	9×3	10×3 in
W't per doz.	8¼	9½	12 lbs
Per dozen	$4.00	5.00	6.00

HALF DOZEN IN A PACKAGE.

FRIERS AND BERRY WASHERS.

No. 2—Tin rim, heavy tinned wire basket, spring guard on bail to hold it in upright position, w't per doz. 6 lbs...per dozen $3.50
This is a well made article and can be used for many purposes, a splendid frying basket and potato fryer.
ONE DOZEN IN A PACKAGE.

VEGETABLE BOILERS.

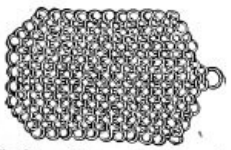
Retinned Wire, Braced in Side and Bottom, Wire Bail.

Nos.	2	3	4
Diameter	7	8	9 in
W't per doz.	2½	3½	4 lbs.
Per dozen	$2.50	2.85	3.25

ONE DOZEN IN A PACKAGE.

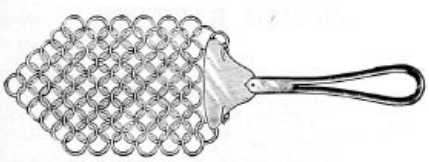
SINK SUNDRIES.

POT CLEANERS.

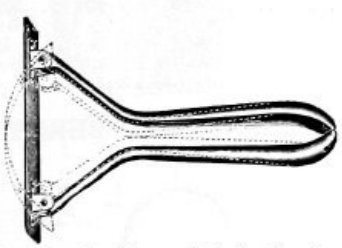


No. 1—4×6 in., coppered wire, double ring to prevent unraveling...per dozen $1.00
No. 2—5×7 in., coppered wire, double ring to prevent unraveling...per dozen 1.35
ONE DOZEN IN A PACKAGE.

No. 3—Round, coppered wire with 6½ in. tinned wire handle.....per dozen $1.50
ONE DOZEN IN A PACKAGE.



No. 14—3½×6 in., tinned wire rings, with nickel plated handle and scraping blade.....per dozen $2.00
ONE DOZEN IN A BOX



No. 15—3 in., flexible steel blade, tinned steel handle, slight pressure causes the blade to conform itself to surface to be cleaned, w't per doz. 2 lbs...per dozen $1.75
ONE DOZEN IN A BOX.

No. 6—2¼ in., rubber scraper securely held between bright tin supports, black enameled wood handle, for plates, pots, sink, etc., w't per doz. 2¾ lbs., per dozen..... $2.00
ONE DOZEN IN A BOX.

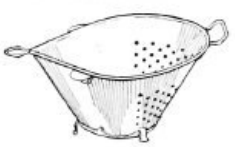
SINK CLEANERS.

No. 5—Japanned, rubber edge, 4 in. blade, length 7¾ in., w't per doz. 2½ lbs.....per dozen $0.80
ONE DOZEN IN A PACKAGE.

DISH DRAINERS.

No. 1—Retinned wire, 12×16×3½ in., cross wires 1¼ in. apart, 5 feet, w't per doz. 5¾ lbs.....per dozen $2.50
No. 2—Retinned wire, 12×16×3½ in., cross wires ¾ in. apart, 5 feet, w't per doz. 7 lbs.....per dozen 3.25
No. 3—Retinned wire, 12×16×3½ in., cross wires ½ in. apart, 5 feet, w't per doz. 8½ lbs.....per dozen 3.50
ONE DOZEN IN A PACKAGE.

SINK STRAINERS.



No. 122—9×8½×4½ in., blue japanned heavy steel perforated bottom, with 3 feet, w't per doz. 4 lbs.....per dozen $4.00

Showing Strainer hung in corner of sink. Showing Strainer mounted on wire stand.

Vrooman.

No. 1—Bright tin, small size 9×8×4 in., deep without stands, w't per doz. 4½ lbs.....per dozen $3.00
No. 2—Japanned tin, large size 10×9½×5 in., deep, without stands, w't per doz 6 lbs.....per dozen 3.50
No. 4—Enameled steel, mottled gray inside and out, large size 10×9½×5 in., deep, w't per doz. 6 lbs.....per dozen 5.90
No. 6—Enameled steel, blue outside, white inside, large size 10×9½×5 in., deep, w't per doz. 6 lbs.....per dozen 8.40
ONE DOZEN IN A BOX.

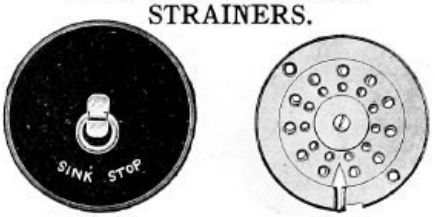
Sink Strainer Stands.

No. 3—Vrooman stands, bright wire, for either size strainers where they cannot be hung in corner of sink....per dozen $0.60
ONE DOZEN IN A BUNDLE.

RUBBER FAUCET GUARDS.

Rubber Faucet Guards, in two sizes, for both hot and cold faucets....per dozen $1.50
Saves your china. It consists of a rubber cushion which slips over end of faucet (see cut) and prevents anything in hand from striking the metal of the faucet.
TWO DOZEN ASSORTED ON DISPLAY CARD. WE DO NOT BREAK CARDS.

SINK STOPPERS AND STRAINERS.



No. 9. No. 8.

No. 9—Rubber plate, fits any sink, converts sink into a dish pan or wash tub, w't per doz. 1¼ lbs.....per dozen $4.00
ONE DOZEN IN A BOX.

Strainer and Plug Combined.

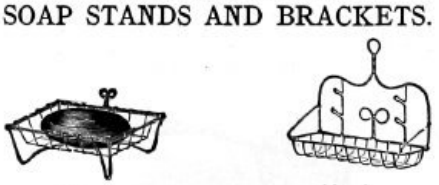
No. 8—Diameter...	**4½**	**4⅝**	**4¾in.**
W't per doz.....	2½	2¾	3 lbs.
Per dozen.....	$10.00	10.00	10.00

Made entirely of brass and nickel plated, will not rust and lasts a lifetime. When strainer is closed sink may be filled with water and used for washing dishes; it also prevents gas from escaping. Strainer can be opened or closed by turning top plate with finger. In case of stoppage, center plate may be removed and hose inserted, thoroughly cleaning pipe. It is made to fit in place of regular sink plate.
HALF DOZEN IN A BOX.

SOAP HOLDERS.

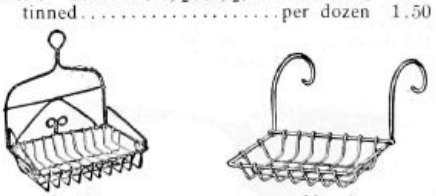
No. 1—Tin body, wire cloth top and bottom, wire handle, diameter 2⅜ in., per dozen..... $1.25
ONE DOZEN IN A PACKAGE.

SOAP STANDS AND BRACKETS.



No. 3. No. 0.

No. 3—Stands, 5×3½ in., tinned wire rack with feet, or hook for hanging, per dozen..... $1.00
No. 0—Brackets, 6½×3½, twisted wire, tinned.....per dozen 1.50



No. 2. No. 4.

No. 2—6½×3½ in., bracket, twisted wire, tinned, with rack for tooth brushes, w't per doz. 2 lbs. ...per dozen $1.50
No. 4—5×3½ in., bracket, tinned wire, back can be bent to fit any bath tub, per dozen..... 1.50
ONE DOZEN IN A BOX.

SPONGE BASKETS.

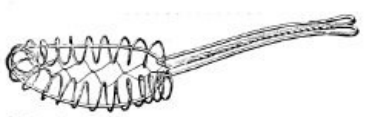
No. 1—7×4×4 in., deep, twisted wire, tinned, with loop for hanging, per dozen..... $1.25
ONE DOZEN IN A BOX.

EGG BEATERS, WHIPS, SEPARATORS, ETC.

EGG BEATERS OR WHIPS.

No. 8—SUPRISE, tinned wire, length 10½ in.....per dozen $0.25
No. 80—SUPRISE, heavy tinned wire, length 10½ in.....per dozen .70
ONE DOZEN IN A PACKAGE.

No. 88—SUPRISE, heavy tinned wire, twisted wire shank, coil handle, length 10½ in.....per dozen $0.75
ONE DOZEN IN A PACKAGE.



No. 888—IMPROVED SURPRISE, heavy tinned wire, spiral wire edge, stiff handle, per dozen..... $0.80
ONE DOZEN IN A PACKAGE.

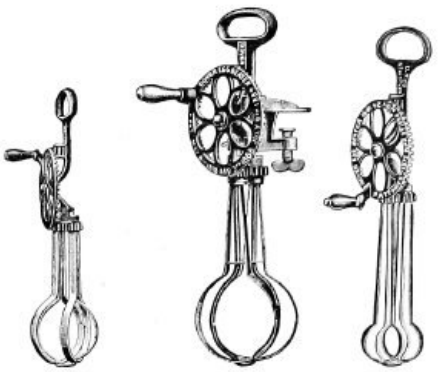
No. 5—Spoon, beater and lifter, tinned wire, tin shank, stained wood handle, length 12 in.....per dozen $0.75
ONE DOZEN IN A PACKAGE.

No. 20—VAN DUSEN, family size, stamped tin, length 11 in.....per dozen $0.60
No. 22—VAN DUSEN, hotel size, stamped tin, length 12½ in.....per dozen 1.20
Although known as egg beaters, the above are especially adapted for mixing cake batter and whipping cream.
ONE DOZEN IN A PACKAGE.

No. 15—Spiral jumper, tinned spring wire, wood handle, length 8 in., per dozen..... $0.75
ONE DOZEN IN A BOX.

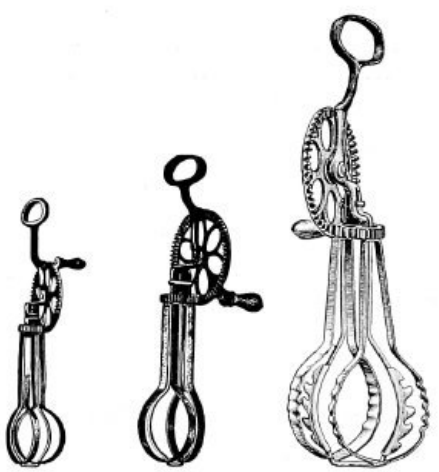
French, Tinned Wire, Smooth Wire Bound Handle.
No. 12—Family, length 12 in., w't per doz. 4 lbs.....per dozen $2.75
No. 120—Heavy hotel, length 14 in., w't per doz. 5½ lbs.....per dozen 6.00
No. 140—Heavy hotel, length 14 in., w't per doz. 7 lbs.....per dozen 7.50
No. 160—Heavy hotel, length 16 in., w't per doz. 8 lbs.....per dozen 9.00
No. 180—Heavy hotel, length 18 in., w't per doz. 12 lbs.....per dozen 10.00
No. 200—Heavy hotel, length 20 in., w't per doz. 14 lbs.....per dozen 11.00
ONE DOZEN IN A PACKAGE.

EGG BEATERS.



Nos. 25 to 35½. No. 45. No. 37.

No. 25—Genuine Family DOVER, cast handle, auxiliary cog wheel to steady main drive wheel, length 10 in., w't per doz. 6 lbs.....per dozen $2.00
No. 35—Large, Genuine DOVER, cast handle, auxiliary cog wheel to steady main drive wheel, length 12½ in., w't per doz. 11 lbs.....per dozen 5.00
No. 35½—Genuine DOVER, with detachable table clamp, otherwise same as No. 35, w't per doz. 18 lbs.....per dozen 6.00
No. 45—Genuine Hotel DOVER, cast handle, reinforced agitators, with table clamp, length 16 in., w't per doz. 50 lbs., per dozen..... 55.00
No. 37—Tumbler, full size cast handle and drive wheel, small nickel plated agitators, will rotate freely within 2-in. tumbler, length 10 in., w't per doz. 4½ lbs.....per dozen 2.00
ONE DOZEN IN A BOX.



Nos. 6 to 16. No. 116. No. 27.

No. 6—DOVER, cast handles, deep gears, length 8½ in., w't per doz. 3½ lbs.....per dozen $1.20
No. 16—DOVER, cast handles, deep gears, length 9½ in, w't per doz. 5 lbs., per dozen..... 1.75
No. 116—DOVER, large, cast handle, deep gears, length 12½ in., w't per doz. 11 lbs.....per dozen 4.00
No. 27—HOLT'S, cast handle and drive wheel, flared agitators, fluted wings attached to guide wires, a very rapid beater, also can excellent cream whip, length 10 in., w't per doz. 6 lbs., per dozen..... 1.75
ONE DOZEN IN A BOX.

EGG SEPARATORS.

No. 33—3½ in. bowl, just large enough to hold the yolk of an egg, allowing the white portion to drain through slots, w't per doz. 1 lb.....per dozen $1.25
ONE DOZEN IN A PACKAGE.

CREAM WHIPS.

No. 1—DUNLAP, perforated steel agitator, steel drive wheel, wood handle, very rapid, length 14 in., with 8 in. glazed stoneware bowl, w't per doz. 30 lbs., per dozen..... $15.00
For whipping cream this article is unequalled. Will whip cream so stiff that it can be cut in slices.
ONE IN A BOX.

CHURNS OR WHIPS.

No.02—Tin cylinder, 2½×5½ in., perforated tin dasher, w't per doz. 7 lbs., per dozen..... $1.00
ONE DOZEN IN A PACKAGE.

TEA OR COFFEE POT STANDS.

No. 12. No. 18.

No. 12—6¼ in., 12 twisted wires, tinned, w't per doz. 1 lb.....per dozen $0.80
No. 18—6¼ in., 18 twisted wires, tinned, w't per doz. 1¼ lbs.....per dozen 1.20
ONE DOZEN IN A BOX.

No. 45. No. 145.

No. 45—6×6 in., tile top, assorted colors and decorations, mounted in tinned wire frame, w't per doz. 18 lbs., per dozen..... $6.50
No. 145—6×6 in., tile top, assorted colors and decorations, mounted in dead black venetian iron frame, w't per doz. 18 lbs.....per dozen 8.50
ONE-SIXTH DOZEN IN A BOX.

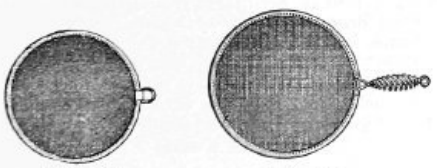
TOASTERS, BROILERS AND POTATO MASHERS.

STOVE MATS.

No. 7—8½ in., asbestos, tin rim, ringed, per dozen $0.50
No. 17—9 in., asbestos, ⅛ in. thick, tin, rim. .....per dozen .70
ONE DOZEN IN A PACKAGE.

TOASTERS.

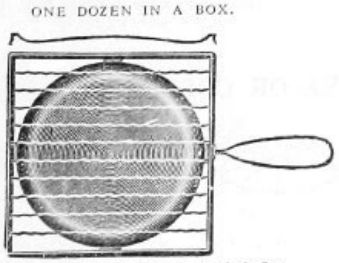
No. 48—Coppered wire, length 18 in., stained wood handle, w't per doz. 2½ lbs.....per dozen $1.00
ONE DOZEN IN A PACKAGE.



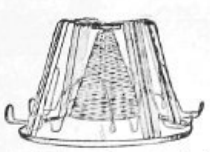
No. 100. No. 101.

No. 100—9 in., asbestos, tin rim, ringed, wire cloth tops, w't per doz. 3½ lbs., per dozen $1.25
No. 101—9 in., asbestos, steel bottom, wire cloth top, tin rim, cold handle, w't per doz. 6½ lbs.....per dozen 2.50
ONE DOZEN IN A BOX.

No. 105—9×9 in., stamped steel bottom, with conical perforations which direct all the heat excluding flame, wire top, and handle, w't per doz. 7 lbs., per dozen..... $3.00
ONE DOZEN IN A BOX.

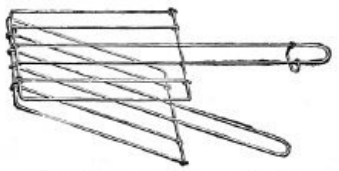


No. 107—10×10 in., stamped steel deflector, concaved to distribute heat evenly, crimped wire top, metal rim and wire handle, w't per doz. 12 lbs...per dozen $6.00
ONE DOZEN IN A BOX.



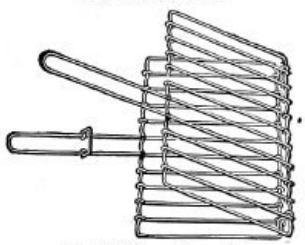
No. 103—JIM'S, 8 in., improved round base, height 5 in., high steel frame, wire cone center, turns red hot in flame and acts as bed of coal, for gas or gasoline stoves, w't per doz. 10½ lbs., per dozen..... $6.00

TOASTERS OR BROILERS.



No. A—Light wire, tinned, 6 in. wide, 8 in. long, wire handle, w't per doz. 3½ lbs.....per dozen $1.30
ONE DOZEN IN A PACKAGE.

BROILERS.



Light Wire, Tinned.

Nos.	1	2
Width.	8	10 in.
Length.	9	9 in.
W't per doz.	5	5¾ lbs.
Per dozen.	$2.75	3.00
Nos.	**3**	**4**
Width.	12	14 in.
Length.	9	9 in.
W't per doz.	6¼	6½ lbs.
Per dozen.	$3.25	3.50

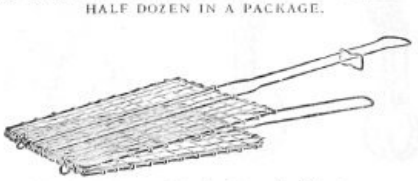
Heavy Wire, Tinned.

Nos.	10	11	12
Width.	6	8	10 in.
Length.	9	9	9 in.
W't per doz.	5¼	6½	7¼ lbs.
Per dozen.	$3.00	3.50	4.00
Nos.	**13**		**14**
Width.	12		14 in.
Length.	9		9 in.
W't per doz.	8¼		9½ lbs.
Per dozen.	$5.00		6.00

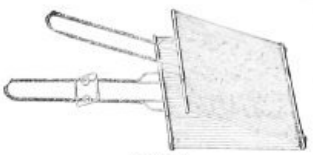
Hotel, Extra Heavy Wire, Tinned.

Nos.	22	23	24
Width.	10	12	14 in.
Length.	8	9	10 in.
W't per doz.	18½	22	26½ lbs.
Per dozen.	$9.50	11.00	12.50

HALF DOZEN IN A PACKAGE.

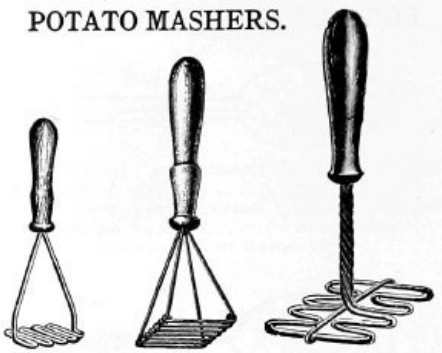


No. 41—8×9 in., Checkerboard, ½ in. mesh, woven wire, tinned, w't per doz. 7 lbs.....per dozen $4.00
ONE DOZEN IN A PACKAGE.



Oyster.
No. 32—Tinned, width 10 in., length 9 in., wire ¼ in. apart, w't per doz. 12½ lbs.....per dozen $7.00
HALF DOZEN IN A PACKAGE.

POTATO MASHERS.

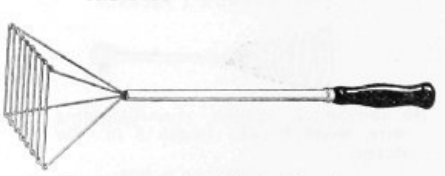


Nos. 11 and 111. Nos. 12 and 112. Nos. 9 and 99.

No. 11—No. 11 tinned wire, stained wood handle, length 9 in., w't per doz. 2 lbs.....per dozen $0.50
No. 111—No. 7 tinned wire, very rigid, stained wood handle, length 11 in., w't per doz. 5 lbs.....per dozen 1.25
No. 12—No. 12 tinned wire, stained wood handle, length 11 in., w't per doz. 3 lbs.....per dozen .80
No. 112—Heavy, No. 10 tinned wire, stained wood handle, length 11 in., w't per doz. 4 lbs.....per dozen 1.25
No. 9—Tinned No. 11 wire, twisted shank, stained wood handles, length 8½ in., w't per doz. 2½ lbs.....per dozen 1.25
No. 99—Heavy, No. 10 tinned wire, twisted shank, stained handle, length 10 in., w't per doz. 4 lbs.....per dozen 1.75
ONE DOZEN IN A PACKAGE.

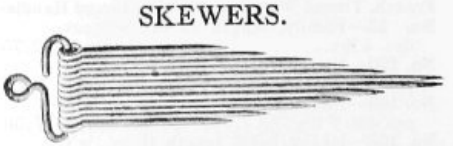
No. 7. No. 10.

No. 7—Plain, 3 in. perforated steel plate, plain wood handle, length 9 in., w't per doz. 3½ lbs.....per dozen $0.90
No. 10—Tinned, 3 in., slotted steel plate, enameled wood handle, length 7½ in., w't per doz. 3½ lbs.....per dozen 1.00
ONE DOZEN IN A PACKAGE.



No. 13—Extra heavy hotel, tinned wire, head 4¼×4¼ in., wrought pipe shank, wood handle, length 20 in., w't per doz. 12 lbs.....per dozen $2.50
HALF DOZEN IN A PACKAGE.

SKEWERS.



Needle Points, Assorted 2½ to 6 Inches.
No. 1—Tinned, w't per doz. sets 2¼ lbs., per dozen sets..... $3.60
No. 3—Plolished steel, w't per doz. sets 2¼ lbs.....per dozen sets 3.60
ONE DOZEN IN A PACKAGE.

CORN POPPERS, DISH COVERS, FLY KILLERS, ETC.

CORN POPPERS.

No. 3—1 qt., round tin lid, diameter 6 in., w't per doz. 6 lbs.....per dozen $2.25
HALF GROSS IN A CASE.

Square, Wire Lid.

No. 1—1 qt., size 6¾×4¾×2¼ in., w't per doz. 5 lbs.....per dozen $2.00
No. 6—1½ qt., size 7½×5×2½ in., w't per doz. 6 lbs.....per dozen 2.50
HALF GROSS IN A CASE.
No. 7—2 qt., size 9×6½×3 in., w't per doz. 8 lbs.....per dozen 3.00
No. 8—4 qt., size 12×8×3½ in., w't per doz. 14 lbs.....per dozen 6.00
No. 18—8 qt., size 16×13×5 in., heavy bound, with 36 in. handle, strapped, w't per doz. 44 lbs.....per dozen 40.00
NO. 7, THREE DOZEN, NO. 8, TWO DOZEN; BALANCE, ONE DOZEN IN A CASE.

No. 4—2 qt., size 6¾×5¼×5 in., reversible, each side holds 1 qt., w't per doz. 8 lbs.....per dozen $3.50
By reversing, the unpopped corn drops into the lower section and can be then popped without burning the finished corn.
ONE DOZEN IN A CASE.

No. 10—PERFECTION, 7½×5½×2½ in., capacity 1 qt., automatic locking device, w't per doz. 13 lbs.....per dozen $4.00
The automatic locking device is operated by thumb attachment on handle. This feature makes it possible to open and close cover without burning the hands. The lid is made of wide mesh wire cloth to screen out the corn which won't pop.
ONE DOZEN IN A CRATE.

STEEL CORN POPPERS.

No. 25—4 qt., 9×7×3½ in., smooth sheet steel body, cover and handle, w't per doz. 9 lbs.....per dozen $6.00
Can use over flame, and butter while popping. The unpopped corn can be thrown out through holes in lid.
ONE DOZEN IN A BOX.

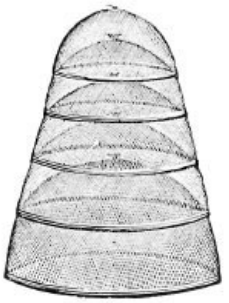
MILK BOTTLE CARRIERS.

No. 123—9×13½×2½ in. heavy wire, tinned after being made which solders all the joints, rigid wire handle, holds 6 quart bottles, w't per doz. 24 lbs., per dozen..... $9.00
ONE DOZEN IN A CASE.

FLY PAPER.

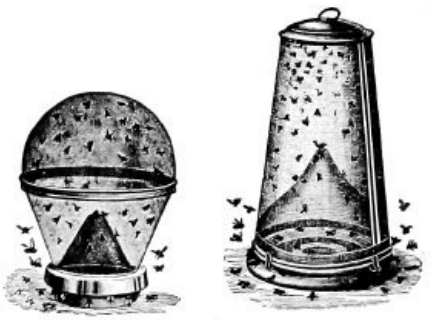
No. 1—Box of 25, 9×16 in. double sheets, per box..... $0.75
No. 2—Case of 10 boxes.....per case 6.00

DISH COVERS.



No. 54—Blued wire, enameled knob, in nests of five (6 to 10 in.), w't per doz. nests 21 lbs.....per dozen nests $9.00

FLY TRAPS.



Balloon. Harper.

No. 70—BALLOON, tinned wire, height 7 in., w't per doz. 6 lbs.....per dozen $2.50
No. 60—HARPER, green wire, height 9 in., w't per doz. 8 lbs.....per dozen 2.75
ONE DOZEN IN A BOX.

FLY KILLERS.

No. 3—Wire cloth, hemmed edges, twisted wire handle, w't per doz. 1 lb., per dozen $0.90
ONE DOZEN IN A BUNDLE.

No. 5—Wire cloth, hemmed edges, wood handle, 16 in. long, w't per doz. 1½ lbs., per dozen..... $1.40
ONE DOZEN IN A BOX.

No. 7—16 in., enameled handle, spring steel plated wire, w't per doz. 1¾ lbs., per dozen..... $1.75
ONE DOZEN IN A BOX.

Daisy, lithographed tin, 3½×6 in., filled with poison which is absorbed by the felt centers of the daisies, w't per doz. 1 lb., per dozen..... $3.00
Attractive in appearance, cleanly in use, and very effective as a fly killer.
ONE DOZEN IN A BOX.

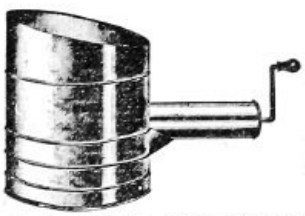
FLOUR SIFTERS, RIDDLES, SAND SCREENS, ETC.

FLOUR SIFTERS.

No. 0—Tin rim, flat handle, wire bottom, diam. 5¾ in., depth 2⅜ in., wire agitator, w't per doz. 8 lbs.....per dozen $1.25
ONE DOZEN IN A CASE.

No. 1—Tin rim, round handle, wire cloth bottom, diam. 6½ in., depth 3⅝ in., with removable wire agitator, w't per doz. 9 lbs.....per dozen $2.20
ONE DOZEN IN A CASE.

No. 3—Side crank, tin body, wire cloth bottom, tinned wire agitator, w't per doz. 11 lbs.....per dozen $2.25
ONE DOZEN IN A CASE.



No. 4—Hunter pattern, bright tin body and handle, wire cloth bottom, wire agitator, w't per doz. 10 lbs..per dozen $2.20
No. 6—EXTRA, Hunter pattern, large, IX tin, polished, well made, w't per doz. 12 lbs.....per dozen 3.00
ONE DOZEN IN A CASE.

No. 65—SILVER QUEEN, Hunter pattern, extra heavy body, nickel plated, strong wire cloth bottom, tinned wire agitator, w't per doz. 14 lbs.....per dozen $4.50
ONE DOZEN IN A CASE.

FLOUR SIFTERS.

No. 33—One hand shake, bright tin body, wire cloth bottom, slight turn of handle moves agitator from side to side over entire bottom, leaves one hand free for mixing, w't per doz. 12½ lbs., per dozen $4.50
ONE DOZEN IN A CASE.

FLOUR SIEVES.

Bright Tin Rim, Plain Wire Cloth Bottom, with Supporting Cross Wires.

No. 0116—Diam. 10 in., 16 mesh, w't per doz. 11 lbs.....per dozen $2.00

Diameter 12 Inches.

Nos.	114	116	118	120
Mesh	14	16	18	20
Per dozen	$2.50	2.60	2.75	3.00

ONE DOZEN IN A CASE. WEIGHT 12 LBS. PER DOZEN.

Plated Wire Cloth Bottom, with Supporting Cross Wires, Bright Tin Rim, Diameter 12 Inches.

Nos.	216	218	220
Mesh	16	18	20
Per dozen	$2.80	3.00	3.20

ONE DOZEN IN A CASE. WEIGHT 12 LBS. PER DOZEN.

One Piece Plain Stamped Tin, Perforated Bottom.

No. 7—CHAMPION, diam. 10 in., w't per doz. 6½ lbs.....per dozen $1.60
No. 8—CHAMPION, diam. 12 in., w't per doz. 7½ lbs.....per dozen 2.00
ONE DOZEN IN A PACKAGE.

MEAL SIEVES.

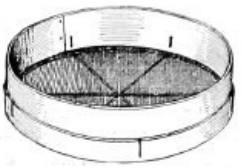
Wood Rim, Plain Wire Cloth with Cross Bars.

Nos.	16	18	20
Mesh	16	18	20
Per dozen	$2.00	2.20	2.40

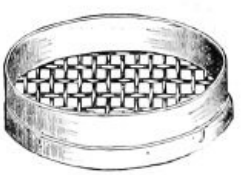
ONE DOZEN IN A BUNDLE. WEIGHT PER DOZEN 8 LBS.

No. 018—Assortment, standard 16 mesh, actual 14 mesh, consisting of 8 each of the following sizes, 10½, 11½ and 12½ in., w't 20 lbs.....per assortment $3.50
ONE ASSORTMENT IN A CRATE, NESTED.

RIDDLES.



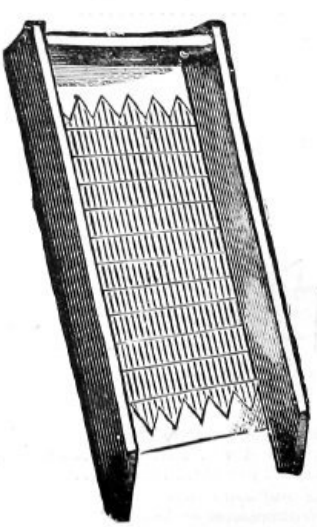
No. 15—Farmer, for sand or grain, 17 in. wood rim, black steel cloth with cross wires, 4, 5, 6, 7, 8, 10 and 12 mesh, average w't per doz. 23 lbs...per dozen $5.25
No. 25—Galvanized, for foundry use, heavy, 18 in., wood rim, galvanized cloth with cross wires, 2, 3, 4, 6 and 8 mesh, average wt' per doz. 26 lbs., per dozen..... 8.45
No. 27—Brass, for foundry use, heavy, 18 in. wood rim, brass cloth with cross wires, 4, 6 and 8 mesh, average w't per doz. 28 lbs.....per dozen 14.00
ONE DOZEN IN A BUNDLE.



For Coal.

No. 020—Extra heavy wood rim, 18 in., black wire, ½, ¾ and 1 in. mesh, average w't per doz. 48 lbs., per dozen..... $13.50
HALF DOZEN IN A BUNDLE.

SAND SCREENS.



No. 30—4 or 5 mesh, 6×2 ft., frame 1⅛ in. stuff, dressed and painted, w't 22 lbs.....each $3.00

JAPANNED BIRD CAGE ASSORTMENTS.

These cages are kiln-japanned in white and colors. No pigment composed of lead, copper or other substance which would prove injurious to birds is used. Furnished with "Peerless" flint, closed top seed cups. Each assortment is made up of nestable cages of about equal salability, which saves in the cost of package and freight, and to better protect them from damage in transit.

ASSORTMENT "F."

Nos. 16 to 20.

No. 145.

No. 116.

Assortment consists of one each of the following cages, not sold separately

No. 16—	6¼ × 8	in., ring top	each $0.95
No. 17—	7½ × 10	in., ring top	" 1.25
No. 19—	8 × 10½	in., ring top	" 1.50
No. 20—	8½ × 11¾	in., ring top	" 1.75
No. 145—	6¾ × 9¼	in., knob top	" 1.25
No. 116—	9½ × 11½	in., knob top, metal bound corners	" 2.15

Assortment "F"—The above six cages nested in a case complete with swings, perches and seed cups, w't 30 lbs.....per case 7.10

ASSORTMENT "G"

No. 67.

Nos. 24 and 120.

Nos. 142 to 144.

Assortment consists of one each of the following cages, not sold separately

No. 67—	7½ × 7½	in., ring top	each $1.00
No. 24—	8 × 8	in., knob top	" 1.20
No. 120—	10 × 10	in., knob top	" 1.90
No. 142—	8½ × 8½	in., knob top, fancy roof	" 1.50
No. 143—	9¼ × 9¼	in., knob top, fancy roof	" 1.75
No. 144—	10½ × 10½	in., knob top, fancy roof	" 2.15

Assortment "G"—The above six cages nested in case, complete with swings, perches and seed cups, w't 29 lbs.....per case 7.60

ASSORTMENT "N."

Nos. 600 to 602.

Nos. 500 to 502.

Nos. 16 to 67.

Nos. 24 and 120.

Assortment consists of one each of the following cages, not sold separately.

No. 600—	6 × 9	in., octagon corners, knob top	each $0.95
No. 601—	6¾ × 9¾	in., octagon corners, knob top	" 1.05
No. 602—	7¼ × 10½	in., octagon corners, knob top	" 1.35
No. 500—	8 × 8	in., octagon corners, knob top	" 1.30
No. 501—	8¾ × 8¾	in., octagon corners, knob top	" 1.50
No. 502—	9½ × 9½	in., octagon corners, knob top	" 1.75
No. 16—	6¼ × 8	in., square corners, ring top	" .95
No. 17—	7½ × 10	in., square corners, ring top	" 1.25
No. 19—	8 × 10½	in., square corners, ring top	" 1.50
No. 67—	7½ × 7½	in., square corners, ring top	" 1.00
No. 24—	8 × 8	in., square corners, knob top	" 1.20
No. 120—	10 × 10	in., square corners, knob top	" 1.90

Assortment "N"—The above twelve cages, nested in a case, complete with swings, perches and seed cups, w't 59 lbs.....per case 12.60

ASSORTMENT "D2"

Nos. 16 to 20.

Nos. 612 to 614.

Assortment consists of the following cages, not sold separately.

1 only No. 16—	6¼ × 8	in., ring top	each	$0.95
3 only No. 17—	7½ × 10	in., ring top	"	1.25
3 only No. 19—	8 × 10½	in., ring top	"	1.50
2 only No. 20—	8½ × 11¾	in., ring top	"	1.75
1 only No. 612—	7¼ × 10½	in., ring top	"	1.45
1 only No. 613—	7¾ × 11	in., knob top	"	1.80
1 only No. 614—	8½ × 11¾	in., knob top	"	1.60

Assortment "D2"—The above twelve cages nested in a case, complete with swings, perches, and seed cups, w't 55 lbs.....per case 14.60

THE SIZES GIVEN ARE THE INSIDE MEASUREMENTS.

BIRD CAGE ASSORTMENTS.

JAPANNED CAGES are all kiln-baked in white and colors. No pigment composed of lead, copper or other substances which would be injurious to birds is used. Furnished with "Peerless" Flint, closed top seed Cups.

BRASS CAGES are made of brass spring wire, the bottoms are stamped from one piece of brass and furnished with removable bright tin mats, and "Peerless" Opal, closed top seed cups,. Well lacquered to prevent tarnishing.

ASSORTMENTS are made up of nestable cages of about equal salability, thereby saving in cost of package and freight, and to better protect from damage in transit.

ASSORTMENT "X" MIXED.

Nos. 17 to 20.

Nos. 333 to 337.

Assortment consists of one each of the following cages, not sold separately.

No. 17—Japanned,	7½×10	in., ring top	each $1.25
No. 19—Japanned,	8 ×10½	in., ring top	" 1.50
No. 20—Japanned,	8½×11¾	in., ring top	" 1.75
No. 333—Brass,	6 × 9	in., ring top	" 1.65
No. 335—Brass,	6¾× 9¾	in., ring top	" 2.00
No. 337—Brass,	7½×10½	in., ring top	" 2.35

Assortment "X"—The above six cages nested in a case, complete with swings, perches and seed cups, w't 30 lbs.....per case 8.40

ASSORTMENT "J" BRASS.

Nos. 333 to 337.

Nos. 342 to 346.

Assortment consists of one each of the following Brass Cages, not sold separately.

No. 333—6	×9	in., ring top	each $1.65
No. 335—6¾ ×	9¾	in., ring top	" 2.00
No. 337—7½×10½		in., ring top	" 2.35
No. 342—6¾ ×	9¾	in., ring top, with railing	" 2.55
No. 344—7½×10½		in., ring top, with railing	" 2.75
No. 346—8	×11	in., ring top, with railing	" 3.35

Assortment "J"—The above six cages nested in a case, complete with swings, perches and seed cup, w't 30 lbs.....per case 11.75

ASSORTMENT "102" BRASS.

Assortment consists of the following Brass Cages.

4 only No. 335—	6¾× 9¾	in., ring top	each $2.00
4 only No. 337—	7½×10½	in., ring top	" 2.35
2 only No. 339—	8 ×11	in., ring top	" 2.70

Assortment "102"—The above twelve cages nested in a case, complete with swings, perches and seed cups, w't 50 lbs., per case 22.60

ASSORTMENT "O" MIXED.

Nos. 67 to 20.

Nos. 24 and 120.

Nos. 333 to 337.

Nos. 342 to 346.

Assortment consists of one each of the following Cages, not sold separately.

No. 67—Japanned,	7½× 7½	in., ring top	each $1.00
No. 17—Japanned,	7½×10	in., ring top	" 1.25
No. 19—Japanned,	8 ×10½	in., ring top	" 1.50
No. 20—Japanned,	8½×11¾	in., ring top	" 1.75
No. 24—Japanned,	8 × 8	in., knob top	" 1.20
No. 120—Japanned,	10 ×10	in., knob top	" 1.90
No. 333—Brass,	6 ×9	in., ring top	" 1.65
No. 335—Brass,	6¾ × 9¾	in., ring top	" 2.00
No. 337—Brass,	7½×10½	in., ring top	" 2.35
No. 342—Brass,	6¾ × 9¾	in., ring top	" 2.55
No. 344—Brass,	7½×10½	in., ring top	" 2.75
No. 346—Brass,	8 ×11	in., ring top	" 3.35

Assortment "O"—The above twelve cages, nested in a case, complete with swings, perches and seed cups, w't 62 lbs....per case 18.60

ASSORTMENT "S" BRASS.

Nos. 333 to 337.

Nos. 3335 to 3339½.

Assortment consists of the following Brass Cages, not sold separately.

1 only No. 333	—6 × 9	in., ring top	each $1.65
1 only No. 335	—6¾ × 9¾	in., ring top	" 2.00
1 only No. 337	—7½×10½	in., ring top	" 2.35
2 only No. 3335	—6¾ × 9¾	in., ring top, with guard	" 2.85
3 only No. 3337	—7½×10½	in., ring top, with guard	" 3.30
3 only No. 3339	—8 ×11	in., ring top, with guard	" 3.80
1 only No. 3339½	—8½×12	in., ring top, with guard	" 4.25

Assortment "S"—The above twelve cages complete with swings, perches and opal seed cups, w't 60 lbs.....per case 30.00

THE SIZES GIVEN ARE THE INSIDE MEASUREMENTS.

BIRD CAGES.

Sold Separately.

BRASS CAGES. Made of brass spring wire. The bottoms are stamped from one piece of brass and have removable bright tin mats. Lacquered to prevent tarnishing.

ENAMELED CAGES. Beautifully enameled in white, and striped in gold; producing a very artistic effect.

JAPANNED CAGES. All japanned cages are kiln-baked in white and colors. No pigment composed of lead, copper or other substance which would prove injurious to birds is used.

BRASS.

No. 333 —6 × 9 in., ring top, per dozen $19.80
No. 335 —6¾ × 9¾ in., ring top, per dozen 24.00
No. 337 —7½ × 10½ in., ring top, per dozen 30.20
No. 339 —8 × 11 in., ring top, per dozen 32.40
No. 339½—8½ × 12 in., ring top, per dozen 37.50
No. 3579½—Nest of 4 cages, consisting of one each of the following, Nos. 335, 337, 339 and 339½, per dozen nests 100.00

The above cages are all furnished complete with perches, opal seed cups and swings.

Brass Guard.

No. 3333 —6 × 9 in., ring top, per dozen $30.30
No. 3335 —6¾ × 9¾ in., ring top, per dozen 34.40
No. 3337 —7½ × 10½ in., ring top, per dozen 39.60
No. 3339 —8 × 11 in., ring top, per dozen 45.60
No. 3339½—8½ × 12 in., ring top, per dozen 51.25
No. 5791/2—Nest of 4 cages, consisting of one each of the following, Nos. 3335, 3337, 3339 and 3339½, per dozen nests 136.50

The above cages are all furnished complete with brass guard, opal seed cups, swings and perches.

No. 344—7½ × 10½ in., ring top, brass railing around the bottom, complete with swings, perches and opal seed cups ..... per dozen $33.45

BRASS.

No. 310—8 × 11 in., knob top, brass railing around bottom, complete with swings, perches and opal seed cups ..... per dozen $46.75

WHITE ENAMELED.

No. 231—6¾ × 9¾ in., ring top, per dozen $14.40
No. 232—7 × 10½ in., ring top, per dozen 18.75
No. 233—7½ × 11 in., ring top, per dozen 20.60
No. 234—8¼ × 12¼ in., ring top, per dozen 23.10
No. 235—8¾ × 13 in., ring top, per dozen 25.00

The above cages are furnished complete with swings, perches and opal seed cups.

Brass Guard.

No. 2231—6¾ × 9¾ in., ring top, per dozen $25.00
No. 2232—7 × 10½ in., ring top, per dozen 27.40
No. 2233—7½ × 11 in., ring top, per dozen 30.00
No. 2234—8¼ × 12¼ in., ring top, per dozen 32.40
No. 2235—8¾ × 13 in., ring top, per dozen 35.00

The above cages are furnished complete with brass guard, perches, swings and opal seed cups.

JAPANNED.

No. 67—7½ × 7½ in., ring top, per dozen $11.85
No. 16—6¼ × 8 in., ring top, per dozen 11.50
No. 17—7½ × 10 in., ring top, per dozen 15.00
No. 19— 8 × 10½ in., ring top, per dozen 18.10
No. 20—8 × 11¾ in., ring top, per dozen 20.60
No. 790—Nest of 3 cages, consisting of one each of the following, Nos. 17, 19 and 20 ..... per dozen nests 48.00

The above cages are furnished complete with swings, perches and crystal seed cups.

No. 612—7¼ × 10½ in., knob top, per dozen $17.20
No. 613—7¾ × 11 in., knob top, per dozen 19.40
No. 614—8½ × 11¾ in., knob top, per dozen 21.25

The above cages are furnished with swings, perches and crystal seedcups.

No. 116—9½ × 11¾ in., knob top, metal bound corners, complete with perches, swings, and crystal seed cups,, per dozen $25.60

THE SIZES GIVEN ARE THE INSIDE MEASUREMENTS.

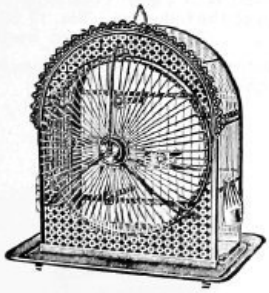
BIRD CAGES.

JAPANNED.

Japanned White and Colors.

No. 74—$8\frac{3}{4}\times8\frac{3}{4}$ in., knob top, fancy ornamented bottom, half metal bound corners, complete with swings, perches, and cyrstal seed cups.....per dozen $20.00

REVOLVING.



Japanned White and Colors.

No. 1500—$9\times13\frac{1}{4}$ in. body, 19 in. high, revolving front, fancy ornamented bottom, complete with perches and crystal seed cups.....per dozen $32.50

Japanned White and Colors.

No. 1520—$9\times13\frac{1}{4}$ in. body, 19 in. high, revolving front, metal drawer in bottom fancy roof, complete with perches and crystal seed cups.....per dozen $42.50

JAPANNED.

Japanned White and Colors.

No. 143—$9\frac{1}{4}\times9\frac{1}{4}$ in., knob top, fancy ornamented bottom, complete with swings, perches and crystal seed cups, per dozen.....$20.60

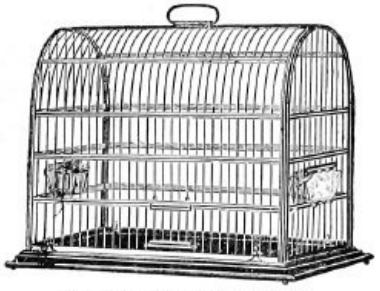
TRAVELING.

Japanned White and Colors.

No. 400—Diam. $6\frac{3}{8}$ in., height $6\frac{3}{4}$ in., complete with perches, water and seed cups .....per dozen$6.30

The cups are held in place by metal bands, securely fastened to the bottom of the cage.

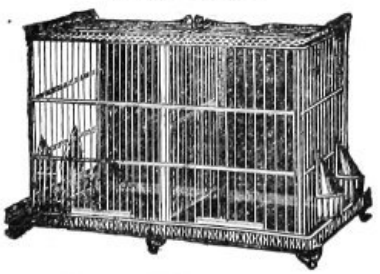
ROBIN.



Japanned White and Colors.

No. 115—$12\times18\frac{1}{2}$ in., $16\frac{1}{2}$ in. high, metal bottom in black walnut frame, complete with perches and seed cups, per dozen..... $50.40

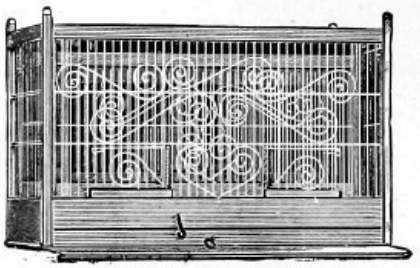
BREEDING.



Japanned White and Colors.

No. 28 $9\times16\frac{3}{4}$ in., with removable wire partition and drawer bottom, solid metal back, complete with seed cups and perches.....per dozen $44.00

BREEDING.



Tinned Wire, Laced Through Wood Frame, Removable Wire Partition, Drawer Bottom, Solid Back, Complete With Seed Cups and Perches.

No. 4—Nest of 3 cages, sizes as below, per nest..... $8.65
Double, 19 in. long, 10 in. wide, $13\frac{1}{2}$ in high.
Double, 21 in. long, 11 in. wide, 14 in high.
Double, 23 in. long, 12 in. wide, $16\frac{1}{2}$ in high.

These cages are sold in nests only, we cannot furnish single cages.

ONE NEST IN A CASE. WEIGHT 45 LBS

WOOD MOCKING BIRD.

Tinned Wire, Laced Through Wood Frame, Sliding Drawer Bottom, Seed Cup Holders, and Metal Corner Braces.

No. 1—Nest of 4 cages, sizes as below, per nest $10.35
Oblong Canary, 17 in. long, $9\frac{1}{4}$ in. wide, 16 in. high.
Robin, $19\frac{1}{2}$ in. long, $11\frac{1}{2}$ in. wide, $18\frac{1}{2}$ in. high.
Robin, 22 in. long, $12\frac{1}{2}$ in. wide, $20\frac{1}{2}$ in. high.
Mocking bird, $23\frac{1}{2}$ in. long, 14 in. wide, $22\frac{1}{2}$ in. high.

These cages are sold in nests only, we cannot furnish single cages.

ONE NEST IN A CASE. WEIGHT 50 LBS.

No. 2—Nest of 5 cages, sizes as below, per nest..... $14.00
Oblong Canary, 17 in. long, $9\frac{1}{4}$ in. wide, 16 in. high.
Robin, $19\frac{1}{2}$ in. long, $11\frac{1}{2}$ in. wide, $18\frac{1}{2}$ in. high.
Robin, 22 in. long, $12\frac{1}{2}$ in. wide, $20\frac{1}{2}$ in. high.
Mocking bird, $23\frac{1}{2}$ in. long, 14 in. wide, $22\frac{1}{2}$ in. high.
Mocking bird, $25\frac{1}{2}$ in. long, 15 in. wide, $23\frac{1}{2}$ in. high.

These cages are sold in nests only, we cannot furnish single cages.

ONE NEST IN A CASE. WEIGHT 62 LBS.

No. 10—Single mocking bird cages, $25\frac{1}{2}$ in. long, 15 in. wide, $23\frac{1}{2}$ in. high, each $3.50

ONE IN A CASE. WEIGHT 38 LBS.

CAGES AND SUNDRIES.

PARROT CAGES.

Tinned.

No. 70—Diam. 12 in., height 20 in., w't 4 lbs.....each $3.50
No. 75—Diam. 13 in., height 21 in., w't 4¾ lbs.....each 4.00
No. 80—Diam. 14 in., height 22 in., w't 5½ lbs.....each 5.00
No. 85—Diam. 15½ in., height 24 in., w't 6½ lbs.....each 5.75
No. 90—Diam. 17½ in., height 29 in., w't 9½ lbs.....each 6.75
No. 777—Nest of 5 cages, consisting of one each of the above cages, w't 30¼ lbs.....per nest $22.00
No. 888—Nest of 3 cages, consisting of one each of Nos. 80, 85 and 90, w't 21½ lbs.....per nest 15.75

The expense of packing the above nests being no greater than that of a single cage, and the packed weight of a nest being little more than the packed weight of a single cage, effects a considerable saving in both package and freight.

Brass.

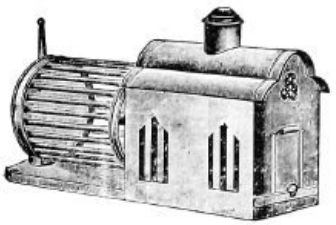
No. 1912—Diam. 15½ in., height 26 in., w't 9¼ lbs.....each $12.50
No. 1914—Diam. 17½ in., height 28 in., w't 11¼ lbs.....each 15.00

Tinned cages are made of No. 12 tinned wire securely riveted to strong tinned steel rails, with cap and ring. Complete with swings, perches and self-locking feed cups.

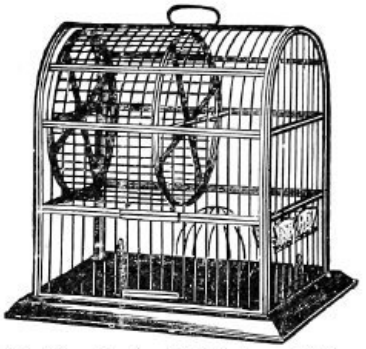
Brass cages are made of brass spring wire, securely riveted to brass rails, with cap and ring. Complete with swings, perches and self-locking feed cups.

No. 06—17×17 in., height 24½ in., bright tinned wire, laced wrought heavy metal frame, fancy ornamented bottom, complete with swings, perches and tin self-locking feed cups, w't 14 lbs.....each $10.50

SQUIRREL CAGES.



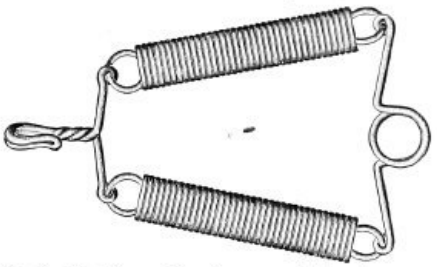
No. 01—HOUSE, bright tin, 14 in., long 10 in. wide, 13 in. high, with coop under roof, revolving wheel 14 in. long, 10¾ in. diameter, tubular tin spokes, very rigid and easy running, entire cage mounted on wood, board 32 in. long, w't 30 lbs.....each $6.00



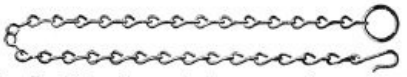
No. 02—Tinned wire, 15½ in. long, 10½ in wide, 15 in. high, with strong wire revolving wheel and tin coop, w't 20 lbs.....each $5.60

BIRD CAGE SPRINGS AND CHAINS.

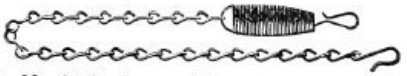
No. 6—Brass plated springs, with hook, length 3½ in.....per dozen $0.40
No. 8—Brass springs, with hook, length 3 in.....per dozen .75



No. 9—Double spring, brass, with hook and cross bar, length 5 in ...per dozen $2.50

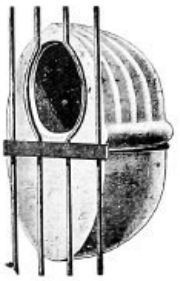


No. 5—12 in. brass chains....per dozen $0.90
No. 10—18 in. brass chains.... " 1.00
No. 15—24 in. brass chains.... " 1.25



No. 20—24 in. brass chain, with spring, per dozen..... $1.50
No. 7—Safty hooks, as furnished with above chains.....per dozen .45

SEED CUPS.



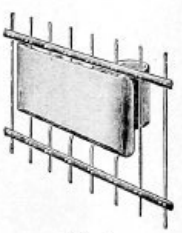
Nos. 1 and 2

No. 3.

Round Bottom.

No. 1—Flint glass, furniehed with japanned cages.....per dozen $0.75
No. 2—Opal glass, furnished with brass cages.....per dozen 1.00
No. 3—Opal glass, furnished with enameled cages.....per dozen 1.00

No. 5.



No. 4.

No. 5—Flint glass, furnished with Nos. 1500 and 1520 cags.....per dozen $1.00
No. 4—Opal glass, furnished with Hendryx brass cages.....per dozen 1.25

BIRD BATHS.

No. 1—Flint glass, assorted sizes, 4¾ and 5½ in.....per dozen $1.50
No. 2—Opal glass, assorted sizes, 4½ and 5½ in.....per dozen 1.60

BIRD NESTS.

No. 4—Japanned wire, diam. 4½ in., with hook, w't per doz ½ lb.....per dozen $1.50

POCKET MATCH SAFES.

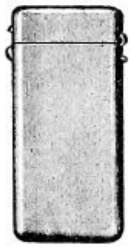
No. 51.

No. 398.

No. 51—1⅛×2¾ in., nickel plated engraved.....per dozen $1.20

No. 398—$\frac{13}{16}$×2¾ in., miners' waterproof, seamless heavy brass, nickel plated, per dozen..... 2.00

ONE DOZEN IN A BOX.



No. 130.

No. 840.

No. 130—1¼×2¾ in., brass, nickel plated, heavy one piece spring..per dozen $2.00

No. 840—1½×2¾ in., heavy brass, nickel plated, strong spring.....per dozen 2.50

ONE DOZEN IN A BOX.

No. 260—1½×2¾ in., brass, nickel plated, embossed design.....per dozen $3.00

ONE DOZEN IN A BOX.

No. 425.

No. 425—1½×2¾ in., nickel plated, satin finish, Masonic emblems on both sides, strong spring.....per dozen $4.00

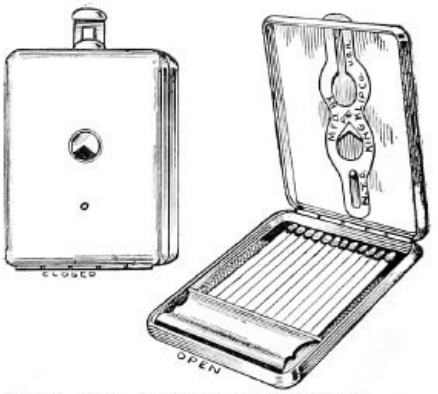
No. 725—ODD FELLOWS emblems on both sides, otherwise same as No. 425, per dozen..... 4.00

These safes are well finished and are a credit to the emblems they bear.

ONE DOZEN IN A BOX.

No. 41—KING KLIP, extra heavy, nickel plated, end opening for patent book safety matches.....per dozen $4.00

ONE DOZEN IN DISPLAY BOX.



No. 42—KING KLIP, with cigar cutter in cover, extra heavy, nickel plated, end opening, for patent book safety matches.....per dozen $8.00

"Opens as you cut your cigar."

ONE DOZEN IN DISPLAY BOX.

Owing to the rounded edges and flat construction, these safes fit the vest pocket without bulging. By slipping a piece of sand paper under guards these safes may also be used for short size parlor matches.

No. 15 Assortment, consists of twelve safes, assorted designs, 1⅜×2¼ in., nickel plated, oxidized and pearl effect panels, in display cabinet.....per assortment $3.00

No. 25 Assortment, 1½×2¾ in., otherwise same as No. 15, in display cabinet.. " " 5.00

No. 35 Assortment, consists of twelve safes 1⅛×2¾ in., nickel plated, satin finish, emblems on both sides assorted, 3 Masonic, 2 Odd Fellows, 2 Elks, 1 Eagle, 1 Woodmen, 1 Forrester, 1 Knights of Pythias, 1 Knights of Columbus, fraternal orders in display cabinet, per assortment..... $5.00

If a quantity of safes with all the same emblem, (other than Masonic and Odd Fellows, which are stocked separately) are wanted we can get them from factory and include with next shipment.

CAN OPENERS, TOBACCO CUTTERS, ETC.

CAN OPENERS.

No. 8—Claw, nickel plated steel blade, w't per doz. 1½ lbs..... per dozen $0.80

ONE DOZEN IN A BOX.

No. 1—SPRAGUE'S, natural wood handle, steel blade, w't per doz. 1¼ lbs., per dozen..... $1.00

No. 3—SPRAGUE'S, enameled wood handle, tempered steel blade, w't per doz. 2¼ lbs.....per dozen 1.25

ONE DOZEN IN A BOX.

No. 7—NEVER-SLIP, nickel plated, iron handle, tool steel blade, will open any shaped can, w't per doz. 2¼ lbs., per dozen..... $1.50

ONE DOZEN IN A BOX.

No. 4—Combination, nickel plated and polished steel handle, tempered tool steel blade, folding cork puller, w't per doz. 1¾ lbs.....per dozen $1.75

ONE DOZEN IN A BOX.

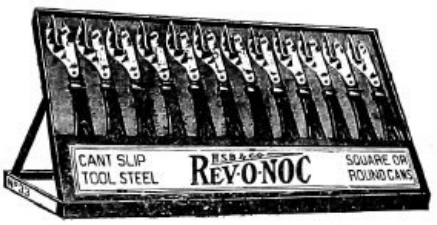
No. 75—IMPROVED NEVER-SLIP, blade and fulcrum of one piece oiled tempered steel, nickel plated, polished hardwood handle, w't per doz. 1¾ lbs., per dozen $2.00

ONE DOZEN IN A BOX.

No. 9—DELMONICO, best quality, nickel plated steel blade, japanned iron handle, adapted to round or square cans, w't per doz. 2¼ lbs.....per dozen $3.00

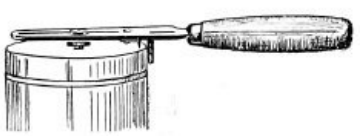
ONE DOZEN IN A BOX.

CAN OPENERS.



No. 33—REV-O-NOC, nickel plated tempered steel blade, japanned handle, adapted to round or square cans, w't per doz. 2¼ lbs.....per dozen $2.00

ONE DOZEN IN A DISPLAY BOX.



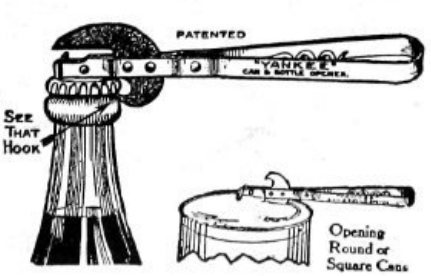
No. 30—"HIB-SPE-BAR," circular, nickel plated, wrought shank, self-adjusting pin, tempered crucible steel blade, cuts circular hole in top of can, w't per doz. 2 lbs.....per dozen $2.00

Knife cuts close to side of can and turns edge under, leaving a smooth opening, which permits contents to be taken out whole. Always cuts a true circle as the self-adjusting pin allows knife to follow extreme edge of can.

ONE DOZEN IN A DISPLAY BOX.

No. 6—PERFECT, new model, nickel plated; tempered steel shank and gear, three tempered steel blades, to cut off entire top of round cans, a circular hole in top or around edges of square cans, enameled wood handle, w't per doz. 3½ lbs..... per dozen $4.00

ONE DOZEN IN A DISPLAY BOX.



No. 14—YANKEE, nickel plated, hardened steel blade, w't per doz., 1¼ lbs., per dozen..... $2.00

Removes tin caps from bottles, opens round or square tin cans, removes corks from bottles.

ONE DOZEN IN A BOX.

HOT PAN LIFTERS.

No. 22—Cast, nickel plated, length 5½ in., w't per doz. 4 lbs.....per dozen $2.00

Operates like scissors, and remains attached to pan as shown in illustration. It is the simplest and best pan lifter made. Fits tin as well as enameled ware and does not chip the enamel. Requires no pressure of the hand and is as solid as if part of the pan.

ONE DOZEN IN A PASTEBOARD BOX.

BOTTLE STOPPERS.

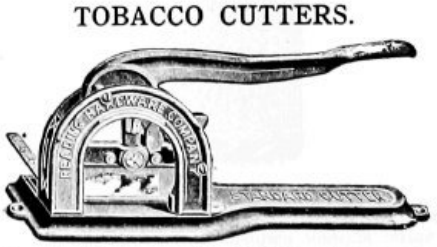
No. 1D—PERFECTION, large quart size, for claret neck bottles or heavily carbonated beverages, w't per doz. 1½ lbs..... per dozen $4.00

No. 2D—PERFECTION, pint or small quart size for any ordinary bottle, w't per doz. 2 lbs.....per dozen 4.00

The Perfection Stopper is made of pure rubber with nickel plated trimmings, and by simply pressing down the pin, the rubber is elongated and can be easily inserted or removed from the bottle while in this position. Self-adjusting, absolutely air-tight, retains the gas in carbonated beverages after once opened.

ONE DOZEN IN A BOX.

TOBACCO CUTTERS.



No. 10—READING, 17 × 4 in. base, tempered steel sliding knife, 6 in. cutting gauge for 3½ in. plug, black japanned with ornamentations in red blue and gold, w't per doz. 50 lbs., per dozen..... $21.00

MINCING KNIVES, CLEAVERS, ETC.

MINCING KNIVES.

No. 3.

No. 4.

No. 3—Steel blade, malleable iron shank, beech handle, w't per doz. 2½ lbs., per dozen $1.00

No. 4—Double steel blades, malleable iron frame, beech handle, w't per doz. 4 lbs. ..... per dozen 1.35

ONE DOZEN IN A BOX.

No. 17

No. 199.

No. 17—Steel blade, malleable iron frame, wire braced, beech handle, w't per doz. 4½ lbs. ..... per dozen $2.00

ONE DOZEN IN A BOX.

No. 199—Double steel blades, malleable wire braced, beech handle, w't per doz. 6 lbs. ..... per dozen 2.75

HALF DOZEN IN A BOX.

No. 5.

No. 7.

No. 5—Extra cast steel blade, japanned iron handle and frame, w't per doz. 6½ lbs. ..... per dozen $2.50

No. 7—Steel blade and handle, of one piece, nickel plated, highly polished, w't per doz. 3½ lbs. ..... per dozen 2.50

ONE DOZEN IN A BOX.

No. 6—Extra cast steel blade, japanned, beech handle and frame, w't per doz. 5 lbs. ..... per dozen $4.00

ONE DOZEN IN A BOX.

MINCING KNIVES.

No. 40.

No. 60

No. 40—4 cast steel blades, japanned iron handle, w't per doz. 6 lbs., per dozen $3.00

No. 60—6 cast steel blades, otherwise same as No. 40, w't per doz. 7 lbs., per dozen 4.00

ONE DOZEN IN A BOX.

No. 2.

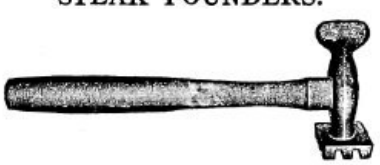
No. 250.

No. 2—Extra quality cast steel blade and shank, riveted through handle, hand forged from the bar and tempered, black handle, w't per doz. 6 lbs., per dozen $5.50

No. 250—Extra quality cast steel, hand forged from the bar, riveted through handle and tempered, polished red handle with nickel plated ferrules, w't per doz. 6 lbs. ..... per dozen 6.25

ONE DOZEN IN A BOX.

STEAK POUNDERS.



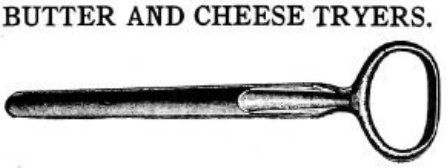
No. 2—Tinned iron, stained wood handle, w't per doz. 7 lbs. ..... per dozen $2.00

ONE DOZEN IN A BOX.

No. 3—Tinned iron, inserted steel blade, maple handle, w't per doz. 10 lbs., per dozen $4.00

HALF DOZEN IN A BOX.

BUTTER AND CHEESE TRYERS.



No. 10—Cheese, 6 in., nickel plated, w't per doz. 2 lbs. ..... per dozen $ 6.00

No. 11—Butter, 21 in., nickel plated, w't per doz. 7½ lbs. ..... per dozen 10.50

The size given is the length of the blade.

HALF DOZEN IN A BOX.

HOUSEHOLD CLEAVERS.

"OUR VERY BEST."

No. 15 C.V.B.—French pattern, 7 in. heavy forged cutlery steel blade, highly polished and oil tempered, with tang securely riveted into handle, 5½ in. rubberoid hardwood waterproof handle, extra heavy ferrule, w't per doz. 8 lbs. per dozen $9.60

ONE DOZEN IN A BOX.

"OUR VERY BEST."

No. 18 C.V.B.—French pattern, 7 in. heavy forged cutlery steel blade, highly polished and oil tempered, with tang securely riveted into handle, 5½ in. rubberoid hardwood waterproof handle, extra heavy ferrule, *with 18 point steel meat tenderer*, w't per doz. 9 lbs., per dozen $12.00

ONE DOZEN IN A BOX.

No. 10—STANDARD, 6 in. special cold rolled steel blade, red enameled waterproof handle, with ferrule, w't per doz. 6 lbs. ..... per dozen $4.80

ONE DOZEN IN A BOX.

MARICOPA, Cast Steel Blade, Polished, Riveted Hardwood Scored Handle.

No. 20—Inches,	6	7	8
W't per doz.	20	22	25 lbs.
Per dozen	$10.00	11.00	12.00

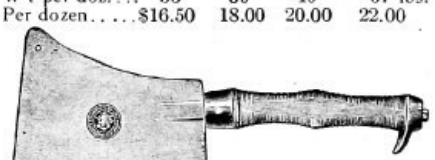
HALF DOZEN IN A BOX.

BUTCHERS' CLEAVERS.

"OUR VERY BEST"

Solid Forged Steel, One-Piece Blade and Tang Bolted Through the Handle, Polished Blade, Select Hickory Handle, Cherry Stained, Scored and Flattened at Sides, Patent Hook, End to Prevent Slipping from Hand, Heavy Steel Ferrule.

Nos.	07	08	09	010
Cut	7	8	9	10 in.
Length over all.	15	17	19	21 in.
W't per doz.	35	39	49	57 lbs.
Per dozen	$16.50	18.00	20.00	22.00



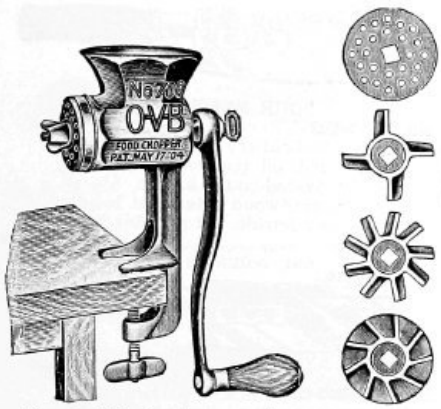
PLUMB'S, Cast Steel, Polished Blade, Varnished Hickory Handle, Scored, with Flattened Sides; Through Bolted, with Finger Hook.

Nos.	0	1	2	3
Cut	7	8	9	10 in.
W't per doz.	35	36	49	57 lbs.
Per dozen	$16.50	18.00	20.00	22.00

HALF DOZEN IN A BOX.

"OUR VERY BEST" FOOD AND MEAT CHOPPERS.

O.V.B. FOOD CHOPPERS.



The O. V. B. chopper does not mash or squeeze, but chops into clean cut, uniform pieces, all kinds of meat, raw or cooked, also vegetables and fruits, fine or coarse as wanted.

There are five spiral channels inside the cylinder, each channel leads up to a separate outlet. The five outlets in the end of the cylinder are large, permitting food to pass without crushing. These large outlets require long knife blades, which mean great cutting surface, and explain the double capacity, as compared with other food choppers of the same sizes.

Every part is heavily tinned, this prevents discoloring food or fruit. All parts are interchangeable and guaranteed against defect. We carry all repairs in stock.

"OUR VERY BEST"

Heavily Tinned, All Parts Interchangeable.

Nos	7	70	
Hopper	$2\frac{1}{2}\times3\frac{1}{8}$	$3\frac{1}{8}\times4$	in.
Cylinder	$2\frac{3}{16}\times3\frac{1}{8}$	$2\frac{3}{16}\times3\frac{5}{8}$	in.
Height from table	$5\frac{1}{8}$	$5\frac{3}{4}$	in.
W't per doz.	50	62	lbs.
Per dozen	$15.00	18.00	

Nos	700	7000	
Hopper	$3\frac{1}{2}\times4\frac{5}{8}$	$4\frac{1}{8}\times4\frac{7}{8}$	in.
Cylinder	$2\frac{3}{16}\times3\frac{5}{8}$	$2\frac{1}{2}\times4\frac{1}{4}$	in.
Height from table	$6\frac{1}{2}$	7	in.
W't per doz.	75	110	lbs.
Per dozen	$21.00	27.00	

Four cutters are furnished with each chopper, coarse, medium, fine and nut butter grinder.

The coarse (four tooth) cutter for chopping apples, fresh and dried fruits, vegetables, clams, salt pork, suet and cooked meats.

The medium (nine tooth) cutter for chopping all of the above, bread, crackers and other foods.

The fine (perforated plate) cutter is particularly desirable for chopping raw meat, also vegetables and other foods desired fine.

The nut butter cutter for grinding nuts, etc., for nut butter, or any thing required extremely fine.

ONE IN A BOX; HALF DOZEN IN A CASE.

FOOD CHOPPER STUFFER ATTACHMENTS.

"OUR VERY BEST"

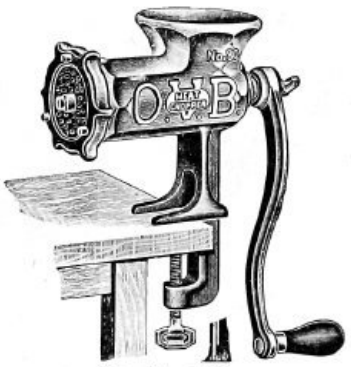
Spun Brass, Nickel Plated.

No. 700 O.V.B.—For No. 700 food chopper, w't per doz. $1\frac{1}{2}$ lbs . . . . . per dozen $4.00

No. 7000 O.V.B.—For No. 7000 food chopper, w't per doz. $1\frac{3}{4}$ lbs . . . . . per dozen 5.00

ONE IN A PASTEBOARD BOX.

O.V.B. MEAT CHOPPERS.



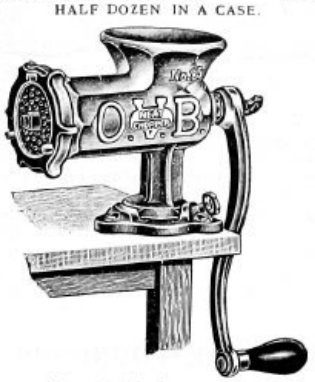
Nos. 8 and 80.

"OUR VERY BEST"

Heavily Tinned, All Parts Interchangeable.

Nos	8	80	
Hopper	$3\frac{1}{8}\times3\frac{5}{8}$	4×5	in.
Cylinder	$2\frac{3}{4}\times5$	3×6	in.
Height from table	$6\frac{3}{4}$	$6\frac{3}{4}$	in.
W't per doz.	85	152	lbs.
Per dozen	$21.00	30.00	

HALF DOZEN IN A CASE.



Nos. 83, 85, 850 and 870.
Easily Detachable Base Plate.

"OUR VERY BEST"

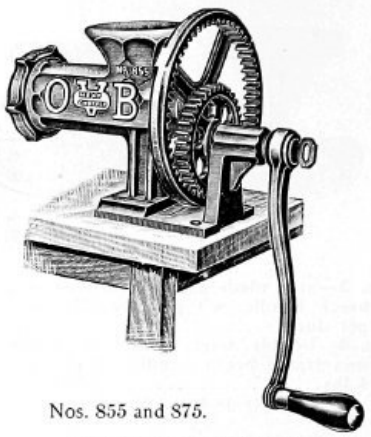
Heavily Tinned, All Parts Interchangeable.

Nos	83	85	
Hopper	$3\frac{1}{8}\times3\frac{5}{8}$	4×5	in.
Cylinder	$2\frac{3}{4}\times5$	3×6	in.
Height	8	$6\frac{3}{4}$	in.
W't per doz.	82	146	lbs.
Per dozen	$21.00	27.00	

Nos	850	870	
Hopper	5 ×6	6 × 7	in.
Cylinder	$3\frac{1}{2}\times8\frac{3}{4}$	$5\frac{1}{2}\times10\frac{3}{4}$	in.
Height	$8\frac{3}{4}$	$9\frac{1}{4}$	in.
W't per doz.	252	425	lbs.
Per dozen	$48.00	60.00	

NOS. 83 AND 85 HALF DOZEN; BALANCE QUARTER DOZEN IN A CASE.

O.V.B. MEAT CHOPPERS



Nos. 855 and 875.

Hopper Easily Detached
From Gearing and Base Plate.

"OUR VERY BEST"

Heavily Tinned, All Parts Interchangeable.

Nos	855	875	
Hopper	5 ×6	6 × 7	in.
Cylinder	$3\frac{1}{2}\times8\frac{3}{4}$	$5\frac{1}{2}\times10\frac{3}{4}$	in.
Height	$8\frac{3}{4}$	$9\frac{1}{4}$	in.
W't per doz.	456	635	lbs.
Per dozen	$84.00	108.00	

ONE IN A CASE.

MEAT CHOPPER STUFFER ATTACHMENTS.

"OUR VERY BEST"

Spun Brass, Nickel Plated.

For Choppers Nos.	8	80	83	85	
W't per dozen	$2\frac{1}{4}$	$1\frac{1}{4}$	$2\frac{1}{4}$	$1\frac{1}{2}$	lbs.
Per dozen	$5.65	6.00	5.65	6.00	

For Choppers Nos.	850	855	870	875	
W't per doz	$1\frac{1}{2}$	$1\frac{3}{4}$	2	2	lbs.
Per dozen	$7.50	7.50	8.75	8.75	

By means of these attachments a meat chopper may be converted into an excellent stuffer. When so used, the plate and knife are taken out and the attachment secured by screwing the ring over it. The diameter of the end is $\frac{3}{4}$ in.

ONE IN A PASTEBOARD BOX.

The "O. V. B." embodies all the best meat cutting principles with several new features, it is thoroughly well constructed of the best materials and is all that its name implies, viz.: THE BEST MEAT CHOPPER ON THE MARKET. The knife and plate are made of the BEST TOOL STEEL and they fit together perfectly so that when the knife revolves against the plate, the meat is CUT in a rotary scissors-like manner. SINEWS and GRISTLE pass through the machine without extra effort and are smoothly and evenly cut. ONE PLATE $\frac{3}{16}$ in. hole is regularly furnished with each chopper.

The "O. V. B." is furnished with an EXTRA LONG CRANK which gives it good leverage and thus enables it to OPERATE EASILY. The body of the chopper is well UP OFF the TABLE and it has no "hind legs" to interfere with the placing of a dish UNDERNEATH THE END of the machine.

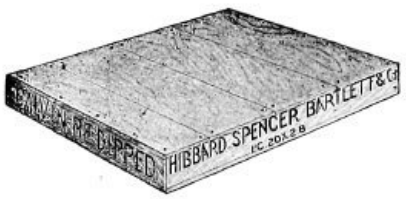
One of the principal features of the "O. V. B." Meat Chopper is that, all of them are readily DETACHABLE from the block or bench to which the bottom plate is attached and thus they MAY BE WASHED and SET ASIDE when not in use, or may be put in the ice box in hot weather to prevent the small particles of meat from becoming tainted.

You will note we do not give the "capacity per minute" on any of our machines. This cannot be estimated with any degree of accuracy on ANY meat chopper, unless the speed at which it is operated is considered.

The "O. V. B." is guaranteed to cut as fast as, or faster than any competitive chopper of comparative size.

TIN PLATE AND ROOFING TIN.

BRIGHT TIN PLATES.



CALVIN, Charcoal, Tissue Paper Packed.

IC—14×20 in., 112 sheets, w't 107 lbs., 30 gauge.....per box $

IX—14×20 in., 112 sheets, w't 135 lbs., 28 gauge.....per box

IXX—14×20 in., 112 sheets, w't 155 lbs., 27 gauge.....per box

IC—20×28 in., 112 sheets, w't 214 lbs., 30 gauge.....per box

IX—20×28 in., 112 sheets, w't 270 lbs., 28 gauge.....per box

IXX—20×28 in., 56 or 112 sheets, w't 155 or 310 lbs., 27 gauge.....per box

IXXX—20×28 in., 56 or 112 sheets, w't 175 or 350 lbs., 26 gauge.....per box

IXXXX—20×28 in., 56 or 112 sheets, w't 195 or 390 lbs., 25 gauge.....per box

MOHAWK, Charcoal.

IC—14×20 in., 112 sheets, w't 107 lbs., 30 gauge.....per box $

IX—14×20 in., 112 sheets, w't 135 lbs., 28 gauge.....per box

IXX—14×20 in., 112 sheets, w't 155 lbs., 27 gauge.....per box

IC—20×28 in., 112 sheets, w't 214 lbs., 30 gauge.....per box

IX—20×28 in., 112 sheets, w't 270 lbs., 28 gauge.....per box

IXX—20×28 in., 56 or 112 sheets, w't 155 or 310 lbs., 27 gauge.....per box

IXXX—20×28 in., 56 or 112 sheets, w't 175 or 350 lbs., 26 gauge.....per box

Coke.

IC —14×20 in., 112 sheets, w't 90 lbs., 31 gauge.....per box $

IC —14×20 in., 112 sheets, w't 100 lbs., 30½ gauge.....per box

IC —14×20 in., 112 sheets, w't 107 lbs., 30 gauge.....per box

IX —14×20 in., 112 sheets, w't 135 lbs., 28 gauge.....per box

IC —20×28 in., 112 sheets, w't 180 lbs., 31 gauge.....per box

IC —20×28 in., 112 sheets, w't 200 lbs., 30½ gauge.....per box

IC —20×28 in., 112 sheets, w't 214 lbs., 30 gauge.....per box

IX —20×28 in., 112 sheets, w't 270 lbs., 28 gauge.....per box

BRIGHT TIN PLATES.

Boiler Tin, Tissue Paper Packed.

IX—14×28 in., 100 sheets per case, w't per 100 sheets 173 lbs.....per box $

IXX—14×28 in., 100 sheets per case, w't per 100 sheets 196 lbs.....per box

IXX—14×60 in., 100 sheets per case, w't per 100 sheets 436 lbs.....per box

Milk Can and Cheese Vat, Tissue Paper Packed.

IXXXXXX—40×96 in., 25 sheets per case, w't per 100 sheets 3200 lbs., per pound.....$

IXXXXXX—40×87 in., 25 sheets per case, w't per 100 sheets 2900 lbs., per pound.....

IXXXXXX—40×58 in., 25 sheets per case, w't per 100 sheets 2060 lbs., per pound.....

IXXXX—36×84 in., 25 sheets per case, w't per 100 sheets 2060 lbs., per pound.....

IXXXX—30×72 in., 25 sheets per case, w't per 100 sheets 1327 lbs., per pound.....

IXXXX—28×59 in., 50 sheets per case, w't per 100 sheets 1110 lbs., 50 gal. cans.....per pound

IXXXX—28×49 in., 50 sheets per case, w't per 100 sheets 910 lbs., 30 gal. cans.....per pound

IXXXX—20×60 in., 50 sheets per case, w't per 100 sheets 754 lbs., 20 gal. cans.....per pound

IXXXX—20×44 in., 50 sheets per case, w't per 100 sheets 568 lbs., per pound.....

DXXX—15×21 in., 100 sheets per case, w't per 100 sheets 249 lbs., per pound.....

Furnace Coke.

IC —20×26 in., 112 sheets, w't 167 lbs., for 8 in. pipe, 31 gauge .....per box $

IC —20×29½ in., 112 sheets, w't 189 lbs., for 9 in. pipe, 31 gauge. .....per box

IC —20×32½ in., 112 sheets, w't 209 lbs., for 10 in. pipe, 31 gauge.....per box

IX —20×32½ in., 112 sheets, w't 297 lbs., for 10 in. pipe, 28 gauge.....per box

Waster sheets of furnace coke can be furnished at a slight reduction in price.

The weights given are net without boxes.

ROOFING TIN.

"OUR VERY BEST."

40 Pound Coating.

IC ~~O.V.B.~~—20×28 in., 112 sheets, w't without box 240 lbs., 30 gauge, per box ..... $

IX ~~O.V.B.~~—20×28 in, 112 sheets, w't without box 300 lbs., 28 gauge..per box

Made from black sheets of genuine charcoal iron, free from impurities. Each sheet is thoroughly cleaned and all traces of acid removed and then perfectly coated by the palm oil process.

SPENCER OLD PROCESS, Highest Possible Grade, Resquared and Branded, 40 pound coating.

IC Tin, 20×28 in., 112 sheets, w't without box 240 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 300 lbs., 28 gauge.....per box

These plates are allowed to absorb all the metal they possibly can, and are not passed either through the grease pot or patent rolls to reduce the coating. Ordinary brands of roofing plates have from 8 to 10 lbs. of coating on a box of 20x28, while our Old Process has 40 lbs.

LYFORD'S NEW METHOD, Resquared and Branded, 20 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 225 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 285 lbs., 28 gauge.....per box

"A" OLD STYLE, Resquared and Branded, 20 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 224 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 280 lbs., 28 gauge.....per box

PONDULAIS, Resquared and Branded, 12 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 216 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 272 lbs., 28 gauge.....per box

DAFENS, Resquared and Branded, 8 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 216 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 272 lbs., 28 gauge.....per box

NIAGARA, 8 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 216 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 272 lbs., 28 gauge.....per box

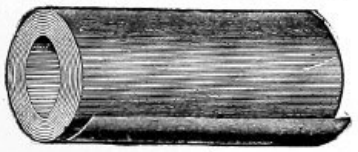
IROQUOIS, 8 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 200 lbs., 30 gauge.....per box $

14x20 in. sheets can be furnished if desired. For shipping weight, add 12 lbs. for box 20x28 in.

ROOFING TIN, SHEET STEEL, IRON AND ROOFING.

TANDEM ROOFING TIN.



DOVER.

	PER SQUARE
10 in., plain, 53 lbs. per square	$
10 in., painted one side, 53 lbs. per square	
14 in., plain 53 lbs. per square	
14 in., painted one side, 53 lbs. per square	
14 in., painted both sides, 53 lbs. per square	
20 in., plain, 53 lbs. per square	
20 in., painted one side, 53 lbs. per square	
20 in., painted both sides, 53 lbs. per square	

10, 14 AND 20 INCH, 100 SQUARE FEET IN A CRATE.

DIAMOND <A>

10 in., plain, 53 lbs. per square	$
10 in., painted one side, 53 lbs. per square,	
14 in., plain, 53 lbs. per square	
14 in., painted one side, 53 lbs. per square.	
14 in., painted both sides, 53 lbs. per square	
20 in., plain, 53 lbs. per square	
20 in., painted one side, 53 lbs. per square.	
20 in., painted both sides, 53 lbs. per square	

10, 14 AND 20 INCH, 100 SQUARE FEET IN A CRATE.

SHEET ZINC.

Nos.	9	9	9	9	
Size	24×84	26×84	28×84	30×84	in.
W't per cask	600	600	600	600	lbs.
Per pound	$				

Nos.	9	9	9	9	
Size	32×84	34×84	36×84	36×84	in.
W't per cask	600	600	600	300	lbs.
Per pound	$				

Nos.		9	9	12	
Size	36×84		36×84	36×84	in.
W't per cask	200		100	600	lbs.
Per pound	$				

Additional charge is made for casks containing less than 600 lbs., and for sheets.

For table of weights and gauges of sheet zinc, see page 970.

SHEET STEEL.

Common, One Pass Cold Rolled.

No. 16—24, 28 and 30×96 in.	per pound $
No. 18—24, 28 and 30×96 in.	"
No. 20—24, 28 and 30×96 in.	"
No. 22—24, 28 and 30×96 in.	"
No. 24—24×101 and 30×96 in	"
No. 25—24×101 in.	"
No. 26—24×101 in.	"
No. 27—24×101 in.	"
No. 28—24×101 in.	"
No. 29—24×101 in.	"

"OUR VERY BEST" Three Pass Cold Rolled

No. 26 [illegible]—24×101 in.	per pound $
No. 27 [illegible]—24×101 in.	"
No. 28 [illegible]—24×101 in.	"

WELLSVILLE Polished.

No. 24—28×101 in.	per pound $
No. 26—28×101 in.	"
No. 27—28×101 in.	"
No. 28—28×101 in.	"
No. 28—24×101 in.	"

JUNIATA, Galvanized.

No. 16—24, 28 and 30×96 in.	per pound $
No. 18—24, 28 and 30×96 in.	"
No. 20—24, 28, 30 and 36×96 in.	"
No. 22—24, 28, 30 and 36×96 in.	"
No. 24—24, 28, 30 and 36×96 in.	"
No. 26—24, 26, 28, 30 and 36×96 in.	"
No. 27—24, 26, 28, 30 and 36×96 in.	"
No. 28—24, 28, 30 and 36×96 in.	"
No. 30—28 and 30×96 in.	"

For U. S. Standard gauges of sheet steel, see table page 970.

APPROXIMATE WEIGHT PER BUNDLE, 160 LBS.

SHEET IRON.

WOODS' Refined, Both Sides Smooth.

No. 20—24, 28 and 30×96 in.	per pound $
No. 22—24, 28 and 30×96 in.	"
No. 24—24×101, and 24, 28 and 30×96 in.	per pound
No. 25—24×101 in.	"
No. 26—24×101, and 24, 28 and 30×96 in.	per pound
No. 27—24×101, and 24, 28 and 30×96 in.	per pound
No. 28—24×101 and 28×96 in.	"

Charcoal Smooth.

No. 20—24, 28 and 30×96 in.	per pound $
No. 22—24, 28 and 30×96 in.	"
No. 24—24, 28 and 30×96 in.	"
No. 26—24, 28 and 30×96 in.	"
No. 27—24, 28 and 30×96 in.	"

For U. S. Standard gauge of sheet iron, see page 970.

PLANISHED IRON.

WOODS'.

Gauge	28	27	26	
W't per sheet	9	9½	10	lbs.
A grade	per pound $			
B grade	"			

Gauge	25	24	
W't per sheet	10½	10¾	lbs.
A grade	per pound $		
B grade	"		

"A" grade is 28x60 in., all sheets full size. "B" grade is 28 in. wide but varies in length below 60 in.

PACKED IN SHEET IRON CASES OF ABOUT 240 POUNDS EACH.

23 Gauge—Planished iron jacket for locomotives, 28×56, 60, 72 and 84 in., for mill shipment. ★ per pound $

★*For mill shipment only.*

For U. S. Standard gauge of sheet iron, see table page 970.

SHEET STEEL ROOFING.

Roll and Cap.

Painted—28 gauge, approximate w't per roll 77 lbs. per roll $

Galvanized—28 gauge, approximate w't per roll 93 lbs. per roll

Heavier gauges furnished if desired.

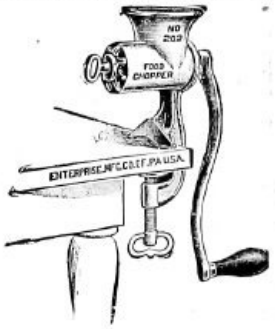
The distinctive feature of this roofing is the locking of the cleats into the cap, which holds it firmly to the standing seam. The construction is simple, and is easily and rapidly laid. The metal caps are made in 2 to 6 ft. lengths, which we furnish with each square, cleats included. Each roll is 50 ft. long; the covering width is 24 in., and will lay 100 sq. ft. on building.

Caps and cleats shipped unless otherwise instructed.

Tools necessary to lay are: 1 edging tong, 1 cap seamer, 1 pair snips. These are charged for when sent and if returned in good order, free of expense to us, we will refund the full amount.

MEAT AND FOOD CHOPPERS, STUFFER ATTACHMENTS, ETC.

ENTERPRISE FOOD CHOPPERS.



Tinned Iron, with Clamp, Phosphor Bronze Bearing.

No. 101—Cylinder 1¾×3 in., height 5 in., furnished with 3 cutters, coarse, medium and fine, w't per doz. 54 lbs., per dozen $15.00

No. 202—Cylinder 1¾×3½ in., height 5 in., furnished with 3 cutters, coarse, medium and fine, chops 2 lbs. per minute, w't per doz. 66 lbs. ..... per dozen 18.00

No. 303—Cylinder 2×4 in., height 7 in., furnished with 3 cutters, coarse, medium and fine, chops 4¾ lbs. per minute, w't per doz. 90 lbs. ..... per dozen 27.00

These choppers are intended for general use and will chop almost anything. They are exceptionally well made, easily cleaned, do quick and perfect work, and can be taken apart and cleaned almost instantly. The phosphor bronze bearing prolongs the life of the machine very materially, also adds to the ease in operating.

NOS. 101 AND 202, ONE DOZEN; NO. 303, HALF DOZEN IN A CASE.

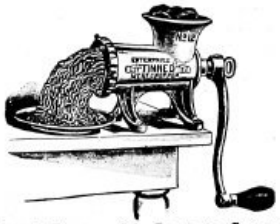
ENTERPRISE MEAT CHOPPERS.

Tinned Iron, with Screw Clamp.

No. 5—Cylinder 1⅞×4 in., height 6 in., chops 1½ lbs. per minute, w't 4⅝ lbs. ..... each $1.75

No. 10—Cylinder 2 1/16×6 in., height 7½ in., chops 3 lbs. per minute, w't 8 lbs. ..... each 2.50

SIX IN A CASE.



Tinned Iron, with Legs to Screw.

No. 12—Cylinder 2½×6 in., height 6½ in., chops 3 lbs. per minute, w't 9 lbs. ..... each $ 2.25

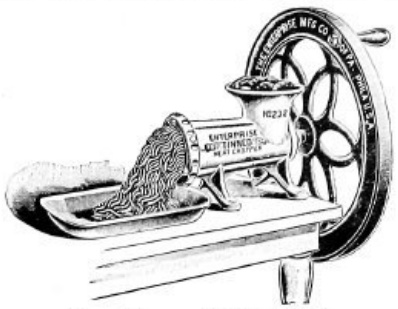
No. 22—Cylinder 3×7½ in., height 7 in., chops 4 lbs. per minute, w't 13 lbs. .. each 4.00

No. 32—Cylinder 3½× 9 in., height 7½ in., chops 5 lbs. per minute, w't 20½ lbs. ..... each 5.00

No. 42—Cylinder 4×12 in., height 9½ in., chops 6 lbs. per minute, w't 46½ lbs. ..... each 17.50

NOS. 12 TO 32, SIX; NO. 42, THREE IN A CASE.

ENTERPRISE MEAT CHOPPERS.



Tinned Iron with Fly Wheel.

Nos	222	232	0242	
Cylinder	3×7½	3½×9	4×12	in.
Height	7	7½	9½	in.
Capacity per min.	4	5	6	lbs.
Diam. fly wheel	17	20	25	in.
Weight	27	38	76	lbs.
Each	$6.00	8.00	22.50	

No. 0242 chopper is recommended for chopping pork only.

ONE IN A CASE.

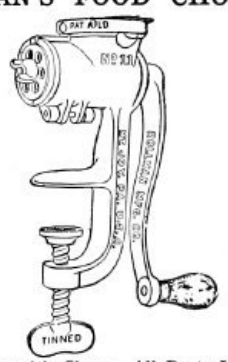
ENTERPRISE STUFFER ATTACHMENTS.

For Enterprise Meat Choppers, Spun Brass, Nickel Plated.

Nos	5	10	12	
W't per doz.	1¼	1½	1½	lbs.
Per dozen	$5.50	6.00	6.00	
Nos		22	32	
W't per doz.		2	2½	lbs.
Per dozen		$7.50	8.75	

ONE DOZEN IN A BOX.

ROLLMAN'S FOOD CHOPPERS.



Tinned Iron, with Clamp, All Parts Interchangeable.

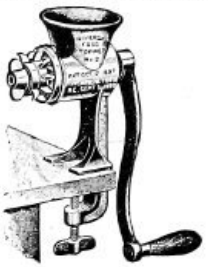
No. 11—Cylinder 1⅛×2¼ in., height from table 3¼ in., 4 steel cutters, coarse, medium and fine, chops ½ lb. of raw meat per minute, w't per doz. 16 lbs. ..... per dozen $6.00

No. 12—Cylinder 1¾×2½ in., height from table 3¾ in., 4 steel cutters, coarse, medium and fine, chops 1 lb. raw meat per minute, w't per doz. 30 lbs. ..... per dozen 8.65

Four cutters accompany each machine, one coarse enough for hash, one fine enough for Hamburg steak, one for very fine meat chopping, pulverizing spices, etc., and one for nut butter. It is simple in construction and easy to clean.

HALF DOZEN IN A PASTEBOARD BOX.

UNIVERSAL FOOD CHOPPERS.



Chops all kinds of meat, fruit and vegetables, coarse or fine as desired, into clean cut, uniform pieces. Cutting parts are so constructed that any wear tends to keep them always sharp. Whatever is being chopped lubricates all bearings where friction occurs.

All Parts Tinned and Interchangeable.

No. 0—Cylinder 1½×2½ in., height 5 in., for small family, furnished with 3 cutters, coarse, medium and fine, chops 1½ lbs. per minute, w't per doz. 46 lbs. ..... per dozen $21.60

No. 1—Cylinder 2×3 in., height 5½ in., for medium family, furnished with 3 cutters, coarse, medium and fine, chops 2 lbs. per minute, w't per doz. 60 lbs. ..... per dozen 24.00

No. 2—Cylinder 2×3 in., height 6 in., for large family, furnished with 3 cutters, coarse, medium and fine, chops 2½ lbs. per minute, w't per doz. 68 lbs. ..... per dozen 27.00

No. 3—Cylinder 2⅜×4 in., height 7¼ in., for hotel, restaurant and market, furnished with 4 cutters, very coarse to very fine, is so made that a stuffing attachment may be used when desired, w't per doz. 116 lbs. ..... per dozen 36.00

HALF DOZEN IN A CASE.

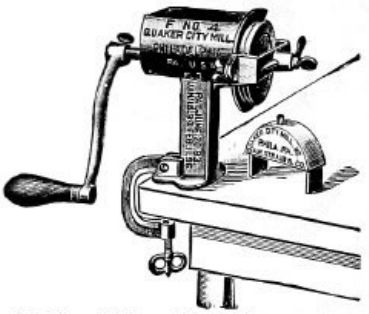
UNIVERSAL STUFFER ATTACHMENTS.

No. 2—For No. 2 food choppers, w't per doz. 1½ lbs. ..... per dozen $4.00

No. 3—For No. 3 food choppers, w't per doz. 1¾ lbs. ..... per dozen 5.00

ONE IN A PASTEBOARD BOX.

PEANUT MILLS.



For Grinding Coffee, Grain, Drugs, etc., and Making Peanut Butter.

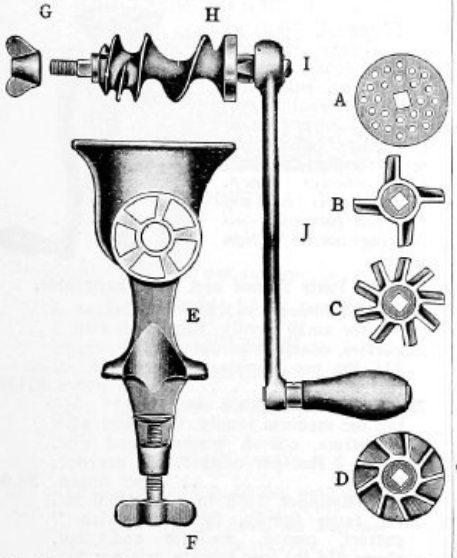
No. 4—Tinned iron, with clamps 5 in. cylinder, height 8 in., 4 in. grinding discs, capacity 5 lbs. peanut butter per hour, weight 10 lbs. ..... each $4.00

No. 40—With hopper, otherwise same as No. 4, weight 10½ lbs. ..... each 5.50

These mills will grind peanuts and all kinds of nuts, corn; soaked, soft and ground wet; all wet and oily substances; coffee, corn meal, cracker dust, bread crumbs, cracked wheat and oats, raw and cooked meats, carbonate of ammonia, all kinds of drugs, spices, herbs and roots; raisins for marmalade, etc.

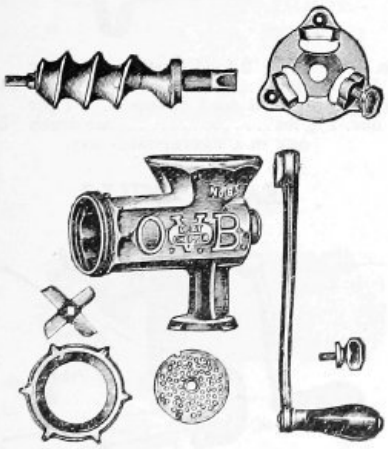
FOOD CHOPPER REPAIRS AND LARD PRESSES.

REPAIRS FOR O.V.B. FOOD CHOPPERS.



For Choppers Nos	7	70	700	7000
	Each			
"A" Perforated cutter	$0.20	.20	.20	.25
"B" Coarse knife	.20	.20	.20	.25
"C" Medium knife	.20	.20	.20	.25
"D" Nut butter knife	.20	.20	.20	.25
"E" Body	.75	1.00	1.00	1.25
"F" Clamp screw	.15	.15	.15	.20
"G" Thumb	.10	.10	.10	.10
"H" Feed screw	.40	.50	.50	.60
"I" Crank screw and washer	.02	.02	.02	.02
"J" Crank	.25	.25	.25	.30

REPAIRS FOR O.V.B. MEAT CHOPPERS.



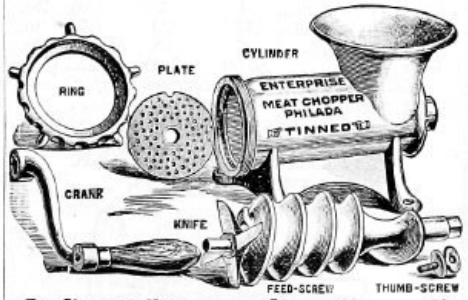
For Choppers Nos	8	83	80	85
	Each			
Body or cylinder	$1.00	1.00	1.50	1.25
Feed screw or worm	.35	.35	.55	.55
Knife	.15	.15	.18	.18
Plate 3/16, 1/4, 5/16, 3/8 in. holes	.20	.20	.35	.35
Plate 1/8 in. hole	★.40	★.40	★.50	★.50
Plate 5/64 in. hole	★.60	★.60	★.75	★.75
Ring	.18	.18	.25	.25
Crank	.18	.18	.20	.20
Thumb screw	.10	.10	.10	.10
Clamp	.20		.20	
Stud	.15	.15	.20	.15
Base plate		.30		.40
Base plate thumb screw		.10		.10

CONTINUED ON SECOND COLUMN.

REPAIRS FOR O.V.B. MEAT CHOPPERS.

For Choppers Nos	850	855	870	875
	Each			
Body or cylinder	$2.00	2.00	3.00	3.00
Feed screw or worm	1.00	1.00	1.50	1.50
Knife	.25	.25	.40	.40
Plate 3/16, 1/4, 5/16, 3/8 in. hole	.50	.50	.65	.65
Plate 1/8 in. hole	★.65	★.65	★1.30	★1.30
Plate 5/64 in. hole	★1.00	★1.00	★2.00	★2.00
Ring	.50	.50	.65	.65
Crank	.35	.35	.50	.50
Thumb screw	.10	.10	.20	.20
Stud	.20	.20	.30	.30
Base plate	.50	1.75	.75	2.00
Base plate thumb screw	.10	.10	.10	.10
Large gear		★1.25		★1.25
Small gear		★.60		★.60

REPAIRS FOR ENTERPRISE MEAT CHOPPERS.



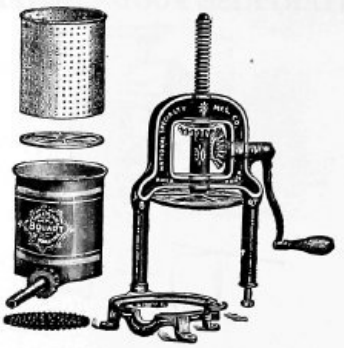
For Choppers Nos	5	10	12
	Each		
Cylinder	$1.00	1.50	1.25
Feed screw	.35	.55	.55
Knife	.15	.18	.18
Plate 3/16, 1/4, 5/16, 3/8 in. hole	.20	.35	.35
Plate 1/8 in. hole	★.40	★.50	★.50
Plate 5/64 in. hole	★.60	★.75	★.75
Ring	.18	.25	.25
Crank	.18	.20	.20
Thumb screw	.10	.15	.15
Cross bar and washer	.10	.20	
Clamp screw	.20	.20	
Stud	★.15	★.20	★.20
For Choppers Nos	**22**	**32**	**42**
	Each		
Cylinder	$2.00	3.00	★8.50
Feed screws	1.00	1.50	★5.00
Knife	.25	.40	★.50
Knife for fat, tool steel			★2.00
Plate 3/16, 1/4, 5/16, 3/8 in. hole	.50	.65	★3.00
Plate 1/8 in. hole	★.65	★1.30	★3.60
Plate 5/64 in. hole	★1.00	★2.00	★7.50
Ring	.50	.65	★2.00
Crank	.35	.50	★.85
Thumb screw	.15	.20	★.30
Stud	★.25	★.30	★.75
Fly wheel and handle	3.25	4.65	★7.00

PARTS FOR ENTERPRISE LARD PRESSES.

Nos	15	25	35
	Each		
Arch	$1.00	1.50	1.75
Iron cylinder	1.50	2.00	3.00
Rack or screw	★1.00	★1.25	★1.50
Plunger plate, large	.25	.35	.70
Plunger plate, small	.25	.35	.70
Tin cylinder	.50	.75	1.00
Crank	.25	.40	.40
Small cog with shaft	.25	.50	.50
Large cog with shaft	.25	.50	.50
Cast strainer plate	.25	.30	.60
Spout	.40	.40	.40
Side bolts....per pair	★.25	★.35	★.45
Spout holder	.20	.20	.20
Screw and washer for crank	★.10	★.10	★.10
Latch	★.10	★.10	★.10

★*FACTORY SHIPMENT ONLY.*

FRUIT AND LARD PRESSES.



National, Cast Iron, Japanned and Striped.		
Nos	015	025
Qts	2	4
Diam. cylinder	5½	6½ in.
Height cylinder	5½	7 in.
Weight	25	40 lbs.
Each	$4.50	5.50
Nos	**030**	**035**
Qts	6	8
Diam. cylinder	7½	8½ in.
Height cylinder	8	9 in.
Weight	50	62 lbs.
Each	$6.25	7.00

Single swinging arch, removable cylinder and perforated tin strainer, two removable iron plunger plates, one perforated iron strainer plate, 6 in. nickel plated brass stuffer tube. The large solid plunger plate is used in sausage stuffing and the perforated and small plunger plates in pressing lard or fruit. All parts are carefully fitted and interchangeable.

ONE IN A CASE.

Nos	15	25	35
Qts	2	4	8
Diam. cylinder	5½	6½	8½ in.
Height cylinder	5½	7	9 in.
Weight	30	45	62 lbs.
Each	$4.50	5.50	7.00

There are two plunger plates. The small plunger is used in connection with the perforated cylinder and perforated plate in pressing lard or fruit. The large plunger plate is used in stuffing sausage. All parts are interchangeable.

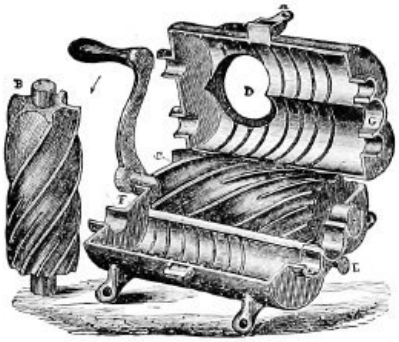
ONE IN A CASE.

REPAIRS FOR UNIVERSAL FOOD CHOPPERS.

For Choppers Nos	0	1	2	3
Cranks.....each	$0.20	.20	.20	.30
Thumb nuts	.10	.10	.10	.10
Reversible cutters	.30	.30	.30	
Fine cutters	.20	.20	.20	.25
Medium cutters	.25	.25	.25	.25
Coarse cutters	.25	.25	.25	.25

MEAT CHOPPERS, CHEESE CUTTERS, PRESSES, ETC.

HALE'S MEAT CHOPPERS.



Cast Iron, Japanned Outside.

Nos	111	112	113
Cylinder	5	6	7½ in.
W't per doz.	80	138	216 lbs.
Per dozen	$27.00	33.00	45.00

NOS. 111 AND 112, HALF DOZEN; NO. 113, ONE THIRD DOZEN IN A CASE.

RAILROAD SAUSAGE STUFFERS.

Japanned Iron Base, Tin Cylinder.

No. 5—3½×8 in. cylinder, family size, w't per doz. 130 lbs. ..... per dozen $15.00

HALF DOZEN IN A CASE.

PERRY'S SAUSAGE STUFFERS.

Cast Iron Japanned, Tin Spout.

No. 1—Diam. of cylinder 3½ in., handle 22 in., w't per doz. 122 lbs. . per dozen $15.00

No. 0—Diam. of cylinder 4½ in., handle 25 in., w't per doz. 190 lbs. . per dozen 21.00

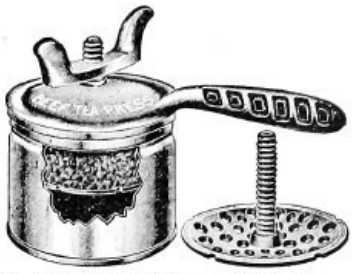
HALF DOZEN IN A CASE.

SMOKED BEEF SHAVERS.

No. 23—ENTERPRISE. 16 in. channel, 12 in. blade, improved, adjustable, japanned, with self sharpening device, w't 29½ lbs. ..... each $8.00

The knife works like a pendulum allowing clean, fast work; automatic feed can be regulated for slices from 1 1/8 in. to a tissue thickness.

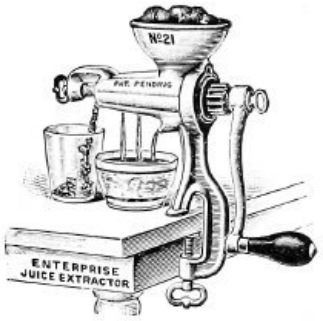
BEEF TEA PRESSES.



No. 43—Nickel plated frame, 3×2½ in., tin cylinder, open bottom, for extracting juice from meat, w't per doz. 12 lbs. ..... per dozen $6.00

THREE DOZEN IN A CASE.

MEAT JUICERS.

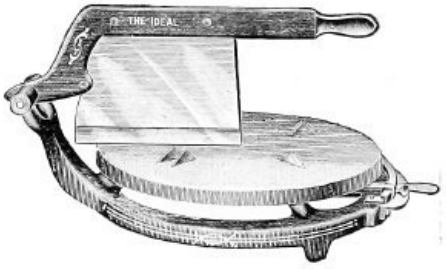


Enterprise.

No. 21—Tinned, length 9 in., height 12 in., w't 7 lbs. ..... per dozen $24.00

This machine is adapted for the extraction of juice from meat. The machine being tinned, no metallic or inky flavor will be imparted to the material used. The dryness of refuse can be regulated by a thumb screw at the outlet.

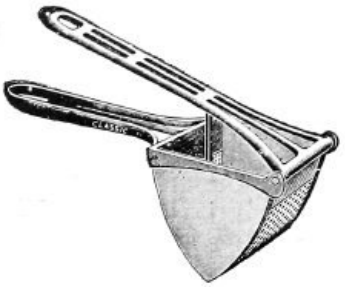
IDEAL CHEESE CUTTERS.



No. 10—Cast iron enamel frame, nickel trimmings, heavy steel blade well tinned to prevent rusting, blade 9¼ in., wood table 16 in., w't 57 lbs. ..... each $15.00

No intricate scale to figure out. The dealer knows the total cost of his cheese; he adds to this the amount of profit he expects to make and sets the computing lever on the total selling price and tightens the thumb screw, at the left of the scale. After this has been done each full stroke of the operating lever moves the cheese so that a five cent piece may be cut off, two full strokes ten cents' worth, etc. The Ideal has none of the complicating features of many other cheese cutters, but is simple, reliable, accurate and very strong.

VEGETABLE AND FRUIT PRESSES.



No. 55—Japan'd *steel* frame, w't per doz. 9 lbs. ..... per dozen $5.00

No. 57—Tinned *malleable* iron frame, w't 10½ lbs. ..... per dozen 7.00

No. 65—Japanned malleable iron frame 12 in., perforated tin cylinder 3½×3¼ in., w't per doz. 17 lbs., per dozen $6.00

THREE DOZEN IN A CASE.

FRUIT PRESSES.

No. 34—ENTERPRISE, tinned, length 12½ in., height 13½ in., w't 12½ lbs. ..... per dozen $36.00

This machine is superior to all others for making wine, jellies and fruit butters from berries of all kinds, grapes, currants, tomatoes, quinces, pineapple, etc. It extracts juice and ejects the skins and seeds in one operation. The dryness of the pulp or refuse can be regulated by the thumb screw at the outlet.

SIX IN A CASE.

RAISIN SEEDERS.

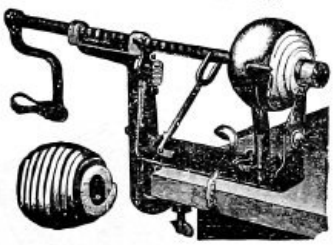
No. 4—CROWN, family, tinned, 7 in., w't per doz. 35 lbs. ..... per dozen $12.00

THREE DOZEN IN A CASE.

Will seed a pound of raisins in 5 minutes. The raisins should be sprinkled into the hopper as fast as the roller will grasp them. Simple in construction, easily adjusted and will do rapid work.

PARERS, SLICERS, STONERS, ETC.

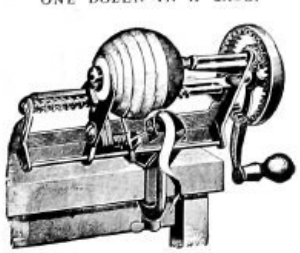
APPLE PARERS.



No. 80—WHITE MOUNTAIN, apple parer, corer and slicer, with push-off, lacquered, height 4 in., w't per doz. 25 lbs., per dozen $7.00
This machine pares and slices at the same time or can be used to pare only.
ONE DOZEN IN A CASE.

No. 98—GOODELL'S, turn table, apple parer with automatic push-off, lacquered, height 8 in., w't per doz. 45 lbs. ..... per dozen $9.00
The above parer is superior to all others for household use where paring only is desired.
ONE DOZEN IN A CASE.

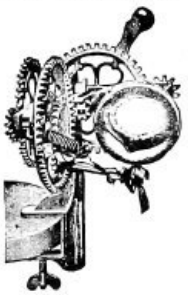
No. 78—READING, apple parer, upright, with covered works, lacquered, height 8½ in., w't per doz. 70 lbs., per dozen $10.00
The oldest and best known apple parer made. The mechanism is arranged so that the juice and peelings fall below the parer, not on it.
ONE DOZEN IN A CASE.



No. 90—GOODELL'S BAY STATE, FAMILY, apple parer, corer and slicer, with automatic core push-off, lacquered, height 5¾ in., w't per doz. 60 lbs., per dozen $19.00
HALF DOZEN IN A CASE.

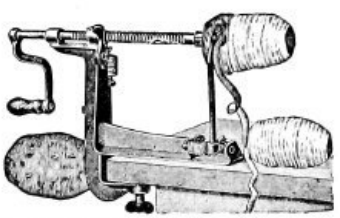
PEACH AND APPLE PARERS.

No. 65—SCOTT'S, peach and apple parer, detachable from stand, with rotary knife, lacquered, height 5½ in., w't per doz. 52 lbs., per dozen $18.00
The only successful peach parer made.
ONE DOZEN IN A CASE.



POTATO PARERS.

No. 1—GOODELL'S SARATOGA, potato parer and slicer, lacquered, height 10½ in., removes eye and slices at one operation, w't per doz. 30 lbs., per dozen $9.00
ONE DOZEN IN A CASE.



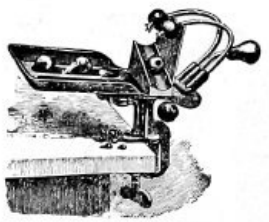
No. 2—GOODELL'S SARATOGA, potato parer, lacquered, 5½ in., removes the eye perfectly, w't per doz. 25 lbs., per dozen $9.00
ONE DOZEN IN A CASE.

FRUIT AND VEGETABLE SLICERS.

Will Slice All Kinds of Fruits and Vegetables.

No. 5—STERLING, walnut bronzed frame with screw clamp, height 12 in., heavy tempered steel double blades, nickel plated adjustable disc, diam. 8 in., safety feed, w't per doz. 96 lbs., per dozen $24.00
Slices all kinds of vegetables and fruits—any thickness—all slices even. Makes the best cold slaw and Saratoga chips, recuts for French fried potatoes, squares for soups, etc. Prepares vegetables in squares or strips for cooking. Slices sausages and cooked meats. Cuts up anything for salads, meat for meat pies, material for pickles. Well protected and is easily taken apart for cleaning or brushing.
HALF DOZEN IN A CASE.

CHERRY STONERS.



No. 3—GOODELL'S, family, lacquered, height 5 in., w't per doz. 18 lbs., per dozen $6.50
This machine removes stones from cherries two at a time, without grinding or mashing the fruit.
ONE DOZEN IN A CASE.

This cherry stoner will seed from 20 to 30 qts. per hour. It picks the cherry up, drives the seed out, leaves the fruit whole and throws it into a dish, there being no grinding, mashing or loss of juice.

No. 5—ROLLMAN, tinned, with screw clamp, height 10½ in., w't per doz. 21 lbs. ..... per dozen $9.00
HALF AND ONE DOZEN IN A CASE.

Nos. 1 to 17.

No. 20.

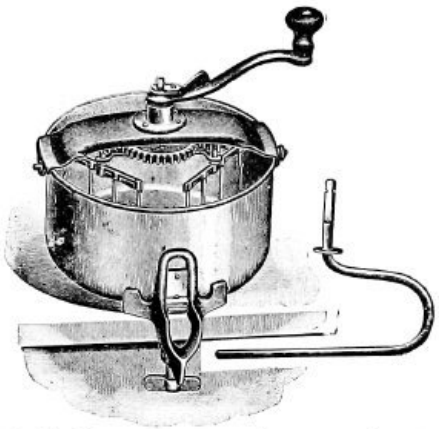
No. 1—ENTERPRISE, japanned, height 8 in., w't per doz. 50 lbs. ..... per dozen $8.00
No. 2—ENTERPRISE, tinned, height 9 in., w't per doz. 60 lbs. ..... per dozen 9.00
No. 17—ENTERPRISE, japanned, height 9 in., w't per doz. 60 lbs., per dozen 9.50
No. 20—10 in. high, bronze japan, adjustable to any size cherry, w't per doz. 40 lbs., ... per dozen 7.25
No. 17 is constructed with a regulating device, which is used to adjust machine for different sizes of cherries.
TWO DOZEN IN A CASE.

Will stone cherries with least possible cutting or disfiguring. The crank is easily turned and the plunger removes seeds without loss of juice. Seeds 30 to 40 quarts of cherries per hour. Also seeds grapes nicely.

No. 50—NEW STANDARD, TINNED iron, height 8 in., w't per doz. 40 lbs., per dozen $9.00
ONE IN A BOX.

UNIVERSAL CAKE AND BREAD MAKERS.

CAKE MAKERS.



No. 5—Wrought steel, one piece stamped bowl with extra kneading rod, all parts heavily tinned, capacity 4 qts. or less, w't per doz. 96 lbs.....per dozen $21.00

For every revolution of the crank the beaters revolve five times, insuring rapid, uniform and thorough mixing of the materials. Being entirely open, the mixing process is easily watched, and flavoring, sugars, etc., can be added as required. It can easily be attached to the table and removed when through.

ONE IN A PASTEBOARD BOX; HALF DOZEN IN A CASE.

BREAD MAKERS.

No. 44—Heavy tin cover, sheet steel body with side clamp, height 10 in., diam. 11 in., w't per doz. 106 lbs., per dozen $24.00

The top of this bread maker is on a level with the table and it can be used by a person sitting down.

ONE QUARTER AND HALF DOZEN IN A CASE.

BREAD MAKERS.

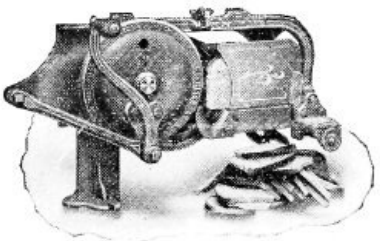
Heavy Tin Cover, Sheet Steel Body, With Bottom Clamps.

Nos	2	4	8
Capacity	2	4	8 loaves
Height	9	10	11⅞ in.
W't per doz.	57	104	168 lbs.
Per dozen	$16.25	24.00	27.00

ONE QUARTER AND HALF DOZEN IN A CASE.

These machines will mix and knead bread thoroughly in three minutes; without putting hands to the dough, so simple in construction that a child can operate them; very easily cleaned and can be easily attached to a table and removed when through. The dough may be left in the pail to raise, thereby doing away with the bread raiser.

BREAD SLICERS.



No. 50B—STERLING, size of cut 5½×5½ in., w't 56 lbs. ..... each $20.00

No. 70 —STERLING, size of cut 8½×7½ in., w't 90 lbs. ..... " 28.00

These slicers are a necessity where slicing of bread, meat, fruit, etc., is done in quantity. The cutting is done by a round tool steel knife of the highest grade, finely ground and tempered, which revolves as the carriage moves across the face of the material to be cut, both of which movements are produced by the rotary motion of the handle. The speed at which the knife travels makes it enter the work easily and cut through quickly any material, hard or soft, without squeezing, like a circular saw.

LEMON SQUEEZERS AND JUICERS.

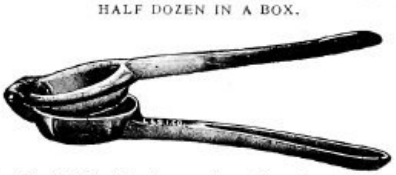
LEMON SQUEEZERS.

No. 6—White maple, hardwood ball, 2 in. cup, length 10 in., w't per doz. 7 lbs.....per dozen $1.75
THREE DOZEN IN A CRATE.

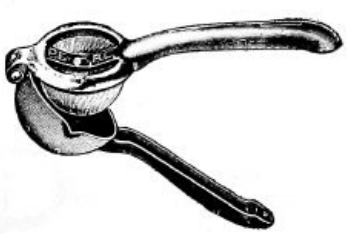
No. 9—White maple wood, porcelain ball and bowl, strap iron hinges, length 9½ in., w't per doz. 10 lbs., per dozen..... $3.00
THREE DOZEN IN A CRATE.

No. 5—Boss, malleable iron, tinned, length 8 in., w't per doz. 10 lbs., per dozen..... $1.75
HALF DOZEN IN A BOX.

No. 15—IMPROVED BOSS, malleable iron, heavily tinned, ribbed bowl and cone, length 9 in., w't per doz. 12 lbs., per dozen..... $2.25
HALF DOZEN IN A BOX.



No. 4—Malleable iron, heavily tinned frame and strainer bowl, length 10½ in., w't per doz. 20 lbs.....per dozen $3.25
HALF DOZEN IN A BOX.



No. 50—Malleable iron, nickel plated, hardwood ball plunger, length 8 in., w't per doz. 12½ lbs.....per dozen $3.00
HALF DOZEN IN A BOX.

LEMON SQUEEZERS.

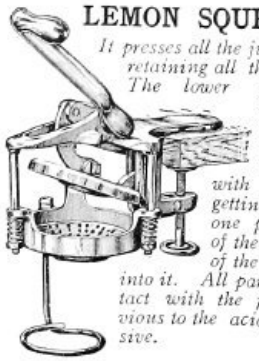
No. 100—Japanned iron frame, porcelain bowl resting on rubber ring, hardwood ball plunger, length 8½ in., w't per doz. 18 lbs.....per dozen $4.00
HALF DOZEN IN A BOX.

No. 14—Japanned iron frame, large glass cup with ribbed cone, length 10 in., w't per doz. 20 lbs.....per dozen $5.00
No. 140—Tinned malleable iron cup, otherwise same as No. 14, w't per doz. 19 lbs.....per dozen 5.00
Glass cup is easily removed and can be used separately as a juice extractor.
HALF DOZEN IN A BOX.

No. 22—LITTLE GIANT, malleable iron, tinned, with plate to retain lemon, length 9¼ in., w't per doz. 16 lbs., per dozen..... $8.00
HALF DOZEN IN A BOX.

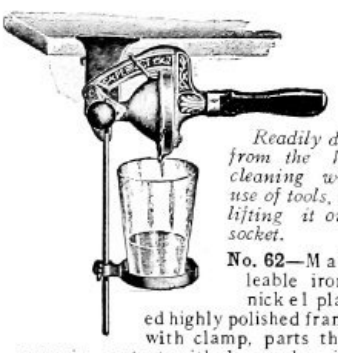
No. 10—Drum, japanned malleable iron frame, extra deep porcelain bowl, hardwood combination plunger and strainer, length 9½ in., w't per doz. 25 lbs.....per dozen $ 8.50
No. 12—Drum, nickel plated malleable iron frame, otherwise same as No. 10, per dozen..... 11.50
ONE IN A BOX.

LEMON SQUEEZERS.



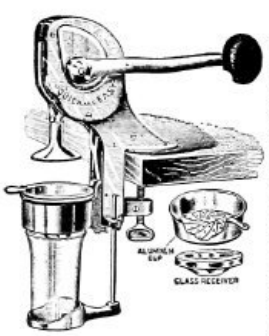
It presses all the juice from the fruit, retaining all the pulp and seeds. The lower presser block and strainer rest upon springs so as to work both large and small fruit with equal efficiency, getting all the juice with one positive movement of the lever without any of the bitter part getting into it. All parts coming in contact with the fruit are impervious to the acid and non-corrosive.

No. 52—UNIQUE, height over all 7 in., finished in duplex copper, nickel plated surface, w't per doz. 80 lbs., per dozen..... $48.00



Readily detached from the holder for cleaning without the use of tools, by simply lifting it out of the socket.

No. 62—Malleable iron, nickel plated highly polished frame with clamp, parts that come in contact with lemon heavily coated within and will not corrode, adjustable tumbler stand, w't per dozen 48 lbs,..... per dozen $35.00



The aluminum cup and glass juice receiver set in loosely and can instantly be removed, juice does not come in contact with metals, insuring absolute purity. The squeezer has a rotating movement adjusted so that it extracts every particle of juice.

No. 42—Nickel plated and highly polished, cast aluminum crusher head and cup, with clamp adjustable glass support, 21×16×13 in., w't per doz. 88 lbs.....per dozen $75.00
ONE IN A BOX.

LEMON JUICERS.

No. 1.

No. 2.

No. 1—Clear glass, ribbed cone, strainer base, for use on tumbler, w't per doz. 4 lbs.....per dozen $1.00
No. 2—Clear glass, ribbed cone, deep saucer, w't per doz. 10 lbs., per dozen 2.00
NO. 1, ONE-THIRD DOZEN; NO. 2, HALF DOZEN IN A BOX.

ICE PICKS, CHISELS, SHREDDERS, ETC.

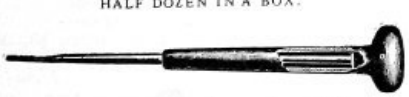
ICE PICKS.

No. 5—Tempered steel needle point, large maple head, length 9¼ in., w't per doz. 2 lbs.....per dozen $1.50
ONE DOZEN IN A BOX.

No. 3—Tempered steel needle point, hardwood handle, nickel plated iron head, length 9 in., w't per doz. 4 lbs., per dozen..... $1.50
ONE DOZEN IN A BOX.

No. 6—Tempered tool steel, 1½ in. tapered point, flat screw driver handle of hardwood, length 9½ in., w't per doz. 3 lbs.....per dozen $2.00
Flat handle for iceman's use, fits in the pocket.
HALF DOZEN IN A BOX.

No. 2—Tempered tool steel, nickel plated, 3½ in. evenly tapered needle point, imitation cocobolo handle, length 8¼ in., w't per doz. 1¾ lbs.....per dozen $2.00
HALF DOZEN IN A BOX.



No. 18—Tempered steel needle point, japanned iron sliding handle, length closed 8¾ in., w't per doz. 7 lbs., per dozen..... $3.00
HALF DOZEN IN A BOX.

No. 80—Tempered tool steel, nickel plated, 1½ in. taper needle point, hardwood handle with heavy tinned cap, length 9½ in., w't per doz. 9 lbs., per dozen..... $3.50
ONE DOZEN IN A BOX.

No. 700.

No. 7—Hurwood, polished tempered steel needle point running through handle, riveted and headed, 3 in. drawn point, ebonized handle, diam. 1¼ in., polished steel ferrule, length 9¾ in., w't per doz. 1½ lbs., per dozen $4.00

No. 70—Hurwood, 4½ in. drawn point, ebonized handle, diam. 1½ in., otherwise same as No. 7, except that it is a heavier and stronger pick, w't per doz. 2½ lbs.....per dozen 4.50

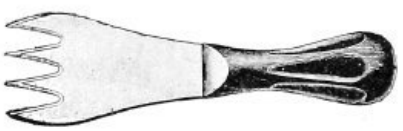
No. 700—Hurwood, 4½ in. drawn point, ebonized handle, diam. 1½ in., ⅝ in. nickel plated octagon steel ring, forced and riveted on handle, otherwise same as No. 7, w't per doz. 3½ lbs., per dozen 5.50

The ring serves as an ice breaker and also prevents pick from rolling.
ONE DOZEN IN A BOX.

ICE PICKS.

No. 1—, fine tool steel, entire length forged and gradually tapering to needle point with proper temper to spring without bending, heavy blued steel ferrule, large hardwood ebonized handle, pick 6 in., entire length 10½ in., w't per doz. 6 lbs.....per dozen $5.50
The smooth gradual taper of this pick gives it a penetrating power unequaled by any other pick on the market.
ONE DOZEN IN A BOX.

ICE CHISELS.



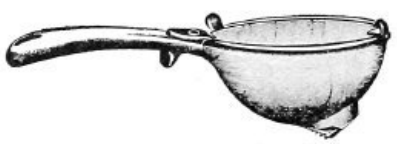
No. 25—Cast steel polished blade, cast iron handle, black japanned, length 7½ in., w't per doz. 8½ lbs., per dozen $1.75
ONE DOZEN IN A BOX.

No. 100—Polished steel blade, natural finish hardwood handle, nickel plated cast iron cap, length 8½ in., w't per doz. 7 lbs.....per dozen $1.75
ONE DOZEN IN A BOX.

No. 50—Nickel plated steel blade, fancy hardwood handle, nickel plated, malleable iron cap, length 10 in., w't per doz. 6½ lbs.....per dozen $2.75
ONE DOZEN IN A BOX.

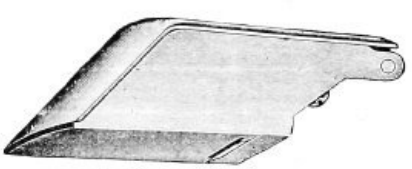
ICE SHREDDERS.

No. 9—Tinned bowl, 2¾ in. diameter, cast teeth chilled and ground, w't per doz. 7 lbs.....per dozen $2.50
ONE DOZEN IN A BOX.



No. 10—Tinned bowl, 3¾ in. diam., patent self emptying cover, tempered steel knife tooth edge, length 7¼ in., w't per doz. 13 lbs.....per dozen $6.00
HALF DOZEN IN A BOX.

ICE SHAVES.



No. 3—Tinned iron, adjustable tool steel knife, which is removable for sharpening, length 6½ in., w't per doz. 23 lbs., per dozen..... $6.50
HALF DOZEN IN A BOX.

ICE CHIPPERS.

No. 6—Tinned cast head, four tool steel teeth, sharpened and tempered, hardwood handle, held to head by large bolt, which runs through handle, length 10 in., w't per doz. 14 lbs....per dozen $7.50

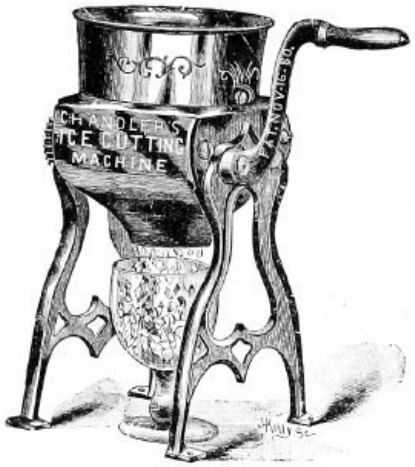
ICE CHISELS.

No. 14— 6 in. blade, 9 in. handle, w't per doz. 12 lbs.....per dozen $ 9.50
No. 19— 9 in. blade, 10 in. handle, w't per doz. 16 lbs..... " 12.50
No. 22—16 in. blade, 20 in. handle, w't per doz. 20 lbs..... " 15.50
The blade is made of tool steel fully tempered and polished; the teeth are properly shaped and ground to a knife-like edge, elegantly finished hardwood handle.
ONE-QUARTER DOZEN IN A BOX.

No. 600—Heavy forged steel blade, 8×4¼ in., half polished, teeth properly shaped and ground to a knife edge, hardwood handle with malleable D, length 42 in., w't per doz. 42 lbs.....per dozen $20.00

ICE CUTTING AND BREAKING MACHINES.

ICE CUTTING MACHINES.



Chandler's Improved.

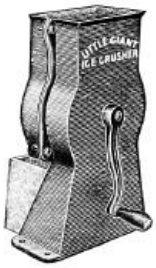
No. 1 —Counter size, height 10 in., w't 7½ lbs.....each $ 6.00
No. 2 —Family size, height 15 in., w't 14 lbs.....each 8.50
No. 2½—Hotel size, height 18 in., w't 25 lbs.....each 13.50
No. 3 —Confectioners' size, height 24 in., w't 85 lbs.★.....each 34.00

No. 1 is a small, compact, simple, strong and cheap machine, which cuts the ice into small diamond-shaped pieces with the utmost ease and rapidity. Can be attached by screws to any table, counter or shelf, and occupies a space only 8 in. square.

No. 2½ stands 18 in. high, occupying a space 8×11 in., and will take in a piece of ice weighing 12 lbs.

No. 3 stands 2 ft. high, occupying a space 15 in. square, and will take in a cake of ice weighing 25 lbs.

Special attention is called to the two largest sizes, No. 2½ and No. 3, designed for hotels and confectioners, hospitals and other institutions where crushed ice is used in quantities for table, ice cream and other purposes.



Showing Drum used on all Little Giant Machines.

Little Giant.

No. 0—Hopper 4×6 in., height 18 in., with pan to receive crushed ice, w't 30 lbs.....each $7.50

The blades of drum are fastened to the cylinder wheels on the spiral plan. These blades are made of best tool steel and are shaped and set that just so much ice feeds through as the cylinder revolves. The steady cutting makes the machine easy to operate.

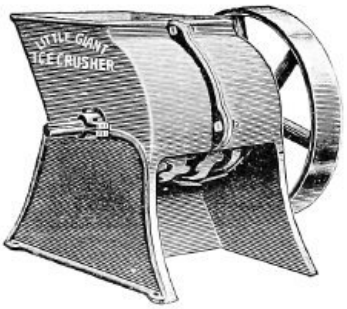
In operation the ice is placed directly on the cylinder and feeds through very rapidly of its own weight. The ice, as it leaves the machine, is in uniform pieces that are longer and wider than they are thick, these flat pieces pack very evenly, making the ice effective in the highest degree.

ICE BREAKING MACHINES.

No. 5.

No. 5 —Hopper 8½×12 in., height 46 in., floor space 24×24 in., capacity 150 to 300 lbs. per minute, hand power, w't 270 lbs.★.....each $35.00
No. 5P—For power, with tight and loose pulleys, diameter 2½ in., face 2½ in., tight pulley has handle so that it can also be operated by hand, otherwise same as No. 5★.....each 40.00

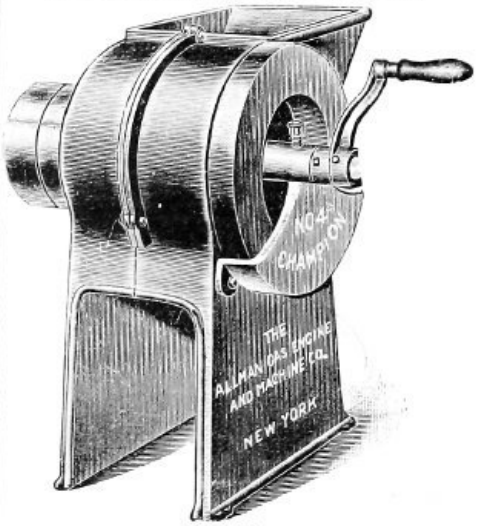
When ordering state whether fine or coarse cut is desired.



No. 7—For power, hopper 11×12 in., height 29 in., floor space 24×24 in., pulley 24 in., face 4 in., requires about one horse power and can also be operated by hand, capacity 7 ton per hour, w't 500 lbs.★.....each $60.00

These machines are regularly furnished with but one tight pulley. If requested loose pulley will be furnished without extra charge. The shaft extends long enough on each side so that either one or two pulleys can be used on either side.

ICE BREAKING MACHINES.



No. 4P.

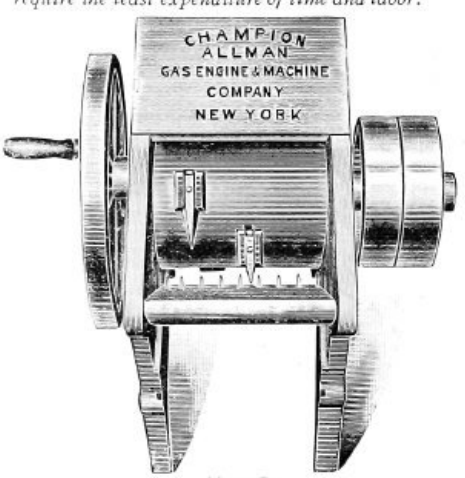
No. 4 —Hand power only, fly wheel with crank, will break ice 11×14 in., of any length, height 30 in., width between frames 11 in., floor space 2×2 ft., w't 350 lbs.★.....each $37.50
No. 4P—Hand and power, with 9×3 in., tight and loose pulleys, otherwise same as No. 4★.....each 42.00

As the ice enters the machine it is cut into smaller pieces by teeth which are mounted on a very heavy drum. This drum revolving very rapidly forces these smaller pieces against the comb, where they are further reduced to the size desired by the action of the teeth passing through the comb.

The teeth are made of the very best tempered steel and are drop forged to make them interchangeable. These teeth are fastened into dove-tailed lugs on the drum so that they become tighter from use, and yet may be easily removed for sharpening.

The comb is a reversible triangular with a row of teeth on each side spaced differently so as to regulate the size of the broken ice.

Champion Ice Breakers are very heavily constructed, the strain equally distributed, and require the least expenditure of time and labor.

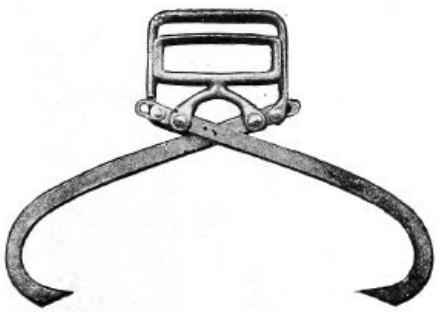


No. 2P.

No. 2 —Hand power only, rear outlet, fly wheel and crank, will break ice 14½×14½ in., of any length, height 33 in., width between frames 14½ in., floor space 3×2 ft., w't 750 lbs.★each $65.00
No. 2P—Hand and power, tight and loose pulleys, 14×3 in., otherwise same as No. 2★.....each 72.00

★*FACTORY SHIPMENT ONLY.*

ICE TONGS.



No. 7.

No. 5.

No. 6.

Nos. 1, 2 and 3.

No. 7—Family, made of $1\frac{3}{8} \times \frac{5}{8}$ in steel, cast handles, japanned, span 11 in., w't per doz. 21 lbs., - - - - per dozen $ 5.00

These tongs are to be used with one hand; especially adapted for picking up and throwing a cake of ice.

No. 5—Wrought steel, japanned, wood grips, self adjusting tongs, length 17 in., span 14 in., w't per doz. 17 lbs., - " 5.00
No. 6—Solid steel, malleable grips, self adjusting, length $15\frac{1}{2}$ in., span 16 in., w't per doz. 24 lbs., - - " 7.50
No. 1—Solid steel, forged, painted red, swelled grips, length 15 in., span 15 in., w't per doz. 45 lbs., - - - " 13.00
No. 2—Solid steel, forged, painted red, swelled grips, length 17 in., span 17 in., w't per doz. 54 lbs., - - - " 15.00
No. 3—Solid steel, forged, painted red, swelled grips, length 22 in., span 24 in., w't per doz. 72 lbs., - - - " 17.00

CINCINNATI CHAIN.

No. 12—File steel, concave grips, span 12 in., w't per doz. 21 lbs., - - - - - - - - - per dozen $11.50
No. 13—File steel, concave grips, span 13 in., w't per doz. 22 lbs., - - - - - - - - - " 12.50
No. 14—File steel, concave grips, span 14 in., w't per doz. 24 lbs., - - - - - - - - - " 13.50
No. 15—File steel, concave grips, span 15 in., w't per doz. 30 lbs., - - - - - - - - - " 15.50

Having the correct curve these tongs will hold securely at any span. The rivet is extra large and made of steel. Very easy working, will stand hard usage and especially adapted for handling large quantities of ice.

ICE CREAM FREEZERS.

H. S. B. & CO.'S "FRIGID."

Will Freeze in Three Minutes or Less.

Quarts	1	2	3	4	
W't	7	11	13	15	lbs.
Each	$2.40	2.80	3.30	4.00	
Fly Wheels, each				1.50	
Cranks, per doz.	5.00	5.00	6.00	6.00	
Quarts	**6**	**8**	**10**	**12**	
W't	18	27	31	32	lbs.
Each	$5.10	6.50	8.40	10.00	
Fly Wheels, each	1.50	3.00	3.00	3.00	
Cranks, per doz.	6.00	9.60	9.60	9.60	

The simple and perfect mechanism of the Frigid Freezer eliminates any possibility of its getting out of order and enables it to freeze smooth delicious cream in the shortest possible time. The power is conveyed from the crank to the can by means of a novel and effective gearing which moves almost without friction or noise. The gear frame can be instantly removed and replaced without the usual trouble, there being no gears on can top.

Salt Proof. Gearing is incased, and frame fits snugly over square projection on top of can, allowing no salt or other foreign substance to get into the cream, or anything to become entangled in the gearing.

Can. The body of the can is made of heavy charcoal tin plate, top and bottom are of iron heavily plated with pure block tin.

Dasher. On opposite sides of the stem, set in screw-like formation, are two rows of leaves. At right angles to the stem are four arms supporting two hardwood scrapers, which are constantly in contact with the sides of the can, scraping away the cream and throwing it to the center against the leaves, which in turn force it out to the sides. In this manner the cream is thoroughly mixed and kept entirely free from "soft spots" in the center or lumps on the outside. It is entirely free from angles or crevices in which cream could lodge and become sour and not be removed. A simple scalding is all that is necessary to clean it. The stem and leaves are heavily tinned so that there is no danger of the cream being tainted.

Tub. The tub is of selected material, waterproof and bound by heavy galvanized hoops.

IMPROVED ARCTIC.

Single Motion.

Quarts	1	2	3	
W't	5	10	12	lbs.
Each	$2.20	2.60	3.00	
Cranks, per doz.	3.40	5.30	5.30	
Quarts	**4**	**6**	**8**	
W't	13	18	22	lbs.
Each	$3.60	4.60	5.90	
Cranks, per doz.	6.70	6.70	6.70	
Quarts	**10**	**12**	**15**	
W't	24	42	47	lbs.
Each	$7.60	9.00	10.40	
Cranks, per doz.	6.70	17.30	17.30	

WHITE MOUNTAIN.

Triple Motion.

Quarts (Toy 1 pt.)		1	2	3	
W't	2½	6	13	14	lbs.
Each	$2.00	2.50	3.20	3.80	
Cranks, per doz.		3.40	5.30	5.30	
Quarts	**4**	**6**	**8**	**10**	
W't	16	23	27	29	lbs.
Each	$4.40	5.60	7.20	9.30	
Fly Wheels, each	1.50	1.90	2.30	3.00	
Cranks, per doz.	6.70	6.70	6.70	6.70	
Quarts	**12**	**15**	**20**	**25**	
W't	48	54	61	81	lbs.
Each	$11.70	14.00	18.00	23.20	
Fly Wheels, each	4.80	4.80	6.00	7.00	
Cranks, per doz.	17.30	17.30	17.30	19.20	

A strong waterproof tub, bound with heavy galvanized iron hoops; the gearing is completely covered; cans made of the very best quality of tin plate; beaters of malleable iron and tinned; all castings attached to tub, nicely galvanized to prevent rusting. Can moves in one direction, outside beater in opposite direction and the inside beater moving in a direction opposite that of the outside beater.

WHITE MOUNTAIN FLY WHEEL.

Hotel or Confectioners', Triple Motion.

Quarts	12	15	20	25	
W't	70	80	95	124	lbs.
Each	$16.50	18.80	24.00	30.50	

This machine is designed especially for hotels, cafes and ice cream parlors. It is the regular hand freezer, with fly wheel substituted in place of crank. Other power should never be used. It has the celebrated duplex dasher, with single self-adjusting wood scraping bar.

WHITE MOUNTAIN PLATFORM.

Quarts	20	25
W't	149	209 lbs.
Each	$39.00	46.00

The platform and stand are cast iron, nicely galvanized to prevent rust. When in use, the gear frame is fastened by latch bolt and thumb screw; when released it can be swung to either side, so tub and can may be removed. At a slight advance in price, a pulley can be substituted for fly wheel, shown in illustration, and a good power machine is produced. The pulley is 15¾x4¼, and the freezer should be operated at a speed of seventy-five revolutions per minute.

WHITE MOUNTAIN POWER.

Samson, Power.

Quarts	25	40
W't	292	432 lbs.
Each	$90.00	121.50

The platform and stand are of cast iron. The gear frame extends across the top of the tub, and is fastened by a latch bolt and thumb screw. When the frame is released it can be raised to an upright position, and is there held firmly. The can and tub may be removed and replaced at pleasure, while the frame is in this position.

The beaters are malleable iron and tinned, with single self-adjusting wood scraping bar. The tubs are exceedingly heavy and durable. The cans are of the heaviest tin plate. The pulleys on the 25 qt. are 10x4, and on the 40 qt. 16x5. The freezer should be operated at a speed of about seventy-five revolutions per minute.

ICE CREAM FREEZERS.

PEERLESS.

Three Minute Peerless.

Quarts.....(Toy 1 pt.)	1	2	3	
W't..... 3½	7	11	13	lbs.
Each.....$2.00	2.50	3.20	3.80	
Cranks, per doz..	5.00	5.00	6.00	

Quarts.....	**4**	**6**	**8**	**10**	
W't.....	15	18	27	31	lbs.
Each.....$4.40	5.60	7.20	9.30		
Fly Wheels, each..	1.50	1.50	3.00	3.00	
Cranks, per doz..	6.00	6.00	9.60	9.60	

Quarts.....	**12**	**16**	**20**	**25**	
W't.....	32	57	62	72	lbs.
Each.....$11.70	15.00	18.00	23.20		
Fly Wheels, each	3.00	5.00	5.00	7.00	
Cranks, per doz.	9.60				

The Peerless Iceland has the fewest parts of any freezer made, but all that are necessary for the effective freezing of smooth, delicious ice cream in three minutes.

Turn the crank and the can revolves around the stationary dasher. That is all there is to it. It is the simplest freezer made.

The reason this simple process turns out such smooth, delicious ice cream in three minutes is accounted for by the way it handles the cream, which is set in motion by the constantly revolving can.

FREZO.

Four Minute Frezo.

Quarts.....	**1**	**2**	**3**	**4**	
W't.....	7	10	13	14	lbs.
Each.....$2.20	2.60	3.00	3.60		
Cranks, per doz..	5.00	5.00	6.00	6.00	

Quarts.....	**6**	**8**	**10**	**12**	
W't.....	17	27	29	30	lbs.
Each.....$4.60	5.90	7.60	9.00		
Cranks, per doz..	6.00	9.60	9.60	9.60	

The Frezo freezer makes ice cream in four minutes. The dasher is of an improved type. It has double scrapers, around which the can revolves and sets the cream in motion. The Frezo is turned by gears fastened on the can top, and is the best constructed freezer of this type. The gears are covered, so that no salt or ice can get between the cogs or in the can.

The can may be revolved to harden the cream after the dasher has been removed.

PEERLESS FLY WHEEL.

Peerless Confectioners'.

Quarts.....	**16**	**20**	**25**	
W't.....	82	87	115	lbs.
Each.....$20.00	24.00	30.50		

This style is especially adapted for use in small hotels, cafes and ice cream parlors.

As in the smaller sizes, ice cream of the best quality can be made in one-half the time required by other freezers.

Tubs are 1¼ in. thick with heavy galvanized iron hoops.

Cans are made from extra heavy steel plate coated with pure tin, with strong steel ring around the top and heavy cast iron bottom well tinned.

Tub top is extra heavy and well galvanized.

PEERLESS POWER.

Quarts.....	**25**	**40**	
W't.....	280	420	lbs.
Each.....$96.00	150.00		

Iron column and base cast in one piece. Double geared, requires very little power. Driving shaft is fitted with tight and loose pulley. Tub and can are released by lifting one end of the tub top to vertical position, which does away with any machinery over tub and can and leaves it entirely free for examination and removal. Bearings and gears (covered) amply large and perfectly fitted. Has the Peerless patent dasher (no complicated machinery) and freezes in ten minutes. Cans extra heavy tin.

WATER COOLERS.

Japanned, Assorted Colors, Nickel Plated Lever Faucet, Galvanized Reservoir.

Nos.	202	203	204	
Gallons	2	3	4	
Weight	18	22	31	lbs.
Each	$2.50	3.00	3.75	

Nos.	206	208	210	
Gallons	6	8	10	
Weight	35	51	58	lbs.
Each	$4.50	5.75	6.25	

ONE IN A CASE.

Fancy Japanned, Assorted Colors, Nickel Plated Self-Closing Telegraph Faucet, Galvanized Reservoir, Heavy Cast Side Handles.

Nos.	102	103	104	106	
Gallons	2	3	4	6	
Weight	14	24	35	40	lbs.
Each	$3.00	3.75	4.50	5.00	

Nos.	108	110	115	
Gallons	8	10	15	
Weight	48	54	100	lbs.
Each	$6.50	7.00	10.00	

The above coolers are finished in a perfect manner, the walls are thick and well filled, and in consequence they are economical in the use of ice.

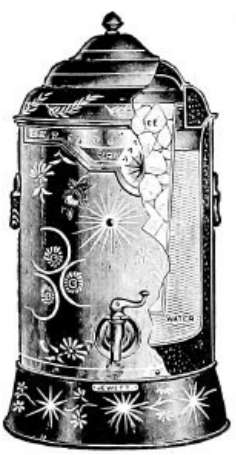
ONE IN A CASE.

Fancy Japanned, Assorted Colors, Cast Iron Porcelain Lined Reservoir, Thick Charcoal Filled Walls, Nickel Plated Self-Closing Telegraph Faucets.

Nos.	4030	4040	4050	4060	
Gallons	3	4	5	6	
Weight	40	50	70	80	lbs.
Each	$5.50	7.00	8.50	9.50	

Nos.	4070	4080	4100	
Gallons	7	8	10	
Weight	85	90	110	lbs.
Each	$10.50	12.50	15.00	

ONE IN A CASE.

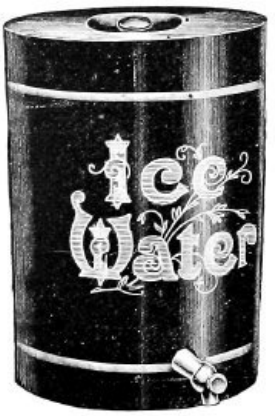


Fancy Japanned, Assorted Colors, Cast Iron Porcelain Lined Water Reservoir, Porcelain Lined Ice Cylinder, Thick Charcoal Filled Walls, Nickel Plated Self-Closing Telegraph Faucets.

Nos.	507	508	510	
Gallons	4	5	6	
Weight	105	115	140	lbs.
Each	$14.00	16.50	20.00	

Nos.	512	514	
Gallons	8	10	
Weight	170	220	lbs.
Each	$28.00	32.00	

ONE IN A CASE.



Fancy Decorated.

Nos.	304	305	308	
Gallons	3	4	6	
Weight	9	11	15	lbs.
Each	$2.50	3.00	3.75	

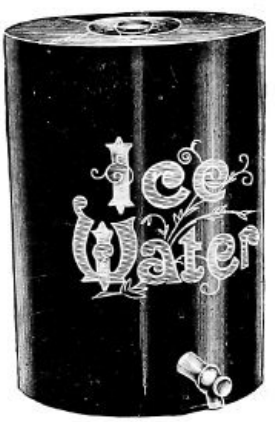
Nos.	310	315	320	
Gallons	7	11	15	
Weight	18	23	31	lbs.
Each	$4.50	6.50	10.25	

Very handsomely decorated in red, rose leaf green or silver, and are equipped with solid German silver push faucets.

Nos. 315 and 320 have two faucets

ONE IN A CASE.

These coolers are made of indurated fibre, moulded in one piece without hoops or bands. Indurated fibre is a non-conductor of heat and cold and therefore these coolers are very economical in ice consumption. It is tasteless and odorless, and very easily cleaned, as there are no joints or cracks to collect impurities.



Plain Mahogany Finish.

Nos.	604	605	608	
Gallons	3	4	6	
Weight	9	11	15	lbs.
Each	$2.00	2.50	3.00	

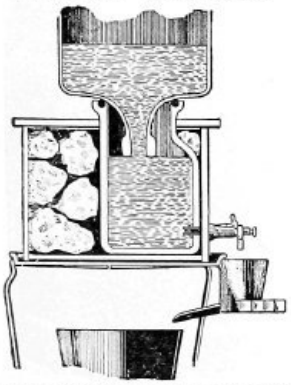
Nos.	610	615	620	
Gallons	7	11	15	
Weight	18	23	31	lbs.
Each	$3.75	5.00	8.50	

Nos. 615 and 620 have two faucets.

ONE IN A CASE.

WATER COOLERS, STILLS AND STANDS.

WATER COOLERS.



Container or Body of cooler made of indurated fibre molded in one piece. Indurated fibre is a non-conductor and therefore exceedingly economical in ice consumption. It is moisture proof and does not warp, crack or swell, finished in rich dark mahogany color and striped in aluminum.

Jar is made of glazed white porcelain of best quality. The bulge at the front increases the capacity of the jar and also affords a larger cooling surface. The bottom is ridged so that cold water can circulate beneath it, adding materially to the effectiveness of the ice.

Water Faucet is of improved "PUSH" pattern made of German silver, handsomely burnished. The stem, nuts and all parts that come in contact with the liquid are heavily silver plated. These faucets have half inch flow and will fill an 8 ounce glass in three seconds.

Waste Faucet is of German silver with screw plug, very simple and cannot get out of order.

Stands made of heavy channel iron finished in aluminum, can be folded up when not in use, top tray and drip bucket are of indurated fibre mahogany finished with silver striping.

Sanitary. With the exception of the faucet which is silver plated, liquids come only in contact with glass or porcelain. These coolers can be used equally well for lemonade, orangeade, cider and all still liquids.

No. 570—Cooler with stand and drip bucket, for 5 gal. bottle, packed complete in a case *without bottle*, w't 60 lbs.....each $12.00

No. 100—Cooler with stand and drip bucket, for 1 or 2 gal. bottle, having an outside diameter of not less than 4¼ in., packed complete in a case *without bottle*, w't 45 lbs.....each 10.00

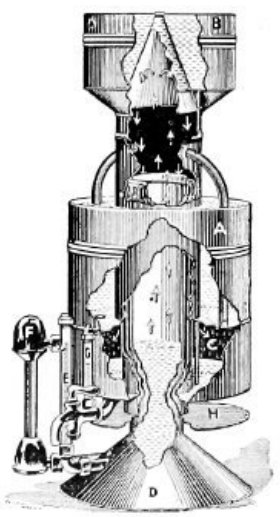
WATER COOLERS.

No. 57—Cooler with indurated fibre tray, to set on a table or counter, for 5 gal. bottle, packed complete in a case *without bottle*, w't 25 lbs.....each $7.50

No. 10—Cooler with indurated fibre tray, to set on a table or counter, for 1 or 2 gal. bottle, having an outside diameter of not less than 4½ in., packed complete in a case *without bottle*, w't 18 lbs.....each 5.00

See details of description in first column.

WATER STILLS.



No. 11—ROSE AUTOMATIC, heavy copper, nickel plated outside, all parts exposed to water are block tin lined, capacity ½ gal. per hour.....each $20.00

ONE IN A BOX. W'T 25 LBS.

In operation vessels A and B are filled with cold water and set still on fire, just like an ordinary tea kettle, and in a very short time pure, aerated distilled water will collect in reservoir C. The water feeds automatically from supply reservoir A to boiling chamber D, and when water has reached proper height, it is shut off by automatic valve at F. Gauge E indicates height of water in boiling chamber and gauge G shows distilled water in reservoir C.

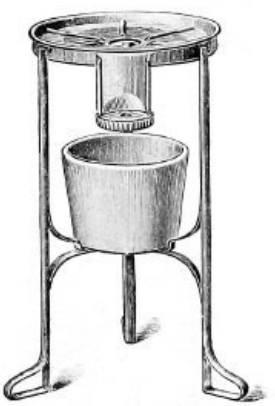
The system of aerating is such that the distilled water becomes charged with all the oxygen it can possibly carry at normal temperature, therefore making it palatable to the taste, and beneficial to the health.

NOTE—Deflector H prevents heat from stove or boiling chamber striking distilled water reservoir to drive off oxygen.

COOLER STANDS.

No. 115—Wrought iron legs, two cast iron shelves, removable tin tray, detachable drip leading to tin slop bucket, nicely japanned in colors and gold striped, inside diameter of top tray 17¼ in., for coolers 10 gal. or smaller, w't 40 lbs.....each $5.50

No. 116—Inside diameter of top tray 20¾ in., for 15 or 20 gal. coolers, otherwise same as No. 115, w't 53 lbs., each..... 6.50



No. 112—Made of heavy channel iron, doubled and riveted to form strong braces and shelf for drip bucket, hinged in center so that it can be folded up when not in use, three legs which set firm on any floor, indurated fibre top tray and drip bucket, inside diameter of top tray 13¼ in., stand is finished in aluminum, w't 26 lbs., each..... $5.00

COOLER BOTTLES.

1 gal., w't boxed 20 lbs.....each $0.75
2 gal., w't boxed 25 lbs..... " 1.25
5 gal., w't boxed 30 lbs..... " 1.75

WATER FILTERS AND FILTER ATTACHMENTS.

WATER FILTERS.

No. 21.

No. 31.

No. 21—ANTI-SPLASHER, brass, nickel plated, double convex and concave strainers, threaded on one end, delivers a smooth round stream of water, complete with assorted rubbers, w't per doz. ¾ lb ..... per dozen $1.50

No. 31—ANTI-SPLASHER, made of cast brass, nickel plated, with heavy woven brass wire strainer, threaded on one end, delivers a round smooth stream of water, w't per doz. 1½ lbs..... per dozen 3.50

ONE DOZEN IN A BOX.

No. 22.

No. 23.

No. 22—Brass, nickel plated, reversible, both ends threaded, filled with charcoal and quartz, complete with assorted rubbers, w't per doz. 1½ lbs.. per dozen $3.00

ONE DOZEN IN A BOX.

No. 23—HYGIENIC, clear glass body, nickel plated brass ends, reversible, both ends threaded, fil'ed with charcoal and quartz, complete with assorted rubbers, w't per doz. 5½ lbs..... per dozen 6.00

ONE IN A BOX.

No. 34. No. 33. No. 32.

No. 34—MODERN, heavy brass, nickel plated, cupped pressure distributer; water filters through cotton disc held between two heavy brass strainers, threaded on one end, 1 gross extra cotton discs with each filter, w't per doz. 3 lbs..... per dozen $20.00

No. 33—GLASS GEM, body made of ¼ in. clear glass, top and bottom of cast brass, nickel plated, patent distributing disc, reversible, both ends threaded, with heavy woven brass wire strainer at each end, filled with selected white quartz, w't per doz. 9 lbs... per dozen 20.00

No. 32—BRASS GEM, heavy brass nickel plated, body threaded and screwed to top and bottom, patent distributing disc (shown in cut), reversible, both ends threaded, with heavy woven brass wire strainer at each end filled with selected white quartz, w't per doz. 7½ lbs..... per dozen 20.00

ONE IN A BOX.

FILTER ATTACHMENTS.

No. 24—Cast brass, standard hose thread, complete with assorted rubbers for all sizes of smooth faucets, w't per doz. 1 lb..... per dozen $6.00

FILTERING MATERIAL.

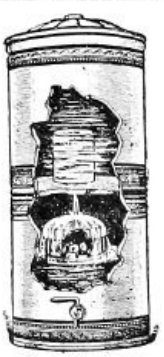
No. 26—Charcoal and quartz in ½ lb. boxes..... per dozen $2.00

ENAMELED STEEL WATER FILTERS.

No. 8—Enameled steel upper and lower vessels, blue enameled outside, white enameled inside, stone filtering disk, nickel plated faucet, capacity 11 qts. each, diameter 11¼ in., height 17½ in., w't 23 lbs..... each $6.00

Will hold 11 qts. of water in each compartment, and will filter 8 gals. of water daily.

STONEWARE WATER FILTERS.



No. 15—SUCCESS, two 4 gallon glazed stoneware jars, upper one fitted with 4 in. natural tripoli stone filtering block, lower one has separate stoneware ice chamber, nickel plated faucet, w't 55 lbs..... each $6.50

No. 5—SUCCESS, without separate ice chamber, w't 50 lbs., otherwise same as No. 15..... each 6.00

Extra Filtering Blocks..... " 1.50

The lower jar of No. 15 filter contains a separate ice chamber so that filtered water does not come in contact with the ice, thus insuring a clean drink.

JEWETT CLIMAX WATER FILTERS.

A filtering vessel containing gravel and charcoal with a spun metal cover and a japanned iron reservoir lined with white porcelain.

Japanned Olive Green, Gold Striped Galvanized Upper Reservoir and Filtering Chamber, Porcelain Lined Lower Reservoir, Nickel Plated Lever Faucet.

Nos.	52	53	54	55	
Cap. reservoir...	2	3	5	7½	gals.
Height.....	23	27	30	35	in.
Diam. of base...	9½	12	12½	14½	in.
W't.....	61	77	93	135	lbs.
Each.....	$5.00	6.50	8.00	10.50	

ONE IN A CASE.

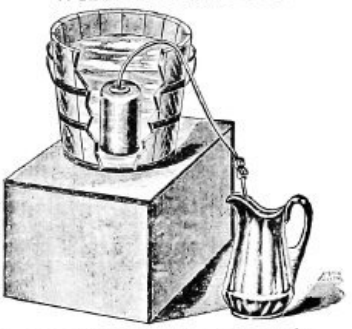
FAUCET FILTERS.

No. 35—Casing one piece of spun aluminum, threaded to fit ¾ in. hose bibb, and fitted with patent rubber collar for attaching to smooth faucets, natural tripoli filter block with walls 1 in. thick, held in position by best quality rubber seat ring, w't per doz. 20 lbs., per dozen..... $36.00

Natural tripoli stone is regarded by science as the very best filtering material known. Immediately after turning on the pressure the water passes through the walls of the stone, and comes out at the bottom a solid stream, clear and sparkling. The filter stone can be cleaned by unseating it at the bottom, allowing the water to rush by its sides, or by removing it from the casing and brushing it with a small brush.

ONE IN A CARTON.

TRIPOLI STONE SYPHON WATER FILTERS.



No. 6—3¾×5½ in., with rubber tube, w't per doz. 21 lbs..... per dozen $18.00

This filter is designed for a family supply of drinking water, and when the stone is kept fairly clean, will filter from 15 to 20 gals. per day. The filter can be used by placing mouthpiece in mouth and drawing water through the stone by suction, or started on the syphon plan, and it will go right along doing its work.

MOUSE AND RAT TRAPS.

WOOD CHOKER MOUSE TRAPS.

Made of One Piece of Wood, Stained Red, Strong Coppered Steel Springs, Easily Set.

No. 2—Two holes, size $2\frac{1}{4}\times4\frac{3}{8}$ in., w't per doz. $1\frac{1}{2}$ lbs.....per dozen $0.40
No. 3—Three holes, size $2\frac{1}{4}\times6\frac{1}{4}$ in., w't per doz. 2 lbs.....per dozen .60
No. 4—Four holes, diam. $4\frac{3}{4}$ in., w't per doz. 5 lbs.....per dozen .80
No. 5—Five holes, diam. $5\frac{1}{4}$ in., w't per doz. 5 lbs.....per dozen 1.00

ONE DOZEN IN A BUNDLE.

TIN CHOKER MOUSE TRAPS.

No. 54—Five holes, diam. $4\frac{3}{4}$ in., easily set, seamless stamped tin, strong coppered steel springs, w't per doz. $1\frac{3}{4}$ lbs., per dozen..... $1.25

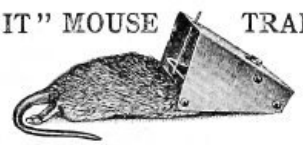
ONE DOZEN IN A BUNDLE.

CHASSE MOUSE TRAPS.

No. 33—Three holes, one piece wood block, size $2\frac{7}{8}\times2\frac{7}{8}\times1\frac{3}{8}$ in., coppered springs, tin slide, natural wood color, w't per doz. $1\frac{1}{2}$ lbs.....per dozen $1.20
This trap is remarkably simple and easy to set, sure to catch and easy to clean.

ONE DOZEN IN A BOX.

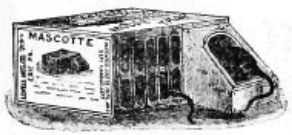
"IT" MOUSE TRAPS.



No. 20—Size $2\times1\frac{1}{4}$ in., sheet steel body, flat steel striking bar, very strong spring, w't per doz. $\frac{1}{2}$ lb....per dozen $0.60
This is the smallest and best choker trap made—catches and kills mice of any size. Open in front and bottom, the mouse is not afraid to take the bait. As it is all metal it does not become foul from use.

ONE DOZEN IN A BOX.

CATCH-EM-ALIVE MOUSE TRAPS.



No. 18—Size $5\times3\frac{1}{2}\times2\frac{1}{2}$ in., lacquered tin front, wood box stained red, sets automatically, w't per doz. $5\frac{1}{2}$ lbs., per dozen..... $2.00

ONE GROSS IN A CASE.

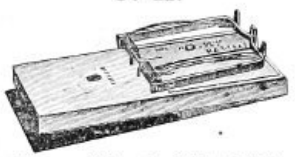
NEW CLIPPER.

Hardwood Base, Metal Trigger, Flat Galvanized Striking Bar, Two Black Cold Rolled Steel Springs.

No. 75—Mouse, $3\frac{3}{4}\times1\frac{3}{4}$ in., w't per doz. $\frac{3}{4}$ lb.....per dozen $0.60
No. 76—Rat, $6\frac{3}{4}\times3\frac{1}{4}$ in., w't per doz. $4\frac{1}{2}$ lbs.....per dozen 1.20

ONE DOZEN IN A BOX.

O. K.



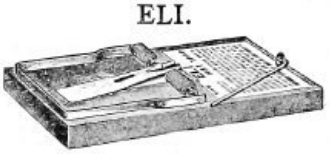
Hardwood Base, Galvanized Metal Trigger, Flat Galvanized Striking Bar, Two Black Cold Rolled Steel Springs.

No. 45—Mouse, $3\frac{3}{4}\times1\frac{3}{4}$ in., w't per doz. $\frac{3}{4}$ lb.....per dozen $1.20
No. 46—Rat, $6\frac{3}{4}\times3\frac{1}{4}$ in., w't per doz. $4\frac{1}{4}$ lbs.....per dozen 1.80

The trigger of these traps is under the block instead of on top. When the trap is set the front end of block is slightly elevated, providing a temporary platform and a perfectly smooth surface on which the animal treads in passing or when attempting to get the bait, at which time the trap is instantly thrown and a capture effected.

ONE DOZEN IN A BOX.

ELI.

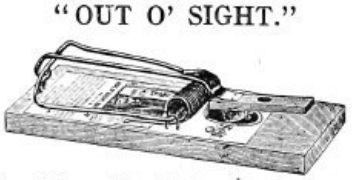


Hardwood Base, Galvanized Metal Trigger, Flat Galvanized Steel Striking Bar, Two Black Cold Rolled Steel Springs.

No. 30—Mouse, $3\frac{3}{4}\times1\frac{3}{4}$ in., w't per doz. $\frac{3}{4}$ lb.....per dozen $1.20
No. 300—Rat, $3\frac{1}{4}\times6\frac{1}{2}$ in., w't per doz. $4\frac{1}{4}$ lbs.....per dozen 1.80

ONE DOZEN IN A BOX.

"OUT O' SIGHT."

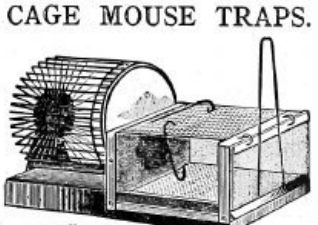


Hardwood Base, Wood Trigger, Coppered Round Striking Bar, Strong Coppered Steel Spring.

No. 35—Mouse, $3\frac{3}{4}\times1\frac{3}{4}$ in., w't per doz. $1\frac{1}{2}$ lbs.....per dozen $1.25
No. 36—Rat, $7\times3\frac{1}{2}$ in., w't per doz. $4\frac{1}{2}$ lbs.....per dozen 2.50

ONE DOZEN IN A BOX.

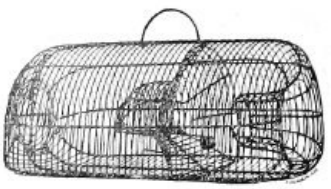
CAGE MOUSE TRAPS.



No. 50—$6\frac{1}{2}\times3\frac{1}{4}$ in., wood base, with revolving wheel, w't per doz. 5 lbs., per dozen..... $3.25

ONE DOZEN IN A BOX.

FRENCH WIRE.



Coppered Iron Wire, Tightly Back-Laced, Lacquered to Prevent Rust, Self-Closing Trap-Door.

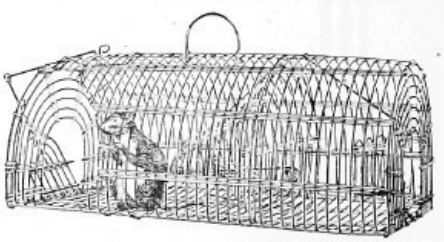
No. 303—Mouse, $9\times5\times5$ in., w't per doz. 7 lbs.....per dozen $ 4.00
No. 315—Rat, $15\times9\times6\frac{1}{2}$ in., w't per doz. 18 lbs.....per dozen 6.00
No. 317—Rat, $17\times9\frac{1}{2}\times7$ in., w't per doz. 27 lbs.....per dozen 9.00
No. 322—Rat, $23\times13\frac{1}{2}\times7$ in., w't per doz. 30 lbs.....per dozen 18.00

Wire traps of this kind are very effective; as the rat on the inside of trap can be seen by others it acts as a decoy.

After the trap has been put together it is heavily lacquered, so that all crevices where moisture might collect are filled, preventing rust and prolonging the life of the trap.

NO. 303, HALF DOZEN IN A BUNDLE; NOS. 315 AND 317, HALF DOZEN IN A CRATE; NO. 322, TWO IN A BUNDLE.

WIRE RAT TRAPS.

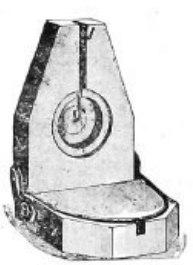


Coppered Iron Wire, Sheet Steel Ribs, Self-Closing Tin Trap Door with Flanged Edge.

No. 417—$17\times9\frac{1}{2}\times7$ in., No. 17 wire, 9 flanged steel ribs, w't per doz. 25 lbs., per dozen $10.80
No. 419—$19\times10\frac{1}{2}\times8$ in., No. 16 wire, 11 flanged steel ribs, w't per doz. 30 lbs.....per dozen 13.20

Particular attention is called to the construction of these traps. The lace wires are rigidly held in place by the heavy flanged sheet steel ribs and the trap is almost indestructible. There is a patent flange around the opening of the trap door, which prevents a rat from pulling it down after getting inside. Each trap is thoroughly lacquered to prevent rust.

HALF DOZEN IN A CRATE.



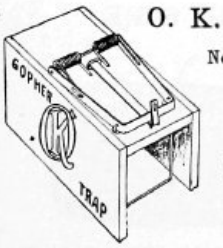
SURPRISE RAT TRAPS.

No. 80—Size $5\times4\times6$ in., heavy wood base, very strong coppered steel spring, can be set with hands or foot, w't per doz. $8\frac{3}{4}$ lbs., per dozen..... $2.00

ONE DOZEN IN A CRATE.

TRAPS.

O. K. GOPHER.

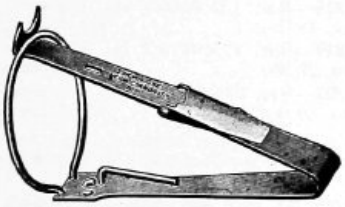


No. 61—6¾×4×3 in., hardwood box, stained red, flat galvanized trigger, round coppered iron striking bar, two strong springs, w't per doz. 8½ lbs., per dozen.....$3.60

The most perfect and practical gopher trap on the market. Very easy to manipulate and very sensitive.

ONE GROSS IN A CRATE.

NEWHOUSE GOPHER.



No. 84—All steel, length 5 in., 2¾ in. opening, w't per doz. 2¾ lbs., per dozen $2.50

This trap is well and carefully made and sustains the enviable reputation of the manufacturer. It is simple, practical, and easy to set.

ONE DOZEN IN A BOX.

REDDICK'S MOLE.

No. 16—Steel frame, six sharp steel tines, very strong, heavily tinned to prevent rust, japanned steel spring, w't per doz. 38 lbs., per dozen..... $12.00

This is a sure, sensitive and effective trap.

HALF DOZEN IN A CRATE.

JUMP.

Single Spring.

Double Spring.

All Steel, with Chain.

No. 0 —Rat or gopher, single spring, w't per doz 5 lbs .....per dozen $ 4.25
No. 1 —Musksrat, single spring, w't per doz. 7 lbs.....per dozen 5.00
No. 1½—Mink, single spring, w't per doz. 7 lbs.....per dozen 7.50
No. 2 —Coon, mink or skunk, double spring, w't per doz. 8½ lbs..per dozen 10.50
No. 3 —Fox or otter, double spring, w't per doz. 17 lbs.....per dozen 14.00
No. 4 —Otter or wildcat, double sprirg, w't per doz. 20 lbs.....per dozen 16.50

These traps are becoming very popular. They are lighter in weight and therefore easier to carry than other styles. They lie flat and are easily secreted in narrow runways. When sprung they jump high up on the animal's leg, thereby insuring a firm grip. These traps are thoroughly tested under water and warranted in every respect.

STEEL.

Nos. 0, 1 and 1½.

Nos. 2, 3 and 4.

No. 2½.

Nos. 5 and 6.

STEEL GAME, WITH CHAIN.

No. 0 —3½ in., rat, single spring, w't per doz. 5½ lbs.....per dozen $ 4.25
No. 1 —4 in., muskrat, single spring, w't per doz. 7¾ lbs.....per dozen 5.00
No. 1½—4⅞ in., mink, single spring, w't per doz. 11¼ lbs.....per dozen 7.50
No. 2 —4⅞ in., fox, double spring, w't per doz. 14½ lbs.....per dozen 10.50
No. 3 —5½ in., otter, double spring, w't per doz. 22 lbs.....per dozen 14.00
No. 4 —6½ in., beaver, double spring, w't per doz. 25 lbs.....per dozen 16.50

In this grade we carry both Victor and Hector brands. These are staples in every hardware store and are the most saleable traps on the market. Farmers and trappers of small game, who find that a cheap trap answers their purpose, are pleased with these traps in their present perfected form.

HAWLEY & NORTON, WITH CHAIN.

No. 0 —3½ in., rat, single spring, w't per doz. 6 lbs.....per dozen $ 4.25
No. 1 —4 in., muskrat, single spring, w't per doz. 8½ lbs.....per dozen 5.00
No. 1½—4⅞ in., mink, single spring, w't per doz. 13½ lbs.....per dozen 7.50
No. 2 —4⅞ in., fox, double spring, w't per doz. 16½ lbs.....per dozen 10.50
No. 3 —5½ in., otter, double spring, w't per doz. 26 lbs.....per dozen 14.00
No. 4 —6½ in., beaver, double spring, w't per doz. 29 lbs.....per dozen 16.50

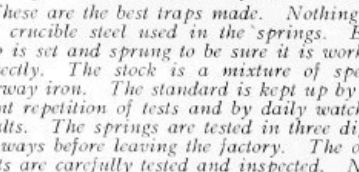
The Hawley & Norton traps are almost identical in form with the Newhouse, but are somewhat lighter throughout and therefore cheaper. They are, however, good, reliable traps with quite a reputation of their own.

NEWHOUSE, WITH CHAIN.

No. 0 —3½ in., rat, single spring, w't per doz. 7½ lbs.....per dozen $ 4.25
No. 1 —4 in., muskrat, single spring, w't per doz. 10 lbs.....per dozen 5.00
No. 1½—4⅞ in., mink, single spring, w't per doz. 14 lbs.....per dozen 7.50
No. 2 —4⅞ in., fox, double spring, w't per doz. 17½ lbs.....per dozen 10.50
No. 2½—4⅞ in., otter, single spring, with teeth, w't per doz. 23 lbs., per dozen..... 16.50
No. 3 —5½ in., otter, double spring, w't per doz. 28 lbs.....per dozen 14.00
No. 4 —6½ in., beaver, double spring, w't per doz. 33 lbs.....per dozen 16.50
No. 5 —11¾ in., bear, double spring, w't per doz. 234 lbs., w't each spring 2 lbs. 10 oz.....per dozen 120.00
No. 6 —16 in., grizzly bear, double spring, w't per doz. 504 lbs., w't each spring 6 lbs. 10 oz.....per dozen 280.00

These are the best traps made. Nothing but best crucible steel used in the springs. Each trap is set and sprung to be sure it is working correctly. The stock is a mixture of special Norway iron. The standard is kept up by frequent repetition of tests and by daily watching results. The springs are tested in three different ways before leaving the factory. The other parts are carefully tested and inspected. Newhouse traps are absolutely guaranteed.

NEWHOUSE BEAR TRAP CLAMPS.



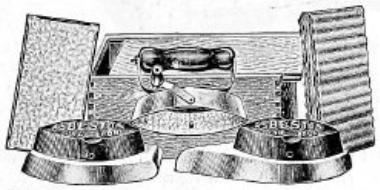
No. 5—For setting No. 5, w't per doz. 10½ lbs.....per dozen $ 6.00
No. 6—For setting No. 6, w't per doz. 14 lbs.....per dozen 10.00

ASBESTOS SAD IRONS.

No. 70—Laundry set, consists of one asbestos lined hood with handle and lock complete, one 6 lb., two 7 lb. double pointed cores and one stand, w't per doz. sets 210 lbs., per dozen sets.. ..... $24.00

No. 100—Laundry set, consists of one asbestos lined hood with handle and lock complete, two 7 lb. double pointed cores, one 7 lb. square heeled polishing core and one stand, w't per doz. sets 216 lbs., per dozen sets. $24.00

No. 130—Laundry set, consists of one asbestos lined hood with handle and lock complete, one each 6 lb. and 7 lb. double pointed cores, one 9 lb. square heeled pressing core and one stand, w't per doz. sets 252 lbs. .....per dozen sets 25.00



No. 56—Ideal shirt waist set, consists of one asbestos lined hood with handle and lock complete, one 6¾ in. pointed flounce core, one 5 in. square heeled polishing core and one stand, w't per doz. sets 96 lbs., per dozen sets: $16.00

No. 66—French set, consists of asbestos lined hood with handle and lock complete, one 6¾ in. pointed flounce core, one 4¾ in. double pointed core, one 5 in. square heeled polishing core and one stand, w't per doz. sets 108 lbs...per dozen sets $20.00

Designed for ladies doing light housekeeping and for boarders; saves sending dainty articles to the laundry or washwoman.

ONE SET IN A LOCK CORNERED, SLIDING COVERED, WHITE PINE BOX.

No. 196—Household set, consists of one asbestos lined hood with cover and lock complete, two double pointed cores, one square heeled polishing core, one asbestos lined sleeve hood with cover and lock complete, one double pointed sleeve iron, one pointed flounce core, one small square heeled polishing core and one stand, w't per doz. sets 360 lbs., per dozen sets. $44.00

ONE SET IN A LOCK CORNERED, SLIDING COVERED, WHITE PINE BOX.

FAMILY OUTFITS.

No. 660—Asbestos, oil finished hardwood box 17½x12½x4½ in., with brass trimmings, containing 7 cores, 3 hoods with handles complete, and 3 stands, w't per outfit 42 lbs., each $6.50

Set consists of 2 seven lb. and 1 six lb. laundry cores, 1 nine lb. pressing core, 1 four lb. flounce core, 1 three lb. sleeve core, 1 one and one-half lb. tourist iron complete, 1 hood with handle for laundry and pressing, 1 hood with handle for flounce and sleeve, 2 asbestos covered stands and 1 tourist stand.

EXTRA PARTS FOR ASBESTOS IRONS.

No. 71—Asbestos lined hood with handle and lock complete for laundry and pressing irons. ...per dozen $10.00

No. 72—Double pointed laundry cores, per dozen. 5.00

No. 102—Square heeled cores, per dozen 6.00

No. 41—Asbestos lined hood with handle and lock complete for sleeve and flounce irons. ..... per dozen 4.00

No. 73—Stands. .... " 1.50

No. 10—Tourist, consists of one asbestos lined hood with handle and lock complete, one double pointed core and one stand, w't 1½ lbs., per dozen $4.00

The same pattern as the larger iron, but much smaller. In addition to being a delightful toy, this iron is just the thing for tourists and college girls and can be heated on a lamp. Is especially adapted for ironing small sleeves, fancy work, etc.

ONE IN A PASTEBOARD CARTON.

No. 40—Sleeve, consists of one asbestos lined hood with handle and lock complete, one double pointed 2½ lb. core and one stand .....per dozen $8.00

Very handy for children's clothes, sleeves, neckbands, etc. Hood fits flounce and shirt waist iron.

ONE IN A PASTEBOARD CARTON.

No. 50—Flounce, consists of one asbestos lined hood with handle and lock complete, one 4 lb. pointed core and one stand .....per dozen $10.00

This long nosed iron is designed for ironing tucks, flounces, etc.

ONE IN A PASTEBOARD CARTON.

No. 80—Pressing, consists of one asbestos lined hood with handle and lock complete, one 9 lb. square heeled pressing core and one stand, w't 10½ lbs. .....per dozen $20.00

This iron is indispensable for pressing tailor-made garments, suits, trousers or for any purpose where an iron of more than ordinary weight is required. Heavy enough to iron smooth without pressure.

ONE IN A BOX; HALF DOZEN IN A CRATE.

SAD RONS AND EXTRAS.

O.V.B. SAD IRONS.

Solid Base, O.V.B. Handles.

O.V.B.—Nickel plated face, sides and top, set consists of three double pointed irons, one O.V.B. handle, one asbestos stand, w't per set 14¼ lbs....per case $12.00

In the O.V.B. Iron every care has been used to produce something superior in quality and finish for those who want the best. Between the heavy solid base and the flush top is a layer of asbestos which greatly increases the heat retention. The top as well as the base is ground, polished and heavily nickel plated.

ONE SET IN A BOX. SIX SETS IN A CASE.

MRS. POTTS' SAD IRONS.

No. 650—Nickel plated face and sides, aluminum bronze top, aluminum bronze cast stretcher and copper plated stand, in sets of three with detachable wooden handle, w't per set 14¼ lbs...per case $7.50

SIX SETS IN A CASE.

Genuine Enterprise.

No. J50—Nickel plated face and sides, *japanned top*, set consists of three irons, one stand, one detachable handle with *japanned stretcher*, w't per set 15½ lbs., per case..... $7.75

No. T50—Nickel plated face and sides, *tinned top*, set consists of three irons, one stand, one detachable handle with *tinned stretcher*, w't per set 15½ lbs..... per case 8.25

SIX SETS IN A CASE.

GIRLS' SAD IRONS.

No. 90—Nickel plated, walnut detachable handle, length 5 in., with stand, w't each 1⅝ lbs.....per dozen $5.00

ONE DOZEN IN A CASE.

OBER SAD IRONS.

Solid Base, Patent Handles.

No. 95—Nickel plated face and sides, aluminum tops, set consists of one double pointed, one square heel and one sleeve iron, nickeled handle and one stand, w't per set 14¼ lbs..per case $12.00

These irons are solid and hold the heat much longer than hollow irons.

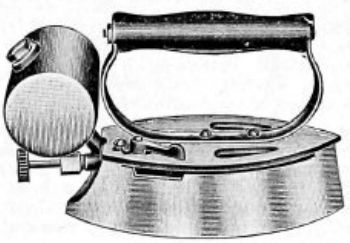
SIX SETS IN A CASE.

OBER SLEEVE IRONS.

Solid Base, Patent Handles.

No. 81—Nickel plated bottom and sides, aluminum top, length 7⅞ in., width at heel 2¾ in., nickeled handle, w't each 4 lbs.....per dozen $7.50

GASOLINE AND ALCOHOL SAD IRONS.



Nickel Plated, Ebonized Wood Handles.

No. 35—MODERN, adapted for *gasoline*, w't each 6 lbs.....per dozen $48.00

No. 37—MODERN, adapted for *alcohol*, w't each 6 lbs.....per dozen 48.00

No odor. No soot or grease streaks. Does away with walking from ironing board to stove. Always evenly heated. Does not stick from cooling of base. Saves time and fuel, for the cost to operate is about one cent per week.

ONE IN A BOX. SIX IN A CASE.

EXTRA SAD IRON STANDS.

No. 250—Coppered, w't per doz. 7 lbs., per dozen..... $0.75

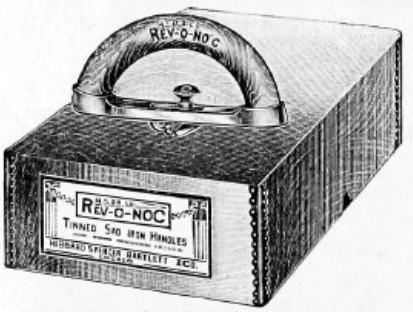
EXTRA HANDLES.

"OUR VERY BEST."

O.V.B.—Extra selected and carefully finished handle, nickel plated malleable indestructible stretcher, w't per doz. 8 lbs.....per dozen $4.50

Only the best wood capable of taking a smooth high finish is used in O.V.B. handles. The stretcher is malleable iron, nickel plated and polished. Note, that instead of fitting flat against the wood, there are four small points of contact forming an insulation and insuring an always cool handle.

ONE DOZEN IN A BOX.



"REV-O-NOC."

No. 810 REV-O-NOC—Extra selected hazelwood handle, with tinned non-breakable stretcher, attached with the longest and heaviest screws practical, w't per doz. 7¾ lbs.....per dozen $2.50

ONE DOZEN IN A BOX.

No. 610—Walnut handle, with *japanned* cast stretcher, w't per doz. 6¼ lbs., per dozen..... $1.20

No. 310—Walnut handle, with *tinned* cast stretcher, w't per doz. 6 lbs., per dozen..... 1.80

HALF DOZEN IN A PACKAGE.

No. 22 No. 12

No. 22—OBER, japanned, for all makes of Potts' sad irons, w't per doz. 6¾ lbs., per dozen..... $1.20

No. 12—OBER, japanned, for Ober patent sad irons, w't per doz. 7½ lbs., per dozen 1.20

From their peculiar shape it will not cramp the hand. There is no wooden knob on the catch to break off. Screws fastening handle will not get hot and become loose.

HALF DOZEN IN A PACKAGE.

SAD IRONS AND FLUTERS.

COMMON SAD IRONS.

Cast Iron, Wrought Handle, Extra Polished Face.			
Nos	4	5	6
W't each	4	5	6 lbs.
Per dozen	$3.36	4.20	5.04
Nos	7	8	9
W't each	7	8	9 lbs.
Per dozen	$5.88	6.72	7.56

Cast Iron, Wrought Handle, Aluminum Finish. Nickel Plated Face.			
Nos	N4	N5	N6
W't each	4	5	6 lbs.
Per dozen	$3.84	4.80	5.76
Nos	N7	N8	N9
W't each	7	8	9 lbs.
Per dozen	$6.72	7.68	8.64

COMMON SAD IRON ASSORTMENTS.

Polished, in Cases of about 100 lbs.

No. 1—Assortment consists of two No. 5, six No. 6, six No. 7 and three No. 8, per 100 lbs. $7.00

No. 6—Assortment consists of eighteen No. 6 ..... per 100 lbs. 7.00

No. 7—Assortment consists of eighteen No. 7 ..... per 100 lbs. 7.00

No. 8—Assortment consists of sixteen No. 8 ..... per 100 lbs. 7.00

Nickel Plated, in Cases of about 100 lbs.

No. N1—Assortment consists of two No. N5, six No. N6, six No. N7 and three No. N8 ..... per 100 lbs. $8.00

No. N6—Assortment consists of eighteen No. N6 ..... per 100 lbs. 8.00

No. N7—Assortment consists of eighteen No. N7 ..... per 100 lbs. 8.00

No. N8—Assortment consists of sixteen No. N8 ..... per 100 lbs. 8.00

SMALL SMOOTHING IRONS.

No. 2½—2¼ lbs., cast iron, wrought handle, nickel plated face, aluminum finish ..... per dozen $6.00

ONE DOZEN IN A CASE.

POLISHING IRONS.

No. 3½

No. 108

No. 3½—3¼ lbs., cast iron, wrought iron handle, nickel plated face, aluminum finish, rounded heel ..... per dozen $7.20

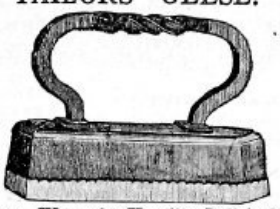
No. 108—4 lbs., TROY, cast iron, wrought iron handle, polished top and sides, perforated bottom ..... per dozen 7.20

ONE DOZEN IN A CASE.

TAILORS' SMOOTHING IRONS.

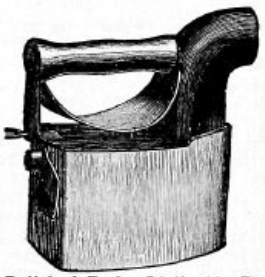
Cast Iron, Wrought Handle, Polished Face.				
Nos	310	312	314	316
W't each	10	12	14	16 lbs.
Per dozen	$12.00	14.40	16.80	19.20
Nos	318	320	322	324
W't each	18	20	22	24 lbs.
Per dozen	$21.60	24.00	26.40	28.80

TAILORS' GEESE.



Cast Iron, Wrought Handle, Polished Face.				
Nos	512	514	516	518
W't each	12	14	16	18 lbs.
Per dozen	$14.40	16.80	19.20	21.60
Nos	520	522		524
W't each	20	22		24 lbs.
Per dozen	$24.00	26.40		28.80
Nos	526	528		530
W't each	26	28		30 lbs.
Per dozen	$31.20	33.60		36.00

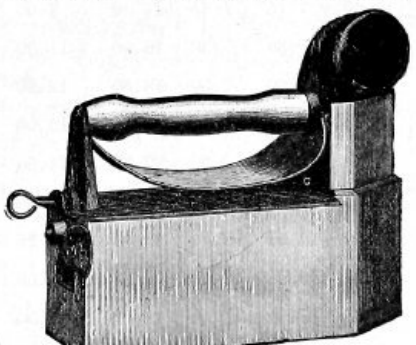
FAMILY CHARCOAL IRONS.



Cast Iron, Polished Body, Malleable Top, Wood Handle, Tin Shield.			
Nos	102	103	104
Bottom	7×3¼	6½×4	7×4½ in.
W't each	6½	6½	6¾ lbs.
Per dozen	$15.00	15.00	15.00

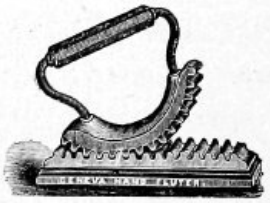
ONE DOZEN IN A CASE.

TAILORS' CHARCOAL IRONS.



Cast Iron, Polished Body, Malleable Top, Wood Handle, Tin Shield.		
Nos	116	118
Bottom	11½×3¼	11½×3½ in.
W't each	16	18 lbs.
Per dozen	$36.00	36.00

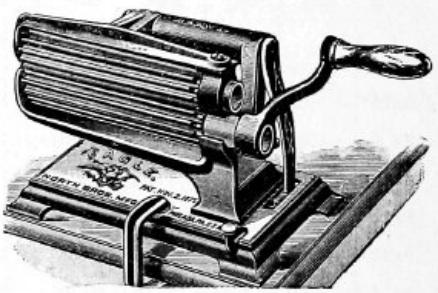
HAND FLUTERS.



No. 6—GENEVA, white metal base and roller, iron handle and bottom, size 3×5 in., 15 flutes, w't per doz. 140 lbs., per dozen $18.00

HALF DOZEN IN A CASE.

FLUTING MACHINES.



EAGLE, Japanned Iron Frame, Striped, 5½ Inch Brass Rollers, with Four Heaters, One Holder and Clamp.

No. 55—Flutes	18	22
Weight	6¼	6½ lbs.
Each	$5.00	5.00

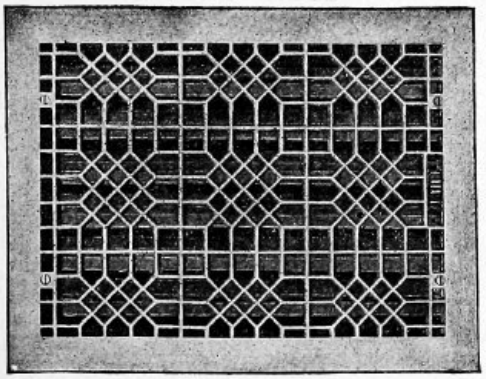
ONE IN A BOX.

CROWN, Japanned Iron Frame, Striped, 6 Inch Brass Rollers, with Four Heaters, One Pair Tongs and Clamp.

No. 60—Flutes	15	18	22
Weight	12	13½	15 lbs.
Each	$6.00	6.00	6 00

ONE IN A BOX

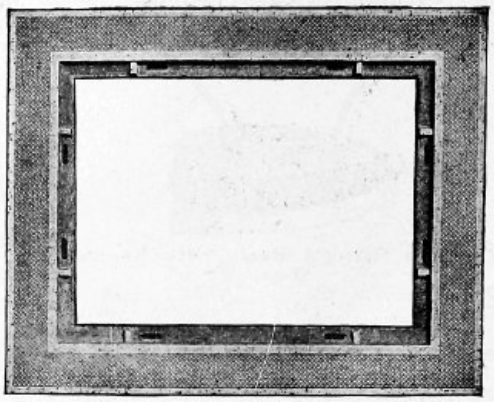
REGISTERS.



Registers.

All black and white registers, except those marked with an asterisk (*), are of modified or semi-steel construction. The faces are made of a special composition of new iron, are strong and very highly finished. The boxes or bottoms are of wrought steel, very shallow and rigid. The fans are ribbed, lap over each other and fit the boxes snugly. The boxes and fans are coated with black japan, baked on; this protects them from rust and assures easy working.

Semi-steel registers are light in weight, are shallow and can be used equally well in floor, wall, or ceiling. All plated faces and borders are coated by the electro process and when finished look exactly like the solid metal. The boxes and fans on all plated registers, and also those marked (*) in black and white finish, are made of cast iron, protected from rust by rust proof paint.



Faces.

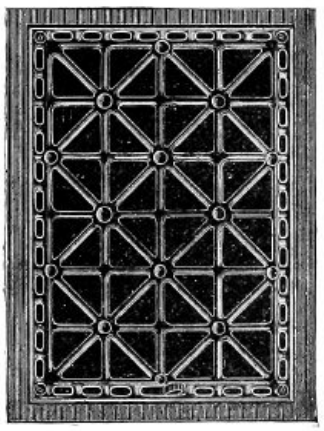
Size of Face Opening	BLACK JAPANNED			WHITE JAPANNED		NICKEL PLATED			ELECTRO PLATED COPPER, BRASS OR BRONZE			Extreme Size of Face	WEIGHTS			
	Registers	Faces	Borders	Registers	Faces	Registers	Faces	Borders	Registers	Faces	Borders		Registers	Faces	Borders	
Inches	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Each	Inches	Lbs.	Lbs.	Lbs.	
6x 8	$ 1.55	$ 1.00	$ 1.15	$ 1.85	$ 1.30	$ 2.80	$ 2.25	$ 2.40	$ 3.10	$ 2.50	$ 3.00	7 11/16 × 9 11/16	3 5/8	2 1/8	3 1/4	
6x10	1.60	1.05	1.20	1.95	1.40	3.00	2.45	2.60	3.50	2.95	3.60	7 11/16 × 11 11/16	* 5 3/4	2 7/8	3 1/2	*
8x 8	1.60	1.05	1.20	1.95	1.40	3.00	2.45	2.60	3.70	3.15	3.65	9 3/4 × 9 3/4	4 3/4	2 5/8	4	
8x10	1.65	1.10	1.25	2.00	1.45	3.15	2.60	2.75	3.85	3.30	3.90	9 3/4 × 11 3/4	5 1/8	3 3/8	4 1/2	
8x12	1.90	1.30	1.50	2.30	1.70	3.65	3.05	3.25	4.40	3.75	4.40	9 3/4 × 13 3/4	6 3/4	4 1/8	5	
9x12	2.10	1.45	1.65	2.55	1.90	4.00	3.35	3.55	5.10	4.45	5.00	10 7/8 × 13 7/8	7 1/2	4 3/4	5 1/2	
9x14	3.10	2.15	2.15	3.70	2.75	5.20	4.25	4.25	6.50	5.50	5.95	10 7/8 × 15 7/8	*12	5 7/8	5 3/4	*
10x10	2.35	1.65	1.70	2.85	2.15	4.35	3.65	3.70	5.35	4.65	5.20	11 15/16 × 11 15/16	7 1/4	4 3/8	5 1/4	
10x12	2.40	1.70	1.75	2.90	2.20	4.40	3.70	3.75	5.50	4.80	5.35	11 15/16 × 13 15/16	8 3/8	5 3/8	6	
10x14	3.15	2.20	2.20	3.80	2.85	5.25	4.30	4.30	6.55	5.60	6.00	11 15/16 × 15 15/16	9 1/2	6 1/4	7	
10x16	4.85	2.95	2.95	5.85	3.95	7.20	5.30	5.30	8.60	6.70	7.20	11 15/16 × 17 7/8	11 1/4	7 3/4	7 1/4	
12x12	4.00	2.70	2.70	4.80	3.50	6.35	5.05	5.05	7.90	6.60	7.10	14 1/16 × 14 1/16	9 1/2	6 1/2	7	
12x14	4.35	2.80	2.80	5.25	3.65	6.85	5.35	5.35	8.25	6.75	7.35	14 1/16 × 16 1/16	12	8 1/4	7 3/4	
12x15	4.50	2.90	2.90	5.40	3.80	7.00	5.40	5.40	8.50	6.90	7.60	14 1/16 × 17	12 1/2	8 1/2	8 3/4	
12x16	5.60	3.50	3.50	6.70	4.60	8.25	6.15	6.15	9.75	7.65	8.25	14 1/16 × 18	13	9 1/4	7 3/4	
12x17	6.35	3.80	3.80	7.60	5.05	9.00	6.45	6.45	10.60	8.05	8.65	14 1/16 × 19	13 3/4	9 3/4	9	
12x19	7.50	4.00	4.00	9.00	5.50	10.35	6.85	6.85	12.25	8.75	9.25	14 1/16 × 21	*24 3/4	11 1/2	9 1/4	*
14x14	7.90	4.05	4.05	9.45	5.60	11.00	7.15	7.15	14.30	9.60	10.00	16 1/4 × 16 1/4	14	12 3/4	9 1/2	
14x16	8.50	4.30	4.30	10.20	6.00	11.50	7.30	7.30	16.50	11.00	11.00	16 1/4 × 18 5/16	16	13 3/4	9 3/4	
14x18	9.00	4.50	4.50	10.80	6.30	12.00	7.50	7.50	18.50	12.00	12.15	16 1/4 × 20 5/16	19	15 3/8	10 1/2	
14x20	9.50	4.80	4.80	11.25	6.40	13.00	8.50	8.50	20.50	13.00	12.75	16 1/4 × 22 5/16	*29 3/4	15 3/4	11 1/2	*
14x22	10.50	5.00	5.00	12.00	6.50	14.50	9.00	9.00	22.50	14.50	13.50	16 1/4 × 24 1/4	*32	16 1/2	13	*
16x20	12.35	6.10	6.10	13.60	7.35	16.55	10.30	10.30	24.60	16.00	14.00	18 5/16 × 22 5/16	*37	19	12	*
16x24	15.00	7.00	7.00	16.50	8.50	20.00	12.00	12.00	29.60	19.25	17.10	18 5/16 × 26 5/16	*45	18	14	*
20x24	22.00	8.60	8.60	24.20	10.80	28.20	14.80	14.80	39.00	25.50	21.70	22 3/8 × 26 3/8	*61	34	21	*
20x26	23.50	9.50	9.50	25.85	11.85	32.00	17.50	17.50	42.00	27.50	22.00	22 3/8 × 28 3/8	*72	38	24	*
24x24	30.00	12.00	12.00	33.00	15.00	40.00	22.00	22.00	49.00	32.50	26.00	26 3/8 × 26 3/8	*78	46	30	*

Any of the above registers can be used as ventilators, and when placed in wall or ceiling above easy reach, they can be operated by means of chain or cord.

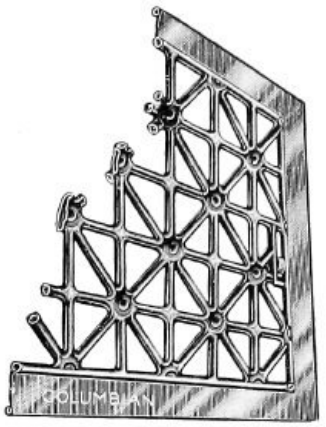
Ventilators for Cords, 50 cents list extra on sizes up to 14x14, and $1.00 list extra on sizes above.

Indicator Handles, one "open," one "closed" and 10 feet of cord, extra.....per set $0.75

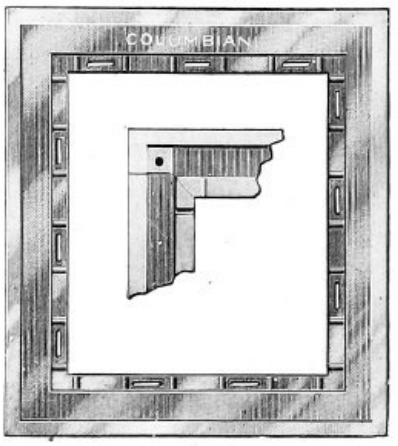
"TUBO" WROUGHT STEEL REGISTERS.



Register.



Face.



Border.

Owing to the shallowness of these registers they can be used equally well in the floor, wall or ceiling.

FACES—The Grecian design of the faces is both simple and artistic. They are made of two heavy plates of sheet steel, so closed over each other as to give a tubular construction. The tubular construction provides a greater carrying capacity and makes the faces so strong that they require no supporting bars or braces to strengthen them. It also enables them to withstand a sudden blow or strain without warping or cracking.

BOXES—The register boxes are made of wrought steel, very shallow and rigid. A set screw in one corner permits of taking them apart with ease. The fans are ribbed, and lap over each other and fit the box so snugly that when closed, there are no gaping spaces through which the air may escape.

BORDERS—The borders are stamped out of heavy steel, with corners reinforced securely. The slots for tin box loops are located as in standard cast iron borders. The borders are beveled, which makes them very strong and rigid.

SIZE OF FACE OPENING.	BLACK JAPANNED.			WHITE JAPANNED.		EXTREME DIMENSIONS OF FACE.	TOTAL DEPTH OPEN.	EXTREME OVERALL DIMENSIONS. OF BODRER.	FLOOR OPENING FOR BORDER.	WEIGHTS.		
	REGISTERS.	FACES.	BORDERS.	REGISTERS.	FACES.					REGISTER COMPLETE.	FACE.	BORDER.
INCHES.	EACH.	EACH.	EACH.	EACH.	EACH.	INCHES.	INCHES.	INCHES.	INCHES.	LBS.	LBS.	LBS.
6× 8	$1.55	$1.00	$1.15	$1.85	$1.30	$7\frac{11}{16} \times 9\frac{11}{16}$	$2\frac{3}{4}$	$11\frac{13}{16} \times 13\frac{13}{16}$	$9\frac{9}{16} \times 11\frac{9}{16}$	$2\frac{1}{4}$	$\frac{3}{4}$	2
8× 8	1.60	1.05	1.20	1.95	1.40	$9\frac{3}{4} \times 9\frac{3}{4}$	$2\frac{3}{4}$	$13\frac{13}{16} \times 13\frac{13}{16}$	$11\frac{7}{16} \times 11\frac{7}{16}$	3	$1\frac{1}{4}$	$2\frac{1}{4}$
8×10	1.65	1.10	1.25	2.00	1.45	$9\frac{3}{4} \times 11\frac{3}{4}$	$2\frac{3}{4}$	$13\frac{13}{16} \times 15\frac{13}{16}$	$11\frac{7}{8} \times 13\frac{7}{8}$	$3\frac{5}{8}$	$1\frac{3}{8}$	$2\frac{3}{8}$
8×12	1.90	1.30	1.50	2.30	1.70	$9\frac{3}{4} \times 13\frac{3}{4}$	$2\frac{3}{4}$	$13\frac{13}{16} \times 17\frac{13}{16}$	$11\frac{7}{8} \times 15\frac{7}{8}$	$4\frac{1}{4}$	$1\frac{5}{8}$	$2\frac{1}{2}$
9×12	2.10	1.45	1.65	2.55	1.90	$10\frac{7}{8} \times 13\frac{7}{8}$	3	$14\frac{13}{16} \times 17\frac{13}{16}$	$13\frac{1}{16} \times 16\frac{1}{16}$	$4\frac{3}{4}$	$1\frac{7}{8}$	$2\frac{5}{8}$
9×14	3.10	2.15	2.15	3.70	2.75	$10\frac{7}{8} \times 15\frac{7}{8}$	3	$14\frac{13}{16} \times 19\frac{13}{16}$	$13\frac{1}{16} \times 18\frac{1}{16}$	$5\frac{5}{8}$	$2\frac{1}{8}$	$2\frac{7}{8}$
10×12	2.40	1.70	1.75	2.90	2.20	$11\frac{15}{16} \times 13\frac{15}{16}$	$3\frac{1}{4}$	$15\frac{13}{16} \times 17\frac{13}{16}$	$14\frac{3}{16} \times 16\frac{3}{16}$	$5\frac{3}{8}$	2	$2\frac{3}{4}$
10×14	3.15	2.20	2.20	3.80	2.85	$11\frac{15}{16} \times 15\frac{15}{16}$	$3\frac{1}{4}$	$15\frac{13}{16} \times 19\frac{13}{16}$	$14\frac{3}{16} \times 18\frac{3}{16}$	$6\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{7}{8}$
10×16	4.85	2.95	2.95	5.85	3.95	$11\frac{15}{16} \times 17\frac{15}{16}$	$3\frac{1}{4}$	$15\frac{13}{16} \times 21\frac{13}{16}$	$14\frac{3}{16} \times 20\frac{3}{16}$	$7\frac{1}{8}$	$2\frac{3}{4}$	$3\frac{1}{8}$
12×12	4.00	2.70	2.70	4.80	3.50	$14\frac{1}{16} \times 14\frac{1}{16}$	$3\frac{1}{8}$	$18\frac{5}{16} \times 18\frac{5}{16}$	$16\frac{7}{16} \times 16\frac{7}{16}$	$6\frac{3}{8}$	$2\frac{1}{2}$	$3\frac{1}{4}$
12×14	4.35	2.80	2.80	5.25	3.65	$14\frac{1}{16} \times 16\frac{1}{16}$	$3\frac{1}{8}$	$18\frac{5}{16} \times 20\frac{5}{16}$	$16\frac{7}{16} \times 18\frac{7}{16}$	$7\frac{3}{8}$	$2\frac{7}{8}$	$3\frac{1}{2}$
12×15	4.50	2.90	2.90	5.40	3.80	$14\frac{1}{16} \times 16\frac{13}{16}$	$3\frac{1}{8}$	$18\frac{5}{16} \times 21\frac{5}{16}$	$16\frac{7}{16} \times 19\frac{7}{16}$	$7\frac{7}{8}$	3	$3\frac{5}{8}$
12×16	5.60	3.50	3.50	6.70	4.60	$14\frac{1}{16} \times 18$	$3\frac{1}{8}$	$18\frac{5}{16} \times 22\frac{5}{16}$	$16\frac{7}{16} \times 20\frac{7}{16}$	$8\frac{3}{8}$	$3\frac{1}{4}$	$3\frac{3}{4}$
14×16	8.50	4.30	4.30	10.20	6.00	$16\frac{5}{16} \times 18\frac{5}{16}$	$3\frac{1}{2}$	$20\frac{5}{16} \times 22\frac{5}{16}$	$18\frac{15}{16} \times 20\frac{15}{16}$	$9\frac{3}{4}$	$3\frac{3}{4}$	4
14×18	9.00	4.50	4.50	10.80	6.30	$16\frac{5}{16} \times 20\frac{5}{16}$	$3\frac{1}{2}$	$20\frac{5}{16} \times 24\frac{5}{16}$	$18\frac{15}{16} \times 22\frac{15}{16}$	11	$4\frac{1}{8}$	$4\frac{1}{8}$
14×20	9.50	4.80	4.80	11.25	6.40	$16\frac{5}{16} \times 22\frac{5}{16}$	$3\frac{1}{2}$	$20\frac{5}{16} \times 26\frac{5}{16}$	$18\frac{15}{16} \times 24\frac{15}{16}$	14	5	$4\frac{5}{8}$
16×20	12.35	6.10	6.10	13.60	7.35	$18\frac{5}{16} \times 22\frac{5}{16}$	$3\frac{3}{8}$	$22\frac{5}{16} \times 26\frac{5}{16}$	$20\frac{7}{8} \times 24\frac{7}{8}$	$16\frac{1}{8}$	$7\frac{3}{8}$	$4\frac{1}{2}$
16×24	15.00	7.00	7.00	16.50	8.50	$18\frac{5}{16} \times 26\frac{5}{16}$	$3\frac{3}{8}$	$22\frac{5}{16} \times 30\frac{5}{16}$	$20\frac{7}{8} \times 28\frac{7}{8}$	$18\frac{3}{4}$	$8\frac{1}{4}$	$4\frac{7}{8}$
20×24	22.00	8.60	8.60	24.20	10.80	$22\frac{3}{8} \times 26\frac{3}{16}$	4	$26\frac{13}{16} \times 30\frac{13}{16}$	$25\frac{1}{4} \times 29\frac{1}{4}$	$24\frac{3}{8}$	$11\frac{3}{8}$	6
20×26	23.50	9.50	9.50	25.85	11.85	$22\frac{3}{8} \times 28\frac{5}{8}$	4	$26\frac{13}{16} \times 32\frac{13}{16}$	$25\frac{1}{4} \times 31\frac{1}{4}$	$25\frac{1}{2}$	$12\frac{1}{4}$	$6\frac{1}{4}$
24×24	30.00	12.00	12.00	33.00	15.00	$26\frac{7}{16} \times 26\frac{7}{16}$	$3\frac{3}{4}$	$30\frac{13}{16} \times 30\frac{13}{16}$	$29\frac{1}{2} \times 29\frac{1}{2}$	29	$13\frac{1}{2}$	$6\frac{1}{2}$

The weights given are net; for shipping weights add 20%.

When any of above registers are ordered as ventilators, we include a pair of brass pulleys for operating them with chains or cords, for which the register list is advanced 50 cents each.

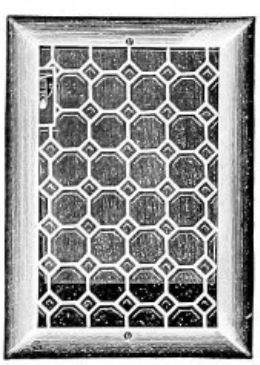
REGISTERS AND VENTILATING PLATES.

ROUND REGISTERS.

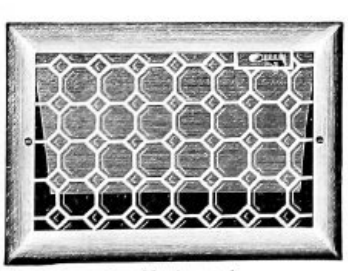
6 inch, black japanned face, cast bottom and valves, slide center movement, extreme measurements of face 7¼ in., each.. ..... $1.50

These registers can be used as ventilators in chimneys and fit in opening for 6-inch pipe.

CONVEX WAFER REGISTERS.



Set Vertical.



Set Horizontal.

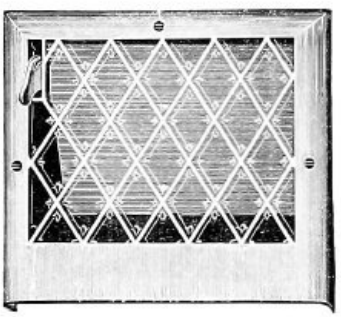
For shallow flues and thin partitions.

Convex cast face, very smoothly finished, stamped steel valve, which turns full capacity of flue into room. Very easily attached and presents a finished appearance.

Reversible—The valve is attached in such manner that by removing two screws from opposite sides it can be instantly changed from vertical to horizontal, or from horizontal to vertical.

FACE OPENING	WEIGHT	BLACK JAPND.	WHITE JAPND.	OLD COPPER
8×10	4½ lbs.	$1.65	2.00	3.15
8×12	4¾ lbs.	1.90	2.30	3.65
9×12	5½ lbs.	2.10	2.55	4.00
10×12	6¼ lbs.	2.40	2.90	4.40

IMPERIAL BASEBOARD REGISTERS.

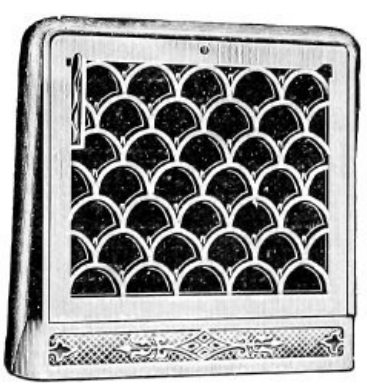


This register projects at the bottom on the floor line and a flue can be used 2 inches deeper than the studding. The narrow cast frame which is furnished with these registers can be quickly and easily attached to pipe opening. The register is held to the frame by only one screw and can be instantly attached or detached.

The face and front are cast in one piece and are polished smooth. The valve is stamped steel and may be set at any angle; when open it deflects the full capacity of the pipe into the room

FACE OPENING	OUTSIDE DIMENSIONS	WEIGHT	BLACK JAPND.	OLD COPPER
8×10	10½×12	6 lbs.	$2.00	3.85
9×12	11½×14	7½ lbs.	2.50	4.40
10×12	13 ×14½	9½ lbs.	3.75	6.00
12×14	15 ×16½	13 lbs.	5.25	9.00

SPECIAL SIDE WALL REGISTERS.



New Scale Design.

This register projects 2 inches from the baseboards and a flue can be used 3 inches deeper than the studding. The wall frame which is furnished with these registers may be set in place when heater pipes are installed and the register attached after all plastering is finished.

The face and front are polished cast iron which takes a very smooth finish. The valve is stamped steel and may be set at any angle; when open it deflects the full capacity of the flue into the room.

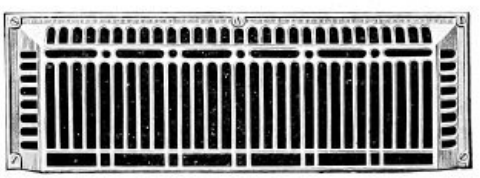
FACE OPENING	OUTSIDE DIMENSIONS	FOR ROUND PIPE	WEIGHT	BLACK JAPND.	OLD COPPER
7×10	11×13	7 in.	10½ lbs.	$2.55	4.50
7×12	11×15	8 in.	12 lbs.	3.40	5.50
8×13	12×16	9 in.	14 lbs.	4.25	6.60
10×13	14×16	10 in.	15 lbs.	5.50	8.00

VENTILATING PLATES.

New mouse-proof design to be set in baseboards as open ventilators.

SIZE OF OPENING.	WEIGHT.	BLACK JAPANNED.	OLD COPPER
4× 9	1¼ lbs.	$0.65	1.30
4×12	1¾ lbs.	.85	1.70
4×15	2 lbs.	1.10	2.25
4×18	2¼ lbs.	1.35	2.60

CONVEX VENTILATING PLATES.



To be set in baseboards as open ventilators or to take place of cold air register in floor to give perfect circulation.

SIZE OF OPENING	WEIGHT	BLACK JAPANNED	OLD COPPER
5×14	2 lbs.	$1.20	3.00
5×30	5¾ lbs.	3.20	6.50

STOVE PIPE REGISTERS.

Floor Plate.

The floor plate consists of three pieces, having a removable cap for use when stove pipe is taken down, and a sliding plate to regulate the air from below.

Ceiling Plate.

The ceiling plate has a removable cap for use when stove pipe is taken down.

Floor Plate Black Japanned, Ceiling Plate White Japanned.

No. 166—6 in., complete, w't per doz. sets 212 lbs.....per dozen sets $18.00
No. 177—7 in., complete, w't per doz sets 252 lbs.....per dozen sets 19.00
No. 266—ADAMS, 6 in., complete, w't per doz. sets 216 lbs....per dozen sets 20.00
No. 267—ADAMS, 7 in., complete, w't per doz. sets 220 lbs....per dozen sets 20.00

ONE-QUARTER DOZEN SETS IN A CASE.

CHIMNEY TOP FIXTURES, CAPS, ETC.

CHIMNEY TOP FIXTURES.

Dayton Fixtures.

Dayton, with Hood.

Dayton Automatic, Fixtures Only.

Nos.	76	77	78	710
For Pipe	6	7	8	10 in.
W't per doz. sets.	40	45	55	90 lbs.
Per doz. sets.	$11.50	13.50	15.00	18.00

This fixture is bolted to the outside of the pipe, giving full capacity to the stack, and allowing no soot to collect. The bearing is all on the extreme point making it simple and very easy turning. A set consists of all the iron parts but does not include the sheet metal hood. Full directions and complete patterns are packed in each case.

HALF DOZEN IN A CASE.

Iwan's Fixtures.

Iwan's with Hood.

Iwan's Volcano, Fixtures Only.

Nos.	6	7	8	10	12
Diameter.	6	7	8	10	12 in.
W't per doz.	34	38	48	70	100 lbs.
Per doz.	$13.00	13.50	15.00	18.00	22.00

The iron fixtures are composed only of two parts; are self-lubricating and require no pins or wire to hold down hood. Full directions with pattern for patented hood are packed in each case.

ONE DOZEN IN A CASE.

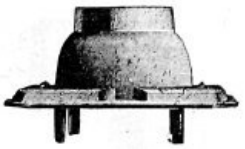
Iwan's Volcanic Tops with Hood.

Nos.	86	87	88	810	812
Diameter.	6	7	8	10	12 in.
W't per doz.	61	67	85	145	180 lbs.
Per doz.	$24.00	26.00	28.00	34.00	40.00

The Volcanic Chimney Top is an effective cure for a poor drawing chimney. The upward sloping opening in the back of the hood causes the wind to blow the smoke away and creates an upward draft in the chimney. Packed knocked down, complete with vane, guide rods and bolt.

HALF DOZEN IN A CASE.

CHIMNEY CAPS.



Cast Iron, Japanned.

No. 110—7 in. collar, size of flange 12×15 in. for chimneys 12×16 in. to 16×16 in. outside measurement, w't per doz. 180 lbs. ..... per dozen $18.00

No. 111—8 in. collar, size of flange 12×16 in. for chimneys 12×16, 16×16, 12×20, 16×20 in., outside measurement, w't per doz. 180 lbs. ..... per dozen 21.00

No. 112—10 in. collar, size of flange 16×20 in. for chimneys 16×24, 20×20, 20×24 in. outside measurement, w't per doz. 250 lbs. ..... per dozen 29.00

The legs are adjustable so that each size will fit any chimney up to the largest size for which it is designed. The legs project inside the chimney and prevent it from being blown off. It is not necessary to use mortar or cement to fasten this cap.

ONE QUARTER DOZEN IN A CRATE.

Cast Iron, Japanned.

No. 07—12½×15 in. flange, takes 7 in. pipe, for either 12×16, 12×20 or 16×16 in. chimneys, outside measurement, w't per doz 170 lbs. ..per dozen $18.00

No. 70—12×20, in. flange, takes 7 in. pipe, for either 12×16, 12×20, 12×24, 12×28, 16×16, 16×20 or 16×24 in. chimneys, outside measurement, w't per doz. 250 lbs. ..... per dozen 23.00

No. 8—11½×20 in. flange, takes 8 in. pipe, for either 12×16, 12×20, 12×24, 16×16 or 16×20 in. chimneys, outside measurement, w't per doz. 210 lbs. ..... per dozen 20.00

No. 80—15×20 in. flange, takes 8 in. pipe, for either 16×16, 16×20, 16×24, 16×28, 20×20, 20×24 or 20×28 in. chimneys, outside measurement, w't per doz. 290 lbs. ..... per dozen 28.00

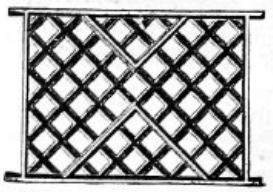
No. 10—19×24 in. flange, takes 10 in. pipe for either 20×20, 20×24, 20×32, 24×24, 24×28 or 24×32 in. chimneys, outside measurement, w't per doz. 470 lbs. ..... per dozen 42.00

ONE DOZEN IN A CRATE.

No. 18—12½×16 in. flange, takes 8 in. pipe, for either 12×16, 12×20, 16×16 or 16×20 in. chimneys, outside measurement, with adjustable legs, w't per doz. 170 lbs ..... per dozen $20.00

The legs are easily adjusted and hold the cap securely. Legs have holes for driving nails into mortar below top row of brick. Cap also has slots for cement fastening.

FOUNDATION GRATES.



Cast Iron, Japanned.

Size	6×8	6×12	8×8	8×10 in.
W't per doz.	15	28	26	30 lbs.
Per dozen	$2.00	2.75	2.75	3.00

Size	8×12	8×16	8×20	10×12 in.
W't per doz.	31	42	85	40 lbs.
Per dozen	$3.50	4.00	5.00	4.50

For cellar, attic, veranda, barn or other place where ventilation is necessary.

ONE DOZEN IN A BUNDLE.

ROOF SADDLES OR RAIN PROOFS.

No. 6.

Nos. 62 and 72.

Taper Collar, Adjustable to ¼, ⅓ or ½ Pitch. 18×18 in. Flange.

No. 6—6 in., japanned iron, top or comb, w't per doz. 30 lbs. ..per dozen $7.50

No. 60—6 in., galvanized iron, top or comb, w't per doz. 30 lbs. ..per dozen 9.50

No. 61—6 in., japanned iron, side, w't per doz. 30 lbs. ..... per dozen 7.50

No. 62—6 in. galvanized iron, side, w't per doz. 30 lbs. ..... per dozen 9.50

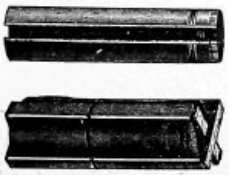
No. 70—7 in., galvanized iron, top or comb, w't per doz. 33 lbs. ..... per dozen 11.00

No. 72—7 in., galvanized iron, side, w't per doz. 33 lbs. ..... per dozen 11.00

ONE DOZEN IN A CRATE

STOVE PIPE, ELBOWS AND DAMPERS.

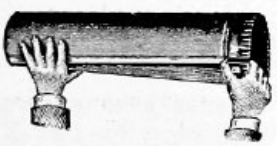
PEERLESS STOVE PIPE.



Sizes.	5	6	7	in.
W't per 100 joints	200	225	250	lbs.
No. 29 Blued Steel	$13.50	14.50	19.50	
No. 28 Blued Steel	15.50	17.00	21.00	
No. 26 Blued Steel		19.50	24.00	
Polished Steel	24.50	27.00	31.00	
Planished Steel	49.00	53.00	67.00	

TWENTY-FIVE JOINTS IN A CRATE.

ACME STOVE PIPE.



Sizes.	5	6	7	in.
W't per 100 joints	200	225	250	lbs.
Blued steel, per 100 joints	$15.50	16.50	20.00	

TWENTY-FIVE JOINTS IN A CRATE.

MADE-UP STOVE PIPE.

Regular.

Sizes.	3	4	5	in.
W't per 100 joints	100	125	150	lbs.
Common, smooth, per 100 joints	$12.00	12.50	13.00	
Planished, per 100 joints			53.00	

Sizes.	6	7	in.
W't per 100 joints	200	225	lbs.
Common, smooth, per 100 joints	$14.50	18.50	
Planished, per 100 joints	57.00	69.00	

TWENTY-FIVE JOINTS IN A CRATE.

TAPER JOINTS.

Acme, 7 to 6 in.	per 100 joints	$21.00
Smooth, made up, 7 to 6 in.	"	23.00
Planished, made up, 7 to 6 in.	"	80.00

T JOINTS.

Handy Nested.

Smooth "T."

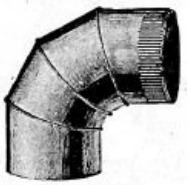
6 in., HANDY NESTED, w't per crate, 13 lbs. ..... per 100 joints $34.00

NESTED 10 IN A CRATE.

Smooth, 6 in., w't per 100 joints, 265 lbs., per 100 joints 49.00

LOOSE.

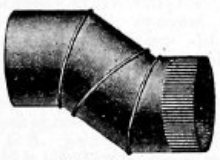
ELBOWS.



Four-Piece.

Sizes.	5	6	7	in.
W't per doz.	6½	8½	14	lbs.
Smooth per dozen	$0.96	1.00	1.60	
Polished. "	1.90	2.10	2.90	
Planished. "	2.80	3.00	5.20	
Extra long, smooth, 6 in., per dozen			$1.40	

ONE DOZEN IN A BUNDLE.



Adjustable.

Sizes.	3	4	5	in.
W't per doz.	3	6	10	lbs.
Blued steel per dozen	$1.30	1.50	1.50	
Planished. "			3.80	

Sizes.	6	7	in.
W't per doz.	13	18	lbs.
Blued steel per dozen	$1.60	2.40	
Planished. "	4.30	5.50	

Extra long, blued 6 in., with 4 in. end ..... per dozen $2.84

The 3 and 4 in. elbows are made principally for gas stoves.

ONE DOZEN IN A BUNDLE.

"O. H.," One Piece, Double Seamed on Outside and Corrugated Full Circumference.

Sizes.	3	4	5	6	7	in.
W't per doz.	3	6	12	16	22	lbs.
Common, per dozen	$1.00	1.20	1.40	1.70	2.25	
Refined, smooth, per dozen			1.75	2.10	2.85	
Polished, per dozen			2.40	3.10	4.00	
Planished "			4.25	5.35	7.00	

These elbows are very strong, true to angle, and made of heavier iron than is used in ordinary elbows.

ONE DOZEN IN A BUNDLE.

DAMPERS.

Nickeled Steel Ferrule, Wood Handle, Sharp Spindle, Cast Iron Blade.

No. 8—Sizes	3	4	5	6	in.
W't per doz	3½	5	7½	9	lbs
Per dozen	$1.15	1.25	1.35	1.50	

No. 8—Sizes	7	8	9	10	in.
W't per doz	13	18	25	32	lbs.
Per dozen	$2.00	3.00	4.00	5.00	

Can be put in pipe without the aid of any tool.

DAMPERS.

Wood Handle, Sharp Spindle, Smooth Cast Iron Blade.

No. 5—Sizes	3	4	5	in.
W't per doz.	3½	5	7½	lbs.
Per dozen	$1.15	1.25	1.35	

No. 5—Sizes	6	7	in.
W't per doz.	9	13	lbs.
Per dozen	$1.50	2.00	

Can be put in pipe without the aid of any tool.

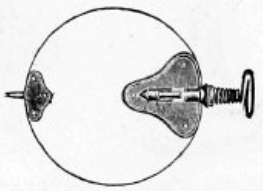
Nickel Plated Iron Handle, Sharp Spindle, Smooth Cast Iron Blade.

No. 6—Sizes	3	4	5	in.
W't per doz.	3½	5	7½	lbs.
Per dozen	$1.15	1.25	1.35	

No. 6—Sizes	6	7	in.
W't per doz.	9	13	lbs.
Per dozen	$1.50	2.00	

Can be put in pipe without the aid of any tool.

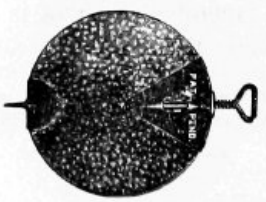
DAMPER CLIPS.



No. 13—Wrought steel, wire handle, without tail piece, w't per doz. 4 lbs., per dozen $1.60

No. 14—Wrought steel, wire handle, with tail piece, w't per doz. 4½ lbs., per dozen 1.75

Suitable for furnace and large pipe.



No. 18—NO-RIVET, wrought steel, wire handle with tempered spring, the inner point of clip is sharp and turned at right angles, lugs at outer edge are open to admit any thickness of sheet metal, *without tail pieces,* w't per doz. 4 lbs., per dozen $1.60

No. 20—With tail pieces, otherwise same as No. 18 ..... per dozen 1.75

Can be attached in less time than it takes to mark rivet holes in old style clip. To attach, push lugs over edge of damper, drive point through and clinch. Tail pieces attached in same way. Tail pieces recommended for dampers 10 inches in diameter or larger.

STOVE PIPE CYLINDERS, COLLARS, ETC.

STOVE PIPE CYLINDERS.

Solid.

Nos.	66	68	610	612
Size	6×6	6×8	6×10	6×12 in.
W't per doz.	15	20	22	26 lbs.
Per dozen	$5.00	5.50	6.00	7.00

HALF DOZEN IN A CRATE.

Light Spring Adjustable.

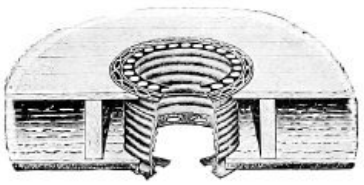
Nos.	36	46
For pipe	6	6 in.
Extension	4 to 7	6 to 12 in.
W't per doz	19	25 lbs.
Per dozen	$8.00	9.00

HALF DOZEN IN A CRATE.

Regular Spring Adjustable.

Nos.	16	26	17	27
For pipe	6	6	7	7 in.
Extension	4 to 8	6 to 12	4 to 8	6 to 12 in.
W't per doz.	20	27	27	30 lbs.
Per dozen	$11.00	12.00	13.00	14.00

HALF DOZEN IN A CRATE.



Corrugated Adjustable, Steel Head, Bright Tin Body, Adjusts by Turning Two Halves Together.

Nos.	64	65	74	75
For pipe	6	6	7	7 in.
Extension	4 to 7½	6 to 12	4 to 7½	6 to 12 in.
W't per doz.	21	24	24	30 lbs.
Per dozen	$11.00	12.00	13.00	14.00

HALF DOZEN IN A CRATE.

CYLINDER RINGS.

Cast Iron.

Nos.	55	56	57
Inside diameter	5	6	7 in.
W't per doz. pair	19	23	25 lbs.
Per dozen pair	$2.25	2.50	3.00

ONE DOZEN PAIR IN A BOX.

No. 76—6 in. japanned steel, w't per doz. pair 8 lbs. ..... per dozen pair $2.50

ONE DOZEN PAIR IN A BOX.

STOVE PIPE COLLARS.

Nos. 3 and 4 Reducing. Nos. 5, 6 and 7 Regular.

Plain Tin.

Diameter of hole	5	6	7 in.
W't per doz.	1	1½	2 lbs.
Per dozen	$0.50	.60	.75

Lacquered Brass Finish, Embossed.

Diameter of hole	3	4	5 in.
W't per doz.	½	¾	1 lb.
Per dozen	$0.90	.85	.80
Diameter of hole		6	7 in.
W't per doz.		1½	2 lbs.
Per dozen		$0.80	.90

ONE DOZEN IN A PACKAGE.

CHIMNEY THIMBLES.

Nos. 6 and 7. Nos. 660 and 667. Nos. 60 and 70.

Black Sheet Iron.

No. 6—6 in., solid, per dozen $0.75
No. 7—7 in., solid, per dozen 1.00

WEIGHT PER DOZEN 4 LBS., IN BUNDLES.

Galvanized Iron, Depth 4½ Inches, Flanged Edge.

No. 660—6 in. only, w't per doz. 5 lbs., per dozen $1.00
No. 667—6 or 7 in. adjustable, w't per doz. 6 lbs. ..... per dozen 1.10

ONE DOZEN IN A NEST.

Cast Iron, Depth 4 Inches, ¾ Inch Flange.

No. 60—6 in., w't per doz. 25 lbs., per dozen $5.75
No. 70—7 in., w't per doz. 28 lbs., per dozen 6.25

ONE DOZEN IN A NEST.

Nos. 56 and 57. Showing Pipe Secured.

Nos. 83 and 84.

Logan's.

No. 56—6 in., sheet steel, 3 in. inside flange, with corrugated edge, w't per doz. 8½ lbs. ..... per dozen $2.75
No. 57—7 in., w't per doz. 10½ lbs., otherwise same as No. 56 ..... per dozen 3.15

The flange makes the thimble air tight, dispenses with wirings, holds pipe in place, and is absolutely fire proof.

ONE DOZEN IN A CRATE.

Reducing, Black Sheet Steel.

No. 83—Reducing 6 to 3 in., w't per doz. 7 lbs. ..... per dozen $3.00
No. 84—Reducing 6 to 4 in., w't per doz. 8 lbs. ..... per dozen 3.00

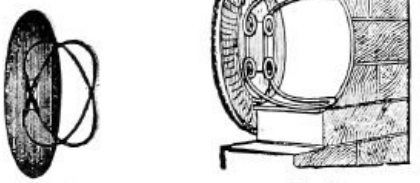
ONE DOZEN IN A CRATE.

FLUE STOPPERS

No. 6. No. 16. No. 3.

No. 6—Plain, tin, 5 to 6 in., w't per doz. 2¾ lbs. ..... per dozen $0.75
No. 16—Lacquered, corrugated, with picture, common flat spring fastening, 5 to 6 in., w't per doz. 3¼ lbs. .. per dozen 1.00
No. 3—GEM, corrugated, with picture, folding spring wire fastening, for 6 in. flues, w't per doz. 3 lbs. ..... per dozen 1.50

ONE DOZEN IN A BOX.



No. 1. No. 14.

No. 1—GEM, painted, flat tin, folding spring wire fastening, for 6 in. flues, w't per doz. 3¾ lbs. ..... per dozen $1.75
No. 14—Lacquered, wire spring brackets, adjust to 5, 6 and 7 in. thimbles, w't per doz. 3½ lbs. ..... per dozen 1.50

No. 1 is designed for use where it is desired to cover with wall paper.

ONE DOZEN IN A BOX.

No. 156 No. 157.

No. 156—LOCK TIGHT, lacquered, reversible, for 6 in. thimble ..... per dozen $1.80
No. 157—LOCK TIGHT, lacquered, reversible, for 7 in. thimble ..... per dozen 2.00

When reversed for papering, sunken center forms dead air space under paper, preventing burning.

ONE DOZEN IN A BOX.

No. 10—KIRCH'S, corrugated and lacquered, heavy sheet steel cone lock, for 5, 6 or 7 in. flues, w't per doz. 5½ lbs., per dozen $2.75

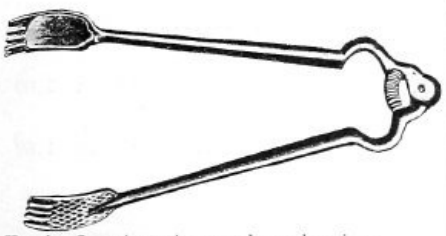
Prevents gas, smoke, water, soot or fire escaping from flue. It is absolutely clean, as it holds soot back 3½ in. from the front.

ONE DOZEN IN A BOX.

COAL TONGS, POKERS, COVER LIFTERS, ETC.

COAL TONGS.

No. 1—Cast iron, japanned, length 13 in., w't per doz. 15 lbs.....per dozen $2.00
HALF DOZEN IN A BUNDLE.



No. 4—Grey iron, japanned, steel spring, length 13 in., w't per doz. 17 lbs., per dozen..... $3.00
HALF DOZEN IN A BUNDLE.

No. 3—Wrought iron, japanned, brass spring, length 17 in., w't per doz. 16 lbs.....per dozen $3.50
HALF DOZEN IN A BUNDLE.

No. 101—Polished steel spring, stamped steel claws, length 17 in., w't per doz. 14 lbs.....per dozen $5.00
HALF DOZEN IN A BOX.

CLINKER TONGS.

No. 2—Gibbs, ½ in. steel hook, 4½ ft. rod, prongs of wrought iron attached to gas pipe, stained wood handles, w't per doz. 58 lbs. .....per dozen $18.00

No. 5—Burlington, japanned, 46 in. long, malleable claws, w't per doz. 24 lbs. per dozen..... $24.00

These tongs open and close like the claws of an eagle, operated and controlled with one hand, and will remove both large and small clinkers from any part of the grate.

STOVE POKERS.

No. 30—Wrought steel, straight, 30×$\frac{7}{16}$ in., w't per doz. 16 lbs.....per dozen $2.50
ONE DOZEN IN A BUNDLE.

No. 5—Wrought steel, japanned, bent, 30×$\frac{7}{16}$ in., w't per doz. 16 lbs..per dozen $2.50
ONE DOZEN IN A BUNDLE.

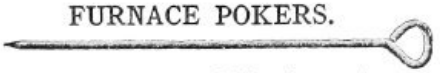
Nickel Plated Steel Wire Rod, Straight, Coil Handle with Eye for Hanging.

No. 04—20×¼ in., w't per doz. 5 lbs. per dozen..... $1.00
No. 4—20×$\frac{9}{32}$ in., w't per doz. 7 lbs. per dozen..... 1.25
No. 40—26×⅜ in., w't per doz. 13 lbs., per dozen..... 2.00
ONE DOZEN IN A BOX.

Nickel Plated, Steel Wire Rod, Bent, Coil Wire Handle With Eye for Hanging.

No. 01—20×¼ in., w't per doz. 5 lbs., per dozen..... $1.00
No. 1—20×$\frac{9}{32}$ in., w't per doz. 7 lbs., per dozen..... 1.25
No. 41—26×⅜ in., w't per doz. 13 lbs., per dozen..... 2.00
ONE DOZEN IN A BOX.

FURNACE POKERS.



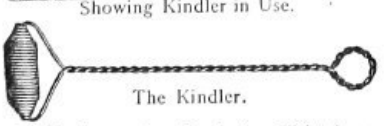
No. 160—Straight, 48×½ in., japanned steel rod, large loop handle, w't per doz. 40 lbs.....per dozen $5.00
No. 165—Bent, otherwise same as No. 160, per dozen..... 5.00
ONE DOZEN IN A BUNDLE.

STOVE SCRAPERS.

No. 7—Wrought steel, length 36 in., w't per doz. 10 lbs.....per dozen $0.75
ONE DOZEN IN A BUNDLE.

FIRE KINDLERS.

Showing Kindler in Use.



The Kindler.

No. 8—Yankee, galvanized wire, 1¼×4 in. bulb filled with asbestos wick, 14 in. twisted wire handle, w't per dozen 6 lbs.....per dozen $4.00

Dip the bulb into kerosene until the asbestos wick is thoroughly saturated, roll kindler lightly in dry ashes, apply match and it will light instantly. Place burning kindler under the grate and pile fuel over it. When oil in kindler has burned out, remove it from stove.

STOVE COVER LIFTERS.

No. 1—8½ in., coppered iron, w't per dozen 3 lbs.....per dozen $0.30
IN BARRELS.

No. 3—9 in., coppered iron, round handle, w't per doz. 4 lbs. .....per dozen $0.38
IN BARRELS.

No. 66—IDEAL, 9 in., nickel plated cold handle, w't per doz. 4¼ lbs., per dozen $0.83
ONE DOZEN IN A BOX.

No. 10—"REV-O-NOC," 10 in., nickel plated, always cold spiral handle with ring, w't per doz. 5½ lbs.,..per dozen $1.00
ONE DOZEN IN A BOX.

No. 12—10 in., combination shaker and lifter, ⅝ in. socket, always cold spiral handle, with ring, nickel plated, w't per doz. 7 lbs. .....per dozen $1.25
ONE DOZEN IN A BOX.

No. 76—IDEAL, 8½ in., nickel plated, always cold coil handle, w't per doz. 12 lbs.....per dozen $0.92
ONE DOZEN IN A BOX.

No. 2—"REV-O-NOC," 9¼ in., nickel plated always cold coil handle, w't per doz. 13 lbs.....per dozen $1.25
ONE DOZEN IN A BOX.

STOVE SHOVELS.

Black Japanned, Stamped One Piece of Sheet Steel, Scoop Well Proportioned.

No. 800—Scoop 4¾×7 in., length 15 in., No. 20 sheet steel, w't per doz. 5 lbs., per dozen..... $0.60

No. 15—Scoop 4¾×7½ in., length 16 in., No. 18 sheet steel, w't per doz. 7 lbs. .....per dozen 1.10

ONE DOZEN IN A BUNDLE.

No. 130—Japanned, tin covered handle, scoop 4¾×7½ in., length 16 in., No. 19 sheet steel, w't per doz. 8 lbs., per dozen..... $1.20

HALF DOZEN IN A BUNDLE.

Black Japanned, Stamped One Piece of Sheet Steel, Round Hollow Handle.

No. 54—Scoop 4¾×7 in., length 15 in., w't per doz. 6½ lbs.....per dozen $0.80

No. 56—Scoop 4¾×8 in., length 20 in., w't per doz. 8 lbs.....per dozen .90

No. 57—Scoop 5×8½ in., length 23 in., w't per doz. 10 lbs.....per dozen 1.25

HALF DOZEN IN A BUNDLE.

No. 255—Galvanized, round hollow handle, stamped one piece, scoop 4¾×7½ in., length 16 in., w't per doz. 9 lbs.....per dozen $1.20

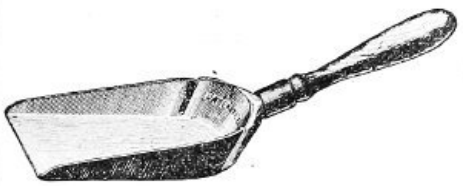
HALF DOZEN IN A BUNDLE.

No. 256—Galvanized, round hollow handle, stamped one piece, scoop 4¾×8 in., length 20 in., w't per doz. 8 lbs., per dozen..... $1.25

HALF DOZEN IN A BUNDLE.

No. 25—Black japanned, round edge handle, stamped one piece, scoop 5×8 in., length 23 in., w't per doz. 11 lbs., per dozen..... $1.60

HALF DOZEN IN A BUNDLE.



No. 12—Japanned steel scoop 4½×6½ in., malleable iron clamp, stained wood handle, length over all 14 in., w't per doz. 8 lbs.....per dozen $1.90

HALF DOZEN IN A BUNDLE.

IXL Black Japanned Stamped Scoop Securely Riveted to Double Oval Handle, this Reinforces the Shovel at the Heel, and and Makes it Extra Strong.

No. 100—Scoop 5×7½ in., length 16 in., w't per doz. 12 lbs.....per dozen $1.75

No. 105—Scoop 5×8½ in., length 22 in., w't per doz. 14 lbs.....per dozen 2.25

No. 110—Scoop 5½×9 in., length 25 in., w't per doz. 16 lbs.....per dozen 2.75

HALF DOZEN IN A BUNDLE.

No. 300—Black japanned round hollow handle, extra strong, scoop 6×9 in., length 25½ in., w't per doz. 18 lbs., per dozen..... $2.25

HALF DOZEN IN A BUNDLE.

No. 16—Tinned steel scoop, 5×7½ in., malleable iron shank, nickel plated, always cool handle, length 17 in., w't per doz. 11 lbs.....per dozen $2.75

HALF DOZEN IN A BUNDLE.

No. 26—Black japanned, stamped steel scoop, 5×7½ in., length 24 in., w't per doz. 20 lbs.....per dozen $3.50

HALF DOZEN IN A BUNDLE.

Pittsburg Pattern, Extra Heavy Steel Scoop, Wrought Iron Handle, Black Japanned.

No. 2—Scoop 5 ×6½ in., length 22½in., w't per doz. 11 lbs.....per dozen $1.90

No. 3—Scoop 5¾×7 in., length 25 in., w't per doz. 16 lbs..... " 2.50

No. 4—Scoop 6 ×7¾ in., length 27 in., w't per doz. 22 lbs..... " 3.25

No. 5—Scoop 6¾×8¾ in., length 31 in., w't per doz. 30 lbs..... " 4.00

ONE DOZEN IN A BUNDLE.

No. 11—School House, extra heavy steel scoop 6½×8¾ in., wrought iron loop handle, length 31 in., w't per doz. 35 lbs.....per dozen $6.00

HALF DOZEN IN A BUNDLE.

COAL HODS, ASH SIFTERS, SPARK GUARDS, ETC.

COAL HODS.

Japanned, Open.

Size	16	17	18	20 in.
W't per doz.	26	29	33	43 lbs.
Per dozen	$3.00	3.30	3.75	6.00

Galvanized, Open.

Size	16	17	18	20 in.
W't per doz.	32	34	39	50 lbs.
Per dozen	$4.30	4.60	5.40	7.50

HALF DOZEN IN A BUNDLE.

17 in., japanned, funnel, w't per doz. 32 lbs. ..... per dozen $4.40

17 in., galvanized, funnel, w't per doz. 40 lbs. ..... per dozen 5.80

ONE QUARTER DOZEN IN A BUNDLE.

Open.

Funnel.

Fancy Open, Japanned, Gold Striped.

Size	16	17	18 in.
W't per doz.	26	29	33 lbs.
Per dozen	$4.20	4.60	5.20

HALF DOZEN IN A BUNDLE.

17 in., fancy funnel, japanned, gold striped, w't per doz. 32 lbs.. per dozen $5.50

ONE QUARTER DOZEN IN A BUNDLE.

Open.

Funnel.

Victor, Extra Heavy.

17 in., japanned, open, w't per doz. 36 lbs., per dozen $5.80

17 in., galvanized, open, w't per doz. 40 lbs. ..... per dozen 7.15

17 in., galvanized, funnel, w't per doz. 50 lbs. ..... per dozen 9.75

The bottom is extra heavy, oval and embossed, put in by a patent double lock seam, genuine wired. There are six thicknesses of metal, where body, bottom and foot are joined, making it practically indestructible. Half oval steel bail, cold rolled steel ears.

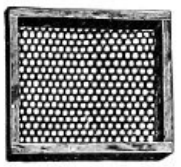
OPEN, HALF DOZEN; FUNNEL, ONE SIXTH DOZEN IN A BUNDLE.

ASH SIFTERS.

No. 5—12×14 in., stained wood frame, black wire, w't per doz. 24 lbs., per dozen $1.75

No. 10—12×14 in., stained wood frame, galvanized wire, w't per doz. 29 lbs., per dozen 2.50

HALF DOZEN IN A CRATE.

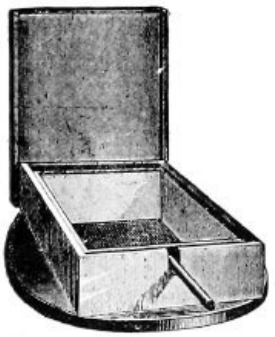


No. 320—12×14 in., stained wood frame, perforated black sheet steel screen, w't per doz. 26 lbs. ..... per dozen $3.25

HALF DOZEN IN A CRATE.

No. 08—Metallic, 14 in. all steel, japanned w't per doz. 24 lbs. ..... per dozen $5.00

FOUR DOZEN IN A CRATE.



No. 06—Barrel, 12×12 in. sieve, stained wood, w't per doz. 102 lbs.. per dozen $6.00

ONE QUARTER DOZEN IN A CRATE.

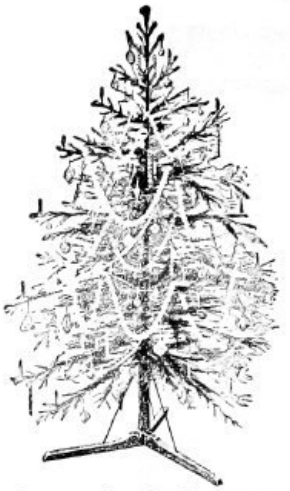
No. 101—HUSTLER, size 1, galvanized iron, made to fit an 18 in. iron can or flour barrel, w't per doz. 300 lbs., per dozen $85.00

No. 102—HUSTLER, size 2, galvanized iron, made to fit a 20 in. can or sugar barrel, w't per doz. 335 lbs., per dozen 125.00

Price does not include can or hod shown in illustration.

ONE-SIXTH DOZEN IN A CRATE.

CHRISTMAS TREE HOLDERS.

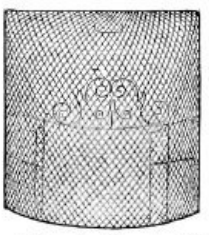


No. 1D—OSBORN, length of spread 23 in., height 8 in., w't per doz. 22 lbs. Per dozen $4.00

The legs are of hard wood, finished in appropriate green, with two steel face plates, one on the top and one on the bottom, riveted pivotally to them, so that they can be open or folded. On the face plates are small guards which hold the legs in the proper position, and inserted through them is a large spike to drive into the tree. The steel braces are detachable and the whole device can be readily fitted for use or compactly folded up.

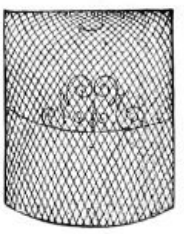
ONE IN A FANCY PASTEBOARD BOX.

SPARK AND FIRE GUARDS.



Square Top, Crimped Tinned Wire, ¾ Inch Diamond Mesh.

Nos.	124	128	130
Width	24	28	30 in.
Height	30	30	30 in.
W't per doz.	30	36	42 lbs.
Per dozen	$11.25	12.50	14.00



Square Top, Crimped Tinned Wire, ¾ Inch Diamond Mesh, Lined with Fine Mesh Wire Cloth.

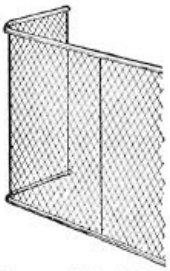
Nos.	22	24	28	30
Width	22	24	28	30 in.
Height	24	30	30	30 in.
W't per doz.	30	36	42	48 lbs.
Per dozen	$14.75	19.25	21.00	22.50

To better protect in transit, it is desirable to ship several nested in a crate.

HALF DOZEN IN A PACKAGE.

FENDERS, ANDIRONS, AND FIRE DOGS.

FIRE FENDERS.



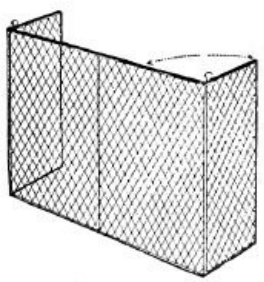
Rigid Frame, Bronzed Half Oval Top Bar, ¾ Inch Mesh, Crimped Tinned Wire.

No. 2—Height 18 in., depth 15 in., one each 32, 34 and 36 in. long, nested, w't per doz. nests 144 lbs. .per dozen nests $51.00

No. 3—Height 24 in., depth 15 in., one each 32, 34 and 36 in. long, nested, w't per doz. nests 180 lbs..per dozen nests 60.00

No. 4—Height 30 in., depth 15 in., one each 32, 34 and 36 in. long, nested, w't per doz. nests 216 lbs..per dozen nests 78.00

THREE IN A NEST. WE DO NOT BREAK NESTS.

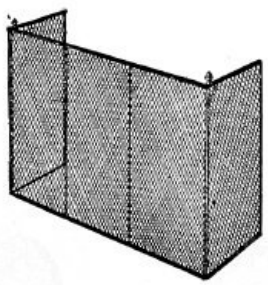


Folding Frame, Lock Joint, Bronzed Half Oval Top Bar, ¾ Inch Mesh, Crimped Tinned Wire.

No. 20—Height 24 in., depth 13 in., length 34 in., w't per doz. 110 lbs., per dozen..... $27.75

No. 21—Height 30 in., depth 13 in., length 34 in., w't per doz. 120 lbs., per dozen..... 29.25

ONE QUARTER DOZEN IN A CRATE.



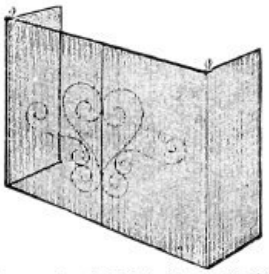
Folding Frame, Lock Joint, Brass Half Oval Top Bar, Brass Acorn Tips, ¾ Inch Mesh, Crimped Tinned Wire, Lined Fine Tinned Wire Cloth.

No. 25—Height 24 in., depth 13 in., length 34 in., w't per doz. 130 lbs., per dozen..... $60.50

No. 27—Height 30 in., depth 13 in., length 34 in., w't per doz. 150 lbs., per dozen..... 63.00

ONE IN A CRATE.

FIRE FENDERS.



Folding Frame, Lock Joint, Brass Half Oval Top Bar, Brass Acorn Tips, ½ Inch Square Mesh, Black Heavy Cloth with Brass Scroll.

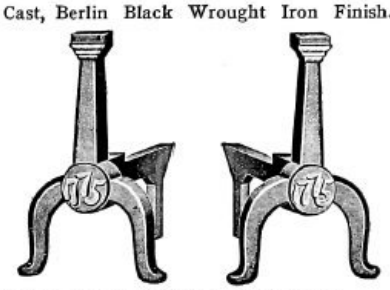
No. 31—Height 24 in., depth 13 in., length 34 in., w't per doz. 145 lbs., per dozen..... $63.00

No. 33—Height 30 in., depth 13 in., length 34 in., w't per doz. 160 lbs., per dozen..... 69.00

ONE QUARTER DOZEN IN A CRATE.

ANDIRONS.

Cast, Berlin Black Wrought Iron Finish.



No. 3012—Height 13½ in., depth 13 in., w't per pair 26 lbs.....per pair $4.00

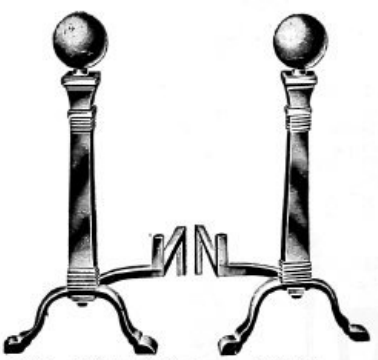
No. 3045—Height 18½ in., depth 15 in., w't per pair 12 lbs.....per pair $4.00

No. 3005—Height 18 in., depth 15 in., w't per pair 20 lbs.....per pair $5.50

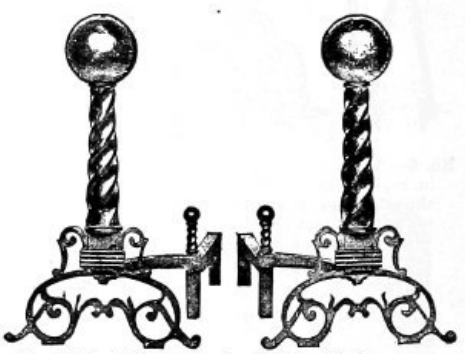
ANDIRONS.

Cast, Berlin Black Wrought Iron Finish.

No. 3034—Height 18½ in., depth 16 in., w't per pair 20 lbs.....per pair $7.50

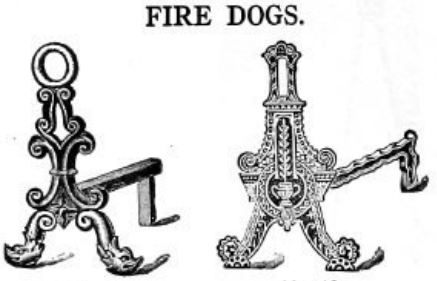


No. 3031—Height 23½ in., depth 17 in., w't per pair 30 lbs.....per pair $8.50



No. 3013—Height 21 in., depth 20 in., w't per pair 40 lbs.....per pair $9.50

FIRE DOGS.



No. 3. No. 13.

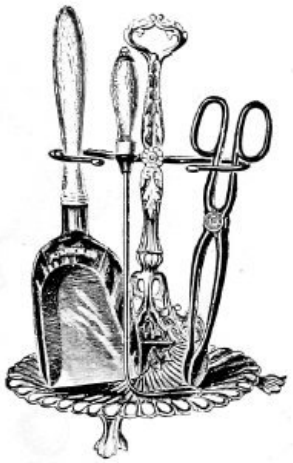
No. 3—Japanned iron, height 16 in., w't per pair 12 lbs.....per pair $2.00

No. 13—Bronzed iron, height 16 in., w't per pair 13 lbs.....per pair 2.50

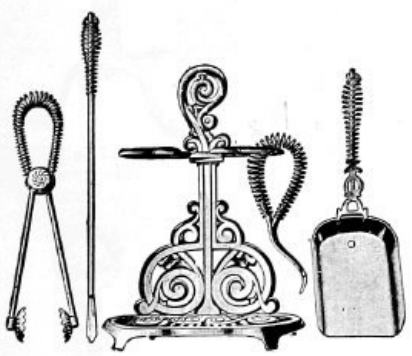
SIX PAIRS IN A CASE.

KITCHEN SETS AND FIRE IRONS.

KITCHEN FIRE SETS.



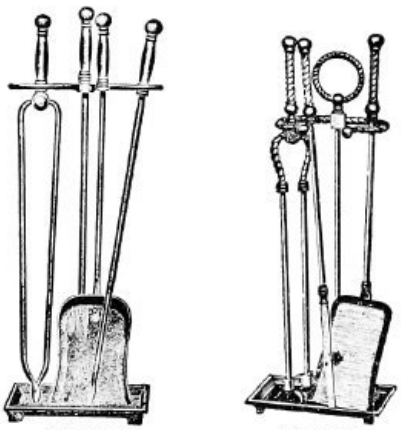
. 1—Bronzed iron stand, height 17 in., japanned, steel shovel, with hardwood handle, japanned poker and tongs, w't per doz. sets 90 lbs..per dozen sets $14.00
HALF DOZEN SETS IN A CASE.



No. 4—ALASKA, nickel plated stand, 16 in. high, nickel plated coil wire handled shovel, tongs, cover lifter and poker, w't per doz. sets 108 lbs., per dozen sets $36.00
ONE SET IN A PACKAGE.

No. 5—ALASKA, nickel plated stand with coil handle, 27 in. high, nickel plated coil wire handled, shovel, tongs and poker, w't per doz. sets 156 lbs., per dozen sets..... $90.00
ONE SET IN A PACKAGE.

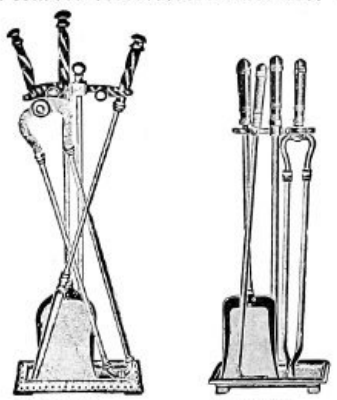
FIRE IRONS AND STANDS.



No. 4412. No. 4409.

Berlin Black, Wrought Iron Finish.

No. 4412—Stand with shovel, tongs, and poker, height 24 in., w't per set 9 lbs., per set..... $4.00
No. 4409—Stand with shovel, tongs and poker, height 25 in., w't per set 14 lbs., per set..... 4.75



No. 4405. No. 4414.

Berlin Black, Wrought Iron Finish.

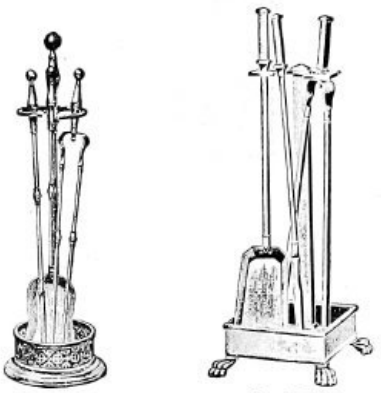
No. 4405—Stand with shovel, tongs and poker, height 24 in., w't per set 14½ lbs.....per set $5.50
No. 4414—Stand, with shovel, tongs and poker, height 31 in., w't per set 20 lbs., per set..... 7.00

No. 130. No. 132.

Polished Brass, Lacquered.

No. 130—Stand, with shovel, tongs and poker, height 25 in., w't per set 8 lbs., per set..... $9.00
No. 132—Stand, with shovel, tongs and poker, height 25 in., w't per set 8½ lbs., per set..... 12.00
ONE SET IN A PACKAGE.

FIRE IRONS AND STANDS.

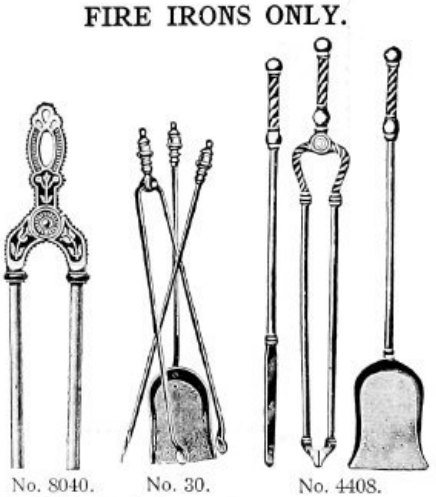


No. 95. No. 281.

Polished Brass, Lacquered.

No. 95—Stand, with shovel, tongs and poker, height 28 in., w't per set 10 lbs., per set..... $12.50
No. 281—Stand, with shovel, tongs and poker, height 27 in., w't per set 12 lbs., per set..... 20.00
ONE SET IN A PACKAGE.

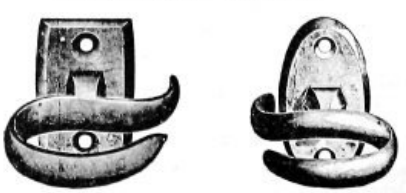
FIRE IRONS ONLY.



No. 8040. No. 30. No. 4408.

No. 8040—Steel japanned cast heads, shovel, tongs and poker, height 24 in., w't per set 4 lbs.....per set $1.35
No. 30—Polished steel cast brass heads, shovel, tongs and poker, height 25 in., w't per set 4½ lbs.....per set 3.15
No. 4408—Berlin Black, wrought iron finish, shovel, tongs and poker, height 29 in., w't per set 8 lbs.....per set 3.50
ONE SET IN A PACKAGE.

FIRE IRON RESTS.



No. 100D. No. 10D.

No. 100D—Cast wrought iron, finish, per pair..... $0.50
No. 10D—Polished brass.....,per pair 1.75
These rests are attached to side of fireplace and serve purpose of stand.

STOVE BOARDS.

Aluminum Finish.

This board is made of tin nicely embossed with an aluminum finish which brings out the pattern, the higher surface showing the bright tin.

Florentine.

Made of sheet steel enameled in two shades of green, with brown and black. The design is tasty and the covering is durable.

ALUMINUM FINISH.

Square, Paper Lined.

No. 500—Inches	24×24	26×26	28×28	30×30	32×32	34×34	36×36
W't per doz	33	40	45	50	58	65	70 lbs.
Per dozen	$9.00	9.84	10.92	12.96	14.76	16.80	20.40

ONE DOZEN IN A CASE.

Square, Wood Lined.

No. 85—Inches	26×26	28×28	30×30	33×33	36×36
W't per doz	112	124	148	172	204 lbs.
Per dozen	$15.00	18.00	19.80	25.80	32.40

HALF DOZEN IN A CASE.

Oblong, Paper Lined.

No. 600—Inches	21×36	26×30	28×32	30×36	32×42
W't per doz	49	44	52	60	75 lbs.
Per dozen	$12.60	12.60	14.40	16.80	20.76

ONE DOZEN IN A CASE.

Oblong, Wood Lined.

No. 95—Inches	21×36	26×32	28×34	30×38	32×42
W't per doz	138	134	154	182	206 lbs.
Per dozen	$16.80	18.60	21.00	24.00	28.80

HALF DOZEN IN A CASE.

FLORENTINE.

Square, Paper Lined.

No. 15—Inches	24×24	26×26	28×28	30×30	32×32	34×34	36×36
W't per doz	33	40	45	50	58	65	70 lbs.
Per dozen	$9.00	9.84	10.92	12.96	14.76	16.80	20.40

ONE DOZEN IN A CASE.

Square, Wood Lined.

No. 10—Inches	24×24	26×26	28×28	30×30	33×33	36×36
W't per doz	95	112	124	148	172	204 lbs.
Per dozen	$13.20	15.00	18.00	19.80	25.80	32.40

HALF DOZEN IN A CASE.

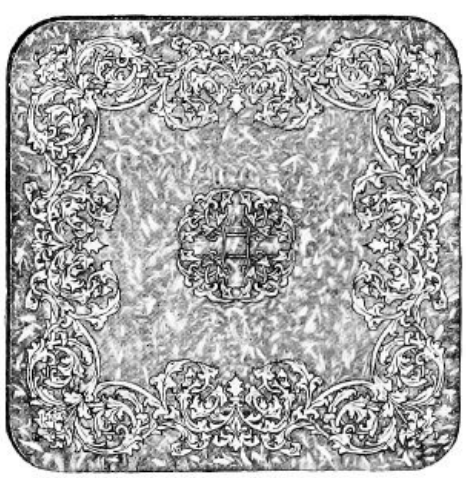
Oblong, Paper Lined.

No. 25—Inches	24×36	26×30	28×32	30×36	32×42
W't per doz	49	44	52	60	75 lbs.
Per dozen	$12.60	12.60	14.40	16.80	20.76

Oblong, Wood Lined.

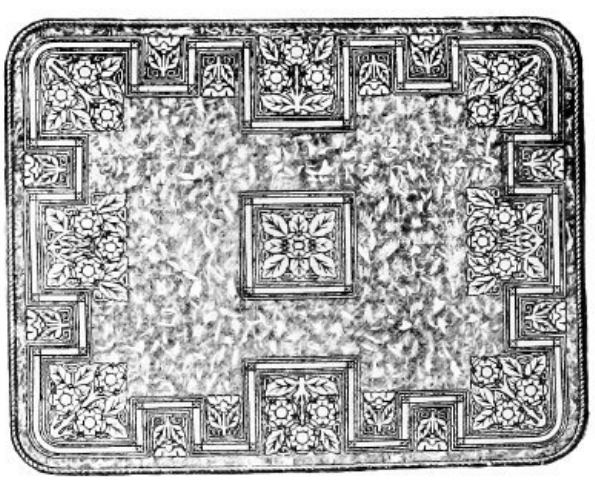
No. 20—Inches	24×36	26×32	28×34	30×38	32×42
W't per doz	138	134	154	182	206 lbs.
Per dozen	$16.80	18.60	21.00	24.00	28.80

ONE DOZEN IN A CASE.



Crystallized.

The crystallized effect is very beautiful and the ornamental border and center increase the effect.



Crystallized.

CRYSTALLIZED.

Square, Wood Lined.

No. 80—Inches	26×26	28×28	30×30	33×33	36×36
W't per doz	112	124	148	172	204 lbs.
Per dozen	$15.00	18.00	19.80	25.80	32.40

HALF DOZEN IN A CASE.

Oblong, Wood Lined.

No. 90—Inches	24×36	26×32	28×34	30×38	32×42
W't per doz	138	134	154	182	206 lbs.
Per dozen	$16.80	18.60	21.00	24.00	28.80

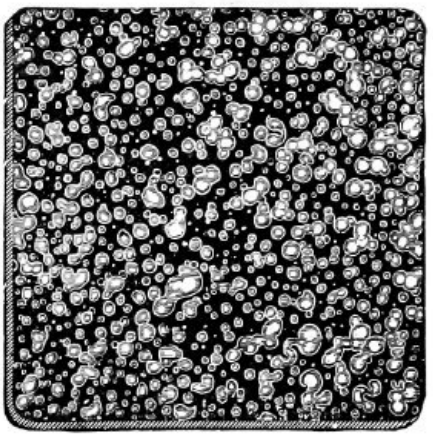
HALF DOZEN IN A CASE.

STOVE BOARDS.

New Perfection.

The New Perfection boards are made of enameled steel and are heavy and strong. They have an especially durable coating and are very pleasing in appearance. The colors used are green, drab, maroon and grey in combination.

The Mosaic boards are made of heavy steel and have a hard black enameled surface which can be scrubbed without destroying the lustre. The irregular mosaic effect is produced with the use of gold and grey.



Mosaic.

NEW PERFECTION.

Square, Paper Lined.

No. 310—Inches	24×24	26×26	28×28	30×30	32×32	35×35
W't per doz	38	45	63	65	70	83 lbs.
Per dozen	$9.00	9.84	10.92	12.96	14.76	20.40

ONE DOZEN IN A CASE.

Square, Wood Lined.

No. 330—Inches	26×26	28×28	30×30	33×33	36×36
W't per doz	55	60	70	80	102 lbs.
Per dozen	$15.00	18.00	19.80	25.80	32.40

HALF DOZEN IN A CASE.

Oblong, Paper Lined.

No. 320—Inches	26×30	28×34	30×36	32×40
W't per doz	63	72	80	88 lbs.
Per dozen	$12.60	14.40	16.80	20.76

ONE DOZEN IN A CASE.

Oblong, Wood Lined.

No. 340—Inches	26×32	28×34	30×38	32×42
W't per doz	63	70	85	100 lbs
Per dozen	$18.60	21.00	24.00	28.80

HALF DOZEN IN A CASE.

MOSAIC.

Square, Paper Lined.

No. 210—Inches	24×24	26×26	28×28	30×30	32×32	35×35
W't per doz	38	45	63	65	70	83 lbs.
Per dozen	$9.00	9.84	10.92	12.96	14.76	20.40

ONE DOZEN IN A CASE.

Square, Wood Lined.

No. 230—Inches	26×26	28×28	30×30	33×33	36×36
W't per doz	55	60	70	80	102 lbs.
Per dozen	$15.00	18.00	19.80	25.80	32.40

HALF DOZEN IN A CASE.

Oblong, Paper Lined.

No. 220—Inches	24×36	26×30	28×34	30×36	32×40
W't per doz	65	63	72	80	88 lbs.
Per dozen	$12.60	12.60	14.40	16.80	20.76

ONE DOZEN IN A CASE.

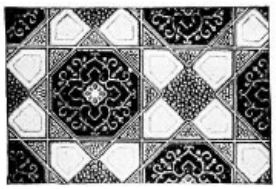
Oblong, Wood Lined.

No. 240—Inches	24×36	26×32	28×34	30×38	32×42
W't per doz	63	63	70	85	100 lbs.
Per dozen	$16.80	18.60	21.00	24.00	28.80

HALF DOZEN IN A CASE.

FLOOR OIL CLOTH AND LINOLEUM.

FLOOR OIL CLOTH.



No. 419C.
Red, orange, green, cream.
4, 6 and 8 qrs.

No. 422C.
Brown, yellow, red, green.
4, 6 and 8 qrs.

No. 423C.
Brown, black, white.
4, 6 and 8 qrs.

No. 431C.
Green, red, yellow.
4, 6 and 8 qrs.

No. 170D.
Brown, red, green.
4, 6 and 8 qrs.

No. 171D.
Blue, white.
4, 6 and 8 qrs.

No. 182D.
Red, green, cream.
4, 6 and 8 qrs.

No. 192D.
Olive green, red, black, brown.
4, 6 and 8 qrs.

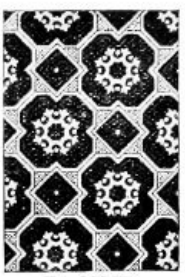
IN ROLLS OF 30 RUNNING YARDS.

FARR AND BAILEY LINOLEUM.

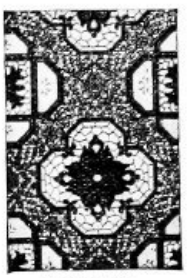
No. 8010D.
Brown, green, white, red, yellow.
8, 10 and 16 qrs.

No. 8090D.
Green, yellow, red, white.
8 and 16 qrs.

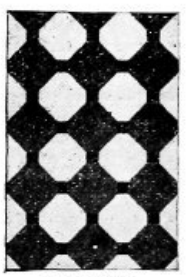
No. 8093D.
Drab, tan, white
8 and 16 qrs.



No. 8094D.
White, brown, green, red.
8, 10 and 16 qrs.

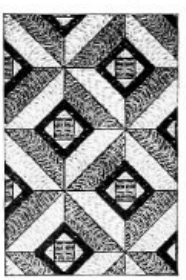


No. 8095D.
Green, white, black, brown.
8, 10 and 16 qrs.



No. 9034E.
Blue, white, black.
8 qrs. only.

No. 9048E.
Red, blue, brown, green, cream.
8 qrs. only.



No. 9060E.
Brown, cream.
8 qrs. only.

No. 9067E.
Olive green, white, brown.
8 and 10 qrs.

IN ROLLS OF 30 RUNNING YARDS.

OIL CLOTH RUGS, TABLE OIL CLOTH AND BINDING.

OIL CLOTH RUGS.

Farr & Bailey's Oil Cloth Rugs are the very highest quality and the patterns the most artistic of any line on the market.

No. 550B.
Drab, old rose, tan and green,
4, 6 and 8 qrs.

No. 590B.
Red, yellow, brown and cream,
4, 6 and 8 qrs.

No. 594B.
Light brown, white and green,
4, 5, 6 and 8 qrs.

No. 552B.
Red, brown, green and white,
4, 5, 6 and 8 qrs.

	4	5	6	8 qrs.
All numbers, first quality "B" grade.....each	$0.75	1.15	1.70	3.00

No. 262D.
Drab, red, tan and blue,
4, 5, 6 and 8 qrs.

No. 252D.
Red, olive green, tan and black,
4, 6 and 8 qrs.

No. 258D.
Red, green, brown and drab,
4, 5, 6 and 8 qrs.

No. 260D.
Blue, red, tan and white,
4, 6 and 8 qrs.

	4	5	6	8 qrs.
All numbers, good quality "D" grade.....each	$0.70	1.10	1.58	2.82

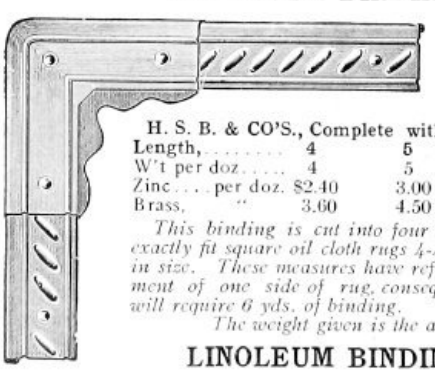
Oil cloth rugs come in rolls of thirty running yards—30 rugs 4 qrs. wide; 24 rugs 5 qrs. wide; 20 rugs 6 qrs. wide; or 15 rugs 8 qrs. wide.

TABLE OIL CLOTH.

"Meritas," highest grade of table oil cloth, made in a variety of latest patterns, small checks and fancies. In ordering state color and pattern preferred.....per roll $3.50
12 YD. PIECES; ¾—1¼ YDS. WIDE.

"Meritas," blue, black and gold vein, and plain white....per roll $3.80
12 YD. PIECES; ¾—1¼ YDS. WIDE.

OIL CLOTH BINDING.

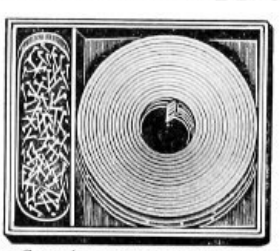


H. S. B. & CO'S., Complete with Corners and Brads.

Length,.....	4	5	6	8 yds.
W't per doz....	4	5	6	7 lbs.
Zinc....per doz.	$2.40	3.00	3.60	4.80
Brass, "	3.60	4.50	5.40	7.20

This binding is cut into four strips of equal length to exactly fit square oil cloth rugs 4-4, 5-4, 6-4 and 8-4 yds. in size. These measures have reference to the measurement of one side of rug, consequently for a 6-4 rug it will require 6 yds. of binding.
The weight given is the average weight.

LINOLEUM BINDING.



For Covering Seams in Linoleum.
¾ in., brass, w't, per box 5 lbs.....per box $4.00
FIFTY YARDS IN A BOX, WITH BRASS NAILS.

STOVE POLISH.

BLACK SILK.

Nos. 71 and 72. Nos. 73, 74 and 70.

No. 71—Liquid, in 6 oz. screw top cans, ready for use, w't per gro. 72 lbs., per gross $18.00
No. 72—Liquid, in 8 oz. screw top cans, ready for use, w't per gro. 92 lbs., per gross 24.00
No. 73—Paste, in 5 oz. friction top cans, w't per gro. 60 lbs..... per gross 18.00
No. 74—Paste, in 8 oz. friction top cans, w't per gro. 76 lbs..... per gross 24.00
No. 70—Paste, in 1 lb. friction top cans, w't per gro. 106 lbs..... per gross 48.00

Produces a silk black gloss of great durability and is waterproof.

ONE-QUARTER GROSS IN A CASE.

No. 75—Paste in 5 lb. pails, w't per doz. 66 lbs..... per pound $0.28

For dealers' use for polishing sample stoves. Produces a black silky gloss, is dustless, etc.

HALF DOZEN IN A CASE.

MARTIN'S E-Z.

No. 51. Nos. 53, 54 and 55.

No. 51—Liquid, in 8 oz. friction cap cans, w't per gro. 92 lbs..... per gross $18.00
No. 53—Paste, in 4 oz. friction top cans, w't per gro. 60 lbs..... per gross 18.00
No. 54—Paste, in 8 oz. friction top cans, w't per gro. 76 lbs..... per gross 24.00
No. 55—Paste, in 5 lb. friction top cans, w't per doz. 75 lbs..... per pound .20

NOS. 51, 53 AND 54, THREE DOZEN; NO. 55, SIX ONLY IN A CASE.

BLACK JACK.

No. 69. Nos. 91 and 95.

No. 69—Liquid, in 10 oz. tin cans, w't per gro. 120 lbs..... per gross $12.00
No. 91—Water paste, in ¾ lb. cans, w't per gro. 100 lbs..... per gross 15.00
No. 95—Water paste, in 5 lb. cans, w't per doz. 68 lbs..... per pound .15

A fire proof polish which can be used on a warm stove.

NOS. 69 AND 91, THREE DOZEN; NO. 95, ONE DOZEN IN A CASE.

BLACK EAGLE.

No. 7. No. 105.

No. 7—Benzine paste, in ½ lb. cans, w't per gross 90 lbs..... per gross $18.00
No. 105—Benzine paste, in 5 lb. cans, w't per case 68 lbs..... per pound .15

NO. 7, THREE DOZEN; NO. 105, ONE DOZEN IN A CASE.

BLACKENE.

No. 10. No. 85.

No. 10—Benzine liquid, in 10 oz. tin cans, w't per gross 140 lbs.. per gross $18.00
No. 85—Benzine paste, in 5 lb. cans, w't per case 70 lbs..... per pound .15

NO. 10, ONE-QUARTER GROSS; NO. 85, ONE DOZEN IN A CASE.

ENAMELINE.

No. 100—Liquid, in 10 oz. tin cans, w't per gro. 140 lbs..... per gross $18.00

ONE-QUARTER GROSS IN A CASE.

No. 4—Water paste, small, w't per gro. 56 lbs..... per gross $6.75
No. 6—Water paste, large, w't per gro. 84 lbs..... per gross 8.50

ONE-QUARTER GROSS IN A CASE.

A-B.

No. 28—Liquid, in 8 oz. glass bottles, w't per gro. 125 lbs., per gross $12.00

ONE-QUARTER GROSS IN A BOX.

RISING SUN.

Rising Sun, 4 in. cakes, w't per gro. 75 lbs., per gross..... $7.00

ONE DOZEN IN A PACKAGE. HALF GROSS IN A CASE.

DIXON'S.

Dixon's, 4 in. cakes, w't per gro. 68 lbs., per gross..... $7.00

ONE DOZEN IN A PACKAGE. HALF GROSS IN A CASE.

MISCELLANEOUS STOVE PREPARATIONS.

PLUMBAGO AND BLACK LEAD.

No. 9—DIXON'S black lead, in 25 lb. boxes.....per pound $0.08
No. 10—DIXON'S plumbago, in 25 lb. boxes.....per pound .11

Used for making stove polish or by mixing with linseed oil for graphite paint.

LUBRICATING GRAPHITE.

Dixon's Flake.

	GRADE 1	GRADE 2
No. 632— 1 lb. cans.....each	$0.40	$0.40
No. 633— 5 lb. cans..... "	1.80	1.80
No. 644—25 lb. boxes, per pound	.30	.30

Flake Graphite forms a coating on the metallic surfaces, which brings about a reduction of the solid friction between those surfaces. The minute flakes fill up all depressions and bring the surfaces of the bearings much nearer a state of perfect smoothness.

Grade 1 is standard flake and is intended for the great majority of uses; grade 2 is fine flake for valves and very delicate parts.

NO. 632, THIRTY-SIX; NO. 633, TEN AND NO. 644, ONE IN A CASE.

Mexican Powder.

No. 1— 1 lb. cans.....each	$0.35
No. 5— 5 lb. cans..... "	1.60
No. 10—10 lb. cans..... "	2.75
No. 25—25 lb. cans.....per pound	.20
Barrels, of about 350 lbs..... "	.18

Air floated graphite powder, impalpably fine and absolutely free from grit. It will remain perfectly suspended in oil for an indefinite period, thus feeding through any lubricator without clogging. Graphite if regularly mixed with lubricants will very much reduce the oil consumption. If mixed with linseed oil, air floated graphite makes a splendid graphite paint for painting boiler fronts, etc.

NO. 1, THIRTY; NO. 5, TWELVE; NO. 10, SIX AND NO. 25, TWO IN A CASE.

STOVE PIPE ENAMEL.

"Our Very Best," Jet Black, Permanent and Elastic.

½ pt. cans, with brush, w't per doz. 7 lbs.....per dozen $1.80

ONE DOZEN IN A HANDSOME BOX, WITH HINGED COVER.

1 pt. cans, with brush, w't per doz. 12 lbs.....per dozen $3.00

ONE DOZEN IN A CASE.

1 qt. cans, w't per gal. 8 lbs., per gallon	$2.00
2 qt. cans, w't per gal. 8 lbs., "	1.90
1 gal. cans, w't 8 lbs..... "	1.80

Dries with a brilliant luster. Prepared especially for gas stoves, boilers, smoke-stacks, registers, furnaces, ventilators, radiators, sewing machines, machinery, and all iron work where a bright gloss black is required. Will not turn dull, crack, scale or rub off, and will resist heat.

IRON ENAMEL.

Bonnell's Nubian, ½ pt. cans, with brush, w't per do.. 7¼ lbs.....per dozen $3.00

ONE AND TWO DOZEN IN A CASE.

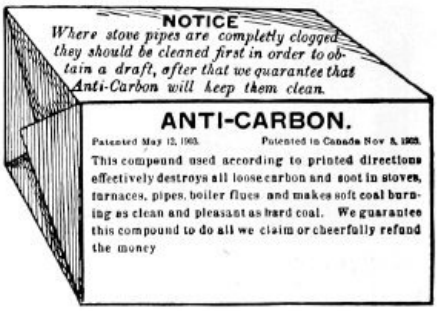
ALUMINUM STOVE ENAMEL.

No. 43—Liquid, in 4 oz. friction top cans, w't per gro. 65 lbs.....per gross $24.00
No. 44—Liquid, in 8 oz. friction top cans, w't per gro. 90 lbs.....per gross 48.00

For stoves, stove pipes, radiators, gas ranges, lawn mowers, plumbing, etc.

ONE-QUARTER GROSS IN A CASE.

SOOT DESTROYER.



No. 3—Anti-Carbon, in 3 lb. packages, 24 packages in a case, w't per case 78 lbs., per case..... $8.00

Anti-Carbon Soot Destroyer is a composition which when sprinkled on the red hot coals, creates and expels hot chemical fumes which destroy all soot in the stove, pipes and chimney.

No. 4—Burn Soot, in circular tin cans 3×5½ in., 24 cans in a case, w't per case 52 lbs.....per case $ 8.00
No. 5—Burn Soot, in circular tin cans 4¼×7½ in., 24 cans in a case, w't per case 90 lbs.....per case 16.00

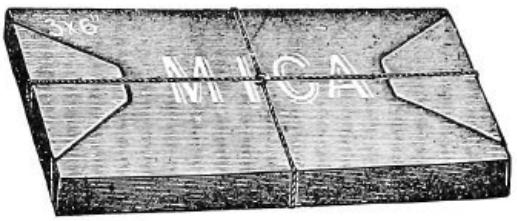
Burn Soot is a chemical preparation, a small amount of which when placed upon burning coals or in a hot fire, liberates certain fumes or gases which consume the soot without injury to stove, flues, pipes or chimney. Can be used with equal effect in cook stoves, ranges, heaters, baseburners, furnaces, chimneys and anywhere and everywhere where soot gathers.

When used twice a week will make it easy to burn soft coal and yet keep the stoves as well as the home free from soot.

Warranted to do all that is claimed for it.

MICA AND STOVE REPAIRS.

MICA.

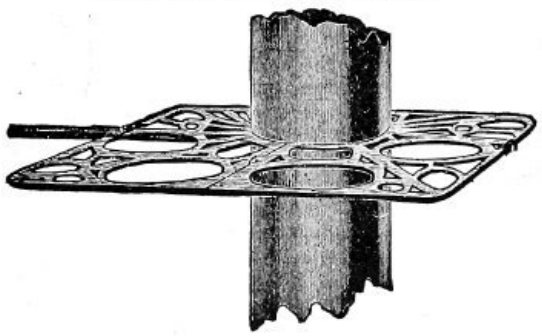


North Carolina.

INCHES	PER POUND.	INCHES.	PER POUND	INCHES.	PER POUND.
2 × 2	$1.75	3½ × 3½	$6.50	5 × 5	$9.00
2 × 2½	1.90	3½ × 4	6.75	5 × 5½	9.50
2 × 3	2.20	3½ × 4½	7.25	5 × 6	10.00
2 × 3½	2.40	3½ × 5	8.00	5 × 6½	★10.25
2 × 4	2.80	3½ × 5½	8.75	5 × 7	10.75
2 × 4½	3.20	3½ × 6	9.25	5 × 8	★11.00
2 × 5	3.40	3½ × 6½	9.50	5 × 9	★11.50
2½ × 2½	2.55	3½ × 7	9.75	5 × 10	★12.50
2½ × 3	2.80	3½ × 8	★10.00	5½ × 5½	★10.00
2½ × 3½	3.75	3½ × 9	★10.25	5½ × 6	★10.50
2½ × 4	4.75	4 × 4	7.50	5½ × 7	★11.00
2½ × 4½	5.00	4 × 4½	7.75	5½ × 8	★12.00
2½ × 5	5.10	4 × 5	8.25	5½ × 9	★12.50
2½ × 5½	★5.40	4 × 5½	9.00	6 × 6	11.00
2½ × 6	5.90	4 × 6	9.50	6 × 6½	★11.50
2½ × 6½	★6.15	4 × 6½	9.75	6 × 7	★12.50
2½ × 7	★7.15	4 × 7	10.00	6 × 8	13.50
2½ × 8	★7.40	4 × 8	10.25	6 × 9	★14.00
3 × 3	5.50	4½ × 4½	8.25	6 × 10	★15.00
3 × 3½	6.25	4½ × 5	8.75	7 × 7	★15.00
3 × 4	6.50	4½ × 5½	9.00	7 × 8	★15.50
3 × 4½	6.75	4½ × 6	9.75	7 × 9	★16.00
3 × 5	7.50	4½ × 6½	10.00	7 × 10	★16.50
3 × 5½	8.00	4½ × 7	10.25	8 × 8	★16.50
3 × 6	8.50	4½ × 8	★10.50	8 × 9	★17.00
3 × 6½	★8.75	4½ × 9	★10.75	8 × 10	★17.50
3 × 7	★9.00				

★ *These sizes are not carried in stock, but can be promptly furnished.*

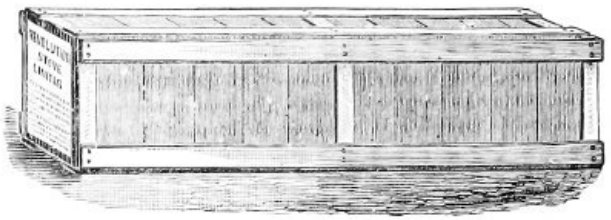
STOVE PIPE SHELVES.



No. 1—Iron, japanned, with towel rod, for 6 in. pipe, size 16 × 20 in., w't per doz. 100 lbs., - - per dozen $13.50

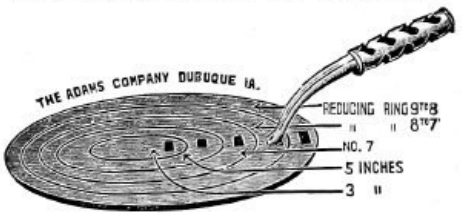
ONE DOZEN IN A CASE.

STOVE LINING.



In Bricks, for use in repairing any stove, w't per crate 30 lbs., per crate - - - - - - - - - $1.00

SECTIONAL STOVE COVERS.

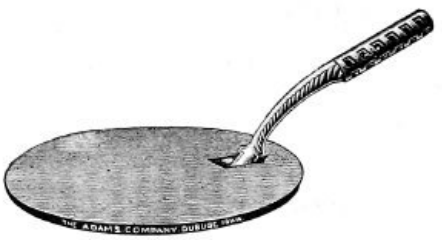


No. 8—W't per doz. 42 lbs., - - - per dozen $5.00
No. 9—W't per doz. 56 lbs., - - - " 6.00

HALF DOZEN IN A PACKAGE.

The packages in which these stove covers are put up, while having but one size of cover, contain six different styles varying as to thickness, etc., according to the different makes, thus enabling the dealer to fit almost any stove on the market. We cannot select covers to fit any particular stove. We do not break these packages. Packed in wooden boxes.

SOLID STOVE COVERS.



No. 8—W't per doz. 40 lbs., - - - per dozen $4.50

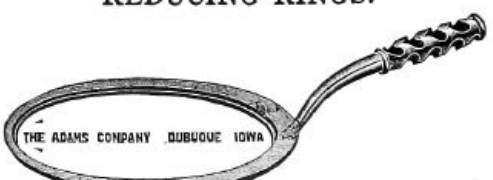
ONE DOZEN IN A PACKAGE.

No. 9—W't per doz. 50 lbs., - - - " 6.00

ONE DOZEN IN A PACKAGE.

These covers are carried in packages of one dozen assorted styles, to fit nearly every stove on the market. We do not break packages and cannot agree to fit any particular stove. Packed in wooden boxes.

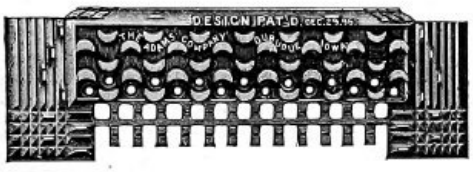
REDUCING RINGS.



No. 935—Reduces 9 in. hole to 8 in., w't per doz. 15 lbs., per dozen, - - - - - - - - $2.00

ADJUSTABLE STOVE REPAIRS.

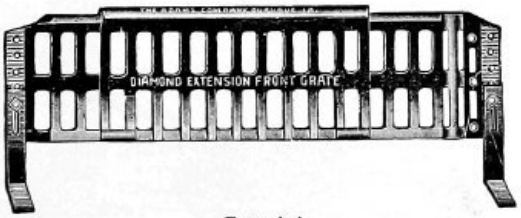
CRESCENT FRONT GRATES.



No. 8—4×18 in., w't per doz. 55 lbs., - - per dozen $6.60
No. 9—5×18 in., w't per doz. 60 lbs., - - " 7.25

DIAMOND FRONT GRATES.

Closed.



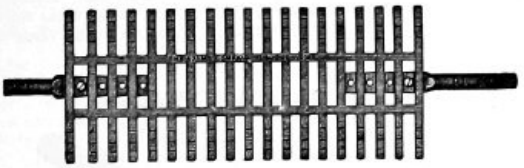
Extended.

Extension.

No. 160—Adjustable from 4×11 in. to 6×21 in., w't per doz. 60 lbs., - - - - - per dozen $10.00

Similar in action to diamond fire back.

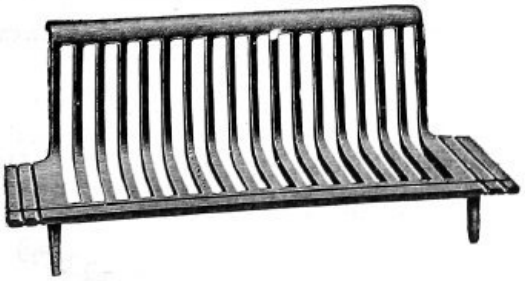
BOTTOM GRATES.



Wichita Bolted Shank, Adjustable.

No. 2—6×14 in., reduces to 4×9 in., w't per doz. 66 lbs., per dozen, - - - - - - - - - $8.00
No. 3—6½×16 in., reduces to 4×9 in., w't per doz. 78 lbs., per dozen, - - - - - - - - 9.35

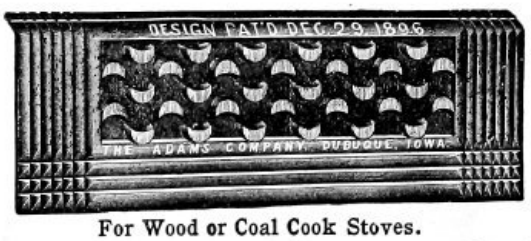
BASKET GRATES.



Hird's, Used to Burn Coal in a Wood Stove.

Nos. - -	7	8	9
Full size, - -	7×16½	7½×18	8½×20 in.
Reduces to -	5½×13½	6×15	7×17 in.
W't per doz. -	120	144	180 lbs.,
Per dozen, -	$14.40	17.25	21.60

CRESCENT FIRE BACKS.



For Wood or Coal Cook Stoves.

No. 8—6×16 in., w't per doz. 72 lbs., - per dozen $ 8.65
No. 9—6×20 in., w't per doz. 96 lbs., - " 11.50
No. 10—7×20 in., w't per doz. 126 lbs., - " 15.15

These backs are fitted by breaking off the edges, reducing 2 in. on each end and 1½ in. on the bottom.

DIAMOND FIRE BACKS.

CLOSED

EXTENDED.

No. 6—Adjustable, from 4½×15 in., to 7×20 in., w't per doz. 102 lbs., - - - - - per dozen $15.00

All the extending parts are held in a secure position without the use of bolts, wedges or keys.

HALF DOZEN IN A CRATE.

DIAMOND COOK STOVE DAMPERS.

No. 173—Adjustable blade 9×13½ in., reduces to 5½×2 in., w't per doz. 22 lbs., - - - - per dozen $4.00

This damper will fit all stoves having a turnover damper. It can be put in without taking stove apart and by any one easily. The handle can be put in from either end, thus adapting it to any damper that may turn forward or backward. Damper can be set at any point on handle. One damper fits all lengths and sizes.

ADJUSTABLE STOVE POSTS.

No. 1.

No. 2.

No. 3.

For Supporting Long Centers.

No. 1—W't per doz. 6 lbs., - - - per dozen $0.75
No. 2—W't per doz. 6 lbs., - - - - " .75
No. 3—Brick holding post, w't per doz. 12 lbs., " 1.50

These center posts are used in bracing up long centers that are warped or sunken down. To mend an old center, break it in two in the middle, drill holes to match the post and bolt on the under side, letting the foot rest on the oven plate.

MICA.

North Carolina.

INCHES.	PER POUND.	INCHES.	PER POUND.	INCHES.	PER POUND.
2 ×3	$1.40	3 ×7	$8.50	4½×6	$ 9.25
2 ×3½	1.55	3 ×8	8.75	4½×6½	9.50
2 ×4	1.95	3 ×9	9.00	4½×7	9.75
2 ×4½	2.20	3½×3½	4.50	4½×8	10.00
2 ×5	2.50	3½×4	6.00	4½×9	10.25
2½×2½	1.75	3½×4½	6.50	5 ×5	8.50
2½×3	2.00	3½×5	7.50	5 ×5½	9.00
2½×3½	2.40	3½×5½	8.25	5 ×6	9.50
2½×4	2.80	3½×6	8.75	5 ×6½	9.75
2½×4½	3.60	3½×6½	8.75	5 ×7	10.00
2½×5	4.25	3½×7	9.00	5 ×8	10.25
2½×5½	4.50	3½×8	9.25	5 ×9	10.50
2½×6	5.50	3½×9	9.50	5 ×10	11.00
2½×6½	5.75	4 ×4	7.00	5½×5½	9.25
2½×7	6.50	4 ×4½	7.25	5½×6	9.75
2½×8	7.00	4 ×5	7.75	5½×7	10.25
3 ×3	3.60	4 ×5½	8.50	5½×8	10.50
3 ×3½	4.35	4 ×6	9.00	5½×9	10.75
3 ×4	5.25	4 ×6½	9.25	6 ×6	10.00
3 ×4½	6.00	4 ×7	9.50	6 ×6½	10.25
3 ×5	7.00	4 ×8	9.75	6 ×7	10.50
3 ×5½	7.50	4½×4½	7.50	6 ×8	10.75
3 ×6	8.00	4½×5	8.25	6 ×9	11.00
3 ×6½	8.25	4½×5½	8.75	6 ×10	11.50

FIRE BACKS.

CLOSED

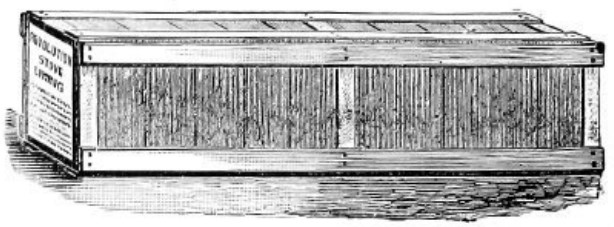
EXTENDED.

No. 6—DIAMOND, adjustable, from 4½×15 in. to 7×20 in., w't per doz. 8½ lbs., - - - - per dozen $15.00

All the extending parts are held in a secure position without the use of bolts, wedges or keys.

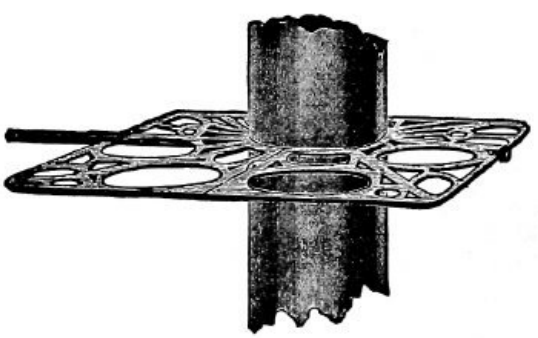
HALF DOZEN IN A CRATE.

STOVE LINING.



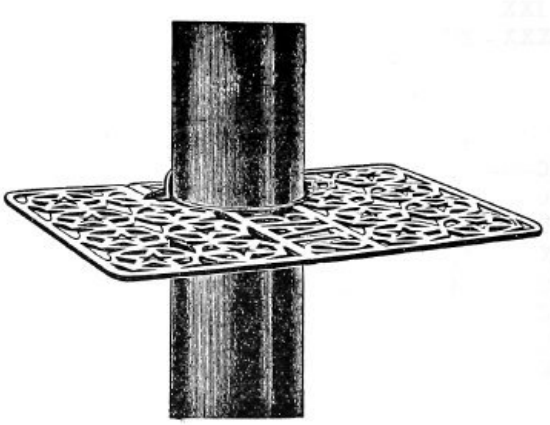
In Bricks, for use in repairing any stove, w't per crate 30 lbs., per crate, - - - - - - - - $1.00

STOVE PIPE SHELVES.



No. 1—Iron, japanned, for 6 in. pipe, size 18×18 in., w't per doz. 100 lbs., - - - - - per dozen $11.00

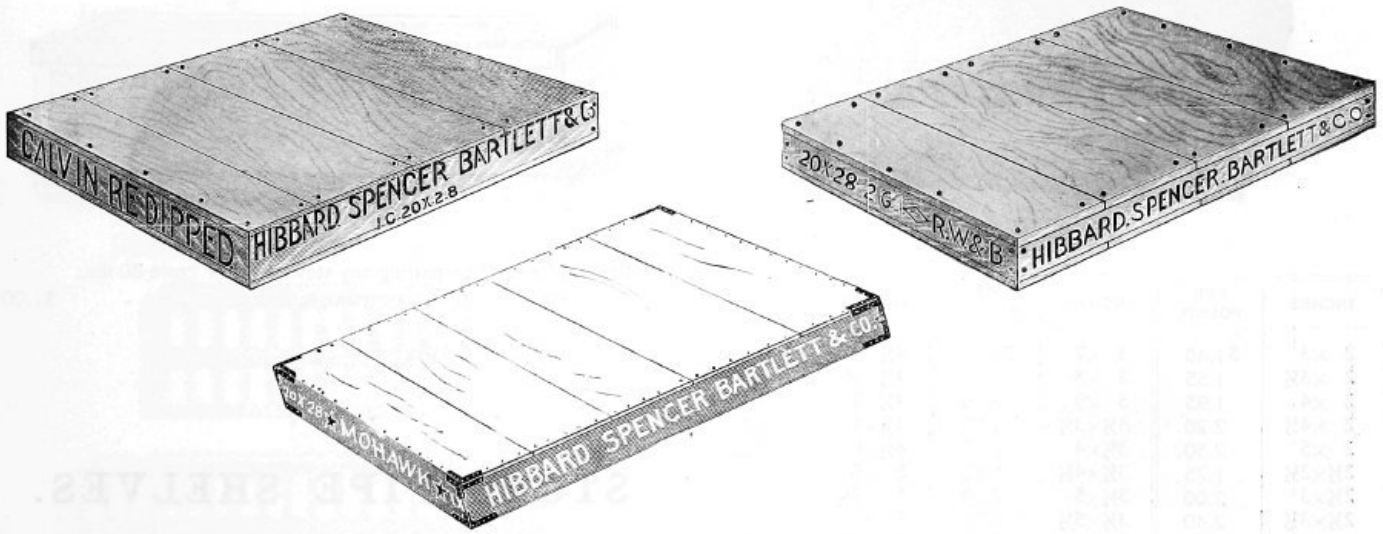
ONE DOZEN IN A CASE.



No. 2—Iron, japanned, for 6 in. pipe, size 15½×19½ in., w't per doz. 59 lbs., - - - - per dozen $13.50

HALF DOZEN IN A CASE.

BRIGHT TIN PLATES.



CALVIN BRAND, CHARCOAL, TISSUE PAPER PACKED.

IC—14×20 in., 112 sheets, weight without box 108 lbs., 29 gauge, - - - - - - - - - per box $
IX—14×20 in., 112 sheets, weight without box 136 lbs., 27 gauge, - - - - - - - - - "
IXX—14×20 in., 112 sheets, weight without box 157 lbs., 26 gauge, - - - - - - - - - "
IXXX—14×20 in., 112 sheets, weight without box 178 lbs., 25 gauge, - - - - - - - - - "
IXXXX—14×20 in., 112 sheets, weight without box 199 lbs., 24½ gauge, - - - - - - - - - "
IC—20×28 in., 112 sheets, weight without box 216 lbs., 29 gauge, - - - - - - - - - "
IX—20×28 in., 56 or 112 sheets, weight without box 136 or 272 lbs., 27 gauge, - - - - - - - - "
IXX—20×28 in., 56 or 112 sheets, weight without box 157 or 314 lbs., 26 gauge, - - - - - - - - "
IXXX—20×28 in., 56 or 112 sheets, weight without box 178 or 356 lbs., 25 gauge, - - - - - - - - "
IXXXX—20×28 in., 56 or 112 sheets, weight without box 199 or 398 lbs., 24½ gauge, - - - - - - - - "

MOHAWK, CHARCOAL.

IC—14×20 in., 112 sheets, weight without box 108 lbs., 29 gauge, - - - - - - - - - per box $
IX—14×20 in., 112 sheets, weight without box 136 lbs., 27 gauge, - - - - - - - - - "
IXX—14×20 in., 112 sheets, weight without box 157 lbs., 26 gauge, - - - - - - - - - "
IC—20×28 in., 112 sheets, weight without box 216 lbs., 29 gauge, - - - - - - - - - "
IX—20×28 in., 112 sheets, weight without box 272 lbs., 27 gauge, - - - - - - - - - "
IXX—20×28 in., 56 or 112 sheets, weight without box 157 or 314 lbs., 26 gauge, - - - - - - - - "
IXXX—20×28 in., 56 or 112 sheets, weight without box 178 or 356 lbs., 25 gauge, - - - - - - - - "

CACTUS, OLD HUNDRED AND R. W. & B., COKE.

IC—14×20 in., 112 sheets, weight without box 90 lbs., 32 gauge, - - - - - - - - - per box $
IC—14×20 in., 112 sheets, weight without box 100 lbs., 30½ gauge, - - - - - - - - - "
IC—14×20 in., 112 sheets, weight without box 108 lbs., 29 gauge, - - - - - - - - - "
IX—14×20 in., 112 sheets, weight without box 136 lbs., 27 gauge, - - - - - - - - - "
IC—20×28 in., 112 sheets, weight without box 180 lbs., 32 gauge, - - - - - - - - - "
IC—20×28 in., 112 sheets, weight without box 200 lbs., 30½ gauge, - - - - - - - - - "
IC—20×28 in., 112 sheets, weight without box 216 lbs., 29 gauge, - - - - - - - - - "
IX—20×28 in., 112 sheets, weight without box 272 lbs., 27 gauge, - - - - - - - - - "

FURNACE, COKE.

IC—20×32½ in., 112 sheets, weight without box 250 lbs., for 10 in. pipe, - - - - - - - - per box $
IX—20×32½ in., 112 sheets, weight without box 325 lbs., for 10 in. pipe, - - - - - - - - "

TIN PLATE AND ROOFING TIN.

BRIGHT TIN PLATES.

CALVIN, Charcoal, Tissue Paper Packed.

IC—14×20 in., 112 sheets, w't 107 lbs., 30 gauge.....per box $

IX—14×20 in., 112 sheets, w't 135 lbs., 28 gauge.....per box

IXX—14×20 in., 112 sheets, w't 155 lbs., 27 gauge.....per box

IC—20×28 in., 112 sheets, w't 214 lbs., 30 gauge.....per box

IX—20×28 in., 112 sheets, w't 270 lbs., 28 gauge.....per box

IXX—20×28 in., 56 or 112 sheets, w't 155 or 310 lbs., 27 gauge.....per box

IXXX—20×28 in., 56 or 112 sheets, w't 175 or 350 lbs., 26 gauge.....per box

IXXXX—20×28 in., 56 or 112 sheets, w't 195 or 390 lbs., 25 gauge.....per box

MOHAWK, Charcoal.

IC—14×20 in., 112 sheets, w't 107 lbs., 30 gauge.....per box $

IX—14×20 in., 112 sheets, w't 135 lbs., 28 gauge.....per box

IXX—14×20 in., 112 sheets, w't 155 lbs., 27 gauge.....per box

IC—20×28 in., 112 sheets, w't 214 lbs., 30 gauge.....per box

IX—20×28 in., 112 sheets, w't 270 lbs., 28 gauge.....per box

IXX—20×28 in., 56 or 112 sheets, w't 155 or 310 lbs., 27 gauge.....per box

IXXX—20×28 in., 56 or 112 sheets, w't 175 or 350 lbs., 26 gauge.....per box

Coke.

IC —14×20 in., 112 sheets, w't 90 lbs., 31 gauge.....per box $

IC —14×20 in., 112 sheets, w't 100 lbs., 30½ gauge.....per box

IC —14×20 in., 112 sheets, w't 107 lbs., 30 gauge.....per box

IX —14×20 in., 112 sheets, w't 135 lbs., 28 gauge.....per box

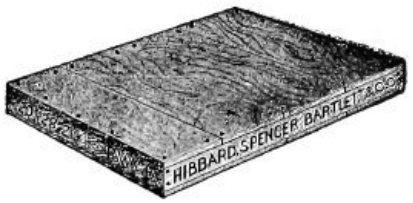
IC —20×28 in., 112 sheets, w't 180 lbs., 31 gauge.....per box

IC —20×28 in., 112 sheets, w't 200 lbs., 30½ gauge.....per box

IC —20×28 in., 112 sheets, w't 214 lbs., 30 gauge.....per box

IX —20×28 in., 112 sheets, w't 270 lbs., 28 gauge.....per box

BRIGHT TIN PLATES.



Boiler Tin, Tissue Paper Packed.

IX—14×28 in., 100 sheets per case, w't per 100 sheets 173 lbs.....per box $

IXX—14×28 in., 100 sheets per case, w't per 100 sheets 196 lbs.....per box

IXX—14×60 in., 100 sheets per case, w't per 100 sheets 436 lbs.....per box

Milk Can and Cheese Vat, Tissue Paper Packed.

IXXXXXX—40×96 in., 25 sheets per case, w't per 100 sheets 3200 lbs., per pound.....$

IXXXXXX—40×87 in., 25 sheets per case, w't per 100 sheets 2900 lbs., per pound.....

IXXXXXX—40×58 in., 25 sheets per case, w't per 100 sheets 2060 lbs., per pound.....

IXXXX—36×84 in., 25 sheets per case, w't per 100 sheets 2060 lbs., per pound.....

IXXXX—30×72 in., 25 sheets per case, w't per 100 sheets 1327 lbs., per pound.....

IXXXX—28×59 in., 50 sheets per case, w't per 100 sheets 1110 lbs., 50 gal. cans.....per pound

IXXXX—28×49 in., 50 sheets per case, w't per 100 sheets 910 lbs., 30 gal. cans.....per pound

IXXXX—20×60 in., 50 sheets per case, w't per 100 sheets 754 lbs., 20 gal. cans.....per pound

IXXXX—20×44 in., 50 sheets per case, w't per 100 sheets 568 lbs., per pound.....

DXXX—15×21 in., 100 sheets per case, w't per 100 sheets 249 lbs., per pound.....

Furnace Coke.

IC —20×26 in., 112 sheets, w't 167 lbs., for 8 in. pipe, 31 gauge .....per box $

IC —20×29½ in., 112 sheets, w't 189 lbs., for 9 in. pipe, 31 gauge. .....per box

IC —20×32½ in., 112 sheets, w't 209 lbs., for 10 in. pipe, 31 gauge.....per box

IX —20×32½ in., 112 sheets, w't 297 lbs., for 10 in. pipe, 28 gauge.....per box

Waster sheets of furnace coke can be furnished at a slight reduction in price.

The weights given are net without boxes.

ROOFING TIN.

"OUR VERY BEST."

40 Pound Coating.

IC —20×28 in., 112 sheets, w't without box 240 lbs., 30 gauge, per box..... $

IX —20×28 in, 112 sheets, w't without box 300 lbs., 28 gauge..per box

Made from black sheets of genuine charcoal iron, free from impurities. Each sheet is thoroughly cleaned and all traces of acid removed and then perfectly coated by the palm oil process.

SPENCER OLD PROCESS, Highest Possible Grade, Resquared and Branded, 40 pound coating.

IC Tin, 20×28 in., 112 sheets, w't without box 240 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 300 lbs., 28 gauge.....per box

These plates are allowed to absorb all the metal they possibly can, and are not passed either through the grease pot or patent rolls to reduce the coating. Ordinary brands of roofing plates have from 8 to 10 lbs. of coating on a box of 20x28, while our Old Process has 40 lbs.

LYFORD'S NEW METHOD, Resquared and Branded, 20 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 225 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 285 lbs., 28 gauge.....per box

"A" OLD STYLE, Resquared and Branded, 20 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 224 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 280 lbs., 28 gauge.....per box

PONDULAIS, Resquared and Branded, 12 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 216 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 272 lbs., 28 gauge.....per box

DAFENS, Resquared and Branded, 8 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 216 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 272 lbs., 28 gauge.....per box

NIAGARA, 8 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 216 lbs., 30 gauge.....per box $

IX Tin, 20×28 in., 112 sheets, w't without box 272 lbs., 28 gauge.....per box

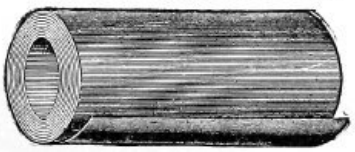
IROQUOIS, 8 lb. Coating.

IC Tin, 20×28 in., 112 sheets, w't without box 200 lbs., 30 gauge.....per box $

14x20 in. sheets can be furnished if desired. For shipping weight, add 12 lbs. for box 20x28 in.

ROOFING TIN, SHEET STEEL, IRON AND ROOFING.

TANDEM ROOFING TIN.



DOVER.

	PER SQUARE
10 in., plain, 53 lbs. per square	$
10 in., painted one side, 53 lbs. per square	
14 in., plain 53 lbs. per square	
14 in., painted one side, 53 lbs. per square	
14 in., painted both sides, 53 lbs. per square	
20 in., plain, 53 lbs. per square	
20 in., painted one side, 53 lbs. per square	
20 in., painted both sides, 53 lbs. per square	

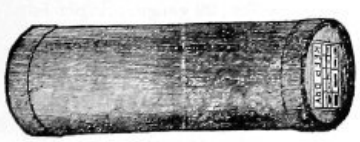
10, 14 AND 20 INCH, 100 SQUARE FEET IN A CRATE.

DIAMOND <A>

10 in., plain, 53 lbs. per square	$
10 in., painted one side, 53 lbs. per square,	
14 in., plain, 53 lbs. per square	
14 in., painted one side, 53 lbs. per square.	
14 in., painted both sides, 53 lbs. per square	
20 in., plain, 53 lbs. per square	
20 in., painted one side, 53 lbs. per square.	
20 in., painted both sides, 53 lbs. per square	

10, 14 AND 20 INCH, 100 SQUARE FEET IN A CRATE.

SHEET ZINC.



Nos	9	9	9	9	
Size	24×84	26×84	28×84	30×84	in.
W't per cask	600	600	600	600	lbs.
Per pound	$				

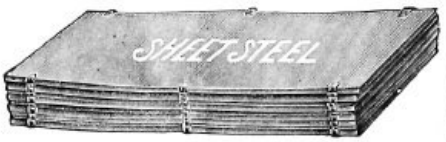
Nos	9	9	9	9	
Size	32×84	34×84	36×84	36×84	in.
W't per cask	600	600	600	300	lbs.
Per pound	$				

Nos	9	9	12	
Size	36×84	36×84	36×84	in.
W't per cask	200	100	600	lbs.
Per pound	$			

Additional charge is made for casks containing less than 600 lbs., and for sheets.

For table of weights and gauges of sheet zinc, see page 970.

SHEET STEEL.



Common, One Pass Cold Rolled.

No. 16—24, 28 and 30×96 in.	per pound $
No. 18—24, 28 and 30×96 in.	"
No. 20—24, 28 and 30×96 in.	"
No. 22—24, 28 and 30×96 in.	"
No. 24—24×101 and 30×96 in	"
No. 25—24×101 in.	"
No. 26—24×101 in.	"
No. 27—24×101 in.	"
No. 28—24×101 in.	"
No. 29—24×101 in.	"

"OUR VERY BEST" Three Pass Cold Rolled

No. 26 OVB—24×101 in.	per pound $
No. 27 OVB—24×101 in.	"
No. 28 OVB—24×101 in.	"

WELLSVILLE Polished.

No. 24—28×101 in.	per pound $
No. 26—28×101 in.	"
No. 27—28×101 in.	"
No. 28—28×101 in.	"
No. 28—24×101 in.	"

JUNIATA, Galvanized.

No. 16—24, 28 and 30×96 in.	per pound $
No. 18—24, 28 and 30×96 in.	"
No. 20—24, 28, 30 and 36×96 in.	"
No. 22—24, 28, 30 and 36×96 in.	"
No. 24—24, 28, 30 and 36×96 in.	"
No. 26—24, 26, 28, 30 and 36×96 in.	"
No. 27—24, 26, 28, 30 and 36×96 in.	"
No. 28—24, 28, 30 and 36×96 in.	"
No. 30—28 and 30×96 in.	"

For U. S. Standard gauges of sheet steel, see table page 970.

APPROXIMATE WEIGHT PER BUNDLE, 160 LBS.

SHEET IRON.

WOODS' Refined, Both Sides Smooth.

No. 20—24, 28 and 30×96 in.	per pound $
No. 22—24, 28 and 30×96 in.	"
No. 24—24×101, and 24, 28 and 30×96 in.	per pound
No. 25—24×101 in.	"
No. 26—24×101, and 24, 28 and 30×96 in.	per pound
No. 27—24×101, and 24, 28 and 30×96 in.	per pound
No. 28—24×101 and 28×96 in.	"

Charcoal Smooth.

No. 20—24, 28 and 30×96 in.	per pound $
No. 22—24, 28 and 30×96 in.	"
No. 24—24, 28 and 30×96 in.	"
No. 25—24, 28 and 30×96 in.	"
No. 27—24, 28 and 30×96 in.	"

For U. S. Standard gauge of sheet iron, see page 970.

PLANISHED IRON.

WOODS'.

Gauge	28	27	26	
W't per sheet	9	9½	10	lbs.
A grade, per pound	$			
B grade, "				

Gauge	25	24	
W't per sheet	10½	10¾	lbs.
A grade, per pound	$		
B grade, "			

"A" grade is 28x60 in., all sheets full size. "B" grade is 28 in. wide but varies in length below 60 in.

PACKED IN SHEET IRON CASES OF ABOUT 240 POUNDS EACH.

23 Gauge—Planished iron jacket for locomotives, 28×56, 60, 72 and 84 in., for mill shipment. ★ per pound $

★*For mill shipment only.*

For U. S. Standard gauge of sheet iron, see table page 970.

SHEET STEEL ROOFING.

Roll and Cap.

Painted—28 gauge, approximate w't per roll 77 lbs. per roll $

Galvanized—28 gauge, approximate w't per roll 93 lbs. per roll

Heavier gauges furnished if desired.

The distinctive feature of this roofing is the locking of the cleats into the cap, which holds it firmly to the standing seam. The construction is simple, and is easily and rapidly laid. The metal caps are made in 2 to 6 ft. lengths, which we furnish with each square, cleats included. Each roll is 50 ft. long; the covering width is 24 in., and will lay 100 sq. ft. on building.

Caps and cleats shipped unless otherwise instructed.

Tools necessary to lay are: 1 edging tong, 1 cap seamer, 1 pair snips. These are charged for when sent and if returned in good order, free of expense to us, we will refund the full amount.

ROOFING, SIDING, CAPPING AND SHINGLES.

CORRUGATED STEEL ROOFING AND SIDING.★

2½ Inch Corrugations, 26 Inches Wide, 6, 7, 8, 9 and 10 Feet Long.

Gauge	28	27	26	24	
Painted, approx. w't per sq	68	76	83	110	lbs.
Galv., approx. w't per sq	85	91	98	124	lbs.
Painted...per square	$				
Galvanized "					

Gauge	22	20	18	16	
Painted, approx. w't per sq	136	163	217	271	lbs.
Galv., approx. w't per sq	151	178	232	286	lbs.
Painted...per square	$				
Galvanized "					

1¼ Inch Corrugations, 26 Inches Wide, 6, 7, 8, 9 and 10 Feet Long.

Gauge	28	27	26	
Painted, approx. w't per sq	72	79	86	lbs.
Galv., approx. w't per sq	87	94	101	lbs.
Painted.....per square	$			
Galvanized... "				

Gauge	24	22	20	
Painted, approx., w't per sq	114	142	170	lbs.
Galv. approx. w't per sq	129	157	185	lbs.
Painted.....per square	$			
Galvanized... "				

FLAT STEEL ROOFING.★

Pressed Standing Seam, 24 Inches Wide, 5, 6, 7, 8, 9 and 10 Feet Long.

Gauge	28	27	26	
Painted, approx. w't per sq	73	79	86	lbs.
Galvanized, approx. w't per sq	87	94	101	lbs.
Painted.....per sq.	$			
Galvanized .... "				

Tools necessary are: Squeezers, shears, hammer and end lock turner.

Galvanized cleats furnished if desired.

Two V Crimped, 24 Inches Wide, 6, 7, 8, 9 and 10 Feet Long.

Gauge	28	27	26	
Painted, approx. w't per sq	70	76	83	lbs.
Galvanized, approx. w't per sq	85	91	98	lbs.
Painted.....per sq.	$			
Galvanized .... "				

Wooden Strips—For applying the above.
per square..... $

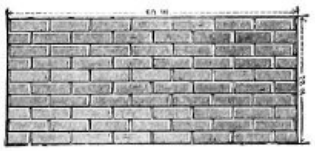
Three V Crimped, 24 Inches Wide, 6, 7, 8, 9 and 10 Feet Long.

Gauge	28	27	26	
Painted, approx. w't per sq	72	79	86	lbs.
Galvanized, approx. w't per sq	88	95	102	lbs.
Painted.....per sq.	$			
Galvanized .... "				

Wooden Strips—For applying the above.
per square..... $

The wooden strips listed above are packed in bundles, sufficient for laying one square of roofing. They serve as a support for the V shaped crimp and also provide a base for nailing the metal to he roof.

PRESSED STEEL BRICK AND STONE SIDING.★



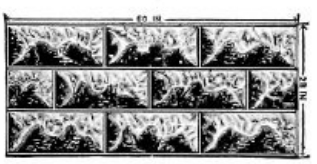
Sheets 28×60 Inches.
Plain Brick, Size 2 4-5×8¼ Inches.

Gauge	28	27	26	
Painted, approx. w't per sq	64	71	77	lbs.
Galvanized, approx. w't per sq	78	85	91	lbs.
Painted.....per sq.	$			
Galvanized .... "				

Sheets 28×60 Inches.
Rock-Face Brick, Size 2 4-5×8¼ Inches.

Gauge	28	27	26	
Painted, approx. w't per sq	64	71	77	lbs.
Galvanized, approx. w't per sq	78	85	91	lbs.
Painted.....per sq.	$			
Galvanized .... "				

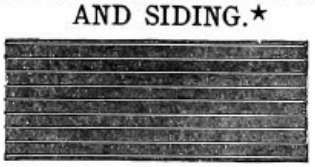
In ordering plain or rock face brick siding, allow 4 to 6 sq. ft. to the 100 for laps.



Sheets 28×60 Inches.
Rock-Face Stone, Size 7×12 Inches.

Gauge	28	27	26	
Painted, approx. w't per sq	64	71	77	lbs.
Galvanized, approx. w't per sq	78	85	91	lbs.
Painted.....per sq.	$			
Galvanized .... "				

PRESS STEEL BEADED CEILING AND SIDING.★



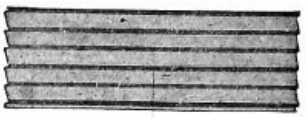
9 Beads and 8 Spaces in a Sheet, in 5, 6, 7, 8, 9 and 10 Foot Sheets.

Gauge	28	27	26	
Painted, approx. w't per sq	70	76	83	lbs.
Galvanized, approx. w't per sq	85	91	98	lbs.
Painted.....per sq.	$			
Galvanized .... "				

Can be applied perpendicularly or horizontally to boards, or crossed lath set the proper distance apart, or over plastered ceilings. Eight foot sheets are shipped unless otherwise specified.

★*FOR FACTORY SHIPMENT ONLY.*

PRESSED STEEL WEATHER-BOARD SIDING.★



6 Beads and 5 Spaces in a Sheet, in 5, 6, 7, 8 9 and 10 Foot Sheets.

Gauge	28	27	26	
Painted, approx. w't per sq	75	82	89	lbs.
Galvanized, approx. w't per sq	91	98	106	lbs.
Painted.....per sq.	$			
Galvanized .... "				

Used extensively as siding on frame buildings. Cheap, durable and fireproof, and a desirable substitute for wooden weather boarding.

CORRUGATED STEEL ROOF CAPPING★

Steel.

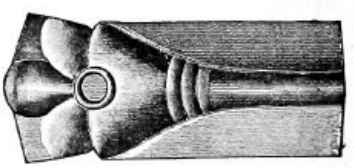
	PAINTED.	GALV.
28 Gauge—V shaped, per lineal foot	$	$

Steel.

	PAINTED.	GALV.
28 Gauge—Ridge roll, per lineal foot	$	$

Specify corrugation desired.

STEEL SHINGLES.



Star Hip, Painted.

4x7 in., w't per 100, 13½ lbs...per 100 $

4x9 in., w't per 100, 16½ lbs...per 100

250 IN A CRATE.

Star Hip, Galvanized.

4x7 in., w't per 100, 17½ lbs...per 100 $

4x9 in., w't per 100, 22½ lbs...per 100

250 IN A CRATE.

Flat Tin, Plain, Painted.

5x7 in., w't per 100, 11¼ lbs...per 100 $

5x9 in., w't per 100, 15½ lbs...per 100

250 IN A CRATE.

TABLES.

TABLE SHOWING COST OF TIN ROOFING.

¾ INCH STANDING SEAM.				1 INCH STANDING SEAM.				FLAT SEAM.		FLAT SEAM.	
Size 14×20.		Size 20×28.		Size 14×20.		Size 20×28.		Size 14×20.		Size 20×28.	
Price of Tin. Per Box.	Cost Per Square.	Price of Tin. Per Box.	Cost Per Square.	Price of Tin. Per Box.	Cost Per Square.	Price of Tin. Per Box.	Cost Per Square.	Price of Tin. Per Box.	Cost Per Square.	Price of Tin. Per Box.	Cost Per Square.
$4.25	$2.36	$ 8.00	$2.10	$4.25	$2.43	$ 8.00	$2.15	$4.25	$2.21	$ 8.00	$2.01
4.50	2.50	8.50	2.23	4.50	2.58	8.50	2.28	4.50	2.34	8.50	2.13
4.75	2.64	9.00	2.37	4.75	2.73	9.00	2.41	4.75	2.47	9.00	2.26
5.00	2.78	9.50	2.50	5.00	2.87	9.50	2.55	5.00	2.60	9.50	2.38
5.25	2.92	10.00	2.63	5.25	3.00	10.00	2.68	5.25	2.73	10.00	2.51
5.50	3.06	10.50	2.76	5.50	3.15	10.50	2.81	5.50	2.86	10.50	2.63
5.75	3.20	11.00	2.89	5.75	3.30	11.00	2.95	5.75	3.00	11.00	2.76
6.00	3.34	11.50	3.02	6.00	3.44	11.50	3.08	6.00	3.12	11.50	2.88
6.25	3.48	12.00	3.15	6.25	3.58	12.00	3.21	6.25	3.25	12.00	3.02
6.50	3.62	12.50	3.29	6.50	3.73	12.50	3.35	6.50	3.38	12.50	3.13
6.75	3.76	13.00	3.42	6.75	3.87	13.00	3.48	6.75	3.52	13.00	3.26
7.00	3.90	13.50	3.55	7.00	4.01	13.50	3.62	7.00	3.64	13.50	3.38
7.25	4.03	14.00	3.68	7.25	4.16	14.00	3.75	7.25	3.77	14.00	3.51
7.50	4.17	14.50	3.81	7.50	4.30	14.50	3.89	7.50	3.90	14.50	3.64
7.75	4.31	15.00	3.94	7.75	4.44	15.00	4.02	7.75	4.03	15.00	3.76
8.00	4.45	15.50	4.07	8.00	4.59	15.50	4.15	8.00	4.17	15.50	3.89
8.25	4.59	16.00	4.20	8.25	4.73	16.00	4.29	8.25	4.30	16.00	4.01
8.50	4.73	16.50	4.33	8.50	4.87	16.50	4.42	8.50	4.43	16.50	4.14
8.75	4.87	17.00	4.47	8.75	5.02	17.00	4.55	8.75	4.56	17.00	4.26
9.00	5.01	17.50	4.60	9.00	5.16	17.50	4.69	9.00	4.69	17.50	4.39
9.25	5.15	18.00	4.73	9.25	5.30	18.00	4.82	9.25	4.82	18.00	4.52
9.50	5.29	18.50	4.86	9.50	5.45	18.50	4.96	9.50	4.94	18.50	4.64

The above table shows the cost of the tin required in laying one square (100 square feet) of roofing with either 14x20 or 20x28 tin. The figures do not include the cost of solder and labor.

TABLE SHOWING GAUGE AND WEIGHT OF SHEET ZINC.

NOS.	GAUGE.	W'T PER SQ. FOOT. LBS.	W'T PER SHEET. (36×84) LBS.
8	28	.60	12.60
9	27	.67	14.07
10	26	.75	15.75
11	25	.90	18.90
12	24	1.05	22.05
13	23	1.20	25.20
14	22	1.35	28.35
15	21	1.50	31.50
16	20	1.68	35.28
17	19	1.87	38.17
18	18	2.06	43.26
19	17	2.25	47.25

U. S. STANDARD GAUGE FOR SHEET AND PLATE IRON AND STEEL.

WIRE GAUGE.	THICKNESS IN FRACTIONS OF AN INCH.	THICKNESS IN DECIMAL PARTS OF AN INCH.	WEIGHT PER SQUARE FOOT IN OUNCES.	WEIGHT PER SQUARE FOOT IN POUNDS.
12	7-64	.109	70	4.37
13	3-32	.093	60	3.75
14	5-64	.078	50	3.12
15	9-128	.070	45	2.81
16	1-16	.062	40	2.50
17	9-160	.056	36	2.25
18	1-20	.050	32	2.00
19	7-160	.043	28	1.75
20	3-80	.037	24	1.50
21	11-320	.034	22	1.37
22	1-32	.031	20	1.25
23	9-320	.028	18	1.12
24	1-40	.025	16	1.00
25	7-320	.021	14	.87
26	3-160	.018	12	.75
27	11-640	.017	11	.68
28	1-64	.015	10	.62
29	9-640	.014	9	.56

NUMBER OF SHEETS IN A BUNDLE OF STEEL AND IRON.

NOS.	24 IN. WIDE.	28 IN. WIDE.	30 IN. WIDE.
15	4	4	3
18	5	4	4
20	6	5	5
22	8	6	6
24	10	8	8
25	10	....	....
26	12	10	10
27	12	10	10
28	14	....	....
29	15	....	....

TABLE SHOWING AVAILABLE WIDTH OF SHEET STEEL ROOFING.

NO. OF LAPS	2½ IN. CORRUGATION, WIDTH 27½ IN.
1	Available width 25½ in.
1½	Available width 24½ in.
2	Available width 23 in.
	1¼ IN. CORRUGATION, WIDTH 26½ IN.
1	Available width 25½ in.
1½	Available width 24⅞ in.
2	Available width 24¼ in.

It is the custom of trade generally, as it is ours, in selling by the square, to furnish a number of sheets, the total superficial measurement of which equals 100 sq. ft. The most salable size used is No. 28, 8 ft. long, 2½ in. corrugations.

COPPER, SOLDER, LEAD, CHARCOAL, ETC.

SHEET COPPER.

Cold Rolled and Polished, Tinned One Side.

12 oz.—14×52, 14×56, 14×60 in., per pound ..... $
14 oz.—14×48, 14×52, 14×56, 14×60 in., per pound .....
14 oz.—30×60 in.....per pound

Soft or Sheathing, Tinned One Side.

12 oz.—14×48 in.....per pound $
14 oz.—14×48, 30×60 in..... "
16 oz.—14×48, 30×60 in..... "

Cold Rolled Cornice, not Tinned.

12 oz.—30×60 in.....per pound $
12 oz.—24×96, 30×96 in..... "
14 oz.—30×60, 24×96, 30×96 in. "
14 oz.—36×96 in..... "
16 oz.—30×60, 24×96, 30×96, 36×96 in., per pound .....

Soft Roofing, not Tinned.

14 oz.—24×96, 30×96 in.....per pound $
14 oz.—36×96 in..... "
16 oz.—24×96, 30×96 in..... "
16 oz.—36×96 in..... "

Soft Braziers, not Tinned.

Weight (per sheet), 8, 10, 12½, 15 and 20 lbs.
30×60 in.....per pound $

BOILER BOTTOMS.

Oval Flat.

No. 8—14 oz., regular pattern, 11¾×21⅞.....per pound $
No. 9—14 oz., regular pattern, 12⅞×23⅞ in.....per pound
No. 8—16 oz., regular pattern, 11¾×21⅞ in.....per pound
No. 9—16 oz., regular pattern, 12⅞×23⅞ in.....per pound
No. 8—14 oz., St. Louis pattern, 12½×22½ in.....per pound
No. 9—16 oz., St. Louis pattern, 13½×24¾ in.....per pound

Round Flat.

No. 8—14 oz., diameter 10½ in. per pound $
No. 9—14 oz., diameter 11½ in. "

TABLE OF WEIGHTS AND GAUGES.

STUBS' GAUGE (NEAREST) NO.	THICKNESS IN DECIMAL PARTS OF ONE INCH.	OZ. PER SQUARE FOOT.	SHEETS 14×48 WEIGHT IN LBS.	SHEETS 24×48 WEIGHT IN LBS.	SHEETS 30×60 WEIGHT IN LBS.	SHEETS 36×72 WEIGHT IN LBS.
35	.00537	4	1.16	2	3.12	4.50
33	.00806	6	1.75	3	4.68	6.75
31	.0107	8	2.33	4	6.25	9
28	.0134	10	2.91	5	7.81	11.25
27	.0161	12	3.50	6	9.37	13.50
26	.0188	14	4.08	7	10.93	15.75
25	.0215	16	4.66	8	12.50	18
24	.0242	18	5.25	9	14.06	20.25
22	.0269	20	5.83	10	15.62	22.50
21	.0322	24	7	12	18.75	27
19	.0430	32	9.33	16	25	36
18	.0538	40	11.66	20	31.25	45
16	.0645	48	14	24	37.50	54
15	.0754	56	16.33	28	43.75	63
14	.0860	64	18.66	32	50	72
13	.095	70		35	55	79
12	.109	81		40½	63	91
11	.120	89		44½	70	100
10	.134	100		50	78	112
9	.148	110		55	86	124
8	.165	123		61	96	138
7	.180	134		67	105	151
6	.203	151		75½	118	170
5	.220	164		82	128	184
4	.238	177		88½	138	199
3	.259	193		96	151	217
2	.284	211		105½	165	238
1	.300	223		111½	174	251
0	.340	253		126½	198	285

ROLLED COPPER has specific gravity of 8.93. One cubic foot weighs 558 125-1000 lbs. One square foot, of one inch thick, weighs 46 51-100 lbs.

SOLDER.

XXX Half and Half, 50-50, guaranteed fifty pounds each, tin and lead in a hundred.....per pound $

Triangular Half and Half, 50-50, guaranteed fifty pounds each, tin and lead in a hundred.....per pound $

Branded Half and Half, 48-52, tin and lead.....per pound $

XX Plumbers', 45-55, tin and lead, per pound..... $

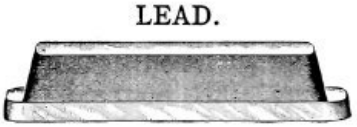
No. 1 Plumbers', 40-60, tin and lead, per pound..... $

50 AND 100 LBS. IN A BOX.

Wire, No. 10 gauge, 50-50, guaranteed fifty pounds each, tin and lead in a hundred.....per pound $

IN BUNDLES.

LEAD.



Pigs, of about 100 lbs.....per pound, $

Bars, of about 5 oz. each.....per pound $

IN 25 AND 50 LB. BOXES.

SHEET LEAD.

WEIGHT PER SQUARE FOOT, POUNDS.	APPROXIMATE THICKNESS IN FRACTIONS OF ONE INCH.	ACTUAL THICKNESS IN 1000TH PART OF ONE INCH.	NEAREST NUMBER AMERICAN WIRE GAUGE.
3	1-20	.051	16
3½	1-18	.059	15
4	1-16	.067	14
4½	1-14	.076	13
5	1-12	.084	12
6	1-10	.101	11
7	1-9	.118	10
7½	1-8	.126	9
8	1-7	.135	8

Rolls of sheet lead average 20 ft. in length and from 7 to 9 ft. in width. Special sizes and weight made to order on short notice.

Per pound.....$

BABBITT METAL.

No. M—MAGNOLIA, a high grade, self lubricating, graphite metal, for exacting use, in double bars, w't about 7 lbs., per pound..... $

IN 56 AND 112 LB. BOXES.

Lead and Antimony, for Light Bearings.

No. 4—In five part bars, w't about 7 lbs., per pound..... $
Alm—In five part bars, w't about 7 lbs., per pound.....
Tony—In five part bars, w't about 7 lbs., per pound.....

IN 28 AND 56 LB. BOXES.

Lead, Antimony, Tin and Copper, for Heavy Machinery.

Copper Mixed, in single bars, w't about 3¾ lbs.....per pound $
Best, in single bars, w't about 4 lbs., per pound.....

25 LBS. IN A BOX.

BLOCK TIN.

Large Pigs, w't about 100 lbs. each, per pound..... $
Small Pigs, w't about 25 lbs. each, per pound.....
Bars, w't about 1½ lbs. each..per pound

BRAZIERS' RODS.

3-16 in., length about 10 ft....per pound $
1-4 in., length about 10 ft....

ABOUT TWENTY-FIVE LBS. IN A BUNDLE.

HOOP IRON.

Width.....	½	¾	⅞	in
Gauge.....	23	22	20	20
Per 100 lbs.....$				

Width.....	1	1¼	1½	in.
Gauge.....	20	19	19	
Per 100 lbs.....$				

½ IN., 23 GAUGE IN 100 LB. COILS; 1½ IN., 19 GAUGE IN 50 AND 100 LB. COILS ONLY; ALL OTHER SIZES IN 25, 50 AND 100 LB. COILS. WE DO NOT BREAK COILS.

CHARCOAL.

Bags, of about 3 bu., w't 50 lbs., per bushel..... $0.30

EAVES TROUGH, PIPE AND TRIMMINGS.

EAVES TROUGH.

Single Bead, Lap Joint.

Double Bead, Slip Joint.

Galvanized Iron, 10 Foot Lengths.

Inches	3½	4	5	5	6
Gauge	28	28	28	26	28
W't per crate	120	135	175	190	200 lbs.
Single Bead, Lap Joint, per foot	$0.14	.16	.19	.25	.23
Single Bead, Slip Joint, R.H. or L.H., per foot	.15	.17	.20	...	.24
Double Bead, Slip Joint, R.H. or L.H. per foot	.18	.20	.23	...	.27

250 FEET IN A CRATE.

CONDUCTOR PIPE.

Galvanized Iron, 10 Foot Lengths.

Diameter	2	3	4	5	6 in.
W't per crate	155	185	245	280	335 lbs.
Corrugated, per foot	$0.13	.15	.20	.25	.30
Plain, per foot	.13	.15	.20	.25	.30

250 FEET IN A CRATE.

RIDGE ROLL.

Galvanized, Plain, 10 foot Lengths.

Diam. of Roll	1¼	1½	2	2½ in.
W'th of Apron	1¾	2	2½	3 in.
Girt	7	8	10	12 in.
Per foot	$0.14	.16	.19	.23

250 FEET IN A CRATE.

NOTE—For Corrugated Ridge Roll, see page 970.

EAVES TROUGH MITRES.

Galvanized Iron, Outside Corner, Single Bead.

Inches	3½	4	5	6
W't per doz.	7	8½	10½	15 lbs.
Lap Joint, per dozen	$2.50	2.75	3.00	3.50
Slip Joint, right hand, per dozen	3.00	3.25	3.50	4.00
Slip Joint, left hand, per dozen	3.00	3.25	3.50	4.00

When ordering Slip Joint Mitres, state whether right or left hand is wanted.

Galvanized Iron, Inside Corner, Single Bead.

Inches	3½	4	5	6
W't per doz.	7	8½	10½	15 lbs.
Lap Joint, per dozen	$2.50	2.75	3.00	3.50
Slip Joint, right hand, per dozen	3.00	3.25	3.50	4.00
Slip Joint, left hand, per dozen	3.00	3.25	3.50	4.00

When ordering Slip Joint Mitres, state whether right or left hand is wanted.

EAVES TROUGH END SECTIONS.

Galvanized Iron, with Outlet, Length 12 Inches.

No. A—Sizes	3½	4	5	6 in.
For Pipe	2	2	3	4 in.
W't per doz.	6½	7½	9½	12 lbs.
Lap Joint, per dozen	$2.80	3.10	3.45	4.15
Slip Joint, per dozen	2.80	3.10	3.45	4.15

When ordering Slip Joint End Sections, state whether right or left hand is wanted.

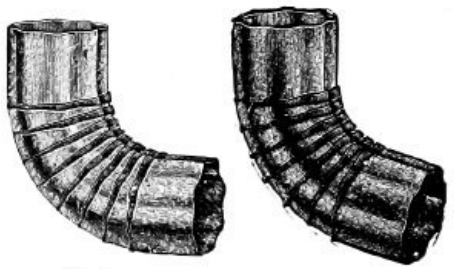
EAVES TROUGH END CAPS.

Galvanized, Slip Joint.

No. C—Sizes	3½	4	5	6 in.
For trough	3½	4	5	6 in.
W't per doz.	1	1¼	1¾	2¼ lbs.
Per dozen	$0.95	1.10	1.20	1.45

CONDUCTOR PIPE ELBOWS.

No. 1. No. 2.



No. 3. No. 4.

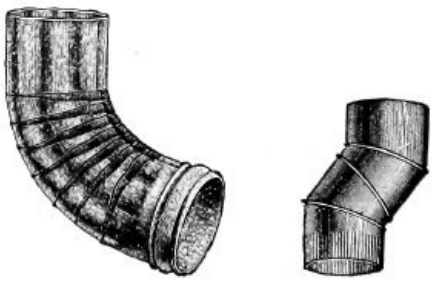
Galvanized Iron, Nos. 1, 2, 3 and 4, Plain or Corrugated.

Diameter	2	3	4 in.
W't per doz.	4	5½	9½ lbs.
Corr'd, per dozen	$3.00	3.60	4.80
Plain, "	3.00	3.60	4.80

Diameter	5	6 in.
W't per doz.	15	20 lbs.
Corr'd, per dozen	$7.20	8.64
Plain, "	7.20	8.64

Always specify both number and size.

CONDUCTOR PIPE SHOES AND ELBOWS.



Shoes. Adjustable Elbows.

Galvanized Iron, Corrugated Shoes.

Diameter	2	3	4 in.
W't per doz.	5	6½	11½ lbs.
Per dozen	$3.60	4.32	5.76

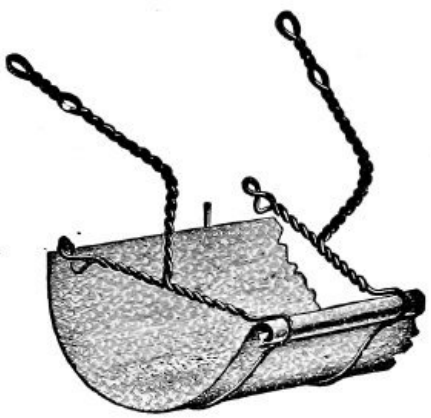
Diameter	5	6 in.
W't per doz.	17	25 lbs.
Per dozen	$8.64	10.32

Plain Round Adjustable Elbows.

Diameter	2	3	4 in.
W't per doz.	4	5	9½ lbs.
Tin, per dozen	$1.00	1.30	2.00
Galv. Iron "	1.20	1.80	2.40

EAVES TROUGH AND PIPE TRIMMINGS.

EAVES TROUGH HANGERS.



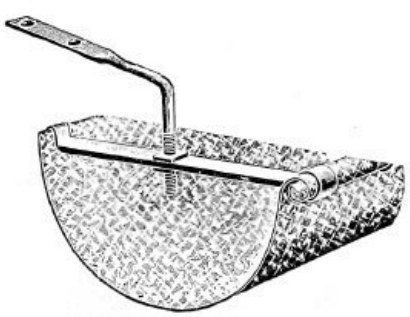
Steel Wire, Single Bead, Galvanized.

Inches.....	3 1/2	4	5	6
W't per gro..	24	25	27	30 lbs
Per gross....	$2.75	2.75	3.00	3.50

Steel Wire, Double Bead, Galvanized.

Inches.....	3 1/2	4	5	6
W't per gro.	26	26	30	30 lbs
Per gross...	$3.00	3.00	3.25	3.75

ONE GROSS IN A CASE.



Imperial Pattern, Galvanized Steel Cross-Piece, with Threaded Rod and Nuts.

Inches.....	3 1/2	4	4 1/2
W't per gross...	37	40	40 lbs.
Per gross.....	$4.00	4.25	4.35

Inches.....	5	6
W't per gross.....	42	43 lbs.
Per gross.....	$4.50	5.00

Tongs, for Imperial hangers..... each $0.50

HANGERS, HALF GROSS IN A CASE.

EAVES TROUGH HANGERS.

Baker's, ⅝ inch Hoop Steel, with Galvanized Iron Bottom Strap.

Inches.....	3 1/2	4	5	6
W't per gro.	32	36	39	46 lbs.
Per gross...	$3.75	4.00	4.25	4.50

ONE GROSS IN A CASE.

CONDUCTOR PIPE HOOKS.

Never Break, Steel. For Wood, Galvanized.

Pipe.....	2 1/2	3	4 in.
W't per dozen..	¾	1½	2 lbs.
Per doz.....	$0.24	.48	.72

Pipe.....	5	6 in.
W't per doz.....	3	4 lbs.
Per dozen.....	$0.96	1.20

100 IN A BOX.

Never Break, Steel. For Brick, Galvanized.

Pipe.....	2 1/2	3	4 in.
W't per doz..	1	1¾	2½ lbs.
Per dozen....	$0.42	.66	1.02

Pipe.....	5	6 in.
W't per doz.....	3¾	4¾ lbs.
Per dozen.....	$1.44	1.80

100 IN A BOX.

Wrought Iron, Tinned, for Brick.

Pipe.....	2	3	4 in.
W't per doz..	1	2	3¾ lbs.
Per dozen...	$0.75	.95	1.35

Pipe.....	5	6 in.
W't per doz.....	5	6 lbs.
Per dozen.....	$1.75	2.25

LOOSE.

CONDUCTOR PIPE HANGERS.

Steel Wire, Galvanized, for Plain or Corrugated Pipe.

For Pipe, in.....	2 1/2	3	4
W't per hundred....	3½	5¼	9½ lbs
Per hundred.....	$2.25	2.50	3.00

FIFTY IN A BOX.

RAIN WATER CUT-OFFS.

Galvanized Iron, for Plain Pipe.

For Pipe....	2	3	4	5 in.
W't per doz.	10	14	23	35 lbs.
Per dozen...	$7.00	8.00	11.00	20.00

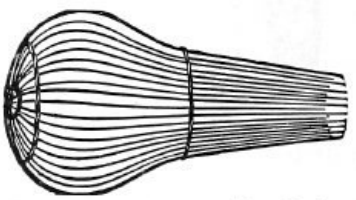
2, 3 and 4 in., one dozen; 5 in., half dozen in a crate.

Galvanized Iron, for Corrugated Pipe.

For Pipe....	2	3	4	5
W't per doz.	10	14	23	35 lbs.
Per dozen...	$7.00	8.00	11.00	20.00

2, 3 AND 4 in., ONE DOZEN; 5 in., HALF DOZEN IN A CRATE.

CONDUCTOR STRAINERS.



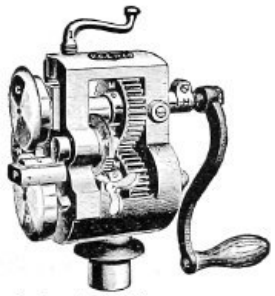
Steel Wire, Galvanized, After Made.

Pipe.....	2	3	4 in.
W't per doz....	1	1½	2½ lbs.
Per dozen.....	$1.50	2.00	3.00

Pipe.....	5	6 in.
W't per doz.....	3½	5½ lbs.
Per dozen.....	$3.50	4.00

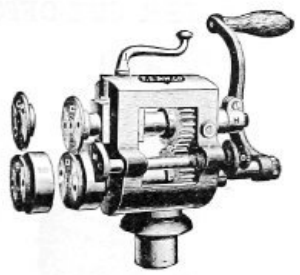
TINNERS' MACHINES.

COLUMBIAN WIRING.

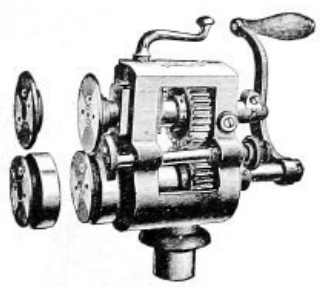


With Standard, w't 33 lbs. .....each $12.00

COLUMBIAN TURNING.

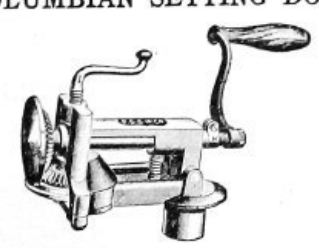


Small, with standard, with extra upper and lower face, w't 26 lbs.....each $10.00



Large, with standard, with extra upper and lower face, w't 32 lbs.....each $10.25

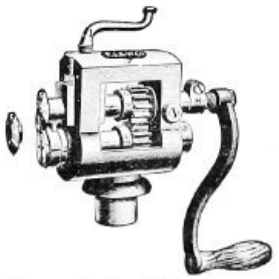
COLUMBIAN SETTING DOWN.



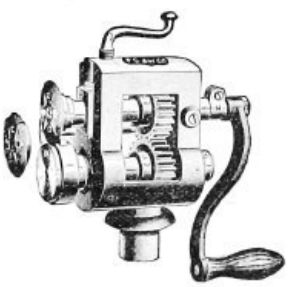
With standard, w't 21 lbs.....each $9.75

Columbian machines have a solid frame, are strong and durable, and are made with duplicate parts — that is, the corresponding parts of the same machine are interchangeable. By a patented arrangement the upper journal boxes are so constructed that the faces readily pass over seams without straining the machine or injuring the work. These machines can be used on metal as thick as No. 24 gauge.

COLUMBIAN BURRING.

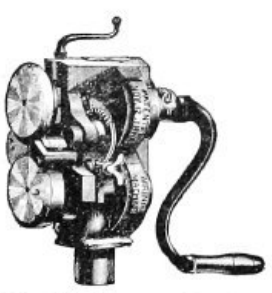


Small, with standard, with extra upper face, w't 22 lbs.....each $8.50



Large, with standard, with extra upper face, w't 26 lbs.....each $9.00

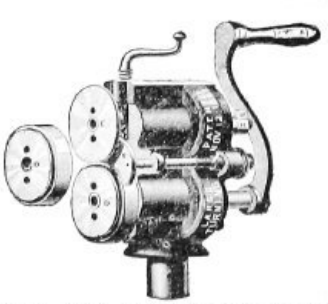
STOW'S ENCASED WIRING.



With Adjustable Boxes and Duplicate Parts.

With Standard, w't 30 lbs.....each $14.00
Without Standard, w't 18 lbs..... " 13.25

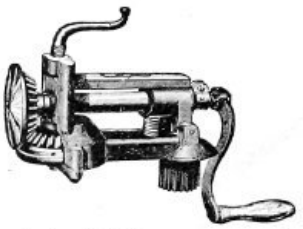
STOW'S ENCASED TURNING.



With Extra Faces, Adjustable Boxes and Duplicate Parts.

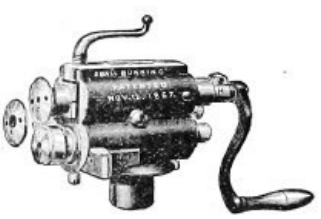
Small, with standard, w't 24 lbs....each $11.25
Small, without standard, w't 13½ lbs. " 10.50
Large, with standard, w't 29 lbs..... " 11.50
Large, without standard, w't 18 lbs. " 10.75

STOW'S ENCASED SETTING DOWN.



With Standard, w't 21 lbs.....each $9.75
Without Standard, w't 10½ lbs..... " 9.00

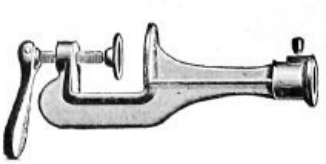
STOW'S ENCASED BURRING.



With Extra Upper Face.

Small, with standard, w't 21 lbs....each $10.00
Small, without standard, w't 10½ lbs. " 9.25
Large, with standard, w't 24 lbs.... " 10.50
Large, without standard, w't 13 lbs. " 9.75

STOW'S IMPROVED MACHINE STANDARDS.

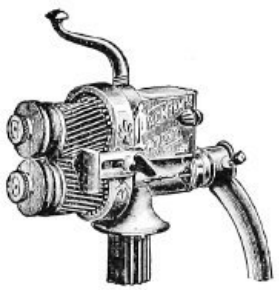


Improved Machine Standards, w't 11 lbs. each..... $1.00

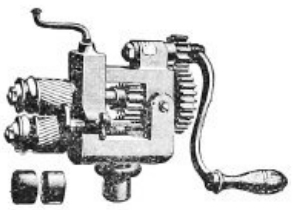
These standards are so made as to be used on any bench, varying in thickness from one to three and one-half inches. The necessity of cutting holes in the bench is obviated, and the tinner is enabled to use a machine in any part of his shop most convenient to his work. The wrench is always attached to the standard. These standards are also adapted to Raymond's machines.

TINNERS' MACHINES.

CRIMPING.



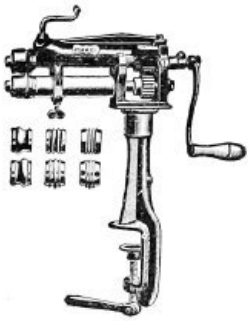
Packham's, for stove and conductor pipe, with standard, w't 24 lbs.....each $10.00



No. 7—Stove pipe crimper and beader, complete with standard, w't 45 lbs., each.....$12.00

These Machines are designed to facilitate the making and putting together of metal pipe of different diameters. They crimp and contract the edges of stove and conductor pipe, so that the lengths are put together easily. They have steel rolls and are adapted to material as thick as No. 22 gauge.

BEADING.



No. 4, With Standard.

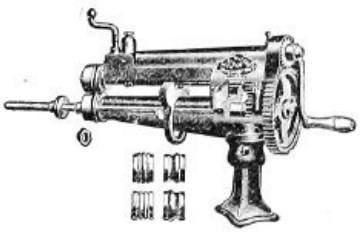
Stow's Patent, with Adjustable Boxes and Duplicating Parts.

No. 4—6 in., with 4 pairs of rollers and rotary standard, w't 35 lbs....each $19.75
No. 5—4 in., for tin, with 5 pairs of rollers and rotary standard, w't 20 lbs..each 16.75

The 4 pairs of rollers accompanying the No. 4 beader are the single bead, ogee bead, small triple bead and triple coffee pot bead.

These Machines are adapted to material not thicker than No. 26 gauge. All parts are made to standard gauges so that any piece can be replaced by designating number of machine and the part wanted.

BEADING.



No. 1, With Standard.

Improved, with 3 Pairs Rollers and Rotary Standard.

No. 1—13 in., w't 117 lbs. .....each $32.25
No. 2—10 in., w't 110 lbs. ..... " 31.25
No. 3—7½ in., w't 81 lbs. ..... " 26.25

The impressions given are 1⅛ in., 1 in., ⅞ in., ½ round, ogee coffee pot, cullender, elbow, astragal, and any form required.

The rod in front is designed as a "guide rest," on which the cylinder or vessel may rest while forming the bead, and revolves without guidance by the hand.

The machine is made with interchangeable parts, and is heavy enough to bead No. 20 iron.

STOW'S DOUBLE SEAMING.

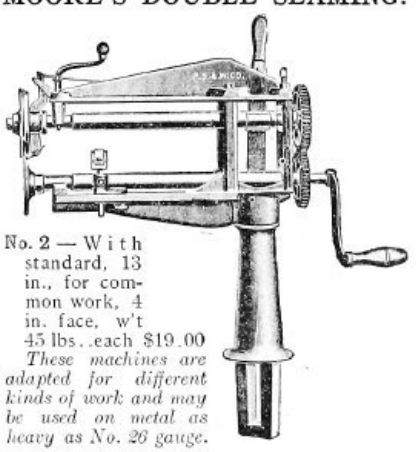
No. 5.

With Eleven Discs.

No. 5—With setting down attachment, w't 115 lbs.....each $28.00
No. 10—Without setting down attachment, w't 108 lbs..... each 24.00
Extra Discs..... " 1.25
Extra Heads..... " 2.50

The Setting Down attached to No. 1 willset down any work that can be double seamed on the machine. It works rapidly and accurately, and an inexperienced workman can use it without difficulty. It is also intended to be used on work that does not require to be double seamed, and to a large extent will take the place of the Setting Down in the set of machines. Adapted to material as thick as No. 26 gauge.

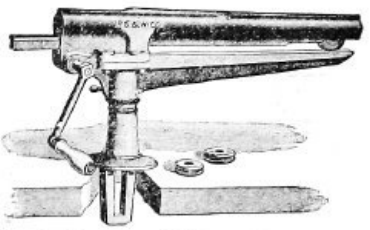
MOORE'S DOUBLE SEAMING.



No. 2 — With standard, 13 in., for common work, 4 in. face, w't 45 lbs..each $19.00

These machines are adapted for different kinds of work and may be used on metal as heavy as No. 26 gauge.

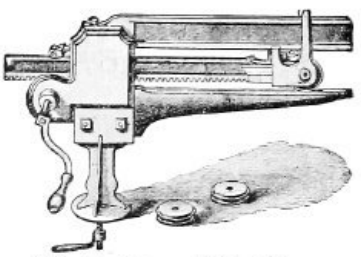
ENCASED GROOVING.



No. 1—For heavy work, 20 in., with rotary standard, w't 76 lbs. .....each $13.50
Extra Standards..... " .75

May be used on metal as thick as No. 26 gauge.

BRASS MOUNTED GROOVING

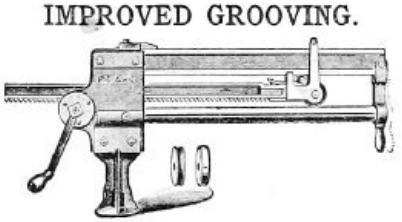


With Steel Bar and Milled Horn.

No. 01—For heavy work, 20 in., with standard, w't 78 lbs. .....each $13.50
Extra Standards..... " .75

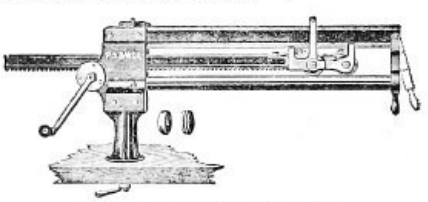
May be used on material as thick as No. 24 gauge.

IMPROVED GROOVING.



No. 120—30 in., rolls 5/32, ¼ and 3/8 in., with square supporting bar, with stand, w't 110 lbs.....each $18.00

Operator can observe his work during the whole process of grooving. Seams can be formed on the inside or outside of the cylinder and it may be used on all vessels not less than two inches in diameter. Four rolls are put up with each machine, one each with groove, and one flattening roll. When the rack is thrown back to the standard the grooving roll is lifted from the lower bar and can be easily released for the purpose of changing the rolls. These groovers are adapted to metal not heavier than No 22 gauge.



With Square Supporting Bar.

No. 220—40 in., with Kennedy Attachment, grooves work 30 in. in length, with stand, w't 130 lbs.....each $25.00

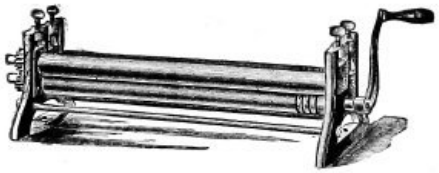
Kennedy's Patent Attachment or following roll is intended for flattening the seams.

This Attachment enables the workman to groove and flatten the seams in one operation.

These groovers have the same size rolls as above and also flattening roll.

TINNERS' MACHINES AND RULES.

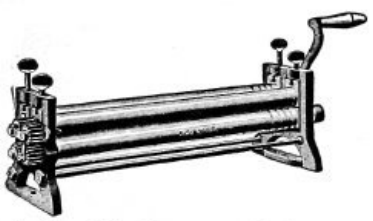
FORMING MACHINES.



Stove Pipe Former, 30 in. Long.

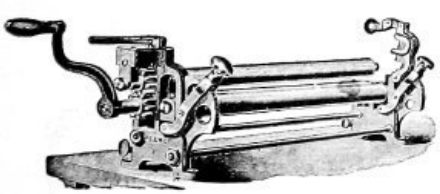
No. 2—1¾ in. rolls, w't 105 lbs....each $18.00
No. 1—2 in. rolls, w't 130 lbs..... " 19.00

These Formers are made with steel rolls. They are turned, finely finished, and are free from indentation and imperfections.



Patent Stove Pipe Former, with Compensating Gear, 30 in. Long.

No. 11—1¾ in. rolls, w't 100 lbs....each $19.00
No. 12—2 in. rolls, w't 123 lbs... " 20.00



No. 100—GRANNIS', patent slip roll stove pipe former, with compensating gear, 2 in. rolls, 30 in. long, w't 125 lbs, each $22.00

These Machines are much more easily adjusted, and can be set for forming any desired size of cylinder in much less time than is required to set others. They are made with Slip Rolls, so that small work can be readily taken from the end after it has been formed.

EAVE TROUGH END FORMERS.

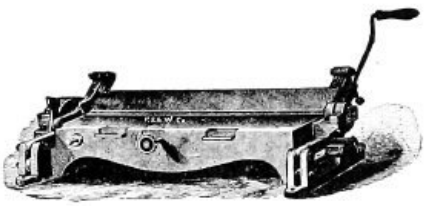
The Tool.

The Work.

No. 6—BISHOP'S, cast iron, five sizes, 3½, 4, 4½, 5 and 6 in. trough, w't 4 lbs..each $1.50

For closing end of eave trough in corrugations as shown in illustration. An end can be closed much quicker, neater and cheaper than in any other way. A cut trough can have an end put in both parts, preventing waste. Old work can be closed from a ladder. The frost will not burst the end out. The forms are light enough to use anywhere the work is to be done, and are made in two sizes, on which all sizes from 3 to 5 in. trough can be closed.

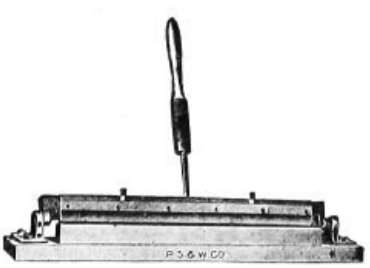
TIN FOLDING MACHINES.



No. 152—STOW'S patent, adjustable, 20¾ in., will turn locks from $\frac{3}{32}$ to 1 in., w't 80 lbs.....each $30.00
No. 154—STOW'S, patent, adjustable, 31 in., will turn locks from $\frac{3}{32}$ to 1 in., w't 155 lbs.....each 40.00
May be used on material as thick as No. 22 gauge.

SHEET IRON FOLDING MACHINES.

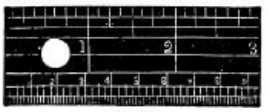
No. 1—WRIGHT'S, 30 in., improved, will turn locks $\frac{3}{16}$ and $\frac{5}{16}$ in., w't 75 lbs, each $12.00
No. 12—WRIGHT'S, 30 in., improved, will turn locks $\frac{3}{16}$, $\frac{5}{16}$, ½ and $\frac{5}{8}$ in., w't 75 lbs.....each 15.00
As now made, this machine will turn locks of different widths an any length of sheet. May be used on material as thick as No. 24 gauge.



No. 30—30 in., wood bottom, w't 56 lbs., each.....$10.00

This folder is constructed with a mill bar and fits the gauge accurately. Adapted to material as thick as No. 22 gauge.

TINNERS' RULES AND STRAIGHT EDGES.



Front.

Back.

No. 5—Plain polished, 36 in. long, w't 1¾ lb.....each $3.50
No. 6—Nickel plated, 36 in. long, w't 1¾ lb.....each 4.00

Laid off on one side with two rows of figures, the first like an ordinary steel square, by eighths and inches up to three feet. The second is a line of circumferences divided into 113 equal parts; each of these divisions is again sub-divided into 8 equal parts, the large divisions representing an inch to a scale and sub-divisions an eighth of an inch. Therefore, against any diameter the circumference in this line to a scale in inches and eighths of inches can be found.

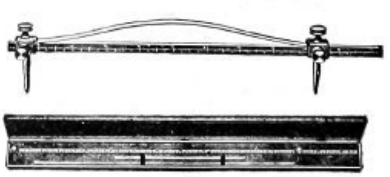
The reverse side of rule gives dimensions of measures and cans. The first two tables are for flaring measures. 1st. Liquid measures, 1 to 5 gal. 2d. Dry measures, 1 to 2 bu., giving diameter of top and bottom, and height of each size and kind.

Third table is for cans with pitch or cone tops, 1 to 10 gal., giving diameter of top and body, and compass mark for striking breast.

Fourth table is for flat top cans from 100 to 200 gal. (thirty-one different sizes), giving height and diameter.

Fifth table is for dry measure, from 1 qt. to 3 bu., giving height and diameter.

MAGIC PATTERN RULES.



No. 7—LUFKIN'S, nickel plated steel bar, length 4 ft. $\frac{7}{16}$ in., square, with two slides, trammel points and flexible steel ribbon, with pattern chart mounted on linen, 19×23 in., in hinged wooden case, w't 7 lbs.....each $5.00

The Magic pattern rule is marked in circumference inches on the front, and in inches and eighths on the back. The two slides have set screws into which trammel points are fastened. For laying out elbow patterns, the left hand slide is fastened to the end of the bar by the set screw, and the right hand slide is set according to what diameter elbow is wanted. A flextible steel ribbon on the top of bar is then raised to the required height, according to angle of elbow wanted; one glance at the chart giving such height necessary according to the elbow required.

TINNERS' TOOLS.

STOW'S IMPROVED SQUARING SHEARS.

For Cutting Sheet Metal.

No. 120—With frame, for No. 20 iron, cuts 22 in., w't 350 lbs.....each $37.00
No. 130—With frame, for No. 18 iron, cuts 31 in., w't 450 lbs.....each 52.00
No. 136—With frame, for No. 18 iron, cuts 37 in., w't 650 lbs.....each 82.00

These Squaring Shears are made with top and side extension tables and Patent Quick-Acting Back Gauge. They are also provided with front gauges and front extension arms as shown above The springs are arranged with a set screw for regulating the tension and compensating for wear. Every squaring shear when it leaves the factory, will cut wet tissue paper the whole length of the blade.

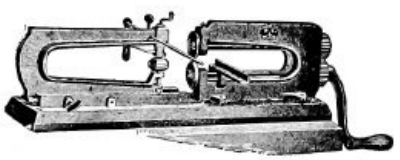
HULL'S ACME SQUARING SHEARS.

For Cutting Sheet Metal.

No. 2—ACME, with frame, for No. 18 iron, cuts 31 in., w't 450 lbs.....each $50.00

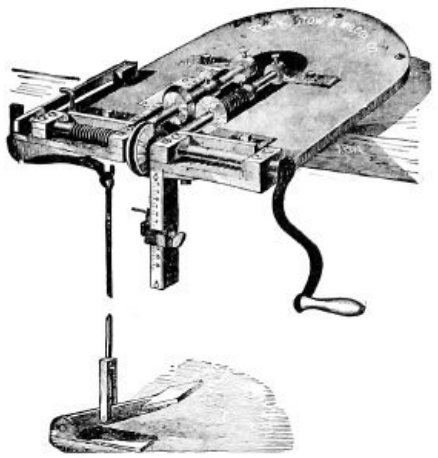
They are arranged with table, back and front gauges, for squaring, stripping and cutting at any desired angle without necessity of marking the sheets.

WAUGH'S CIRCULAR SHEARS.



No. 1—For tin, with 1 pair discs and cutters, will cut circle 2¼ to 15 in. in diameter, w't 60 lbs.....each $33.00
No. 2—For tin, with 1 pair discs and cutters, will cut circle 2¼ to 20 in. in diameter, w't 70 lbs.....each 38.00

NEWTON'S CIRCULAR SHEARS.

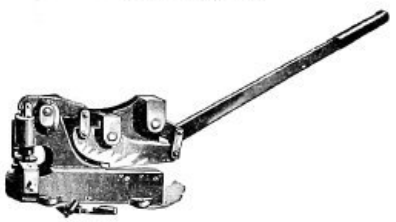


With Two Pairs of Discs, One Pair Each 2⅜ and 5⅞ Inches in Diameter.

Newton's, w't 125 lbs.....each $22.00

Will cut circles from 3 to 14 in. in diameter, from material not thicker than No. 26 gauge.

COMBINATION SHEARS AND PUNCHES.



No. 1—4½ in. cut, will punch ⅛ in. iron, w't 100 lbs.....each $16.00
No. 2—5½ in. cut, will punch $\frac{3}{16}$ in. iron, w't 120 lbs.....each 20.00

These Machines are suitable for both cutting and punching metal. They may be used for cutting ⅛ inch iron, and $\frac{3}{16}$ and ¼ inch narrow bars. The No. 1 will punch the centre of a circle 5¼ inches in diameter and the No. 2, 5½ inches. Four Punches are put up with No. 1, viz., ⅛, $\frac{3}{16}$, ¼ and $\frac{5}{16}$ inch. Five Punches are put up with No. 2, viz., ⅛, $\frac{3}{16}$, ¼, $\frac{5}{16}$ and ⅜ inch.

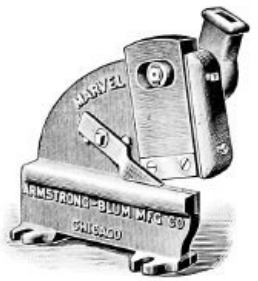
MARVEL PORTABLE PUNCHES.

Made Entirely of Steel.

No. 20—Cuts ¼ in. hole in ¼ in. stock, w't 16 lbs.....each $29.00

A powerful, well made tool. Needed in every industry wherever metal is used. Easily carried in one hand. It punches sheets, bars, angles circles, etc. A splendid tool for punching a number of holes around the edges of sheets. Will punch a hole ⅜-inch from inside corner of angle iron to center of punch. If desired to use stationary on a bench, it can be clamped in any common bench vise, the vise jaws clamping the frame between the two lower nuts, the two nuts acting as a perfect brace.

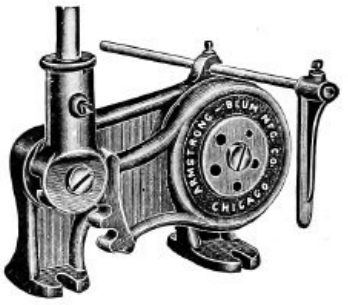
MARVEL SPLITTING SHEARS.



No. 1—4 in. blades, cuts sheets ⅛ in. thick or less, any length or width, w't 55 lbs.....each $28.00

This machine is well made and very strong The upper shear bearing is on an angle, and thus lessens the strain on the machine. The stripper, or hold down, is so placed that a line on material can be easily followed. It shears swinging lever either way.

MARVEL ROD CUTTERS.



No. 5—Cuts rods ⅜, $\frac{5}{16}$, ¼, $\frac{3}{16}$, ⅛ in. and intermediate sizes, complete with lever, gauge and gauge rod; w't 12 lbs., each.....$12.00

Cutting Dies have round openings of correct size to cut off rods and wire within the capacity of the machine, which insures good work with ends round and true.

The Marvel Rod Cutter is so arranged as to bring the lever at a convenient height from the bench, and the gearing is so placed as to remove all danger of crushing the operator's hand. The round Steel Lever can be instantly removed when desired.

The center of leverage is down low which lessens the pull on the bench. The neat Gauge is very handy when cuitng a number of pieces of the same length.

TINNERS' TOOLS.

'REV-O-NOC" STRAIGHT TINNERS' SNIPS.

Drop Forged, Steel-Laid.

Nos.	36	37	38	39	
Full length.	15½	14¼	13	12¼	in.
Cut.	4½	4	3½	3	in.
Weight	3¼	2½	1½	1	lbs.
Per pair	$3.00	2.50	2.00	1.50	

Nos.	40	41	42	
Full length	11¼	10	8½	in.
Cut.	2½	2¼	2	in.
Weight	1	¾	⅝	lb.
Per Pair	$1.40	1.25	1.00	

"Rev-o-noc" Snips are forged from one solid piece of steel and a shear steel plate of special quality is laid over the entire surface of the blade and under the bolt making a steel bearing. Each pair is hardened in water and tempered by patent method, producing a snip that is unsurpassed.

"REV-O-NOC" CURVED TINNERS' SNIPS.

Drop Forged, Steel-Laid.

Nos.	218	219	
Full length	12¼	13½	in.
Cut.	3½	3	in.
Weight	1½	1	lbs.
Per pair	$3.00	2.50	

"REV-O-NOC" ROUNDED BACK TINNERS' SNIPS.

Drop Forged, Steel-Laid.

Nos.	260	270	280	
Full length	15½	14¼	13	in.
Cut.	4½	4	3½	in.
Weight	3¼	2½	1½	lbs.
Per pair	$3.50	3.00	2.50	

Nos.	290	300	
Full length	12¼	11¼	in.
Cut	3	2½	in.
Weight	1	¾	lb.
Per pair	$2.00	1.90	

These snips will cut curves, scrolls and irregular shapes, besides being adapted to the same class of work as the ordinary straight snips. The jaws are not bent, like those of circular snips. They are shaped in a peculiar manner to allow the material to pass freely when cutting curves, or changing the direction of the cut.

STRAIGHT HAND SHEARS OR SNIPS.

P. S. & W. Co's, Wrought Handle.

Nos.	6½	7	8	9	10	11	
Cut (catalogue)	4¼	4	3½	3	2½	2	in.
Cut (actual)	4¼	3½	3¼	3	2½	1½	in.
Weight	3¼	2½	2	1½	1	⅝	lbs.
Per pair	$3.00	2.50	2.00	1.50	1.40	1.25	

No. 30—Chilled iron, cut 2¾ in., w't 1¾ lbs. ..... per pair $0.60

No. 3—Forged tool steel, cut 3 in., length 12 in., w't 1¼ lbs. ..... per pair 1.50

CIRCULAR HAND SHEARS OR SNIPS.

P. S. & W. Co's, Wrought Handle.

No. 70—Cut 3½ in., w't 2½ lbs., per pair $3.50
No. 80—Cut 3¼ in., w't 2 lbs., " 3.00
No. 90—Cut 2¾ in., w't 1⅝ lbs., " 2.50

All illustrations show left hand shears which have the lower blade on the left side.

Left hand shears are generally used, and are always sent unless otherwise stated. If wanted for a left handed man the order should so state.

Shears for left handed men are subject to an advance in price.

DENTAL SNIPS.

Japanned Handles, Nickel Plated Blades.

No. 21—1½ in. cut, w't per doz. ½ lbs., per dozen $20.00
No. 22—2 in. cut, w't per doz. ⅝ lbs., per dozen 22.00

For cutting wire cloth, etc., especially adapted for milliners.

COMBINED SHEARS AND PIPE CRIMPERS.

No. 2—Combined double cutting shear and pipe crimper, interchangeable parts, steel crimping jaws, length 13 in., actual cut 1¾ in., w't 2¼ lbs. ..... per pair $3.00

METAL CUTTING SHEARS.

No. 4—"UNIVERSAL," superior quality, highly tempered steel, polished blades, black enameled handles, length 12 in., w't 1½ lbs. ..... per pair $8.50

No. 5—"UNIVERSAL," length 7½ in., otherwise same as No. 4, w't 7 oz., per pair. 5.00

These shears will enable any one to cut with the greatest ease, all kinds of sheet metal, along curved lines as well as straight, leaving a clean cut edge.

HAWK'S BILL SHEARS.

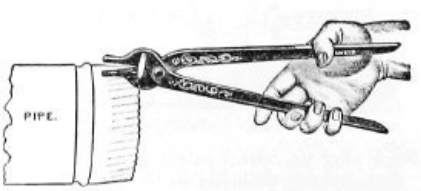
No. 15—Pointed snips (actual cut 2¼ in.), length over all 9¾ in., w't per pair 1 lb., per pair. $3.00

BENCH SHEARS.

Nos.	00	0	1	2	
Cut (catalogue)	12	10½	9	8⅝	in.
Cut (actual)	11	9½	8¼	8	in.
Weight	36	28	23	18	lbs.
Per pair	$13.50	12.00	8.00	7.00	

Nos.	3	4	5	6	
Cut (catalogue)	8⅜	8	7	6	in.
Cut (actual)	7¾	7½	6	5	in.
Weight	13	12	9	8	lbs
Per pair	$6.00	5.00	4.00	3.50	

CRIMPING TONGS.



Packham's, for pipe and metal, w't 2 lbs., per pair. $1.25

ALSO SEE TINNERS' SNIPS ON PAGES 1683 AND 1684.

TINNERS' TOOLS.

CUTTING NIPPERS.

Cast Steel Jaws.

Nos.	1	2	3	4	5
Length	12	10¾	9¾	8	7 in.
Weight	2¼	1¾	1½	1	¾ lbs.
Per pair	$2.25	2.00	1.50	1.40	1.00

ONE IN A PACKAGE

PATENT CUTTING NIPPERS.

Acme, Steel Jaws.

Nos.	1	2	3	4
Length	12	11	10	8 in.
Weight	2	1¾	1½	¾ lbs.
Per pair	$2.25	2.00	1.75	1.50

Extra jaws.....per pair $0.50

ONE IN A PACKAGE.

Carew, Forged Hardened Tool Steel Jaws.

Nos.	1	2	3	4	5
Length	14	12	10	8	6 in.
Weight	3¾	2¾	2	1½	¾ lbs.
Per pair	$3.00	2.60	2.25	2.00	1.75
Extra jaws, per pair	.70	.65	.60	.55	.50

ONE IN A PACKAGE.

HURWOOD TINNERS' SCRATCH AWLS.

No. 77—Length 7½ in., heavy cast steel tempered and polished point, shank running through handle, riveted and headed, beech handle, polished steel ferrule, w't per doz. 3½ lbs..per dozen $4.00

HALF DOZEN IN A BOX.

WIRE CHISELS.

Cast Steel.

Width	1-4	3-8	1-2	5-8	3-4 in.
Each	$0.08	.09	.10	.11	.12
Width	**7-8**	**1**	**1 1-8**	**1 1-4**	**1 1-2 in.**
Each	$0.13	.14	.15	.17	.20

¼ TO ¾ IN. ONE DOZEN; BALANCE, HALF DOZEN IN A BOX

LANTERN CHISELS.

Cast Steel..... each $0.12

ONE DOZEN IN A BOX.

SOLID PUNCHES.

Cast Steel.

Nos.	0	1	2	3	4
Size	9/32	¼	7/32	3/16	5/32 in.
Tinners' rivets	12	10	8	6	4 lbs.
Each	$0.12	.12	.12	.12	.12
Nos.	**5**	**6**	**7**	**8**	
Size	⅛	3/32	1/16	1/64 in.	
Tinners' rivets	2	1	¾	½ lbs.	
Each	$0.12	.12	.12	.12	

In Sets, including one each Nos. 1, 4, 6 and prick punches, ¾ in. wire and lantern chisels, w't 1½ lbs. per set..per set $0.72

PRICK PUNCHES.

Cast Steel..... each $0.12

HOLLOW PUNCHES.

Diameter	1-4	3-8	1-2	5-8	3-4 in.
Weight	⅛	¼	⅜	½	⅝ lb.
Each	$0.25	.38	.50	.62	.75
Diameter	**7-8**	**1**	**1 1-8**	**1 1-4**	**1 1-2 in.**
Weight	¾	⅞	1	1¼	1½lbs.
Each	$0.88	1.00	1.13	1.25	1.50
Diameter	**1 3-4**	**2**	**2 1-4**	**2 1-2**	**3 in.**
Weight	2⅛	2¼	2½	3	3¾ lbs
Each	$1.75	2.50	2.81	3.13	3.75

HAND GROOVERS.

Nos.	00	0	1	2
Groove	1/32	1/16	3/32	⅛ in.
Weight	1⅜	1⅜	1¼	1¼ lbs.
Each	$0.75	.75	.63	.50
Nos.	**3**	**4**	**5**	**6**
Groove	1/16	¼	3/16	5/32 in.
Weight	1	1	⅞	⅞ lb.
Each	$0.50	.50	.37	.37

RIVETING HAMMERS.

No. 1—Sheet iron, bright, cast steel, 1⅛ in., handled, w't 1¼ lbs.....each $0.82

No. 2—Tin, etc., bright, cast steel, 1 in., handled, w't 1 lb.....each .70

No. 3—Tin, etc., bright, cast steel, ⅞ in., handled, w't ¾ lb.....each .57

No. 4—Tin, etc., bright, cast steel, ¾ in., handled, w't ½ lb.....each .45

HALF DOZEN IN A BOX.

SETTING HAMMERS.

No. 1—Cast steel, 1⅛ in., handled, w't 1¼ lbs. .....each $0.82

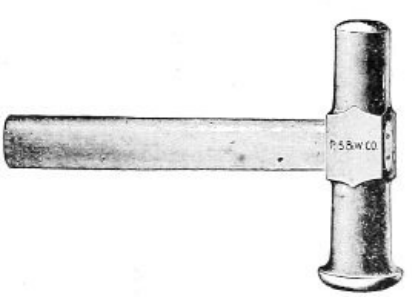
No. 2—Cast steel, 1 in., handled, w't 1 lb., each..... .70

No. 3—Cast steel, ⅞ in., handled, w't ¾ lb.....each .57

No. 4—Cast steel, ¾ in., handled, w't ½ lb.....each .45

HALF DOZEN IN A BOX

RAISING HAMMERS.



Cast Steel, Handled.

Nos.	1	2	3	4
Weight	6	3¾	2¼	1¼ lbs
Each	$2.35	1.85	1.35	.85

TINNERS' TOOLS.

WROUGHT IRON STAKES, WITH STEEL FACES.

No. 1—Beakhorn stake, w't 45 lbs..each $15.00

No. 68—Common Blowhorn, large end 9 in., small end 17½ in., w't 19 lbs., each $5.00

No. 1—Double Seaming, large end 17 in., small end 12 in., w't 34 lbs.....each $9.00
No. 2—Double Seaming, each end 11 in., w't 29 lbs.....each 8.00

No. 8. No. 84.

No. 8—Common Creasing, 14½ in. long, w't 12½ lbs.....each $4.00
No. 84—Creasing, with horn, round end 9½ in., flat end 6½ in., w't 12½ lbs., each..... 4.50

No. 6—Needle Case, flat end 8 in., small end 10½ in., w't 4 lbs.....each $2.25

No. 65—Candle Mould, small end 18 in., horn 8½ in., w't 6½ lbs.....each $2.75

WROUGHT IRON STAKES, WITH STEEL FACES.

No. 66—Common Square, face 2⅝×4½ in., w't 11 lbs.....each $3.00

Hatchet.

Nos.	1	2	3	4	5	6
Length of blade	16	14½	13	11	9	7 in.
Weight	14	12	9	6	4	3 lbs.
Each	$5.00	4.25	3.50	2.75	2.25	1.75

CAST IRON STAKES.

No. 5, Round.

No. 4. No. 6. No. 7.

No. 48—Double Seaming, with 4 heads, round, square, oblong and oval, w't 85 lbs.....each $9.00
Extra Heads, for double seaming, No. 5 round, No. 4 oval, No. 6 square and No. 7 oblong.....each 1.50
In ordering any of the above extra heads, use numbers.

No. 54—Round head, w't 11 lbs....each $1.25

No. 0—Mandrel, 3 ft. 4 in. long to the standard, w't 87 lbs.....each $6.00
No. 1—Mandrel, 2 ft. 10 in. long to the standard, w't 44 lbs.....each 5.00

CAST IRON STAKES.

No. 1—Conductor, turned, large end 15 in., small end 11½ in. long, w't 35 lbs., each..... $4.00

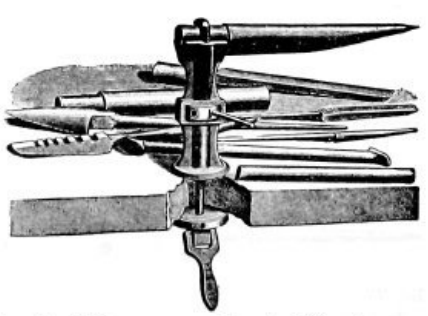
No. 67—Hollow mandrel, 3 ft. 4 in. entire length, w't 45 lbs.....each $5.50

BENCH PLATES.

Cast Iron, Polished.

No. 1—37×8 in., w't 50 lbs.....each $5.00
No. 2—30×8 in., w't 37 lbs..... " 3.00

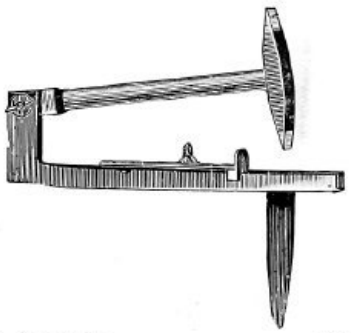
UNIVERSAL STAKE HOLDERS.



No. 90—Full set, comprising 7 different stakes, with stake holder, w't 139 lbs., each.....$37.25
No. 91—Stake holder, w't 21 lbs...each 4.50
No. 92—Beakhorn, for stake holder, w't 31 lbs.....each 11.00
No. 93—Blowhorn, for stake holder, w't 11 lbs.....each 3.75
No. 94—Creasing and horn, for stake holder, w't 9 lbs.....each 3.50
No. 95—Double seaming, for stake holder, w't 23 lbs.....each 6.50
No. 96—Conductor, for stake holder, w't 26 lbs.....each 4.00
No. 97—Candle mould, for stake holder, w't 4¼ lbs.....each 2.25
No. 98—Needle case, for stake holder, w't 4 lbs.....each 1.75

TINNERS' TOOLS.

SQUARE PAN SWEDGES.

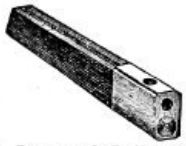


No. 7—W't 11 lbs.....each $5.00

SQUARE PAN TURNERS.

No. 1—Steel, 20 in., w't 6 lbs. .....each $2.50

RIVET SETS AND HEADERS.



Forged Steel, Japanned, Polished and Blued.

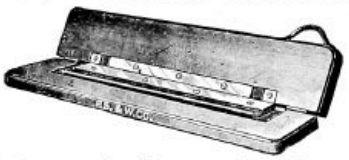
Nos.	00	0	1	2
For rivets	14	10 & 12	8	6
Each	$0.75	.75	.63	.63

Nos.	3	4	5
For rivets	4 & 5 lbs.	2½ & 3	1¾ & 2
Each	$0.50	.50	.37

Nos.	6	7	8
For rivets	1½	1¼ lbs.	10 & 12 oz.
Each	$0.37	.32	.32

HALF DOZEN IN A BOX.

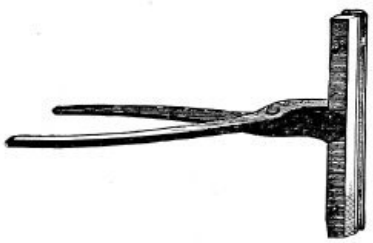
WOOD ROOFING FOLDERS.



30 in., improved, *with gauge*, w't 15 lbs., each..... $5.00

30 in., common, *without gauge*, w't 15 lbs., each..... 3.50

ROOFING TONGS.



This cut illustrates a pair.

Common Roofing Tongs, steels, sizes ½, ¾, 1, 1¼ and 1½ in., w't 15 to 20 lbs., per pair..... $3.00

Specify size in ordering.

GUTTER TONGS.

This cut illustrates a pair.

Gutter Tongs, w't 10 lbs.....per pair $5.00

ROOFING DOUBLE SEAMERS.

This cut illustrates a pair.

No. 4—Roofing Double Seamers, sizes 1×1¼ in. and 1¼×1½ in. (two pairs to match make one set), w't per set 15 lbs.....per set $1.75

BURRITT'S DOUBLE SEAMERS.

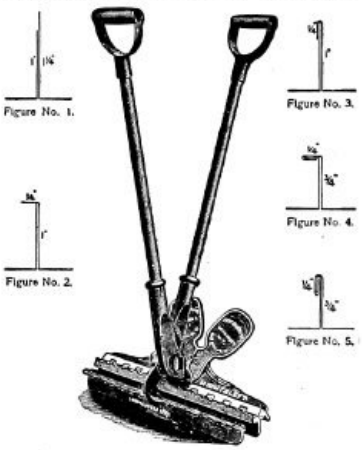


Figure No. 1.

Figure No. 3.

Figure No. 4.

Figure No. 5.

Figure No. 2.

This cut illustrates a pair. Two pairs make a set.

For Standing Lock Tin Roofing.

No. 6—1 and 1¼ in., w't per set 38 lbs., per set..... $30.00

No. 5—1¼ and 1½ in., w't per set 40 lbs., per set..... 30.00

First, the edges of the tin are turned up, one side being 1 in. and the opposite side 1¼ in. in height, as shown in Fig. 1. This operation is accomplished by means of two pairs of roofing tongs, sizes corresponding to the above.

Place the 1¼ in. roofing double seamer which has the widest jaws over the tin, which has been turned up 1¼ in., and throw the handles together. This turns over ¼ in. of tin at right angles, as shown in Fig. 2. Then use the other side of the same instrument, which is operated by the foot. This leaves the tin as shown in Fig. 3. Now use the 1 in. roofing double seamer, make the bend as shown in Fig. 4 by using the handles, and complete the operation by using the other side of the same instrument, which is operated by the foot. This leaves a standing locked seam ¾ in. in height, as shown in Fig. 5.

If a standing locked seam 1 in. high is wanted, it is necessary to use the large set (No. 5), which consists of a pair of 1½ and a pair of 1¼ in. roofing double seamers.

A full set is needed to make the double seam.

SOLDERING COPPERS.

Sharp Point, w't per pair 1, 1½, 2, 2½, 3, 4, 5, 6, 8 and 10 lbs.....per pound $0.35

Wedge Point, w't per pair 4, 5, 6, 8 and 10 lbs.....per pound $0.35

Square Point, with shield and handle, w't per pair 11 and 12 lbs.....per pound $0.35

SOLDERING COPPER HANDLES.

No. 1—Soft wood, wire bound, assorted, w't per doz., 2 lbs.....per dozen $0.30

SOLDERING SETS.

No. 7.

No. 6—One light copper soldering iron, one small round stick of solder, one box of rosin and one piece of tin, complete in paste board box, w't 3 lbs., per dozen sets..... $2.50

No. 7—One heavy copper soldering iron, one scraper, one large triangular stick of solder, one box rosin, one piece of tin, complete in paste board box, w't 7 lbs., per dozen sets..... 5.00

ONE SET IN A PASTEBOARD BOX.

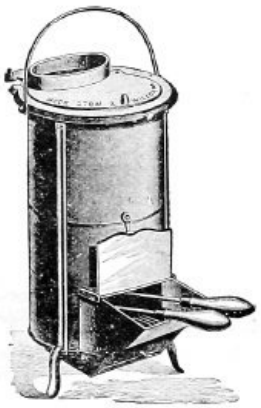
SOLDERING SALTS.

2 oz.	Bottles	per dozen	$2.00
8 oz.	Bottles	"	3.50
1 lb.	Bottles	"	7.00
5 lb.	Jars	each	2.00
10 lb.	Jars	"	3.50
25 lb.	Jars	"	10.00

A complete substitute for the usual mixture used for soldering purposes. It makes a better joint, is safer, cleaner, more convenient, and cheaper than the old-fashioned method. Uniform in strength, and unaffected by climatic changes.

TINNERS' TOOLS.

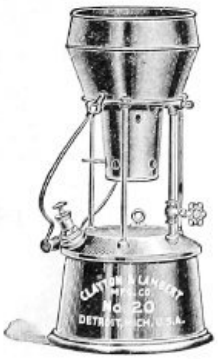
FIRE POTS.



No. 76—BUTTLES PATENT, charcoal, sheet iron, japanned, w't 15 lbs.....each $4.00

This Fire Pot is so constructed that the ashes fall into a pan beneath the coal, and the fire is kept clear and the draft is good. It is light and may easily be carried from place to place at the convenience of the workman.

No. 15—C. & L. COIL, gasoline, galvanized iron tank with galvanized cast iron bottom ring, coil of extra heavy pipe, burner of steel, small castings of malleable iron or brass, w't 13 lbs. each $4.75



No. 20—C. & L. COIL, gasoline, galvanized iron tank with galvanized cast iron bottom ring, coil of extra heavy pipe, steel burner, small castings of malleable iron or brass, fitted with automatic brass air pump, w't 13 lbs.....each $5.00

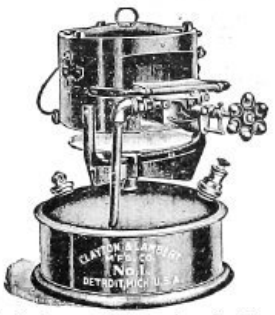
Nos. 10 and 20 are well and favorably known. The generator is powerful, producing a large volume of pure blue flame that is intensely hot, consuming less gasoline than other makes.

The valves are fitted with needle points which give the user better control of the fire and are always tight.

No. 20 is fitted with an automatic brass air pump which is more durable than bulbs and enables the user to use more air, thereby producing a blue blast flame that is intensely hot.

ONE IN A CRATE.

FIRE POTS.

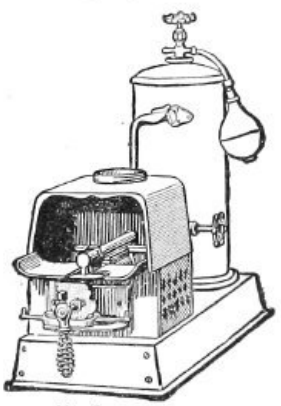


No. 1—C. & L., gasoline, galvanized iron tank, diam. 9 in., *sheet steel hood*, diam. 6¾ in., height 12 in., fixed pump, japanned wood handle, w't 14 lbs..each $7.00

No. 5—C. & L. "SPECIAL," gasoline, galvanized iron tank, diam. 8 in., *sheet steel hood*, diam. 6 in., height 11 in., fixed pump, japanned wood handle, w't 12 lbs.....each 5.50

No. 5 is same as No. 1, except smaller. It has proven very popular with metal workers, plumbers and electricians.

With these Fire Pots a kettle of solder or lead can be kept hot enough to wipe joints, and at the same time, without removing kettle from fire, there is sufficient room and heat to keep soldering irons ready for use. Removing the top section exposes an open fire, which may be used as a torch or brazing fire. Can also be used in taking soil pipe apart, thawing frozen pipes, wiping overhead joints, or removing paint or tar from roofs. Will work satisfactorily in the heaviest wind, where it is impossible to get sufficient heat out of any other make of fire pot.



No. 3.

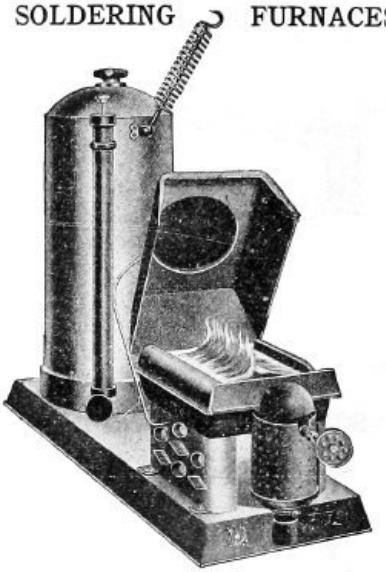
No. 3—GEM, gasoline, 21×7 in., sheet steel base, 10½×4¾ in. sheet steel reservoir, aluminum bronze, cast iron furnace, removable top, feed regulator, all cast brass fittings, japanned wood handle, sliding drip cup, rubber pump bulb, w't 14 lbs. .....each $8.00

No. 10—TORRID, gasoline, 11×6×4 in., sheet steel reservoir, capacity 1 gal., aluminum bronzed, cast iron horseshoe burner, iron top, height 11½ in., w't 25 lbs...each $6.50

ONE IN A CRATE.

No. 5—RUBBER BULBS, for gasoline fire pots, w't ¼ lb.....each 1.00

SOLDERING FURNACES.

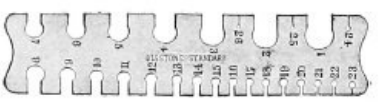


Lundy, gasoline, double blast, galvanized iron tank 5×12 in., brass pump 10×1 in., brass generator, cast iron frame, sheet steel base 19×7½ in., height over all 17 in., w't crated 30 lbs., each $17.00

The Lundy furnace has two blasts and is so constructed that the heat from both blasts is forced from the outside to the center so that while one iron is being used, the other one receives the force from both blasts, and the irons can be heated as fast as any tinner can possibly cool them.

It is well made and with ordinary care will last a lifetime.

STANDARD WIRE GAUGES.



No. 3—Cast steel, oblong, gauges Nos. 1 to 26, accuracy guaranteed, w't per doz. 1 lb .....per dozen $18.00

No. 4—Cast steel, oblong, gauges Nos. 0 to 29, accuracy guaranteed, w't per doz. 3 lbs .....per dozen $25.00

No. 2—Cast steel, round, small, gauges Nos. 6 to 36, w't per doz. 1 lb., per dozen..... $15.00

No. 1—Cast steel, round, large, gauges Nos. 0 to 36, w't per doz. 2½ lbs., per dozen..... 24.00

HALF DOZEN IN A BOX.

LANTERNS, LAMPS AND SUPPLIES

COOK AND HEATING STOVES

HIBBARD, SPENCER, BARTLETT & CO.

CHICAGO

"OUR VERY BEST" LANTERNS.

COLD BLAST.

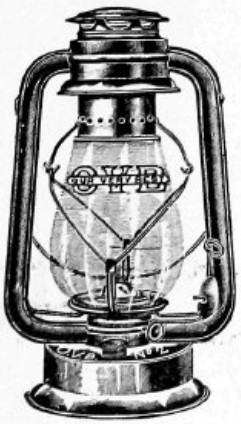
Large Size Fount, Burns Thirty Hours, Heavy Brass Burner, One Inch Wick, Extra Large Funnel Shaped Brass Filler Screw, Brass Bound Globe Lift Placed Between the Tubes, Basket Globe Guard Which Does Not Touch the Globe at Any Point, No. 2 Crystal Cold Blast Globe (No. 611).

No. 2 OVB—Tin fount, full weight IX-AAA charcoal plate, heavily retinned.....per dozen $14.50
No. 22 OVB—Entirely red enameled, baked on.....per dozen 15.35
No. 20 OVB—Planished copper bottom, per dozen..... 18.90
No. 25 OVB—Planished copper fount, per dozen..... 19.50

These lanterns will not blow out in any wind; the combustion is perfect and the light white to the extreme edge of flame.

HALF DOZEN IN A CASE. WEIGHT PER DOZEN 40 LBS.

"BANTIE" COLD BLAST.



Fount Holds Oil to Burn Twenty Hours, Extreme Height 12½ Inches, Width Over Tubes 7½ Inches, Brass Burner with ⅝ Inch Wick, Brass Filler Screw, Brass Bound Globe Lift Placed Between Tubes, Basket Globe Guard Which Does Not Touch Globe at Any Point, Crystal "Bantie" Cold Blast Globe (No. 610).

No. 1 OVB—BANTIE, tin fount, heavily retinned.....per dozen $12.80
No. 10 OVB—BANTIE, polished brass, per dozen..... 21.65
No. 15 OVB—BANTIE, brass, nickel plated.....per dozen 30.00

These lanterns will not blow out in any wind, the combustion is perfect and the light white to the extreme edge of flame.

HALF DOZEN IN A CASE. WEIGHT PER DOZEN 30 LBS.

COLD BLAST DASH.

Large Size Fount, Burns Thirty Hours, Heavy Brass Burner, One Inch Wick, Extra Large Funnel Shaped Brass Filler Screw, Brass Bound Globe Lift Placed Between Tubes, Bulls Eye Attached to Perforated Globe Plate, Corrugated Reflector with Spring Dash Board Attachment, Basket Globe Guard Which Does Not Touch Globe at Any Point, No. 2 Crystal Cold Blast (No. 611)

No. 200 OVB—Blue lacquered, per dozen..... $20.60
No. 202 OVB—Red enameled, baked on, per dozen..... 20.60

These lanterns will not blow out in any wind, the combustion is perfect and the light white to the extreme edge of flame.

HALF DOZEN IN A BOX. WEIGHT PER DOZEN 50 LBS.

"BANTIE" COLD BLAST DASH.

No. 100 OVB—Red enameled, height 12½ in., brass burner, ⅝ in. wick, brass filler cap and screw, brass bound globe lift, "Bantie" cold blast globe (No. 610), corrugated tin reflector with spring dash board attachment, w't per doz. 40 lbs.....per dozen $18.75

These lanterns will not blow out in any wind, the combustion is perfect and the light white to the extreme edge of flame.

HALF DOZEN IN A CASE.

ORDINANCE LANTERNS.

No. 102 OVB—Red enameled, extreme height 12½ in., corrugated reflector with *2¼ in. ruby lens rear signal*, brass burner with ⅝ in. wick, brass filler cap and screw, brass bound globe lift, "Bantie" cold blast globe (No. 610) complete with No. 45 **OVB** side holders, w't per doz. 37 lbs.....per dozen $20.60

HALF DOZEN IN A CASE. WEIGHT PER DOZEN 35 LBS.

EXTRA SIDE HOLDERS.

No. 45 OVB—Red enameled, plate to screw on vehicle and attachment to fasten on lantern.....per dozen $3.00

TUBULAR.

Fount Holds Kerosene to Burn Eighteen Hours, Extra Size Funnel Shape Filler Cap and Screw, Heavy Brass Burner, ⅝ Inch Wick, Brass Bound Globe Lift Between Tubes, Substantial Globe Guard, No. 0 Crystal Tubular Globe (No. 600).

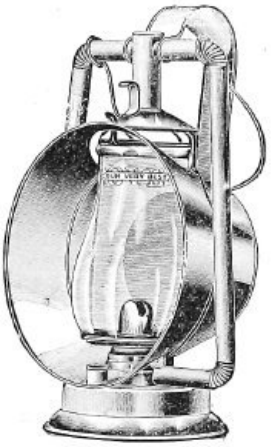
No. 242 OVB—Tin fount, heavily retinned w't per doz. 30 lbs. per dozen $ 8.40
No. 2423 OVB—Ruby globe.. " " 10.75

These lanterns are used by railroad companies and contracting companies to signal danger.

No. 2420 OVB—Planished copper bottom.....per dozen $11.80
No. 2425 OVB—Planished copper fount.....per dozen 17.00
No. 243 OVB—Large fount, holds kerosene to burn thirty hours, No. 2 tubular burner, 1 in. wick, extra large size funnel shaped brass filler screw, brass bound globe lift placed between the tubes, substantial globe guard, No. 0 crystal tubular globe (No. 600), w't per doz. 40 lbs..... per dozen $12.00

HALF DOZEN IN A CASE.

LANTERNS.



No. 2150—Tubular, car inspectors', bright tin hood 6 in. deep, 5 in. silvered glass reflector, high cone burner, 5/8 in. wick, No. 0 globe (No. 600), top lift, w't per doz. 49 lbs., - - - - - - - per dozen $24.00

HALF DOZEN IN A CASE.

No. 7001.

LADIES' HOUSE.

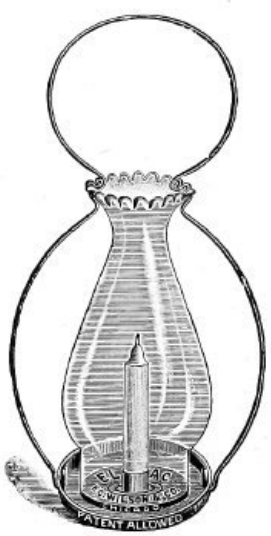
No. 70—CADET, tin, height 8 in., diameter of base 3 in., height of globe 4 in., top 1 3/8 in., bottom 1 3/4 in., takes No. 0 wick, burns either lard oil or kerosene, w't per doz. 6 lbs., - per dozen $1.80

No. 7001—CADET, all brass, otherwise same as No. 70, w't per doz. 6 lbs., per dozen 3.00

This lantern is specially designed for ladies' use in the garden and about the house.

ONE DOZEN IN A PAPER BOX.

CANDLE.



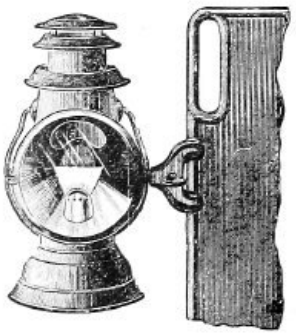
No. 51.

No. 50—DANDY, without chimney or candle (for No. 2 Sun chimney), w't per doz. 3 1/2 lbs., - - per dozen $1.20

No. 51—DANDY, with chimney, w't per doz. 6 lbs., " 2.25

TWO DOZEN IN A BOX.

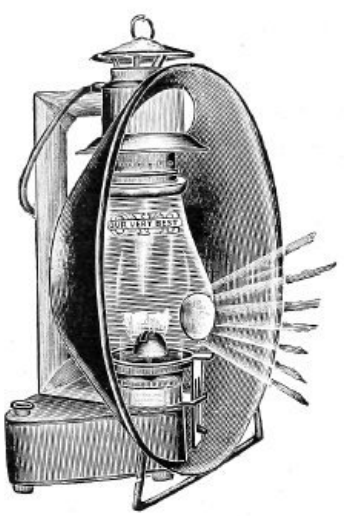
DRIVING LAMPS.



No. 354—Tubular, japanned, height 11 in., 5 in. beveled plate glass front, spring at back to attach to dash, also detachable holder fitting right or left side of dash and screw holder for flat surfaces, also has ruby rear light and wire bail, 3/8 in. wick, w't per doz. 65 lbs., per dozen, - - - - - - - - $42.00

HALF DOZEN IN A CASE.

SEARCHLIGHTS.



No. 35.

No. 35—"O. V. B." Tubular, blued tin, 1 in. burner, 1 in. wick, No. 0 globe, tin reflector, 16 in. in diameter and 7 in. deep, w't per doz. 95 lbs., - - - per dozen $30.00

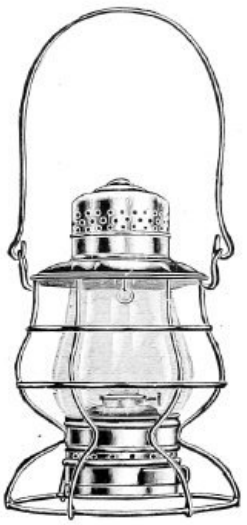
No. 40—Tubular, blued tin, 1 1/2 in. wick, 1 1/2 in. burner, No. 2 globe, tin reflector, 21 1/2 in. diameter and 9 1/2 in. deep, w't per doz. 300 lbs., - - - per dozen 72.00

NO. 35, ONE QUARTER DOZEN; NO. 40, ONE IN A CASE.

Weight given above is the shipping weight.

RAILROAD LANTERNS.

No. 390.



No. 395.

No. 225 to 235.

Solid Bottom, No. 39 R. R. Globe.

No. 391—Crystal globe, ratchet lard oil burner, 5/8 in. wick, weight per dozen 31 lbs., - - - - - - per dozen $11.00
No. 392—Ruby globe, ratchet lard oil burner, 5/8 in. wick, weight per dozen 31 lbs., - - - - - - " 19.50
No. 393—Green globe, ratchet lard oil burner, 5/8 in. wick, weight per dozen 31 lbs., - - - - - - " 15.50
No. 390—Lantern frames only, ratchet lard oil burner, 5/8 in. wick, weight per dozen 23 lbs., - - - - - " 9.00

Wire Bottom, No. 39 R. R. Globe.

No. 396—Crystal globe, ratchet lard oil burner, 5/8 in. wick, weight per dozen 33 lbs., - - - - - - per dozen $11.50
No. 397—Ruby globe, ratchet lard oil burner, 5/8 in. wick, weight per dozen 33 lbs., - - - - - - " 20.00
No. 398—Green globe, ratchet lard oil burner, 5/8 in. wick, weight per dozen 33 lbs., - - - - - - " 16.00
No. 395—Lantern frames only, ratchet lard oil burner, 5/8 in. wick, weight per dozen 25 lbs., - - - - - " 9.50

Pullman Conductors,' Pullman Globe.

No. 225—Polished brass, crystal globe, lard oil burner, weight 2 lbs., - - - - - - - - - each $6 00
No. 227—Polished brass, half ruby and half crystal globe, lard oil burner, weight 2 lbs., - - - - - - - " 8.00
No. 228—Polished brass, half green and half crystal globe, lard oil burner, weight 2 lbs., - - - - - - - " 8.00
No. 229—Nickel plated brass, crystal globe, lard oil burner, weight 2 lbs., - - - - - - - - " 6.00
No. 230—Nickel plated brass, half ruby and half crystal globe, lard oil burner, weight 2 lbs., - - - - - - " 8.00
No. 235—Nickel plated brass, half green and half crystal globe, lard oil burner, weight 2 lbs., - - - - - - " 8.00

TWELVE TO FIFTEEN DOZEN IN A CASE.

POLICE LANTERNS.

No. 03.

Flash Light.

No. 03—Japanned tin, height, 7¾ in., 3 in. bull's eye, weight per dozen 15 lbs., - - - - - - - per dozen $6.00
No. 67—Japanned tin, height, 7½ in., 3 in. bull's eye, with flash light, weight per dozen 14 lbs., - - - - " 8 00

ONE IN A PACKAGE.

LAMPS.

STATION LAMPS.

Square Tin, Lacquered Blue.

No. 11—7½×9 in., height 16 in., No. 2 burner, 1 in. wick, 8 in. silvered reflector, w't 17 lbs...each $2.50

No. 21—8×10 in., height 17 in., No. 2 burner, 1 in. wick, 8 in. silvered reflector, w't 18 lbs...each 3.00

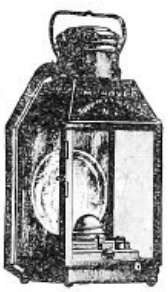
ONE IN A CASE.

Triangular, Tin, Lacquered Blue.

No. 34—12 × 12 in., back 14 in., height 21 in., No. 2 burner, 1 in. wick, 10 in. silvered reflector, w't 22 lbs.....each $3.50

ONE IN A CASE.

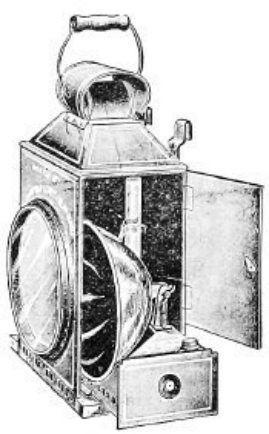
Square Tubular, Tin, Lacquered Blue.



No. 23—9×10 in., height 21½ in., No. 3 burner, 1½ in. wick, 8 in. silvered reflector, w't 21 lbs...each $6.50

ONE IN A CASE.

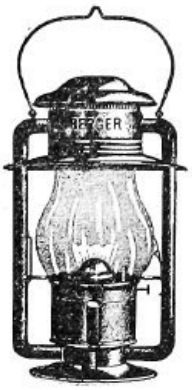
TRACTION HEADLIGHTS.



No. 634—All steel frame, best 22 gauge Bessemer sheet steel; best lake copper reflector, heavily silver plated and mounted on heavy oil fount and slide; Moehring headlight burner, which will burn longer than other small headlight burner; the chimney and burner are held firmly in place by a hook at the top of chimney; the front glass is held by a spring and fastener which is easily removed, if glass is broken; large and strong malleable iron handle on the case; takes "Perfection" student wick and Ham's special headlight chimney, w't 30 lbs.....each $12.00

ONE IN A CASE.

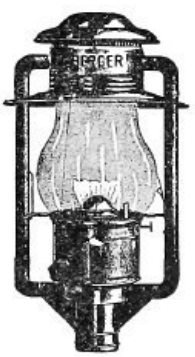
GLOBE TUBULAR LAMPS.



No. 30—Painted green, *hanging*, with bottom lift, tin fount, No. 3 burner, 1½ in. wick, No. 3 globe, height 22 in., w't 23 lbs.....each $6.00

No. 305—With glass fount, otherwise same as No. 30, w't 25 lbs.....each 6.50

ONE IN A CASE.



No. 3—Painted green, *for post*, with bottom lift, tin fount, No. 3 burner, 1½ in. wick, No. 3 globe, height 27 in., w't 26 lbs.....each $6.00

No. 350—With glass fount, otherwise same as No. 3, w't 25 lbs.....each 6.50

ONE IN A CASE.

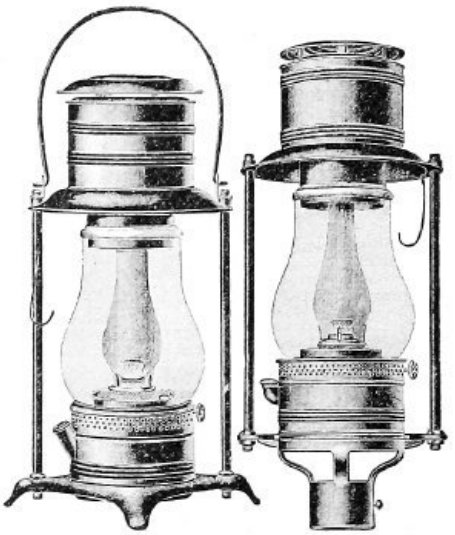
Nos. 30 and 3 lamps are fitted with No. 103 founts which can be set to burn a certain number of hours, extinguishing automatically. They are supplied with an outside wick regulator and will not blow out.

No. 103—Extra tin founts with burner, to fit Nos. 3 and 30 Berger lamps, painted green reservoir, with time pin regulator, w't 1¾ lbs★.....each $2.00

ONE IN A CASE.

★*FOR FACTORY SHIPMENT ONLY.*

CENTRAL DRAFT.



No. 55. No. 65.

Center Draught Removable Founts.

No. 55—MILLER'S ROCHESTER, *hanging*, painted green, with No. 2 Rochester wick and No. 3 tubular globe, height with bail 26½ in., w't 40 lbs, each.....$10.00

No. 65—MILLER'S ROCHESTER, for post, painted green, with No. 3 tubular globe, No. 2 Rochester wick, height 31 in., w't 35 lbs.....each 10.00

Burners have lift attachment for cleaning, and Miller's Ideal wick lift. These lamps give much more light than flat wick lamps.

ONE IN A CASE.

STREET LAMPS.

No. 74. No. 2.

No. 74—CORPORATION, corrugated tin top, painted green, height about 32 in., tin socket, glass fount. No. 2 Sun burner and chimney, 1 in. wick, w't 28 lbs., each.....$5.00

No. 2—Square, tubular, corrugated tin, top, painted green, height 36 in., large tin fount, can be set to burn a certain number of hours and then go out, No. 3 burner 1½ in. wick, requires no chimney 3 in. flame, w't 34 lbs.....each 9.00

ONE IN A CRATE.

LAMP AND BRACKETS.

STREET LAMP BRACKETS.

No. 130—Length 20 in., black japanned, finished cast iron, w't 9 lbs.....each $3.00
Adapted to Nos. 3, 350, 65, 74 and 2 street lamps.

LAMP BRACKETS.

No. 5530—Ring, bronze finish, lacquered to prevent tarnishing, with wall plate and reflector pin. 5 in. disc, projects 11 in., w't per doz. 11 lbs.....per dozen $1.80
ONE DOZEN IN A PACKAGE; ONE GROSS IN A CASE.

No. 5560—Bronze finish, lacquered to prevent tarnishing, machine cut threads in the bowl, hangs level and rigidly, projects 13 in., w't per doz. 13 lbs.....per dozen $3.75
HALF DOZEN IN A PACKAGE; HALF GROSS IN A CASE.

STREET LAMP POSTS.

No. 7—Turned cedar, painted, for all styles of post lamps, diameter 6 in., length 10 ft., turned 7 ft., w't 50 lbs., each..... $2.50

HAND LAMPS.

No. 640—Polished brass, height 2 in., takes No. 0 Sun burner, ⅜ in. wick, w't per doz. 2 lbs.....per dozen $2.50

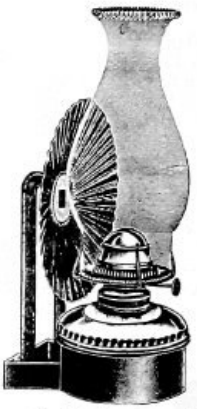
BRACKET LAMPS.

No. 553—Bronzed bracket, with swinging socket, 8 in. silver glass reflector, No. 9120 filler fount, No. 2 Sun burner, and No. 2 Sun crimped chimney, w't per doz. 50 lbs.....per dozen $10.00
ONE DOZEN IN A CASE

No. 556—French bronze finish bracket, No. 9119 handled glass filler fount, 8 in. silvered glass reflector, No. 2 Sun burner and chimney, 1 in. wick, w't per doz. 51 lbs.....per dozen $12.00
ONE DOZEN IN A CASE.

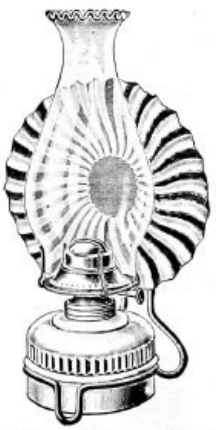
No. 560—Gilt ring bracket, polished brass fount, No. 102 Premier burner, No. 402 chimney, 8 in. silvered glass reflector, w't per doz. 35 lbs., per dozen $24.00
ONE DOZEN IN A CASE.

KITCHEN SIDE LAMPS.



No. 816—Heavy tin blue lacquered frame, 7 in. corrugated tin reflector, No. 9123 glass fount, No. 2 burner and No. 2 chimney, w't per doz. 35 lbs., per dozen..... $4.00

No. 0816—Frame and fount without chimney or burner, otherwise the same as No 816.....per dozen 2.25
No. 816, ONE DOZEN; No. 0816, THREE DOZEN IN A CASE.



No. 618—Tinned steel frame, No. 9123 glass fount, No. 2 Sun burner and chimney, 1 in. wick, 7 in. tin reflector, w't per doz. 35 lbs.....per dozen $5.00
ONE DOZEN IN A CASE.

No. 583—Japanned tin fount, No. 2 Sun burner and chimney, 1 in. wick, tin reflector 9×10¼ in., w't per doz. 35 lbs., per dozen..... $5.50
ONE DOZEN IN A CASE.

LAMPS.

GLASS LAMP ASSORTMENTS.

Footed Hand Lamp.

Flat Hand Lamp.

Stand Lamp

No. 7—Assortment.
Consisting of 36 Glass Lamps, assorted as below.

	PER DOZ.	RETAIL VALUE.
½ doz. No. ½A Stand Lamps, No. 1 collar	$1.80	$0.90
⅓ doz. No. A, Stand Lamps, No. 1 collar	2.40	.80
½ doz. No. B, Stand Lamps, No. 2 collar	3.00	1.50
½ doz. No. C, Stand Lamps, No. 2 collar	3.60	1.80
⅙ doz. No. D, Stand Lamps, No. 2 collar	4.80	.60
⅔ doz. Flat Hand Lamps, No. 1 collar	1.20	.80
⅓ doz. Footed Hand Lamps, No. 1 collar	1.80	.60
Total retail value.....per assortment		$7.00

These lamps are the very latest pattern, made extra heavy of clear flint glass.

The above illustrations show that these lamps combine grace of outline with large oil fount. This assortment comprises all sizes of stand and hand lamps in quantities in which they ordinarily sell.

TABLE LAMPS.

No. D1152.

No. 1140.

No. D1152—Heavy pressed glass, height 10 in., No. 2 collar, without burner or chimney, w't per doz. 42 lbs., per dozen $ 7.50

No. D1153—With No. 2 Sun burner and chimney, otherwise same as No. D1152, w't per doz. 48 lbs.....per dozen 9.75

No. 1140—Brass bowl and bronzed iron base, height 10¾ in., No. 2 collar, no burner or chimney, w't per doz. 27 lbs., per dozen..... 13.00

No. 1143—With No. 2 Sun burner and chimney, otherwise same as No. 1140, w't per doz. 30 lbs.....per dozen 15.25

OIL FOUNTS.

No. 9123.

No. 9120.

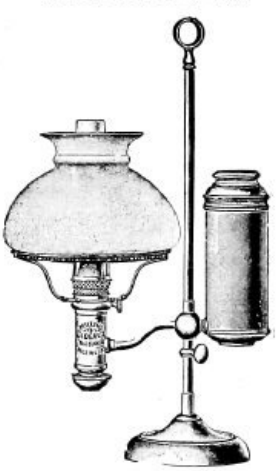
No. 9123—Glass fount, takes No. 2 burner, for kitchen lamp Nos. 618 and 816, w't per doz. 10 lbs.....per dozen $1.50

No. 9120—Glass filler fount, takes No. 2 burner, for iron chandeliers and bracket lamps, w't per doz. 11 lbs....per dozen 2.00

No. 9119.

No. 9119—Glass handled filler fount, takes No. 2 burner, for iron chandeliers and bracket lamps, w't per doz. 12 lbs., per dozen..... $ 2.50

STUDY LAMPS.



Nos. 6883 and 6884.

No. 6883—MILLER'S IDEAL STUDY, brass nickel plated, complete with 7 in. white dome shade, No. 0 Rochester chimney and No. 1 study wick, w't 6 lbs.....per dozen $60.00

No. 6884—MILLER'S IDEAL STUDY, green shade, otherwise same as No. 6883, per dozen..... 72.00

TWO DOZEN IN A CASE.

CENTRAL DRAFT TABLE LAMPS.

No. D9070.

No. D9108.

No. D9070—ASTRAL, nickel plated, complete with tripod, 10 in. white dome shade and No. 2 Rochester chimney and wick, w't 4½ lbs.....per dozen $33.00

Astral lamps are equipped with combined plunge and ratchet with adjustment, patent chimney lift for lighting, aluminum oil indicator to prevent overfilling.

No. D9108—NEW MILLER, brass, nickel plated, embossed, complete with tripod, 10 in. white dome shade and No. 2 Rochester chimney and wick, w't 5 lbs., per dozen.....$42.00

New Miller Lamps are equipped with combined plunge and ratchet wick adjustment, patent chimney lift for lighting, aluminum oil indicator to prevent overfilling.

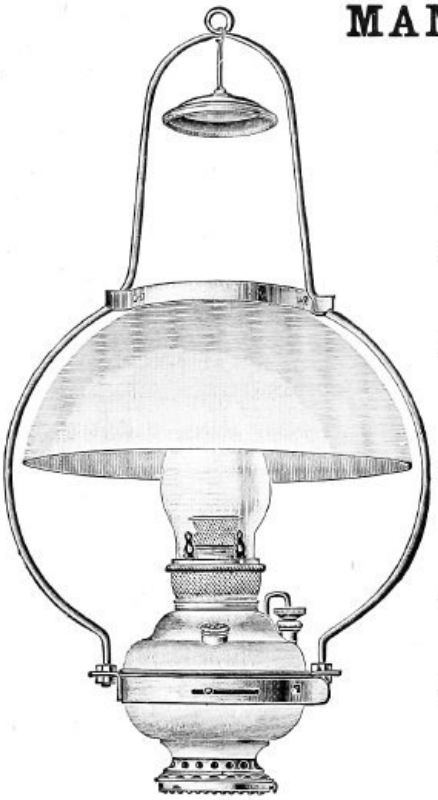
TWO DOZEN IN A CASE.

Combined Ratchet and Screw Wick Adjustment.

No. D98—NEW JUNO ASSORTMENT, consisting of six nickel plated stand lamps, two each of three patterns as illustrated above, all complete with new folding tripods, 10 in. white dome shades, No. 2 Rochester chimneys and wicks, w't per case 40 lbs.....per case $18.00

These Juno lamps are as fine as can be made. They include every desirable feature found in any of the best lamps in the market. They give a very large white, steady light; the burner is simple and easily cleaned; does not clog up. Combined plunge and ratchet wick adjustment, which will be found a great advantage. Patent chimney lift for lighting, aluminum indicator to prevent overfilling. The oil cannot run down the inner tube, but returns to the reservoir if turned too high when not in use. Every lamp has the new patent folding tripod. They are made of heavy brass of full standard size, and the finish is the best.

MAMMOTH STORE LAMPS.



Nos. 9173 and 09173.

VESTAL.

No. 2 Central Draft, Plain Fount.

No. 9173 —Polished brass, 14 in. dome shade, No. 2 Rochester chimney and wick, weight 6 lbs., - - each $3.75

No. 09173—Nickel plated brass, 14 in. dome shade, No. 2 Rochester chimney and wick, weight 6 lbs., - each 4.00

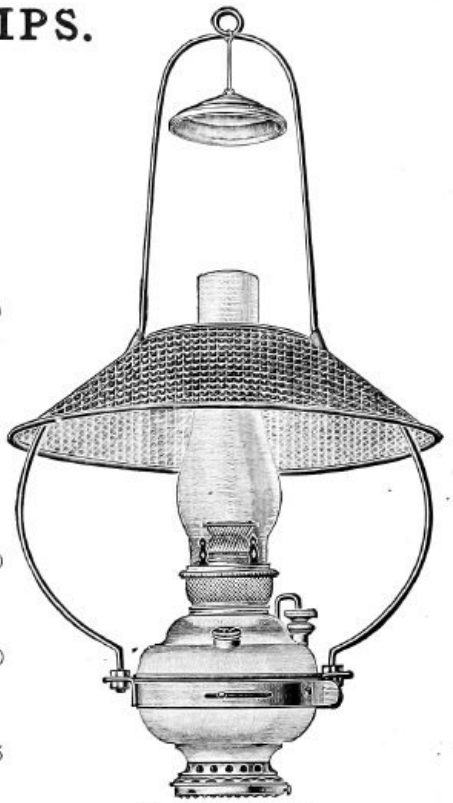
No. 9273 —Polished brass, 20 in. corrugated tin shade, No. 2 Rochester chimney, and wick, weight 5½ lbs., each - - - - - - 3.25

No. 09273—Nickel plated brass, 20 in. corrugated tin shade, No. 2 Rochester chimney and wick, weight 5½ lbs., each - - - - - - 3.50

No. 9373 —Polished brass, No. 2 Rochester chimney and wick, without shade, weight 5 lbs., - - - each 3.00

No. 09373—Nickel plated brass, No. 2 Rochester chimney and wick, without shade, weight 5 lbs., - - each 3.25

Fount holds 3 pints of oil. Burns 8 hours.



Nos. 9273 and 09273.

JUNO.

No. 3 Central Draft, Embossed Fount.

No. 1114 —Polished brass, 14 in. white dome shade, No. 3 Rochester chimney and wick, weight 8¾ lbs., - each $5.50

No. 01114—Nickel plated, 14 in. white dome shade, No. 3 Rochester chimney and wick, weight 8¾ lbs., - each 6.00

No. 1120 —Polished brass, 20 in. corrugated tin shade, No. 3 Rochester chimney and wick, weight 7 lbs., each 5.00

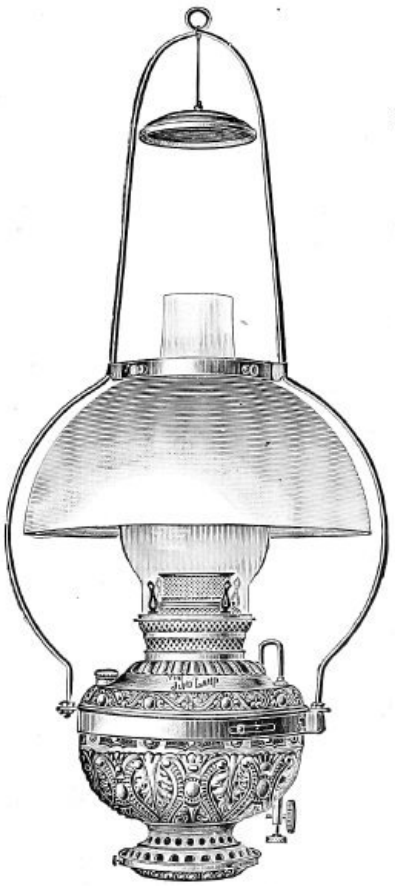
No. 01120—Nickel plated, 20 in. corrugated tin shade, No. 3 Rochester chimney and wick, weight 7 lbs., each 5.50

No. 1128 —Polished brass, No. 3 Rochester chimney and wick, without shade, weight 6 lbs., - - - each 4.50

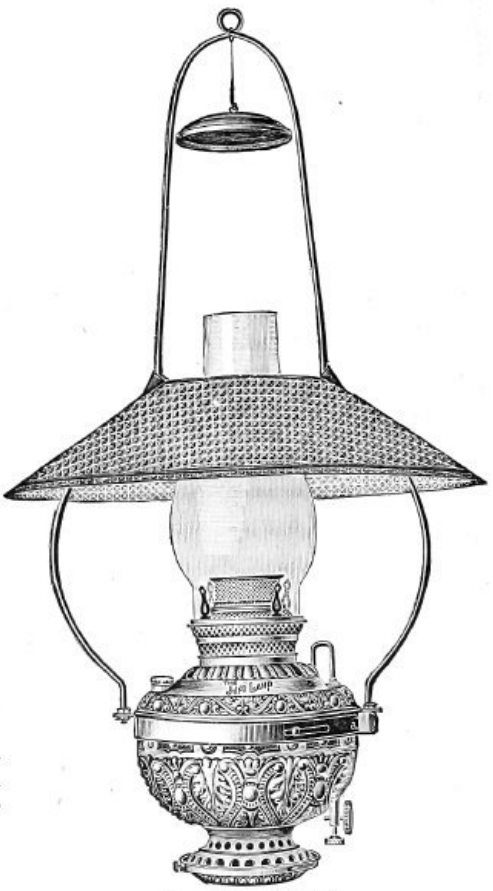
No. 01128—Nickel plated, No. 3 Rochester chimney and wick, without shade, weight 6 lbs., - - - each 5.00

The Juno lamp is equal to 300 candle power, burns 12 hours, has capacity of one gallon. Equipped with oil indicator to prevent overfilling, combined screw and ratchet movement, simple re-wicking device, patent drip.

HALF DOZEN IN A BOX.



Nos. 1114 and 01114.

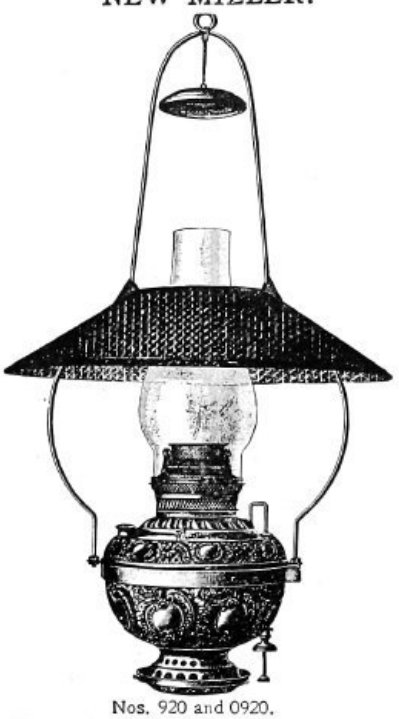


Nos. 1120 and 01120.

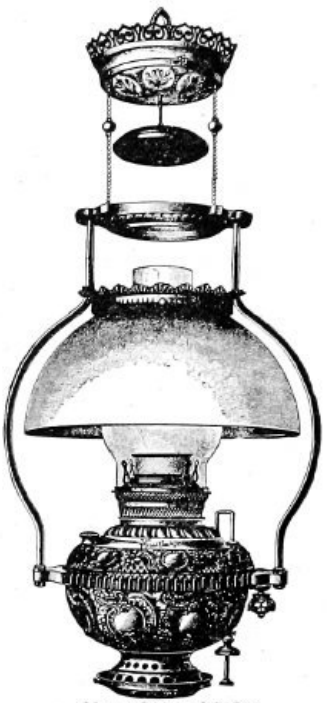
MAMMOTH STORE LAMPS.

NEW MILLER.

Nos. 914 and 0914.



Nos. 920 and 0920.



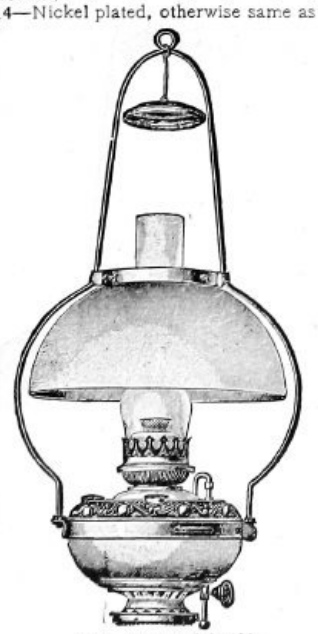
Nos. 1314 and 01314.

No. 3. Central Draft, Embossed Fount.

No. 914—Polished brass, 14 in. white dome shade, No. 3 Rochester chimney and wick, w't 9¼ lbs., - - - - - - - - each $6.50
No. 0914—Nickel plated, 14 in. white dome shade, No. 3 Rochester chimney and wick, w't 9¼ lbs., - - - - - - - - " 7.00
No. 920—Polished brass, 20 in. corrugated tin shade, No. 3 Rochester chimney and wick, w't 7½ lbs., - - - - - - - - " 6.00
No. 0920—Nickel plated, 20 in. corrugated tin shade, No. 3 Rochester chimney and wick, w't 7½ lbs., - - - - - - - - " 6.50
No. 928—Polished brass, *without shade*, No. 3 Rochester chimney and wick, w't 6 lbs., - - - - - - - - - - " 5.50
No. 0928—Nickel plated, *without shade*, No. 3 Rochester chimney and wick, w't 6 lbs., - - - - - - - - - - " 6.00
No. 1314—Polished brass, patent spring extension, length closed 44 in., extended 82 in., 14 in. white dome shade, No. 3 Rochester chimney and wick, w't 15 lbs., - each 9.00
No. 01314—Nickel plated, otherwise same as No. 1314, w't 15 lbs., - " 9.50

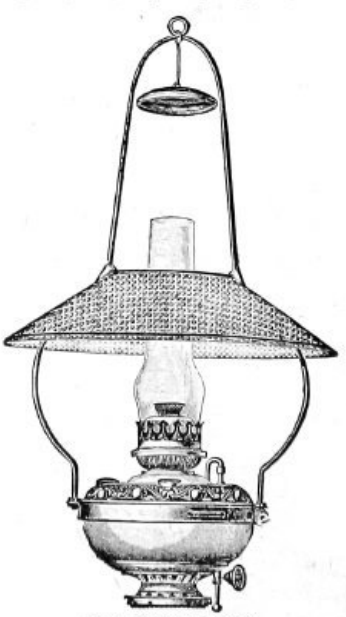
The New Miller lamp is equal to 300 candle power, burns 12 hours, with capacity of one gallon. Has combined screw and ratchet movement, and simple re-wicking device. Gives a clear, steady, brilliant light.

DRESDEN.



Nos. 1400 and 01400.

Showing Bowl.



Nos. 2000 and 0200.

Dresden, Central Draft, Length 33 Inches.

No. 1400—Polished brass, 14 in. white dome shade, No. 00 Belgian chimney and wick, w't 8 lbs., - - - - - - - - - - each $6.00
No. 01400—Nickel plated, 14 in. white dome shade, No. 00 Belgian chimney and wick, w't 8 lbs., - - - - - - - - - - " 6.50
No. 2000—Polished brass, 20 in. corrugated shade, No. 00 Belgian chimney and wick, w't 7 lbs., - - - - - - - - - - " 5.50
No. 0200—Nickel plated brass, 20 in. corrugated tin shade, No. 00 Belgian chimney and wick, w't 7 lbs., - - - - - - - - - - " 6.00
No. 2800—Polished brass, No. 00 Belgian chimney and wick, *without shade*, w't 6¼ lbs., - - - - - - - - - - " 5.00
No. 02800—Nickel plated brass, No. 00 Belgian chimney and wick, *without shade*, w't 6¼ lbs., - - - - - - - - - - " 5.50

The Dresden burner, with a much smaller wick, gives a light equal to No. 3 Mammoth lamp. An exceedingly steady pure white light The fittings of harp and fount are similar to Miller lamps.

HALF DOZEN IN A CASE.

GASOLINE LIGHTING SYSTEMS.

DESCRIPTION OF SYSTEMS.

These systems are most efficient for lighting stores, halls, churches, etc. They are simple in construction and easy to operate. They are not what is known as central generator systems, but the gasoline is conveyed to the lamp by means of very flexible hollow drawn brass wire ($\frac{1}{8}$ inch in diameter) and is converted into gas at the generator.

This hollow wire is so small that it is scarcely noticeable on the ceiling and so flexible that it can be easily bent and carried around obstructions, thus making possible a very neat and tasty appearing job.

The light is started by means of an alcohol torch lighted and applied to the generator (directly over the globe). This vaporizes the gasoline in the generator. After once being lighted the lamp is self-generating.

The gasoline supply tank is constructed of heavy galvanized iron and is very durable. The best quality automobile pump is provided. A few strokes of this large pump is all that is necessary to give sufficient pressure. We also supply best quality pressure gauge. We give a table showing the comparative costs of lighting with different devices.

Cost of Producing 1,200 C. P. Light per Hour.

Electricity, 5 cents; gas (with mantle), 6 cents; kerosene, 18 cents; gasoline, 1 cent.

We guarantee that two of these single arc lamps, on a consumption of $\frac{1}{10}$ gal. of gasoline per hour, will produce 1,200 candle power of light, thus at a cost of 1 cent per hour.

The above figures on electricity and gas are based on what is ordinarily charged by most plants.

These systems are permitted by the National Board of Fire Underwriters which is a guarantee of their safe construction and also insures user of best insurance without extra premium.

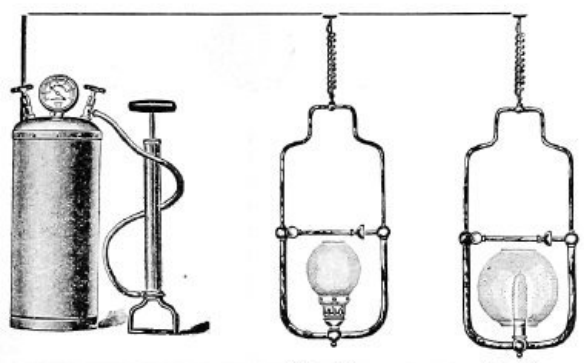
The working of the system is not affected by temperature and tank can be placed outside if desired.

Every system is guaranteed for two years, but they are practically indestructible. Glassware and mantles are of course not included in guarantee.

Each of these systems is assembled complete with all connections brazed ready to be put together.

Prices include tank, gauge, mantles, glassware, pump, wrench, torch etc. In systems carried in stock each lamp is provided with 25 ft. hollow wire tubing. Systems may be made up with any length tubing on shipments direct from factory.

OVERHEAD GENERATOR.



No. 38. No. 40.

Systems.

No. 238—2 light system complete with two No. 38 lamps, 50 feet hollow wire, 4 gallon tank, 22 in. automobile foot pump, w't 38 lbs.....each $32.00

No. 338—3 light system complete with three No. 38 lamps, 75 feet hollow wire tubing, 4 gallon tank, 22 in. automobile foot pump, w't 42 lbs.....each 40.00

No. 438—4 light system complete with four No. 38 lamps, 100 feet hollow wire tubing, 10 gallon tank, 22 in. automobile foot pump, w't 56 lbs.....each 50.00

No. 538—5 light system complete with five No. 38 lamps, 125 feet hollow wire tubing, 10 gallon tank, 22 in. automobile foot pump, w't 65 lbs.....each 58.00

No. 240—2 light system, with No. 40 lamps, otherwise same as No. 238.....each 32.00

No. 340—3 light system with No. 40 lamps, otherwise same as No. 338.....each 40.00

No. 440—4 light system with No. 40 lamps, otherwise same as No. 438.....each 50.00

No. 540—5 light system with No. 40 lamps, otherwise same as No. 538.....each 58.00

Lamps.

No. 38—Oxidized copper finish, opal airhole globe (No. 380), mantle (No. 8) and torch, w't 12 lbs.....each $8.00

No. 40—Oxidized copper finish, clear round globe (No. 433), mantle (No. 8) and torch, w't 12 lbs.....each 8.00

Globes.

No. 380—Opal airhole globes for No. 38 lamps.....each $0.30
No. 433—Clear round globes for No. 40 lamps..... " .50

Hollow Wire.

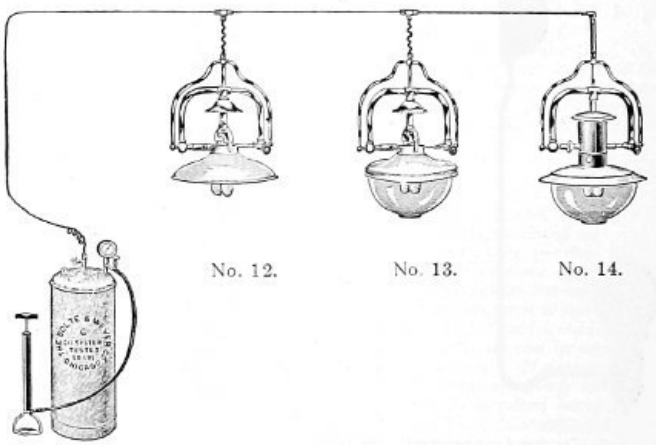
Hollow Wire (with connections)★.....per foot $0.10

Connections.

"T" Connections★.....each $0.40
Straight Connections★..... " .30

★Shipped from factory only.

INVERTED MANTLE, HOLLOW WIRE.



No. 12. No. 13. No. 14.

Systems.

No. 212—2 light systems complete with two No. 12 lamps, 50 ft. hollow wire, 3 gal. tank, automobile foot pump, w't 45 lbs..each $40.00

No. 312—3 light systems complete with three No. 12 lamps, 75 ft. hollow wire, 6 gal. tank, automobile foot pump, w't 58 lbs...each 54.00

No. 412—4 light system complete with four No. 12 lamps, 100 ft. hollow wire, 6 gal. tank, automobile foot pump, w't 65 lbs..each 66.00

No. 512—5 light system complete with five No. 12 lamps, 125 ft. hollow wire, 6 gal. tank, automobile foot pump, w't 75 lbs...each 78.00

No. 213—2 light system complete with two No. 13 lamps, 50 ft. hollow wire, 3 gal. tank, automobile foot pump, w't 45 lbs..each 46.00

No. 313—3 light system complete with three No. 13 lamps, 75 ft. hollow wire, 6 gal. tank, automobile foot pump, w't 58 lbs..each 63.00

No. 413—4 light system complete with four No. 13 lamps, 100 ft. hollow wire, 6 gal. tank, automobile foot pump, w't 65 lbs...each 78.00

No. 513—5 light system complete with five No. 13 lamps, 125 ft. hollow wire, 6 gal. tank, automobile foot pump, w't 75 lbs..each 93.00

Lamps

These lamps generate a brilliant light (800 candle power), and they throw the light directly downward and there are no shadows. They are simple, safe and very satisfactory.

No. 12—Inverted lamp, complete with No. 120 mantle, enameled steel shade, without glass globe, w't 14 lbs.....each $10.50
This lamp has unbreakable enameled steel shade, and is particularly desirable because there is no glassware to break.

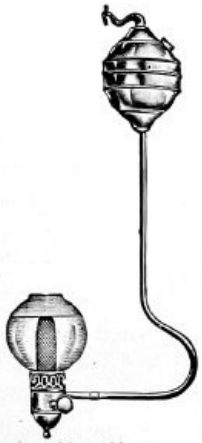
No. 13—Inverted lamp, complete with No. 120 mantle, enameled steel shade, with clear, opal or frosted glass globe, clear sent unless otherwise ordered, w't 16 lbs.....each $13.50
This lamp gives more light and much steadier light than electric arc.

No. 14—Outdoor inverted lamp, complete with No. 120 mantle, enameled steel shade, with clear, opal or frosted glass globe, clear sent unless otherwise ordered, w't 18 lbs.....each $16.50
This is the only successful hollow wire outdoor gasoline lamp made. Will withstand rain, wind and cold weather perfectly.

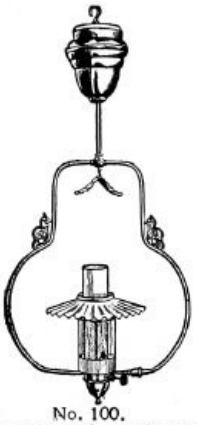
Hollow Wire.

HOLLOW WIRE, with connections.....per foot $0.10

INCANDESCENT VAPOR LAMPS.



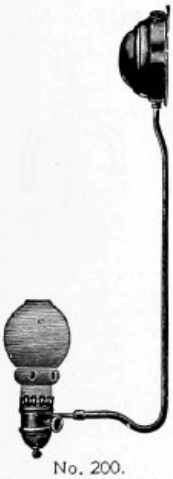
No. 120.



No. 100.

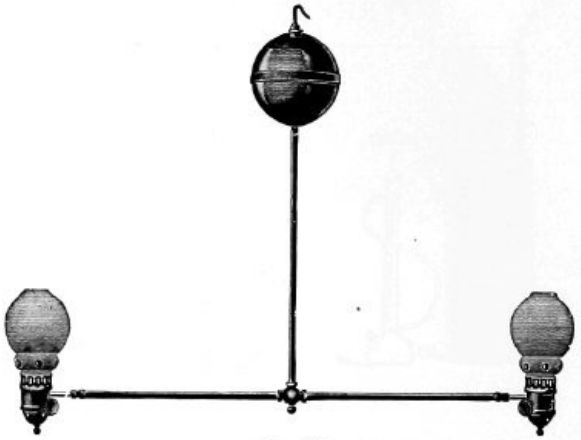
No. 190.

No. 120—Brass, polished and lacquered, complete with chimney and mantle, w't 9 lbs., - - - - - - - - - - - - each $ 4.30
No. 100—Oxidized copper finish, on brass, complete with chimney, mantle and fluted shade, w't 12 lbs., - - - - - - - - " 6.50
No. 190—Oxidized copper finish, on brass, complete with chimneys, mantles and dome shades, w't 14 lbs., - - - - - - - - " 12.00



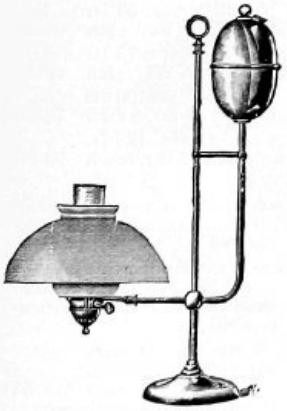
No. 200.

No. 130.



No. 150.

No. 200—Oxidized copper finish, on brass, complete with mantle and air hole globe, w't 10 lbs., - - - - - - - - - - each $4.50
No. 130—Brass, polished and lacquered, complete with mantle and air hole globe,w't 9 lbs., - - - - - - - - - - " 5.00
No. 150—Oxidized copper finish, on brass, complete with mantles and air hole globes, length of drop 26 in., fixture 36 in. apart, w't 14 lbs., - " 8.50



No. 250.

No. 2.

No. 1.

No 250—Nickel plated on brass, complete with chimney, mantle and 10 in. dome shade, w't 20 lbs., - - each $ 6.50
No. 2—Arc, oxidized copper finish on brass; 500 C. P., capacity 1½ qts., burns 12 hours with one filling and pumping, complete with foot pump, mantle and globe, w't 18 lbs., - - - - - - - - - - each 12.00
No. 1—Arc, oxidized copper finish on brass; 700 C. P., capacity 2 qts., burns 15 hours with one filling and pumping, equipped with 14 in. nickel reflector, complete with foot pump, mantle, globe andspring extension, w't 23 lbs., each 18.00
No. 01—Arc, without spring extension, otherwise same as No. 1, w't 21 lbs., - - - - - - - " 16.00

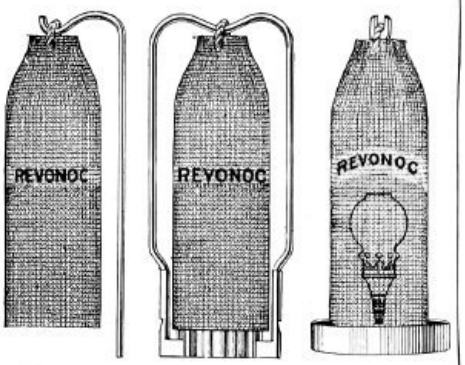
The lamps on this page are simple in construction. Each burner has only one valve and is therefore very easy to operate. Each lamp is guaranteed for a period of one year from date of purchase, mantles and glassware excepted. All insurance companies will issue permits for the use of these lamps without extra premium, because they are approved by the National Board of Fire Underwriters.

We have given shipping weights on the above.

ONE IN A BOX.

INCANDESCENT MANTLES.

"REV-O-NOC"



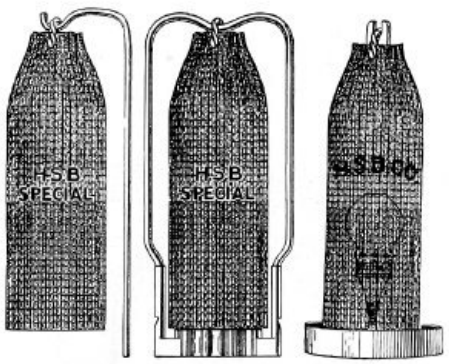
No. 40. No. 41. No. 41½.

No. 40 —"Rev-o-noc" loop mantle with wire hook support.....per dozen $3.00
No. 41 —"Rev-o-noc" cap mantle, mounted on heavy double wire, corrugated cap.....per dozen 3.50
No. 41½—"Rev-o-noc" center rod cap mantle, mounted on extra heavy corrugated cap with collar.....per dozen 4.00

"Rev-o-noc" mantles are highest grade, single stitched mantle it is possible to make. Nos. 41 and 41½ will fit any standard style of incandescent gas burner. On No. 41½ the collar protects the skirt of the mantle and also facilitates the handling of mantle while the center rod prevents shadows and lessens breakage.

IN BOXES OF 12 AND 50 EACH.

H. S. B. & CO.



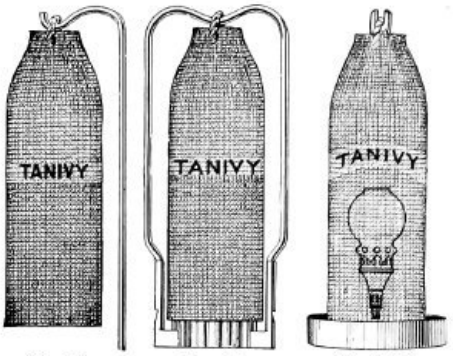
No. 38. No. 39. No. 39½.

No. 38 —H. S. B. & Co. loop mantle with wire hook support.....per dozen $2.65
No. 39 —H. S. B. & Co., cap mantle, mounted on heavy double wire, corrugated cap.....per dozen 3.25
No. 39½—H. S. B. & Co. center rod cap mantle, mounted on extra heavy corrugated cap with collar.....per dozen 3.75

H. S. B. & Co. mantles are double stitched and are preferred by many of the trade. The best thread and chemicals are used in their construction and they are high grade in every particular. Nos. 39 and 39½ will fit any standard style of incandescent gas burner. On No. 39½ the collar protects the skirt of the mantle and also facilitates the handling of the mantle while center rod prevents shadows and lessens breakage.

IN BOXES OF 12 AND 50 EACH.

TANIVY



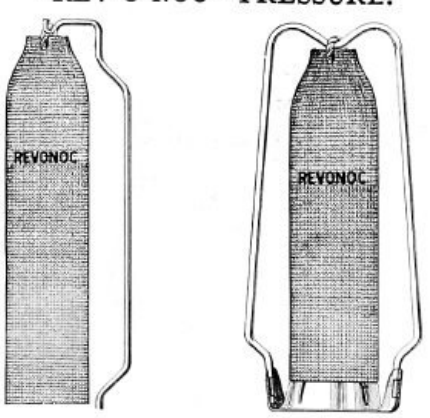
No. 20. No. 21. No. 21½.

No. 20 —Tanivy loop mantle with wire hook support.....per dozen $2.45
No. 21 —Tanivy cap mantle, mounted on heavy double wire, corrugated cap, per dozen..... 3.00
No. 21½—Tanivy center rod cap mantle, mounted on extra heavy corrugated cap with collar.....per dozen 3.30

Tanivy mantles are high grade, medium priced, single stitched mantles. They give good satisfaction. Nos. 21 and 21½ will fit any standard burner. On No. 21½ the collar protects the skirt of the mantle and also facilitates the handling of mantle while the center rod prevents shadows and lessens breakage.

IN BOXES OF 12 AND 50 EACH.

"REV-O-NOC" PRESSURE.



No. 10. No. 11.

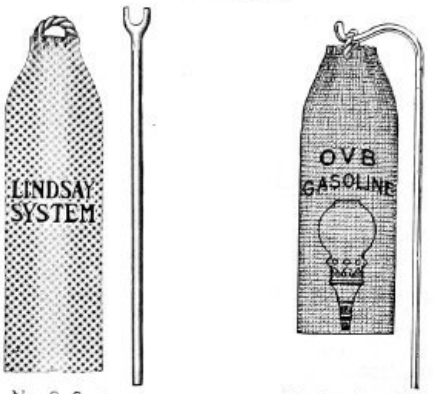
For Overhead Gasoline Pressure Lamps.

No. 10—"Rev-o-noc" pressure loop mantle, 5 in. long, rolled skirt and new form supporting wire of great heat resisting power.....per dozen $3.40
No. 11—"Rev-o-noc" pressure cap mantle, 5 in. long, mounted on adjustable cap, will fit any style gasoline pressure lamp.....per dozen 4.00

These mantles are made of extra heavy thread in heavy solution, especially to withstand strain of use on an overhead generator gasoline pressure lamp. They are highest quality throughout and of great durability.

ONE IN A BOX.

GASOLINE.

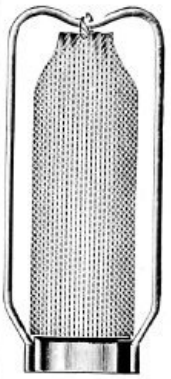


No. 8. System. No. 26. Gravity.

No. 8—Lindsay, 4½ in. long, equipped with wire hook support and magnesia center rod.....per dozen $3.00
No. 26—"Our Very Best" gravity gasoline loop mantle, heavy weave asbestos loop, with wire hook support.per dozen 3.00

This mantle is intended for use on gravity gasoline lamps; the best mantle made for the purpose.

IN BOXES OF 12 AND 50 EACH.

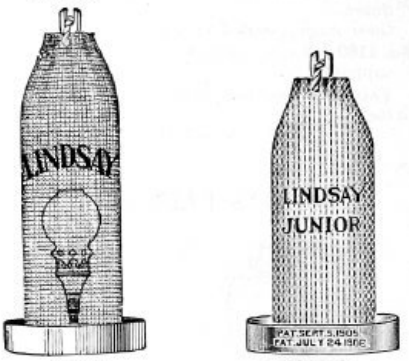


No. 31.

No. 31—"Flyer" cap mantle, mounted on double wire.per doz. $1.80

There is some demand for cheap incandescent mantles and we are prepared to meet it with the "Flyer" which is as reliable a mantle as can be made for the money. It does not bear our name on goods or label. Will fit standard burners except No. 5 Lindsay corrugated burner.

IN BOXES OF 12 AND 50 EACH.



No. 5. No. 50.

No. 5—Lindsay center rod cap mantle, single stitch, mounted on extra heavy corrugated cap and collar...per dozen $3.60

These are high grade mantles and are manufactured especially for No. 5 Lindsay light, but will fit other types of incandescent gas burners.

No. 50—Lindsay Junior, center rod cap mantle, mounted on extra heavy corrugated cap.....per dozen $3.00

This mantle is the same grade as No. 5 Lindsay center rod cap mantle, but is 2½ in. long instead of 3½ in. This mantle fills the demand for a shorter mantle which will use less gas and give a little less candle power.

IN BOXES OF 12 AND 50 EACH.

LAMPS AND MANTLES.

SOFT INVERTED MANTLES.

No. 120.

No. 130.

No. 120—Soft "Tie-on," for inverted gasoline system lamps.....per dozen $1.20

These mantles are soft and pliable. They are tied to a lamp, shaped and then burned. They are made by a different process from regular mantles and are very durable and satisfactory.

ONE DOZEN IN AN ENVELOPE.

No. 130—LINDSAY, soft inverted mantle with magnesia ring, for gas or gasoline systems.....per dozen $1.80

These mantles are similar to No. 120, except they are equipped with magnesia supporting ring and may be used on regular inverted gas burners. Being soft they are easily installed without fear of breakages.

IN BOXES OF 12 AND 50 EACH.

INVERTED MANTLES.

No. 1140.

No. No. 1150.

No. 1140—"REV-O-NOC" inverted mantle, mounted on magnesia support, per dozen..... $3.00

The web of this mantle is of the celebrated cross weave and it assures great strength and high candle power. It is made of highest quality material and fits standard inverted lights.

No. 1150—"TANIVY" inverted mantle, mounted on magnesia support, per dozen..... $2.40

Good grade inverted mantle—triple weave.

No. 1160—MAGIC, mounted on magnesia supports.....per dozen $1.20

This is a good competitive mantle, good value at the price.

IN BOXES OF 12 AND 50 EACH.

GAS LAMPS.

No. 65.

No. 60.

No. 65—"FLYER," complete with needle valve adjustable burner, No. 31 Flyer cap mantle and "Q" opal globe, w't per doz. 16 lbs.....per dozen $6.60

No. 60—CARLTON, complete with adjustable burner, center rod cap mantle and "Q" opal globe, w't per doz. 15 lbs., per dozen..... 10.80

GAS LAMPS.

Lindsay lights are justly celebrated and their continually increasing sale demonstrates the superiority claimed for them by the manufacturers over alleged similar devices. They are easily installed and regulated, they are economical in the burning of gas and give a good white light.

For Natural or Artificial Gas.

No. 5—Lindsay light, height 9¼ in., complete with No. 5 Lindsay adjustable burner, all parts of which are brass and separable, No. 5 Lindsay center rod cap mantle, and No. 14 opal "Q" globe, w't per doz. 18 lbs...per dozen $13.20

ONE IN A BOX, ONE DOZEN IN A CASE.

INVERTED GAS LAMPS.

Lindsay, for Natural or Artificial Gas.

No. 1000—Complete with Lindsay adjustable inverted burner, No. 1140 mantle and closed bottom air hole globe double etched with wreath design, w't per doz. 12½ lbs..per dozen $21.00

No. 1050—With half frosted globe, otherwise same as No. 1000.....per dozen 19.20

Inverted Globes for Above.

No. 1005—Air hole globe, double etched with wreath design, closed bottom, diam. top 3½ in., w't per doz. 2¼ lbs., per dozen..... $ 6.00

No. 1055—Air hole globe, half frosted, closed bottom, diam. top 3½ in., w't per doz. 2¼ lbs.....per dozen 3.85

This style of light is rapidly becoming the standard because it throws the light in a downward or useful direction. Lindsay lights are widely advertised and therefore most readily salable. They are easily adjusted (while lighted) without burning the hands and do not flash back as do many similar lights of other makes.

ONE IN A BOX.

Tanivy, for Artificial or Natural Gas.

No. 550—Complete with Tanivy inverted burner which has adjustable air shutter and adjustable gas regulator, No. 1150 Tanivy inverted mantle and open bottom globe, half frosted, w't per doz. 12½ lbs.....per dozen $14.40

The Tanivy lamp gives a good light, is easily regulated and is economical in the burning of gas and gives in every respect, as good a light as many similar higher priced lamps.

Inverted Globes for Above.

No. 555—Open bottom, half frosted, diam. of top 3½ in., w't per doz. 2¼ lbs.....per dozen 2.50

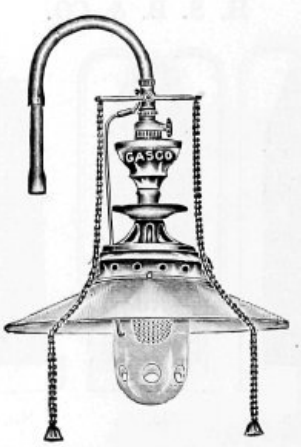
SIX DOZEN IN A CASE.

INVERTED GAS LAMPS.

No. 1—Lindsay Gasco, complete with No. 1140 mantle, burnished brass inverted burner, double etched wreath globe, with goose neck, w't per doz. 30 lbs.....per dozen $25.20

This lamp may be used on either natural or artificial gas and is furnished with attachable extensions for goose neck porcelain mantle holder. This is a high class light in every respect and gives splendid satisfaction.

ONE IN A BOX.



No. 3—Lindsay Gasco, complete with 9 in. opal shade and inverted air-hole cylinder with holder, with bypass, otherwise same as No. 1, w't per doz. 37 lbs.....per dozen $33.00

No. 30—Lindsay Gasco, *without bypass*, otherwise same as No. 3, w't per doz. 38 lbs.....per dozen 27.00

ONE IN A BOX.

Glassware for Above.

No. 33—Clear air-hole inner cylinder 4 in., diam. 2 in.....per dozen $2.40

No. 309—Flat opal shade, diam. 9 in., per dozen..... 5.00

GAS FIXTURE SUNDRIES.

GAS BURNERS.

No. 840—With needle valve adjustment for natural or artifical gas, w't per doz. 1½ lbs.....per dozen $1.50

These burners are intended to be used with air-hole glassware.

ONE DOZEN IN A BOX.

GAS SHADES.

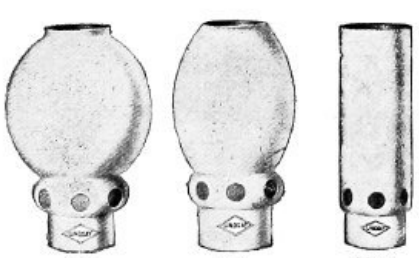
No. 42—Opal shade, fluted, diameter 7⅝ in., w't per doz. 7½ lbs .....per dozen $1.55

Nos. 10 and 105.

No. 10—Opal shade, dome, 10 in. bottom, w't per doz. 13 lbs.....per dozen $3.60
No. 105—Green shade, otherwise same as No. 10 .....per dozen 10.50

NO. 10, EIGHT DOZEN; NO. 105, TWO DOZEN IN A CASE

GAS GLOBES.



Nos. 14 and 15. Nos. 24 and 25. Nos. 198 and 199.

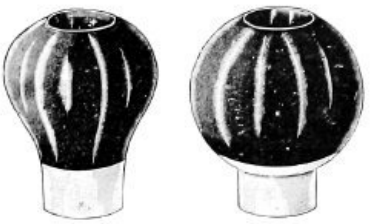
Air Hole Glassware.

No. 14—Opal, "Q," height 6 in., w't per doz. 3 lbs.....per dozen $2.75
No. 15—Clear, "Q," height 6 in., w't per doz. 3 lbs.....per dozen 2.50
No. 24—Opal, "S. C. H.," height 6 in., wt per doz. 3 lbs .....per dozen 2.50
No. 25—Clear, "S. C. H.," height 6 in., w't per doz. 3 lbs .....per dozen 2.10
No. 198—Opal cylinder, height 7 in., w't per doz. 3 lbs.....per dozen $2.65
No. 199—Clear cylinder, height 7 in., w't per doz. 3 lbs.....per dozen 2.00

In corrugated paper tubes.

NOS. 14 AND 15, 8⅓ DOZEN; BALANCE, 6 DOZEN IN A CASE.

GAS GLOBES.



No. 27. No. 28.

No. 27—Lead glass, pear shape, frosted bottom, diameter of bottom 1 13/16 in., diameter of bulb 4 in., height 5 in., w't per doz. 2½ lbs.....per dozen $1.80
No. 28—Lead glass, round apple shape, frosted bottom, diameter of bottom 1 13/16 in., diameter of bulk 4 in., height 5 in., w't per doz. 2½ lbs .....per dozen 1.80

SIX DOZEN IN A CASE.

GAS CHIMNEYS.

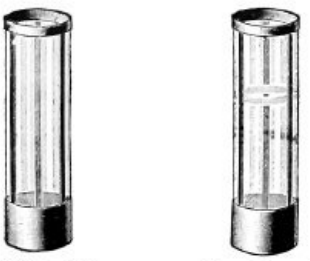
No. 180—Lead glass, height 8 in., outside diameter 1 13/16 in., w't per doz. 3 lbs.....per dozen $1.40

SIX DOZEN IN A CASE.

No. 30—Combination chimney and globe, lead glass, height 7¼ in., 3 in. bottom (outside diameter), 2½ in. top, shaped to support shade, w't per doz. 5 lbs., per dozen..... $1.65

SIX DOZEN IN A CASE.

GAS CHIMNEYS.



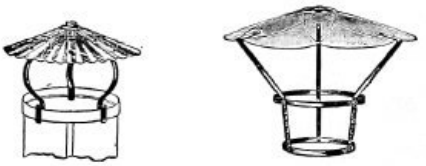
Nos. 360 to 380. Nos. 660 to 680.

Finest Quality Mica, Nickel Collar, at Top and Bottom.

No. 360—3 piece, height 6 in., diam. 1 15/16 in.....per dozen $1.80
No. 370—Height 7 in., otherwise same as No. 360.....per dozen 2.25
No. 380—Height 8 in., otherwise same as No. 360,.....per dozen 2.75
No. 660—6 piece, height 6 in., diam. 1 13/16 in.....per dozen 1.20
No. 670—Height 7 in., otherwise same as No. 660.....per dozen 1.35
No. 680—Height 8 in., otherwise same as No. 660.....per dozen 1.50

ONE DOZEN IN A BOX, W'T ABOUT 1½ LBS.

MICA CANOPIES.



No. 3. No. 5.

No. 3—Tinned frame.....per dozen $0.75
No. 5—Tinned frame..... " " 1.50

No. 5 is for use on "Q" globes.

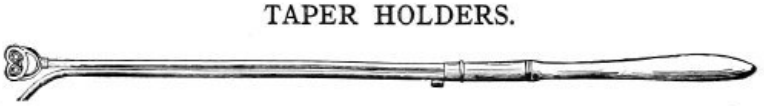
ONE DOZEN IN A BOX.

WAX TAPERS.

No. 108—Second quality, 17 in. long, per dozen boxes..... $0.60
No. 172—First quality, 17 in. long, per dozen boxes..... 1.20
No. 305—Non dripping, extra quality, 17 in. long.....per dozen boxes 1.80

30 IN A BOX, W'T 1⅜ LBS.

TAPER HOLDERS.



No. 357—Medium grade, gas key, wood handle 29 in. long, w't per doz. 4½ lbs.....per dozen $1.20
No. 360—Best grade, gas key, wood handle 29 in. long, w't per doz. 4¾ lbs.,..... " 3.00

LAMP CHIMNEYS.

Sun Bulb Crimp Top.

Sun Bulb Plain Top.

Rochester.

SUN BULB CRIMP TOP.

"Acme" Brand.

No. 100—Size 0, outside diameter of bottom 2 in., of bulb 3¼ in., height 6¾ in., weight per dozen 6½ lbs., - - per dozen $1.50

No. 101—Size 1, outside diameter of bottom 2½ in., of bulb 3⅝ in., height 7½ in., weight per dozen 7 lbs., - - per dozen 1.60

No. 102—Size 2, outside diameter of bottom 3 in., of bulb 4 in., height 8½ in., weight per dozen 10 lbs., per dozen, - - - - 2.00

SIX DOZEN IN A CASE.

SUN BULB CRIMP TOP.

"Royal" Brand.

No. 200—Size 0, outside diameter of bottom 2 in., of bulb 3¼ in., height 6¾ in., weight per dozen 6¾ lbs., - - per dozen $1.10

No. 201—Size 1, outside diameter of bottom 2½ in., of bulb 3⅝ in., height 7½ in., weight per dozen 8¼ lbs., - - per dozen 1.20

No. 202—Size 2, outside diameter of bottom 3 in., of bulb 4 in., height 8½ in., weight per dozen 9 lbs., per dozen, - - - - 1.50

SIX DOZEN IN A CASE.

SUN BULB CRIMP TOP.

Lime Glass.

No. 400—Size 0, outside diameter of bottom 2 in., of bulb 3¼ in., height 6¾ in., weight per dozen 5½ lbs., - - per dozen $0.70

No. 401—Size 1, outside diameter of bottom 2½ in., of bulb 3⅝ in., height 7½ in., weight per dozen 6 lbs., - - per dozen .75

No. 402—Size 2, outside diameter of bottom 3 in., of bulb 4 in., height 8½ in., weight per dozen 9 lbs., per dozen, - - - - 1.00

SIX DOZEN IN A CASE.

SUN BULB PLAIN TOP.

Extra Heavy, "Acme" Brand.

No. 121—Size 1, outside diameter of bottom 2½ in., of bulb 3⅝ in., height 7½ in., weight per dozen 8 lbs., per dozen $2.40

No. 122—Size 2, outside diameter of bottom 3 in., of bulb 4 in., height 8½ in., weight per dozen 11 lbs., per dozen 2.80

SIX DOZEN IN A CASE.

"Acme" Brand.

No. 112—Size 2, outside diameter of bottom 3 in., of bulb 4 in., height 8½ in., weight per dozen 9 lbs., per dozen $2.00

"Royal" Brand.

No. 212—Size 2, outside diameter of bottom 3 in., of bulb 4 in., height 8½ in., weight per dozen 8¼ lbs , per dozen $1.50

SIX DOZEN IN A CASE

ROCHESTER.

"Acme" Brand.

No. 131 —Size 1, outside diameter of bottom 2 in., of bulb 3 in., height 8 in., weight per dozen 8½ lbs., per dozen $2.20

No. 132 Size 2-10 in., outside diameter of bottom 2⅝ in., of bulb 3⅝ in., height 10 in., weight per dozen 9½ lbs., per dozen - - - - - - - - - 2.40

No. 132½—Size 2-12 in., outside diameter of bottom 2⅝ in., of bulb 3½ in., height 12 in., weight per doz. 12 lbs., per dozen, - - - - - - - - 3.20

No. 133 —Size 3, Mammoth, outside diameter of bottom 4 in., of bulb 5⅝ in., height 12 in., weight per dozen 22 lbs., per dozen, - - - - - - - - - 4.40

NOS. 131, 132, 132½ SIX DOZEN IN A CASE. NO. 133 THREE DOZEN IN A CASE

"Royal" Brand.

No. 231—Size 1, outside diameter of bottom 2 in., of bulb 3 in., height 8 in., weight per dozen 6 lbs., per dozen $1.60

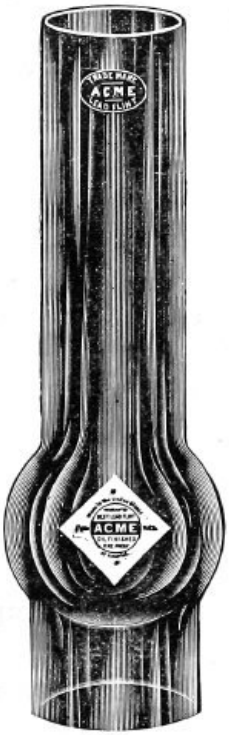
No. 232—Size 2, outside diameter of bottom 2⅝ in., of bulb 3⅝ in., height 10 in., weight per dozen 8¼ lbs., per dozen 1.80

No. 233—Size 3, outside diameter of bottom 4 in., of bulb 5⅝ in., height 12 in , weight per dozen 24 lbs., per dozen 3.20

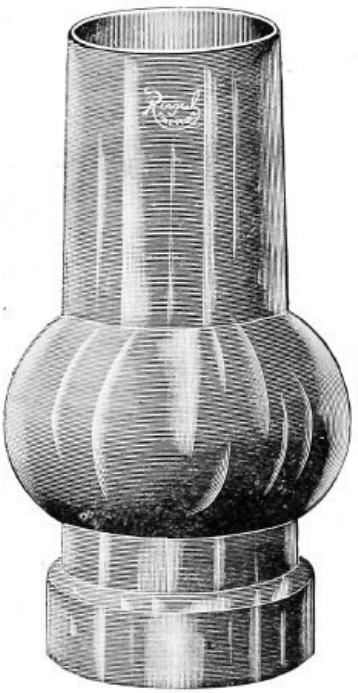
NOS. 231 AND 232 SIX DOZEN IN A CASE. NO. 233 THREE DOZEN IN A CASE

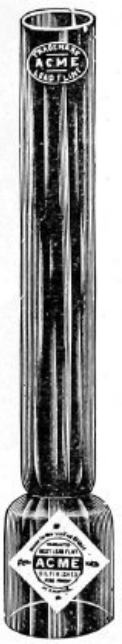
LAMP CHIMNEYS.

Electric.



Belgian.


B. & H.



Student.

ELECTRIC.

"Acme" Brand.

No. 141—Size 1, outside diameter of bottom 2½ in., of bulb 3½ in., height 8¾ in., w't per doz. 8¼ lbs., - - - per dozen $2.20

No. 142—Size 2, outside diameter of bottom 3 in., of bulb 4 in., height 10 in., w't per doz. 10 lbs., - - - - " 2.40

No. 1424—Size 2, slim for globe, outside diameter of bottom 3 in., of bulb 3½ in., height 12 in., w't per doz. 11½ lbs., - " 2.40

"Royal" Brand.

No. 241—Size 1, outside diameter of bottom 2½ in., of bulb 3½ in., height 8¾ in., w't per doz. 7½ lbs., - - - per dozen $1.60

No. 242—Size 2, outside diameter of bottom 3 in., of bulb 4 in., height 10 in., w't per doz. 9 lbs., - - - - " 1.80

SIX DOZEN IN A CASE.

BELGIAN.

No. 00—"ACME," outside diameter of bottom 3 in., of bulb 3½ in., height 12 in., w't per dozen 13 lbs., - - - per dozen $4.00

SIX DOZEN IN A CASE.

B. & H.

No. 253—"ROYAL," size 3 or 89 B. & H., outside diameter of bottom 4½ in., of bulb 6 in., height 11 in., w't per doz. 24 lbs., per dozen $4.40

THREE DOZEN IN A CASE.

STUDENT.

No. 161—"ACME," size 1, outside diameter of bottom 1⅞ in., of top 1⅜ in., height 10½ in., w't per doz. 4½ lbs., - per dozen $1.80

No. 461—"IMPORTED," size 1, outside diameter of bottom 1⅞ in., of top 1⅜ in., height 10½ in., w't per doz. 4 lbs., - " .75

SIX DOZEN IN A CASE.

NUTMEG AND GEM.

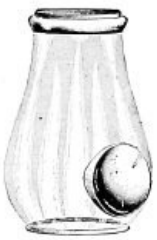
No. 470—NUTMEG, "Imported," outside diameter of bottom 1 in., height 3½ in., - - - - - - - - per dozen $0.40

No. 480—GEM, outside diameter of bottom 1½ in., height 4½ in., - - - - - - - - " .50

GLOBES AND SHADES.

LANTERN GLOBES.

No. 600 Tubular.



No. 602 Bull's Eye.

No. 600—Size No. 0, tubular, common height $6\frac{9}{16}$ in., top $2\frac{13}{16}$ in., bottom $3\frac{7}{16}$ in., w't per doz. 7 lbs., one dozen in a case, 5 dozen in a barrel.....per dozen $1.00

No. 601—Size No. 0, tubular, "Acme," lead glass, height $6\frac{9}{16}$ in., top $2\frac{13}{16}$ in., bottom $3\frac{7}{16}$ in., w't per doz. 9 lbs., 1 dozen in a case, 5 dozen in a barrel, per dozen..... 2.25

No. 602—Size No. 0, tubular, bull's eye, height $6\frac{9}{16}$ in., top $2\frac{13}{16}$ in., bottom $3\frac{7}{16}$ in., w't per doz. 12 lbs., one dozen in a case, 5 dozen in a barrel.....per dozen 2.25

No. 603—Size No. 0, tubular, red, height $6\frac{9}{16}$ in., top $2\frac{13}{16}$ in., bottom $3\frac{7}{16}$ in., w't per doz. 9 lbs., 1 dozen in a case, 5 dozen in a barrel....per dozen 2.50

No. 604—Size No. 0, tubular, solid green, height $6\frac{9}{16}$ in., top $2\frac{13}{16}$ in., bottom $3\frac{7}{16}$ in., w't per doz. 12 lbs., 5 dozen in a barrel.....per dozen 3.00

No. 610—Size No. 1, junior cold blast, crystal, height $5\frac{1}{2}$ in., top $2\frac{9}{16}$ in., bottom $2\frac{3}{4}$ in., w't per doz. 6 lbs., one dozen in a case, 6 dozen in a barrel, per dozen $1.00

Cold Blast.

No. 611—Size No. 2, cold blast, crystal, height $6\frac{3}{4}$ in., top $2\frac{9}{16}$ in., bottom $3\frac{1}{8}$ in., w't per doz. 9 lbs., one dozen in a case, $4\frac{1}{2}$ dozen in a barrel, per dozen..... $1.00

No. 612—Size No. 2, cold blast, bulls' eye, height $6\frac{3}{4}$ in., top $2\frac{9}{16}$ in., bottom $3\frac{1}{8}$ in., w't per doz. 12 lbs., one dozen in a case, $4\frac{1}{2}$ dozen in a barrel...per dozen 2.50

No. 613—Size No. 2, cold blast, red, height $6\frac{3}{4}$ in., top $2\frac{9}{16}$ in., bottom $3\frac{1}{8}$ in., w't per doz. 9 lbs., one dozen in a case, $4\frac{1}{2}$ dozen in a barrel...per dozen 2.50

No. 620—Size No. 1, tubular, height $7\frac{1}{16}$ in., top $2\frac{13}{16}$ in., bottom $3\frac{5}{8}$ in., w't per doz. 9 lbs., $4\frac{1}{2}$ dozen in a barrel, per dozen..... $1.50

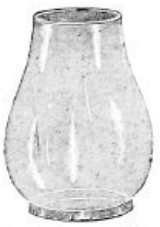
Tubular

No. 621—Size No. 2, tubular, height 9 in., top $4\frac{5}{16}$ in., bottom 5 in., w't per doz. 18 lbs., $1\frac{1}{3}$ dozen in a barrel..per dozen 5.00

No. 622—Size No. 3, tubular, height $10\frac{3}{4}$ in., top $5\frac{3}{4}$ in., bottom 6 in., w't per doz. 45 lbs., $\frac{2}{3}$ dozen in a barrel, per dozen..... $7.50

LANTERN GLOBES.

No. 630—Size No. 39, railroad, crystal, heavy selected, height $5\frac{7}{16}$ in., top $2\frac{5}{8}$ in., bottom $3\frac{5}{16}$ in., w't per doz. 9 lbs., 5 dozen in a barrel....per dozen $2.00



Nos. 630 to $630\frac{1}{2}$.

No. $630\frac{1}{2}$—Size No. 39, railroad, heavy lead, selected, height $5\frac{7}{16}$ in., top $2\frac{5}{8}$ in., bottom $3\frac{5}{16}$ in., w't per dozen 11 lbs., 5 dozen in a barrel, per dozen..... 3.00

No. 631—Size No. 39, railroad, red, flint, height $5\frac{7}{16}$ in., top $2\frac{5}{8}$ in., bottom $3\frac{5}{16}$ in., w't per doz. 9 lbs., 5 dozen in a barrel.....per dozen 3.00

No. $631\frac{1}{2}$—Size No. 39, railroad, *solid ruby*, flint, height $5\frac{7}{16}$ in., top $2\frac{5}{8}$ in., bottom $3\frac{5}{16}$ in., w't per doz. 12 lbs., 5 dozen in a barrel.....per dozen 10.00

No. 632—Size No. 39, railroad, green, flint, height $5\frac{7}{16}$ in., top $2\frac{5}{8}$ in., bottom $3\frac{5}{16}$ in., w't per doz. 12 lbs., 5 dozen in a barrel.....per dozen 9.00

No. 2030—Pullman, crystal, flint, height $4\frac{3}{4}$ in., top $2\frac{1}{4}$ in., bottom $2\frac{1}{2}$ in., w't per doz. 6 lbs., 5 dozen in a barrel., per dozen..... $6.00

Nos. 2030 to 2032.

No. 2031—Pullman, half ruby, flint, height $4\frac{3}{4}$ in., top $2\frac{1}{4}$ in., bottom $2\frac{1}{2}$ in., w't per doz. 6 lbs. 5 dozen in a barrel. per dozen..... 36.00

No. 2032—Pullman, half green, flint, height $4\frac{3}{4}$ in., top $2\frac{1}{4}$ in., bottom $2\frac{1}{2}$ in., w't per doz. 6 lbs., 5 dozen in a barrel.....per dozen 36.00

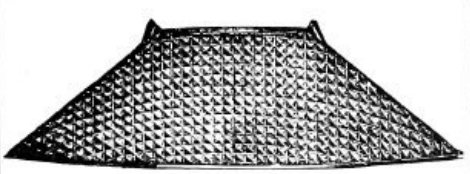
No. 211.

No. 16.

No. 211—U. S., tubular, height $5\frac{1}{2}$ in., top $2\frac{5}{16}$ in., bottom $2\frac{13}{16}$ in., w't per doz. 6 lbs., 8 dozen in a barrel....per dozen $1.00

No. 16—Cadet or Klondike lantern, crystal, height 4 in., bottom $1\frac{7}{8}$ in., top $1\frac{1}{2}$ in., w't per doz. 3 lbs., 25 dozen in a barrel.....per dozen .75

TIN LAMP SHADES.



No. 20—20 in., corrugated tin, painted outside, w't per doz. 12 lbs...per dozen $4.00

No. 28—20 in. bottom, 6 in. top, height 4 in., painted green outside, enameled white inside, no crown, w't per doz. 15 lbs.....per dozen $5.00

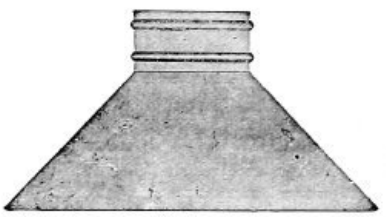
ONE DOZEN IN A BOX.

PORCELAIN LAMP SHADES.

No. 703—7 in., Vienna, wide neck, *opal*, height $5\frac{1}{2}$ in., top $4\frac{1}{2}$ in., bottom 7 in., w't per doz. 6 lbs.....per dozen $2.50

No. 80—7 in., Vienna, *green outside*, height 5 in., top $3\frac{11}{16}$ in., bottom 7 in., w't per doz. 9 lbs.....per dozen 7.50

SIX DOZEN IN A CASE.



No. 1059—10 in., ring neck cone, *opal*, height $5\frac{1}{2}$ in., top $3\frac{1}{8}$ in., bottom 10 in., w't per doz. 12 lbs.....per dozen $6.00

SIX DOZEN IN A CASE.

No. 1001—Ring neck, opal dome, diameter of bottom 10 in., top $3\frac{1}{4}$ in., height 6 in., w't per doz. 14 lbs....per dozen $6.00

SIX DOZEN IN A CASE.

No. 1402—Plain opal dome, diameter of bottom 14 in., top 6 in., height $6\frac{1}{4}$ in., w't per doz. 27 lbs.....per dozen $9.00

ONE DOZEN IN A BARREL.

PAPER LAMP SHADES.

No. 1062—11 in., paper, plain print, assorted colors, w't per doz. 1 lb., per dozen..... $1.50

SIX DOZEN IN A PACKAGE.

LAMP SUNDRIES.

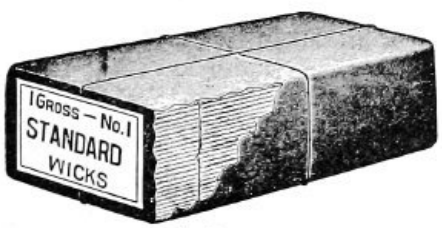
LAMP WICKS.

Cotton Ball.

No. 5—Medium quality yarn, for burning or high grade packing purposes, per pound..... $0.25

No. 10—SEARCHLIGHT, fine yarn or thread wick, of finest quality, for miner's lamps, per pound..... .50

5 LBS. IN A PACKAGE.



Flat Cotton.

No. 0— ¾ in., cut, 8 in. long..per gross $0.60
No. 1— ⅝ in., cut, 8 in. long.. " .75
No. 2—1 in., cut, 8 in. long.. " 1.10
No. 3—1½ in., cut, 8 in. long.. " 1.75

ONE GROSS IN A PACKAGE.

Circular Cotton.

No. 1—STUDENT.....per gross $1.10
No. 1—ROCHESTER, 6 in. long. " 3.75
No. 2—ROCHESTER, or B. & H., 6 in. long.....per gross 5.25
No. 3—ROCHESTER, 8½ in. long, per gross..... 18.00
No. 00—BELGIAN, 9 in. long....per gross 13.50
No. 2—MILLER'S, split wicks, adapted for Miller lamps, 7½ in. long..per gross 9.00
No. 3—MILLER'S, split wicks, adapted for Miller lamps, 8½ in. long.....per gross 22.25

ONE DOZEN IN A PACKAGE.

Flat Cotton Stove.

3 in., 8 in. long.....per gross $3.50
3½ in., 8 in. long..... " 4.25
4 in., 8 in. long..... " 4.75

Circular Cotton Stove.

8 in., single thick, 8 in. long, per gross $12.00
10 in., single thick, 8 in. long " 15.50
12 in., single thick, 8 in. long " 18.00
15 in., single thick, 8 in. long " 19.75
10 in., double thick, B. & B., 7 in. long per gross..... 18.50
15 in., double thick, 7½ in. long, per gross..... 35.00
10½ in., standard blue flame, 5 in. long, per gross..... 15.00

ONE DOZEN IN A PACKAGE.

LAMP BURNERS.

No. 2—SUN HINGE, fits No. 2 collar, takes 1 in. wick, per dozen.....$2.50

No. 3—SUN HINGE, fits No. 3 collar, takes 1½ in. wick.....per dozen 6.00

ONE DOZEN IN A BOX. 50 DOZEN IN A CASE.

LAMP BURNERS.

No. 151—Combination, fits No. 1 collar, takes ⅝ in. wick.....per dozen $0.70
No. 152—Combination, fits No. 2 collar, takes 1 in. wick.....per dozen 1.00

This burner is intended to supply the demand for a cheaper burner than those shown below. It is similar in appearance to the Premier but made of cold rolled steel, brass plated with the exception of the cone, which is brass.

No. 101—PREMIER, fits No. 1 collar, takes ⅝ in. wick.....per dozen $0.80
No. 102—PREMIER, fits No. 2 collar, takes 1 in. wick.....per dozen 1.10

This burner is made of brass with the exception of the chimney guides and ratchet shaft, which are cold rolled steel, brass plated. This burner has been on the market many years and has given satisfaction. More of them are now sold than of any other make.

ONE DOZEN IN A BOX. 50 DOZEN IN A CASE.

No. 0—BANNER, fits No. 0 collar, takes ⅜ in. wick.....per dozen $0.95
No. 1—BANNER, fits No. 1 collar, takes ⅝ in. wick.....per dozen 1.00
No. 2—BANNER, fits No. 2 collar, takes 1 in. wick.....per dozen 1.30

These are well made, all brass burners. They are strong, carefully assembled, symmetrical in appearance and give a large white light. These burners are big sellers.

ONE DOZEN IN A BOX. 50 DOZEN IN A CASE.

No. 41—VENUS, fits No. 1 collar, takes ⅝ in. wick.....per dozen $1.60
No. 42—VENUS, fits No. 2 collar, takes 1 in. wick.....per dozen 2.00

These burners are extra heavy gauge, all brass and thoroughly well made. The body braces and heavy chimney guides are securely riveted to the deck of the burner, thereby making them strong and durable.

ONE DOZEN IN A BOX. 50 DOZEN IN A CASE.

LAMP BURNERS

No. 123—REGAL, fits No. 2 or 3 collar, takes 1½ in. wick.....per dozen $1.75

Regal burners are intended for use on lamps with No. 3 collars, but they also may be used on No. 2, as each burner is made with two seperate threads.

No. 23—PILOT, fits Nos. 2 or 3 collar, takes 1½ in. wick.....per dozen $2.50

The Pilot is heavier than the Regal, but otherwise is similar.

ONE DOZEN IN A BOX. 25 DOZEN IN A CASE

LANTERN BURNERS.

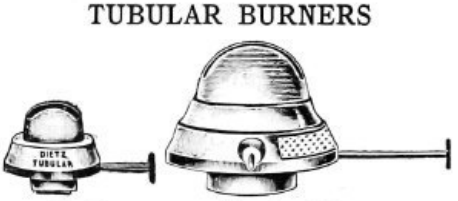
Ratchet Oil Burner.

Convex.

No. 1—Lard oil ratchet, 1¾ in. shaft, takes ⅝ in. wick.....per dozen $0.75
No. 1—CONVEX, takes ⅝ in. wick, fits No. 1 collar (for burning kerosene oil in R. R. lanterns).....per dozen .90

ONE DOZEN IN A BOX.

TUBULAR BURNERS



No. 0. Nos. 2 and 3.

No. 0—Tubular, takes ⅝ in. wick, for No. 0 tubular lantern. ....per dozen $1.00
No. 2—Tubular, takes 1 in. wick, for No. 2 cold blast lanterns. ...per dozen 1.88
No. 3—Tubular, takes 1½ in. wick, for tubular street lamps.....per dozen 4.75

ONE DOZEN IN A BOX. NO. 0, 50 DOZEN; NOS. 2 AND 3, 25 DOZEN IN A CASE.

No. 2—"OUR VERY BEST," takes 1 in. wick, heavy brass, extra large ratchet wheel, notched for "O.V.B." cold blast lanterns.....per dozen $2.00

ONE DOZEN IN A BOX. 25 DOZEN IN A CASE.

BRASS LAMP COLLARS.

No. 1—Inside diameter ⅞ in., made to fit No. 1 burner.....per dozen $0.15
No. 2—Inside diameter $1\frac{7}{16}$ inch, made to fit No. 2 burner.....per dozen .25
No. 3—Inside diameter $1\frac{13}{16}$ inch, made to fit No. 3 burner.....per dozen .50

REFLECTORS AND GAUGE GLASSES.

GLASS REFLECTORS.

No. 12—5 in., silvered glass, flat back, for No. 215 lanterns, w't per doz. 3 lbs., 8 dozen in a barrel, per dozen..... $4.25

No. 13—8 in., silvered glass, w't per doz. 6 lbs., one dozen in a box, 3 dozen in a barrel, per dozen..... 7.00

No. 14—9 in., silvered glass, w't per doz. 9 lbs., one dozen in a box, 2½ dozen in a barrel.....per dozen $8.00

No. 16—10 in., silvered glass, w't per doz. 12 lbs., one dozen in a box, 2 dozen in a barrel.....per dozen 9.25

GAUGE GLASSES.

Best Imported Genuine Moncrieff Scotch Glass.

Length, Inches Less than	10	10	11	12
½ in. diam. per dozen	$	3.00		3.60
⅝ in. diam. "	3.00	3.00	3.24	3.60
¾ in. diam. "	3.60	3.60	3.96	4.32
Length, Inches		**13**	**14**	**15**
⅝ in. diam. .....per dozen		$3.84	4.20	4.44
¾ in. diam. ..... "		4.80	5.16	5.52
Length, Inches...	**16**	**17**	**18**	**19**
⅝ in. diam. per dozen	$4.80	5.04	5.40	5.64
¾ in. diam. "	5.88	6.24	6.60	7.08
Length, Inches...		**20**	**22**	**24**
⅝ in. diam. .....per dozen		$6.00	6.60	7.20
¾ in. diam. ..... "		7.44	8.16	8.88

HALF DOZEN IN A PACKAGE.

LUBRICATING GLASSES.

Length, Inches.....	**2½**	**3**	**4**
⅝ in. diam. .....per dozen	$3.00	3.00	3.00
¾ in. diam. ..... "	3.60	3.60	3.60
Length, Inches.....		**5**	**6**
⅝ in. diam. .....per dozen		$3.00	3.00
¾ in. diam. ..... "		3.60	3.60

The diameters given on the above are outside measurements.

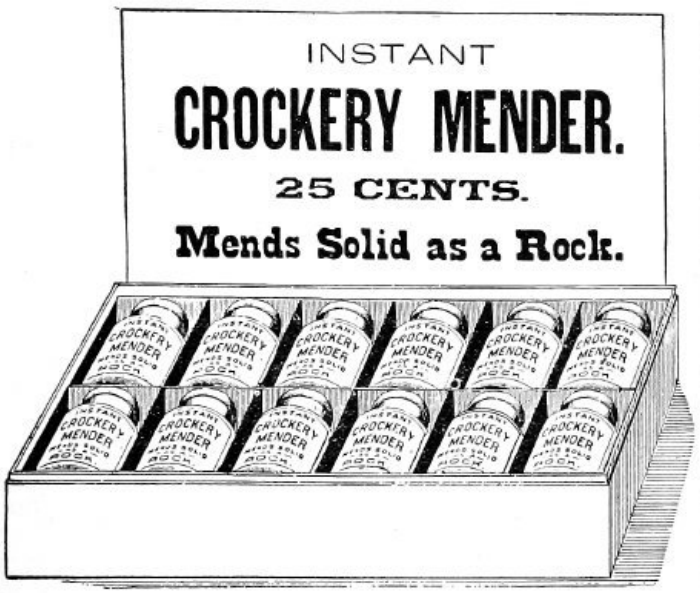
RUBBER GAUGE GASKETS.

Diameter, ⅝ and ¾ in.....per gross $1.80

GAUGE GLASS CUTTERS.

No. 10—Steel, nickel plated, length 8 in., diameter 3/16 in., adjustable slide with set screw, steel cutting wheel, w't per doz. 3 lbs.....per dozen $4.80

CROCKERY CEMENT.



No. 1 Assortment—INSTANT crockery mender, contains one dozen bottles, w't per doz. boxes 7½ lbs., per assortment $3.00

No. 2 Assortment—INSTANT crockery mender, contains three dozen bottles, and display stand holding one dozen bottles and a Swiss clock, w't 15 lbs., - - per assortment 10.00

Mends everything. We warrant it to be the best article made for the purpose.

TINWARE MENDERS.

Will Mend Tin, Copper and Enameled Ware.

No. 10—UNIVERSAL, consisting of 3 strips of self-fluxing solder, sand paper and directions in paper package, w't per doz. 1 lb., - - - - - - - per dozen $1.60

A self-fluxing solder, containing a flux so that no acid or resin is necessary to make the solder flow. The flux is non-corrosive and does not contain any poisonous matter. The solder is made in wire form, easy to handle and apply. Most every form of household utensil in tin, copper or granite ware can be easily soldered or mended without the use of any soldering iron. All that is necessary is to heat the article over a kerosene lamp, gas jet, or tallow candle, and touch the solder to the part to be soldered, when it will flow and close the hole or crack.

To mend enameled ware, scrape off the enamel around the part to be mended, before applying the solder.

ONE DOZEN IN A BOX.

MINERS' LAMPS.

No. 5.

Nos. 2 and 3.

Nos. 12 and 13.

No. 5—Brass screw top, miners', weight per gross 24 lbs., - - - - - - - - - - - - per gross $19.00
No. 2—SCRANTON, hinge top, single hook, medium spout, weight per gross 18 lbs., - - - - - - - " 20.00
No. 3—SCRANTON, hinge top, single hook, large spout, weight per gross 20 lbs., - - - - - - - " 20.50
No. 12—SCRANTON, hinge top, double hook, medium spout, weight per gross 24 lbs., - - - - - - - " 21.50
No. 13—SCRANTON, hinge top, double hook, large spout, weight per gross 24 lbs., - - - - - - - " 22.00

NO. 5, ONE DOZEN; BALANCE, TWO DOZEN IN A BOX.

Nos. 9 and 19.

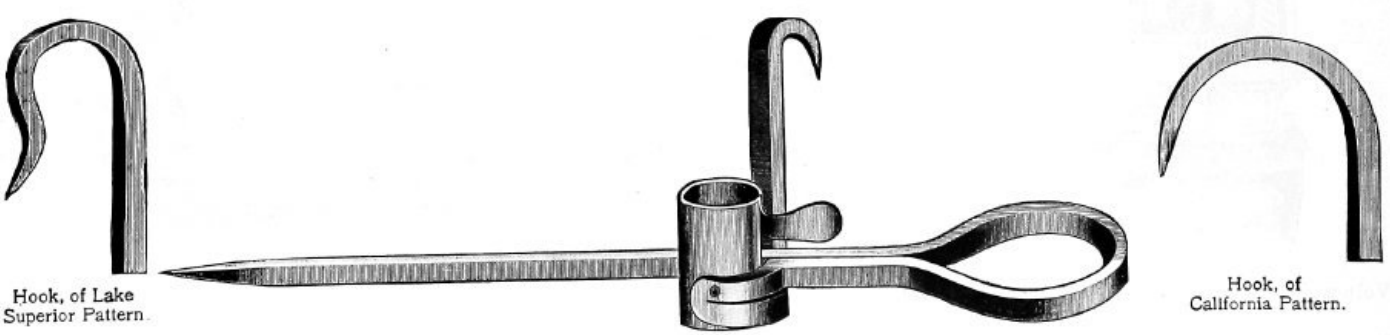
Nos. 17 and 27.

Nos. 18 and 28.

No. 9—FROSTBURG, *miners'*, weight per gross 20 lbs., - - - - - - - - - - - - per gross $16.00
No. 19—FROSTBURG, *drivers'*, weight per gross 24 lbs., - - - - - - - - - - - " 20.00
No. 17—MONONGAHELA, *miners'*, weight per gross 20 lbs., - - - - - - - - - - - " 16.00
No. 27—MONONGAHELA, *drivers'*, weight per gross 24 lbs., - - - - - - - - - - - " 20.00
No. 18—ANTON'S STAR, *miners'*, weight per gross 24 lbs., - - - - - - - - - - - " 32.00
No. 28—ANTON'S STAR, *drivers'*, weight per gross 24 lbs., - - - - - - - - - - - " 40.00
No. 018—STAR, *miners'*, weight per gross 21 lbs., - - - - - - - - - - - - - " 21.50
No. 028—STAR, *drivers'*, weight per gross 24 lbs., - - - - - - - - - - - - - " 27.00

ONE DOZEN IN A BOX.

MINERS' CANDLESTICKS.



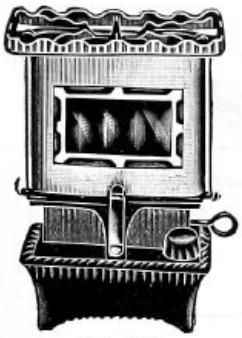
Hook, of Lake Superior Pattern.

Hook, of California Pattern.

No. 12—Lake Superior pattern, with hook for hat, length 10 in., weight per dozen 3 lbs., - - - - - - per dozen $6.00
No. 10—California pattern, with hook for boards or rocks, length 10 in., weight per dozen 3 lbs., - - - - " 6.00

TWO DOZEN IN A BOX.

LAMP STOVES.



No. 100.

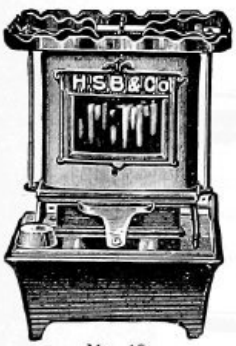
No. 200.

No. 300.

Daisy, Cast Iron Fount, 4 Inch Brass One Piece Double Seamed Wick Tubes (Not Soldered), Japanned Base, Hinged Top, Nickel Plated Ornaments.

No. 100—Height 8½ in., fount 3½×5½ in., weight per dozen 50 lbs., - - - - - - - - - per dozen $ 8.00
No. 200—Height 8½ in., fount 5½×5¾ in., weight per dozen 80 lbs., - - - - - - - - - " 16.00
No. 300—Height 8½ in., fount 5½×8½ in., weight per dozen 120 lbs., - - - - - - - - - " 24.00

NOS. 100 AND 200, HALF DOZEN; NO. 300, ONE-QUARTER DOZEN IN A CASE.



No. 10.

No. 20.

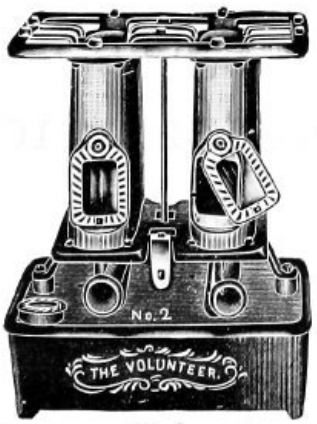
No. 30.

H. S. B. & Co's Large Cast Iron Fount, 4 Inch Brass One Piece Double Seamed Wick Tubes (Not Soldered), Japanned Base, Hinged, Nickel Plated Top with Polished Edges, Nickel Plated Ornaments.

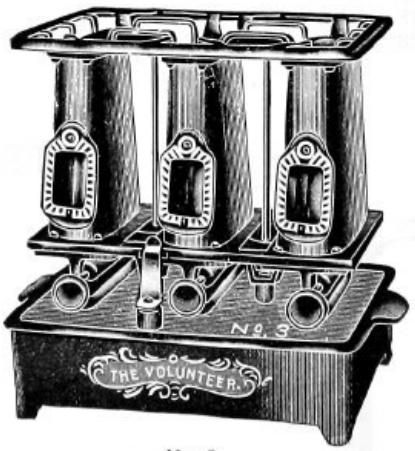
No. 10—Height 9¾ in., fount 4×6 in., weight per dozen 60 lbs., - - - - - - - - - per dozen $10.00
No. 20—Height 9¾ in., fount 6×7½ in., weight per dozen 110 lbs., - - - - - - - - - " 20.00
No. 30—Height 9¾ in., fount 6×9½ in., weight per dozen 160 lbs., - - - - - - - - - " 30.00

NO. 10, HALF DOZEN; NOS. 20 AND 30, ONE-QUARTER DOZEN IN A CASE.

No. 1.



No. 2.



No. 3.

Volunteer, Extra Large Cast Iron Fount, 4 Inch Brass One Piece Double Seamed Wick Tubes (Not Soldered), Japanned Base, Hinged, Nickel Plated Top with Polished Edges, Nickel Plated Ornaments.

No. 1—Height 10¼ in., fount 5× 7 in., weight per dozen 80 lbs., - - - - - - - - - per dozen $12.00
No. 2—Height 10¼ in., fount 7× 8½ in., weight per dozen 140 lbs., - - - - - - - - - " 24.00
No. 3—Height 10¼ in., fount 8×12 in., weight per dozen 220 lbs., - - - - - - - - - " 36.00

NO. 1, HALF DOZEN; NOS. 2 AND 3, ONE-QUARTER DOZEN IN A CASE.

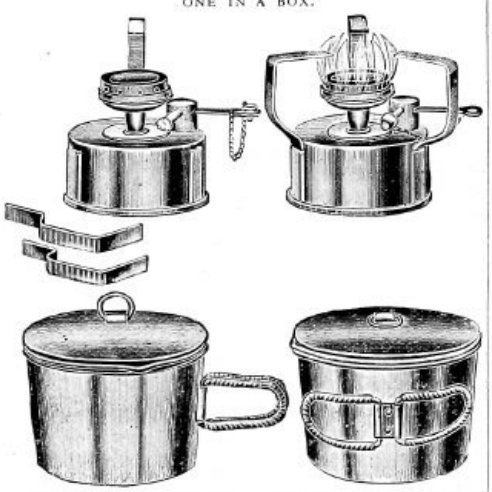
ALCOHOL AND GAS STOVES, TUBING AND HOSE COCKS.

GLOGAU'S ALCOHOL STOVES.

No. 75—Nickel plated brass body and bottom, nickel plated steel frame, w't per doz. 7 lbs.....per dozen $12.00

For travelers, sick room, camp, chafing dish; manufactures its own gas by first vaporizing the alcohol, produces more heat than any other style of alcohol stove, and consumes only one-eighth the usual amount of fuel; absolutely safe—explosions cannot occur; wick is invisible and never requires renewal. It is smokeless, odorless, and forms no soot; burns as steadily as a regular gas stove; can support a vessel weighing 100 lbs.; capacity of reservoir 7 oz., making it unnecessary to refill every time the stove is lighted; does not get out of order and is easily operated. Either wood or grain alcohol can be used, although to obtain the best results from any alcohol stove the best spirits procurable should be used.

ONE IN A BOX.

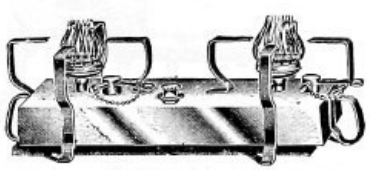


Showing handles open. Showing handles closed against the boiler.

No. 175—Knock down style, the legs being removable as shown in cut, so as to pack inside of a tin boiler, otherwise same as No. 75, w't complete with boiler 14 lbs. per doz.....per dozen $14.00

No. 175A—With aluminum boiler, otherwise same as No. 175.....per dozen 25.50

ONE IN A BOX.



No. 275—2 burner, length 14 in., width 7 in., capacity 1 qt., nickel plated brass body and bottom, nickel plated steel frame, w't per doz. 30 lbs., per dozen..... $36.00

This stove, with both burners in use, will burn about two to five hours. With one burner will boil a quart of water in nine minutes.

ONE IN A BOX.

GLOGAU'S ALCOHOL STOVES.

No. 375J—1 burner, japanned finish, 1 pint brass fount, brass burner and tubes, height 10½ in., diam. of top 7 in., w't 4½ lbs.....each $3.50

No. 375N—Nickel plated finish, otherwise same as No. 375J, w't 4½ lbs., each.....5.00

Burns about 1⅔ hours with one filling. Will boil a quart of water at 60° Fahrenheit in about six or seven minutes.

ONE IN A BOX.

No. 475J—2 burners, japanned finish, 2½ pint brass fount, brass burners and tubes, height 11½ in., width of top 14 in., w't 9 lbs.....each $6.50

No. 475N—Nickel plated finish, otherwise same as No. 475J, w't 9 lbs.....each 8.50

Burns about 1⅝ hours with one filling, with both burners open. Each burner has the same power as the single burner on No. 375J.

These alcohol-gas stoves are superior to other similar stoves in point of efficiency. They are easy to regulate, the flame is blue, and one of its features is that the entire stove can be quickly taken apart and cleaned.

Either wood or grain alcohol can be used.

ONE IN A BOX.

GAS STOVES.

No. 600—VESUVIUS, to attach to gas burner, w't per doz. 4 lbs., per dozen..... $2.50

ONE IN A BOX.

ALCOHOL STOVES.

No. 1020—MAYFLOWER, alcohol, brass, diameter 3 in., folding, w't per doz. 2 lbs., per dozen.....$3.50

This stove is brass and should not be confounded with the cheap lacquered tin imitations on the market.

ONE IN A BOX.

ALCOHOL STOVES.

No. 890—HOUCHIN'S, alcohol, tin cup or case, diameter 4 in., with frame and plate, folding, w't per doz. 10 lbs., per dozen..... $7.50

ONE IN A BOX.

GAS STOVE TUBING.

No. 38—⅜ in., rubber, fancy braided cover, assorted colors, nickel plated ferrules, soft rubber ends, outside diameter ⅝ in., lengths 2, 3, 4, 5, 6, 7, 8, 10 and 12 ft.....per foot $0.06

No. 39—⅜ in., double dipped rubber, cotton web cover, mixed and assorted colors, red rubber tips, tin ferrules, outside diam. ½ in., lengths 3, 4, 5, 6, 7, 8, 9 ft.....per foot .10

APPROXIMATE WEIGHT 8 LBS. PER 100 FT.

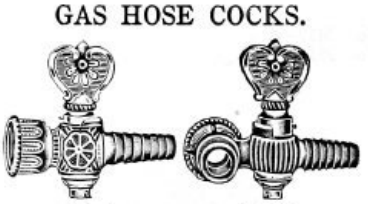
"O. V. B." RED C. I. GAS TUBING.

No. 40—⅜ in., 3 ply, red cloth insertion with black inner tube, w't per 100 ft. 16 lbs.....per foot $0.10

Manufactured of special material adapted for gas.

50 FT. IN A BOX.

GAS HOSE COCKS.



No. 1. No. 2.

No. 1—⅜ in., straight, cast brass, w't per doz. 3 lbs.....per dozen $4.90

No. 11—½ in., otherwise same as No. 1, per dozen..... 6.25

No. 21—¾ in., otherwise same as No. 1, per dozen..... 9.00

No. 2—⅜ in., independent, cast brass, w't per doz. 4 lbs.....per dozen 6.50

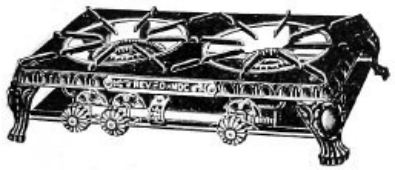
No. 12—½ in., otherwise same as No. 2, per dozen..... 7.75

The size given is the inside diameter of gas pipe for which these cocks are intended. The straight cock is for use where only a connection to the stove is desired. The independent cock permits the use of a gas lighting fixture to the same pipe. Ordinary gas hose will fasten securely.

GAS HOT PLATES.

FOR EITHER ARTIFICIAL OR NATURAL GAS.

"REV-O-NOC."



Description—Made of the best grey iron, free from flaws, and smoothly cast.

Burners are large machine sawed, and conceded to be the most economical burner made. Each plate has *one large burner* of double capacity, having an outside burner ring controlled by separate valve.

Valves—Has wheel valves, adjustable air mixer and needle points, giving perfect flow of gas and proper air mixture.

Tray—Has a full sized japanned, removable tray under burners, to catch greese and dirt.

Finish—Furnished either plain or nickel.

Plain Iron (Sawed Burners.)

	BURNERS.	SIZE OF TOP.	W'GT.	EACH.
No. R2—1	single, 1 double	13×22½×5½ in.	36 lbs.	$5.70
No. R3—2	single, 1 double	13×32½×5½ in.	50 lbs.	7.90

Full Nickel Plated (Sawed Burners.)

	BURNERS.	SIZE OF TOP.	W'GT.	EACH.
No. R20—1	single, 1 double	13×23½×5½ in.	36 lbs.	$6.84
No. R30—2	single, 1 double	13×32½×5½ in.	50 lbs.	9.50

MAYOR.

Description—Made of good grey iron, smooth finish of pleasing design.

Burners are large, machine sawed, free from flaws.

Valves—Has polished brass gas cocks, a sure indicator at any point in room, whether gas is on or off.

Top—All in one piece, prevents excessive breakages.

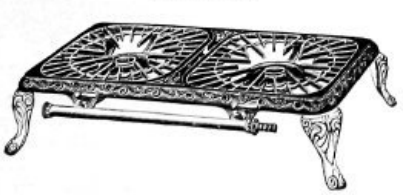
Plain Iron (Sawed Burners.)

	BURNERS.	SIZE OF TOP.	W'GT.	EACH.
No. M120—2	large	8¾×19½×5 in.	20 lbs.	$3.20
No. M130—3	large	8¾×30 ×5 in.	26 lbs.	4.70

Full Nickel Plated (Sawed Burners.)

	BURNERS	SIZE OF TOP.	W'GT.	EACH.
No. M12—2	large	8¾×19½×5 in.	20 lbs.	$4.00
No. M13—3	large	8¾×30 ×5 in.	26 lbs.	5.50

DAISY.



Description—The iron used is of good grade, buffed smooth, and the body is covered by a superior Japan, the legs being nickeled, the whole presenting a very pleasing appearance.

Burners are of good size, of sawed pattern thoroughly well made.

Valves—Has polished brass gas cocks.

Top of one piece well perforated, strong and durable.

Japanned Body, Nickel Legs (Sawed Burner).

	BURNERS.	SIZE OF TOP.	W'GT.	EACH.
No. D020—2	large	10×20¾×5 in.	20 lbs.	$3.20
No. D030—3	large	10×31¼×5 in.	26 lbs.	4.70

SPECIAL.

Description—Made of good cast iron thoroughly cleaned, free from sand holes.

Burners are of cast pattern, conceded by users to be very reliable and economical.

Valves—Has polished brass cocks.

Top of one piece, adding durability and strength.

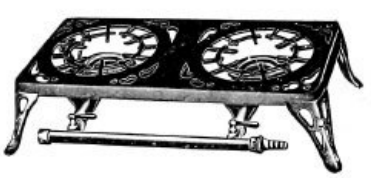
Plain Iron (Cast Burner).

	BURNERS.	SIZE OF TOP.	W'GT.	EACH.
No. S100—1	cast	9× 9 ×5 in.	10 lbs.	$1.30
No. S200—2	cast	9×19 ×5 in.	18 lbs.	2.38
No. S300—3	cast	9×28¾×5 in.	25 lbs	3.56

Full Nickeled (Cast Burner).

	BURNERS.	SIZE OF TOP.	W'GT.	EACH.
No. S0100—1	cast	9× 9 ×5 in.	10 lbs.	$1.60
No. S0200—2	cast	9×19 ×5 in.	18 lbs.	2.90
No. S0300—3	cast	9×28¾×5 in.	25 lbs.	4.30

STAR.



Description—Material used is the same as used in all our hot plates, all built with the same care. The casting smooth and clean.

Burners are very effective and thoroughly reliable.

Top is in one piece.

Remarks—Although simple in construction, quality has not been sacrificed for price. This hot plate has good qualities, well appreciated by the modern merchant looking for a competitive article.

Plain Iron Cast Burner.

	BURNERS.	SIZE OF TOP.	W'GT.	EACH.
No. S11—1	cast	8× 8½×5 in.	8 lbs.	$1.16
No. S22—2	cast	8×16 ×5 in.	13 lbs.	1.96
No. S33—3	cast	8×26 ×5 in.	19 lbs.	3.20

JUNIOR.

No. J0.

No. J00.

Description—Made of good material, finished beautifully in aluminum bronze, presenting always a clean, attractive appearance.

Remarks—Very useful in nursery, dressing room, sick room, in fact indispensable in any home. Gives a good heat and always operates satisfactorily.

	BURNERS.	DIAM. OF REST.	W'GT.	EACH.
No. J00—	1 Cast	6 in.	2 lbs.	$ .50
No. J00—	1 Cast	5½ in.	1½ lbs.	.39

WHEN SHIPPED IN SINGLE LOTS ADD 30 CENTS PER CRATE.

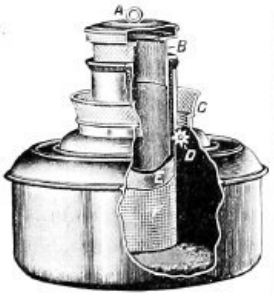
REV-O-NOC OIL HEATING STOVES.

Blue Steel Drums, Full Nickel Trimmed.

No. 37A —Height (floor top of bail) 31 in., size drum 8 in., main top, hinge ring, base and legs full nickel, shipping w't 18 lbs. ..... each $6.00

No. 37AB—Same as 37A, except has full brass fount.. ..... each 6.80

B.—Flame spreader.
C.—Burner ring.
D.—Wick raiser.
F.—Wick cylinder.



The Rev-o-noc oil heater has been built with an eye to quality, efficiency and durability.

Description—The two drums are made of a high grade of polished blue steel. The body of tank is drawn from sheet steel finished with a heavy coating of composition lead and tin, making a rust proof finish. The false bottom is fitted to allow free circulation of air between it and main bottom. The inner tube and all burner parts are of spun brass.

Flame Spreader—Is smokeless and automatically prevents turning wick too high.

Automatic Indicator—Shows amount of oil in tank at all times and cannot get out of order.

Tank—Is fitted with bail and holds sufficient oil for burning 10 hours.

Test—Every Rev-o-noc stove is carefully tested at the factory by an experienced specialist. The tank is filled with oil, the wick is lighted and stove burns for a considerable time. An examination of the burners will show that the stove has been tested. Other oil heaters are put out with bright flame spreaders, showing that stove has not been tested

Heat—Oil heaters give the heating capacity of a hot air register within a few minutes after lighting and can easily be moved.

Blue Steel Drums, Japanned Trimmed.

No. 37B—Height (floor top of bail) 31 in., size drum 8 in., shipping w't 18 lbs. each $5.20

ALUMINO OIL HEATING STOVES.

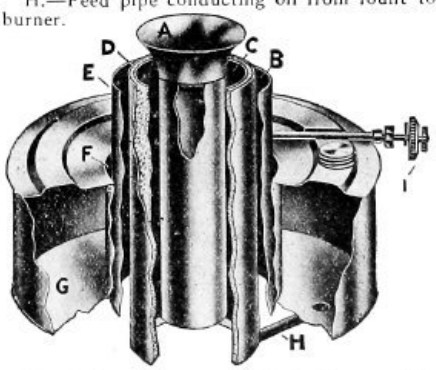
No. 1J and 2J.

With Safety Founts and Burner.

No. 1J—8 in. circular wick, height (bail down) 27 in., size of drum 7 in., capacity of fount 2 qt., shipping w't 17 lbs. . each $5.00

No. 2J—10 in. circular wick, height (bail down) 28 in., size of drum 8 in., capacity of fount 3 qts., shipping w't 20 lbs., each..... 7.00

A.—Flame spreader.
B.—Air space outside of wick—cool.
C.—Air space inside of wick—cool.
D—Wick, circulation of air on both sides, cannot become hot.
E.—Outside casing of burner.
F.—Air space between fount and outer casing.
H.—Feed pipe conducting oil from fount to burner.



Description—The material is the finest quality cold rolled polished steel plate, and sheet brass.

Safety in Operation—The wick does not turn down directly into the fount (like all others), but is retained in a separate receptacle, supplied with just enough oil through small tube in bottom, making explosions impossible.

Smokeless—See simple attachment at end of wick raiser. All burners are tested and smokeless device set at right height before leaving factory.

Re-wicking—Loosen the knob at end of wick raiser, turn wick up as far as it will go, pull out wick tube, take off old wick, slip on new one and replace in burner. Clean and convenient.

Indicator—Cork float, simplest.

Finish—Highly nickeled to a mirror finish.

Top—Removable.

With Safety Founts and Burners.

No. 3J—15 in. circular wick, height(bail down) 33 in., size of drum 10 in., capacity of fount 5 qts., shipping w't 30 lbs., each..... $10.00

OIL HEATING STOVES.

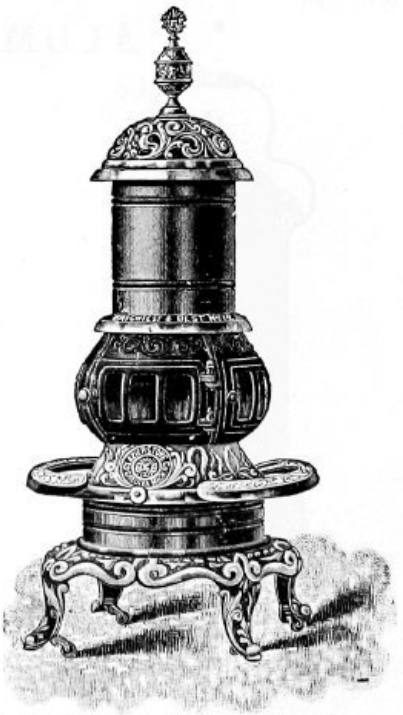
No. 24—Blue polished steel body, fount of heavy pressed steel coated with a composition to prevent rust, extremely simple smokeless device, japanned top, center, bottom ring and legs, with aluminum name plate, height with bail 28 in., w't crated 12½ lbs.....each $4.00

No. 60—Full aluminum trimmed, perforated planished iron hinged drum, polished brass oil fount with patent automatic indicator, 10 in. double thick circular wick, with bail and catch, height without bail 28 in., diameter of base 11 in., w't crated 18 lbs.....each $6.80

No. 10—Full nickel trimmed, removable patent spun brass oil tank with automatic indicator, 10 in. double thick circular wick, water reservoir in oil tank, height 32 in., diameter of base 15 in., w't crated 38½ lbs.....each $10.00

No. 40—Full aluminum trimmed, planished iron hinged drum, polished brass oil fount with patent automatic indicator, 10 in. double thick circular wick, with bail and catch, height without bail 28 in., diameter of base 11 in., w't crated 18 lbs.....each $6.20

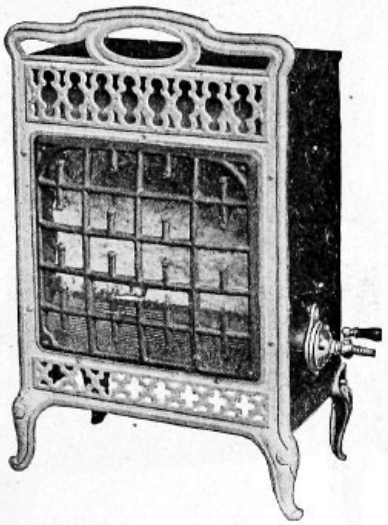
No. 80—Full nickel trimmed, planished iron perforated hinged drum, polished brass oil fount, with patent automatic indicator, 10 in. double thick circular wick, outside filler, with bail and catch, height without bail 30 in., diameter of base 11 in., w't crated 20 lbs....each $7.40



No. 12—Nickel plated base and feet, mounted on rollers, nickel plated rails, main top and urn, removable spun brass oil tank with patent automatic indicator, 15 in. double thick circular wick, oil tank can easily be removed for filling or putting in new wick, patent water reservoir in center of burner, polished brass drum between base and rails, height 42 in., diameter of base 16 in., w't crated 65 lbs.....each $15.00

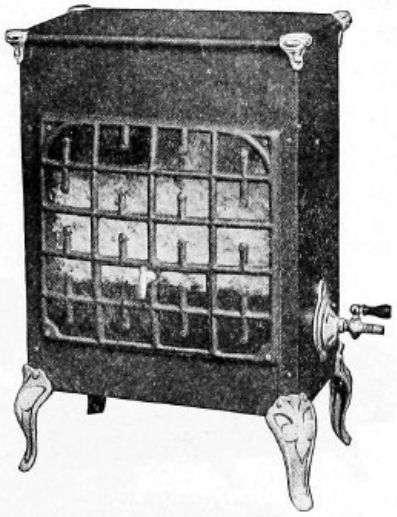
"REV-O-NOC" GAS HEATING STOVES.

FOR ARTIFICIAL AND NATURAL GAS.



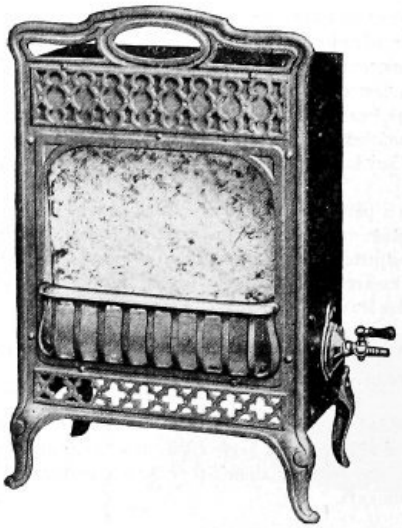
Blue Steel, Full Nickel, Asbestos Back, Circulating System, Closed Mica Front.

	HEIGHT.	WIDTH.	DEPTH.	SHIPPING W'T.	EACH.
No. 123 REVONOC	23½ in.	12 in.	8½ in.	17 lbs.	$6.00
No. 153 REVONOC	25½ in.	15 in.	9½ in.	24 lbs.	7.50
No. 183 REVONOC	27½ in.	18 in.	10½ in.	31 lbs.	9.00



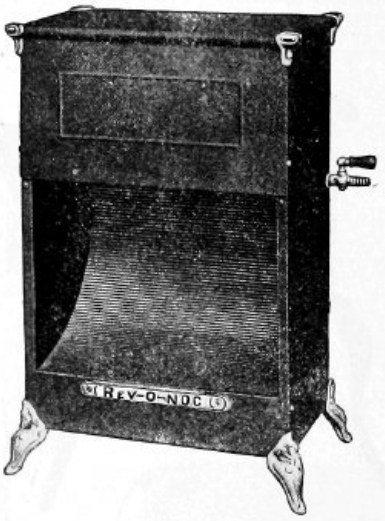
Blue Steel, Nickel Trimmed, Asbestos Back, Closed Mica Front.

	HEIGHT.	WIDTH.	DEPTH.	SHIPPING W'T.	EACH.
No. 122 REVONOC	20½ in.	12 in.	8¼ in.	13½ lbs.	$4.50
No. 152 REVONOC	22½ in.	15 in.	9¼ in.	19½ lbs.	5.70
No. 182 REVONOC	24½ in.	18 in.	10¼ in.	25½ lbs.	7.30



Blue Steel, Nickel Trimmed, Asbestos Back, Open Front.

	HEIGHT.	WIDTH.	DEPTH.	SHIPPING W'T.	EACH.
No. 121 REVONOC	23½ in.	12 in.	9 in.	15¼ lbs.	$4.25
No. 151 REVONOC	25½ in.	15 in.	10 in.	22¼ lbs.	5.50
No. 181 REVONOC	27½ in.	18 in.	11 in.	29¼ lbs.	7.00



Blue Steel, Nickel Trimmed, Corrugated Copper Reflector, Open Front, Illuminating Burners.

	HEIGHT.	WIDTH.	DEPTH.	SHIPPING W'T.	EACH.
No. 100 REVONOC	19 in.	9 in.	9½ in.	10 lbs.	$2.80
No. 120 REVONOC	21 in.	12 in.	10½ in.	15 lbs.	4.00
No. 150 REVONOC	23 in.	15 in.	11 in.	20 lbs.	5.20
No. 180 REVONOC	25 in.	18 in.	11 in.	25 lbs.	6.70

The body of "Rev-o-noc" Gas Heaters is made of blue steel, lacquered to prevent rust in handling.

All cast parts, except mica frame and grate frame, are handsomely nickeled, "White, Beautiful and Bright," and so arranged it will not tarnish.

All asbestos lined stoves on this page have a complete system of circulation of air, taking cold air from floor, passing it through flues, throwing it out hot. This adds very greatly to heating efficiency.

These stoves also have the Bunsen type burner which takes in as much air as the chemical quality of the gas will permit and burns a blue flame, which passes upward in front of the asbestos, creating a warm, cheerful glow.

The No. 100 has a pure copper surface, corrugated. The burner is a steel tube with brass tips screwed into it. This tip is easy to clean and will not break. Burns an illuminating flame, is smokeless and odorless, and produces a very pleasing effect.

"REV-O-NOC" WICK OIL STOVES.

Material.—Heavy steel body and legs, black japanned, hard baked, handsomely decorated.

Burner.—Different from any other and positively the simplest. Kerosene oil is automatically generated into gas by securing a proper mixture of air, taken from outside as well as inside of burner, securing the proper mixture with a low or high flame. Many hundred cubic feet of air are used to generate heat, causing a wonderful saving of fuel. The flame is blue, odorless, smokeless and of intense heat, burning right up to the grate and preventing any loss of heat.

Wick fits on a perforated cylinder making it very easy to put in. The spiral wick-raising device brings the wick up evenly and is fitted with a ratchet easily adjusted by the operator to prevent wick being turned too high. The wicks are burned smooth before shipping and all stoves carefully tested before leaving factory.

Cones are of steel, enameled blue, to prevent rust, and fitted with cold nickel plated handle.

Tank is of leaded plate and is removable. This allows it to be taken into another room for filling, at the same time tank being disconnected, the oil cannot become over-heated. The stove has a perfect oil level and all modern improvements.

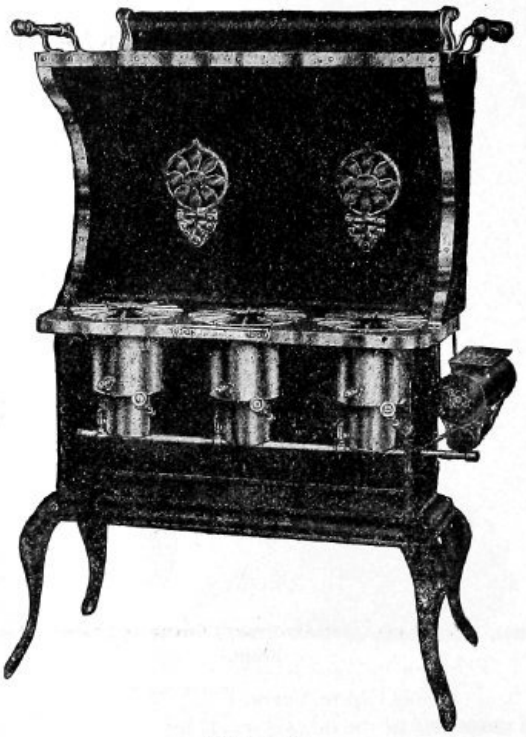
Operation.—Fill tank with kerosene oil, turn up wick, raise drum a trifle and light the wick, dropping drum back into place.

Tests show the REVONOC Oil Cook will do 46% more cooking and use 50% less fuel than any other Kerosene Oil Wick Stove.

Utility.—Just as easy to operate as a common lamp. Perfectly safe, burns like gas, flame instantly controlled by operator. It does away with kindling fires, handling ashes, keeps the kitchen cool and clean and saves labor.

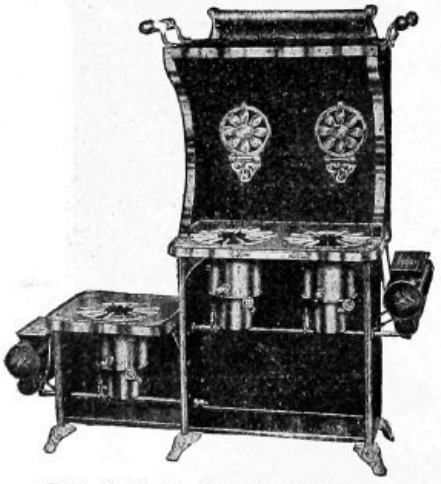
Without Shelf.

		HEIGHT	SIZE TOP	SHIPPING WEIGHT	EACH
No. X14	REVONOC	29 in.	14×14 in.	18 lbs.	$ 7.50
No. X24	REVONOC	29 in.	22×14 in.	25 lbs.	11.00
No. X34	REVONOC	29 in.	33×14 in.	30 lbs.	14.50



With Shelf.

		HEIGHT	SIZE TOP	SHIPPING WEIGHT	EACH
No. S24	REVONOC	29 in.	22×14 in.	40 lbs.	$17.50
No. S34	REVONOC	29 in.	33×14 in.	45 lbs.	21.00



With Shelf, Step Top 14×14 Inches.

		MAIN HEIGHT	HEIGHT STEP	SIZE TOP	SHIPPING WEIGHT	EACH
No. S124	REVONOC	29 in.	15 in.	22×14 in.	45 lbs.	$33.50
No. S134	REVONOC	29 in.	15 in.	33×14 in.	55 lbs.	38.00

Without Shelf.

No. 124	REVONOC	29 in.	15 in.	22×14 in.	30 lbs	$27.00
No. 134	REVONOC	29 in.	15 in.	33×14 in.	40 lbs	31.55

GASOLINE STOVES.

REV-O-NOC

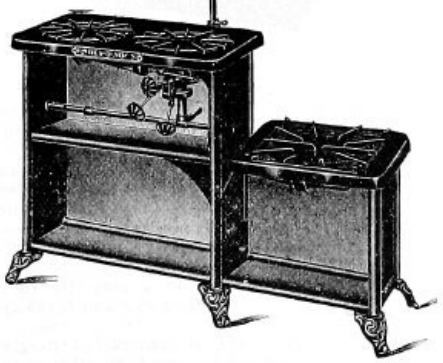
Brass Burners.

	BURNERS.	HEIGHT.	SHIPPING W'T.	EACH.
No. 302	2	14 in.	31 lbs.	$ 7.80
No. 303	3	14 in.	40 lbs.	10.30
No. 402	2	24 in.	38 lbs.	9.60
No. 403	3	24 in.	47 lbs.	12.00

Description—Substantially made, in full cabinet style, baked with japan and handsomely decorated.

Single Generator Burner—Is so constructed that by generating gasoline at one burner, gas is formed and makes balance of burner self-generating. By means of the pilot-light all burners can be kept ready for immediate use. This is the most practical and convenient method and is becoming very popular.

Tank—Is of the lay down kind and cannot be filled until flames are extinguished. Safe and convenient.

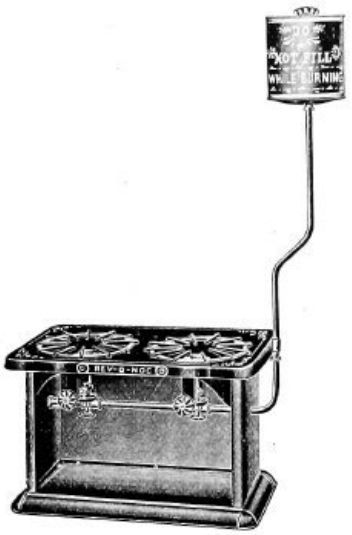


Brass Burners.

	BURNERS.	HEIGHT.	SHIPPING W'T.	EACH.
No. 423	2 top, 1 step	24 & 16 in.	60 lbs.	$17.00

Aside from having a step this stove is similar in detail and construction to those illustrated and described above.

REV-O-NOC



Brass Burners.

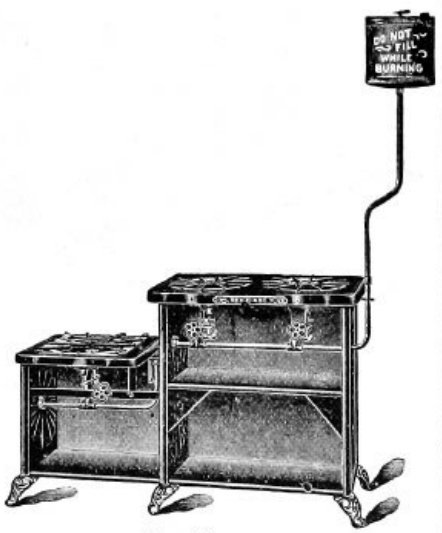
	BURNERS.	HEIGHT.	SHIPPING W'T.	EACH.
No. 109	1	14 in.	18 lbs.	$3.90
No. 209	2	14 in.	25 lbs.	4.80
No. 309	3	14 in.	31 lbs.	7.40

Description—This stove is built with special care, material of selected cold rolled steel, beautifully japanned and decorated.

Large Massive Base—Adds to the appearance and strength, and prevents accumulation of dust under stove.

Burners and all Stand Pipes—Are of brass, insuring absolute fit, no leakage of gasoline.

Tank—Made of heavy steel, double seamed and soldered.

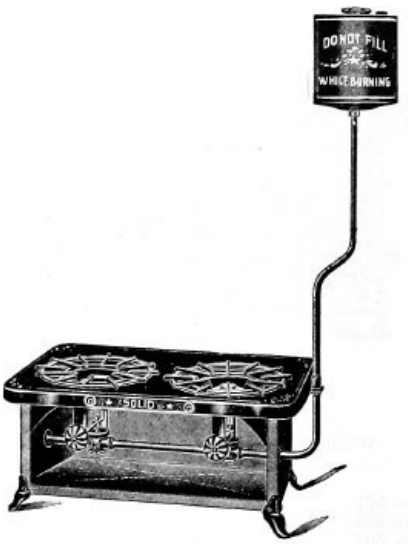


Brass Burners.

	BURNERS.	HEIGHT.	SHIPPING W'T.	EACH.
No. 255	2 top, 1 step	24 & 16 in.	56 lbs.	$12.50
No. 355	3 top, 1 step	24 & 16 in.	65 lbs.	15.00

Aside from having a step these stoves are similar in detail and construction to those illustrated and described above.

SOLID.



Iron Burners.

	BURNERS.	HEIGHT.	SHIPPING W'T.	EACH.
No. 108	1	8 in.	16 lbs.	$3.10
No. 208	2	8 in.	20 lbs.	3.60
No. 308	3	8 in.	29 lbs.	5.70
No. 107	1	12 in.	17 lbs.	3.20
No. 207	2	12 in.	23 lbs.	3.70
No. 307	3	12 in.	30 lbs.	5.80

Description—Strong and rigid construction, the body being made of one piece, steel, full cabinet style, finished with a coat of black japan.

Burners—Has largest generating surface of any Jr. gasoline stove on the market, making a quick operator. All angle parts are brass, burners and balance of parts, iron.

Tank—Extra well made, valves are perfectly fitted.

Iron Burners.

	BURNERS.	HEIGHT.	SHIPPING W'T.	EACH.
No. 227	2	24 in.	29 lbs.	$5.20
No. 327	3	24 in.	38 lbs.	7.40

Aside from having a drip shelf these stoves are similar in detail and construction to those illustrated and described above.

ALL "REV-O-NOC" AND SOLID GASOLINE STOVES ARE TESTED BEFORE LEAVING THE FACTORY.

OIL STOVES AND PORTABLE OVENS.

REVO-NOC OIL STOVES.

Wickless Blue Flame, Iron Burners.

	BURNERS.	HEIGHT.	SHIPPING W'T.	EACH.
No. 501	1	12 in.	22 lbs.	$4.00
No. 502	2	12 in.	30 lbs.	6.00
No. 503	3	12 in.	40 lbs.	8.70

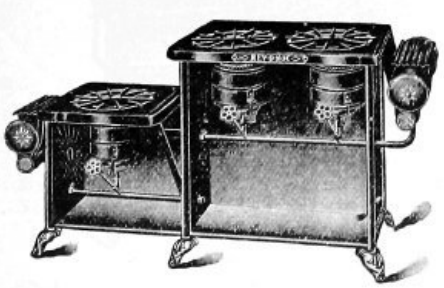
Wickless Blue Flame, Brass Burners, Massive Steel Base.

	BURNERS.	HEIGHT.	SHIPPING W'T.	EACH.
No. 801	1	14 in.	24 lbs.	$4.50
No. 802	2	14 in.	32 lbs.	7.50
No. 803	3	14 in.	43 lbs.	9.50
No. 823	2	24 in.	43 lbs.	8.00
No. 833	3	24 in.	60 lbs.	10.00

Description—Body made of cold rolled steel, japanned and ornamented elaborately, in full cabinet style only, strong and rigid.

The Burner—Is durable, self-centered, requires no adjustment, drops easily into place. It evaporizes perfectly and burns at all times with a steady blue flame.

Tank—Is removable, cannot be filled while stove is in operation, equipped with automatic oil feed.



	BURNERS.	HEIGHT.	SHIPPING W'T.	EACH.
No. 834	2 top, 1 step	24 & 16 in.	70 lbs.	$15.50
No. 835	3 top, 1 step	24 & 16 in.	86 lbs.	19.00

PORTABLE OVENS.

Description—Made of polished steel, japanned and decorated top. Joints are tightly seamed together. Lined with corrugated tin with asbestos sides.

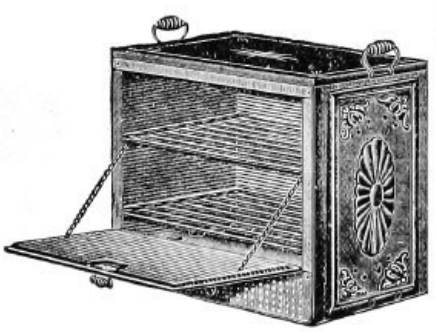
Ventilation—Perfect, obtained by a circulating flue system, making every thing baked in oven pure and sweet.

Oven Thermometer—Enables the user to regulate fire to create most heat with smallest minimum of flame.

Set Up Style only.

	BURNERS.	SIZE.	SHIPPING W'T.	EACH.
No. 111	1	13¾×14½×18½ in.	19 lbs.	$4.00
No. 112	2	13¾×21 ×18½ in.	24 lbs.	4.50

ONE IN A CRATE.



Description—Made of high grade polished steel, japanned and ornamental top. Lined with corrugated tin with asbestos lined sides, mica peep hole under door, Alaska cold handles.

Ventilated—By a special circulating flue system.

Set Up Style.

	BURNERS.	SIZE.	SHIPPING W'T.	EACH.
No. 8	1	13¾×14½×18½ in.	18 lbs.	$2.70
No. 9	2	13¾×21 ×18½ in.	23 lbs.	3.20
No. 110*	2	13¾×21 ×18½ in.	23 lbs.	3.20

Knocked Down.

	BURNERS.	SIZE.	SHIPPING W'T.	EACH.
No. 08	1	13¾×14½×18 in.	20 lbs.	$2.70
No. 09	2	13¾×21 ×18 in.	25 lbs.	3.20
No. 010*	2	13¾×21 ×18 in.	25 lbs.	3.20

**Nos. 10 and 010 have drop door on end, and balance on side.*

ONE IN A CRATE.

PORTABLE OVENS.

Description—Strong and rigid, steel lined throughout, two heavy wire racks, plain wire handles. Our ever increasing trade during the past few years, indicates to us this oven is right.

With Swinging Door, Cast Frame, Set Up Style only.

	BURNERS.	SIZE.	SHIPPING W'T.	EACH.
No. 4	1	11½×11½×12½ in.	10 lbs.	$2.00

With Drop Door, Without Cast Frame, Set Up Style only.

	BURNERS.	SIZE.	SHIPPING W'T.	EACH.
No. 5	2	13×20×18 in.	19 lbs.	$2.50

ONE IN A CRATE.

REVO-NOC

Description—Made of refined blue steel, bottom and body of one piece, making a strong, tight, durable oven.

Top is lined with tin and asbestos, sides with sheet steel. Flame spreader, linings and two racks are removable. Drop door hung on one continuous hinge pin, cannot come off, and so constructed that door is sprung shut making a tight joint. Alaska always cool handle.

Package—Packed three in a perfectly tight strawboard carton, preventing rust and breakage in transit.

Economy—This oven is constructed to give best results with much less gas than other ovens require.

Set Up Style only.

	BURNERS.	SIZE.	W'T PER CARTON.	EACH.
No. 1	1	12×11×8 in.	25 lbs.	$2.00

Packages will not be broken.

H.S.B & CO. REV-O-NOC

STOVES AND RANGES.

INTRODUCTION.

In buying stoves, a merchant is governed by at least three prime factors:—Quality, Design, Price.

The quality of REV-O-NOC stoves is the very highest, the castings are continually made smoother, the nickel brighter, mounting and fitting better, crating first-class; at prices just as low as is consistent with such unquestioned quality.

All REV-O-NOC stoves are inspected by two competent men, and any failure to perform that duty we request be reported promptly to us by merchants and salesmen.

Changes in design will occur at repeated necessary intervals, always with the object of keeping the line in the lead.

WHY OUR PRICES ARE LOW.

Our prices are lower than those of the regular manufacturers on equal goods for the reason that our selling expenses, etc., are divided among so many different lines of goods. The expense of sending our salesman to your town is not charged to our stove department alone. The entire expense born by so many different departments makes the expense added to one line of goods very small, which benefit our customers share in.

SPECIALTIES.

We aim to give our trade specialties (money makers for the merchant), Stoves different from any one else, containing talking points and features placing them in a class by themselves. We refer to our REV-O-NOC Malleable Range, The "Mansion" plain cast range, The "Premier" Base-Burner, "Xmor" Oak, H.S.B. Hibbard" Hot Blast, REV-O-NOC Gasoline Oven, etc.

REV-O-NOC NUMBERING.

In ordering stoves, always use the full name and full number of the stove desired.

A letter before a number indicates the first letter of the name of the stove. The letter "C" after a number means High Closet. The letter "R" means reservoir. "C. R." means High Closet and Reservoir. "S" indicates High Shelf. Thus, A 18 CR Active is the Active range, with 8 inch lids, 18 inch oven, high closet and reservoir.

ABOUT SHIPPING.

Cooking stoves will always be shipped without reservoirs, unless otherwise specified.

Steel ranges will always be shipped with high closets unless ordered otherwise.

All stoves, unless otherwise specified, are carried in stock in our warehouse or in the warehouse of factory in Chicago, and prompt shipments can always be made.

REPAIRS.

In ordering repairs, always furnish the full name and number of stove. Do not use number on invoice. If not able to describe the repair, make a drawing of it. Give a full and detailed description, and delays and mistakes will be avoided.

We aim to furnish all repairs promptly and correctly. We are not mind readers and when "we take chances" and go wrong, we want the merchants to appreciate that in order to save delays occasioned by asking a number of questions, we "took the chance" and shipped the goods.

HANDLING CAR LOADS.

Combination or Pool cars are very successful as they enable merchants at distant points to order goods in less than carload quantity and still receive the carload rate of freight to a central distributing point in their near vicinity. These cars are loaded out very carefully by ourselves, and we have yet to receive any complaints thereon.

Salesmen and merchants will be greatly surprised at the ease with which a car can be made up, especially so when they take into consideration that stove pipe, stove furniture, etc., can usually be loaded in car with stoves. The advantage, therefore, of buying from a jobber is apparent. A merchant can purchase, for instance, half a car or more of stoves and make up the balance with stove furniture. It will save him a considerable amount of freight and his goods will usually arrive in much better shape than local. This applies not only to the merchant who buys in straight carload, but also to those who buy in combination or pool cars. We have stove cars for all central points west, northwest and southwest and south.

LOCAL ADVERTISING.

Good advertising is absolutely essential to business success nowadays, and those who are handling REV-O-NOC stoves can promote their business very greatly by the judicious use of the local newspapers, and we will assist customers in preparation of advertisements, that announcements may be as effective as possible. For that purpose we keep on hand electrotypes of our various stoves and ranges, and also of our trademark, suitable for use in newspaper ads and in circulars or price lists. These we shall be pleased to furnish without charge to those who will use them.

In addition to supplying these cuts, we are prepared to offer suggestions as to the text-matter to be employed and as to the methods of advertising which we would consider most desirable in each particular locality. In that way, we hope to save our customers a great deal of time and trouble, besides helping materially to increase their sales and their profits.

SETTING UP AND OPERATING REV-O-NOC STOVES.

First—See that the flue stopper leading into flues under oven of cooking stove, or under base of base-burner is tightly in place.

Second—That the chimney is clear and has a good draft at pipe hole. Many chimneys are made too low and draw better when a "smoke stack" is put on. Chimney must be higher than any point of house.

Third—That the pipe fits closely on the stove and in the chimney.

Fourth—That the pipe does not go too far into the chimney.

Fifth—That there are no pipe holes open on the opposite side of the chimney, either above or below, and that there is no unused stove with draft slide open, leading into the same chimney.

Sixth—Avoid having the pipe telescope at the elbows. If you have all these parts properly adjusted and well arranged, open the direct draft damper (see "Dampers") and see if you can get a good fire in the stove, together with a strong draft. If the stove will not burn well, then the trouble is not in the stove, but above it.

If the fire burns well on the above direct draft, close the oven damper, then if it will not heat the oven and bake well, please examine the flues and damper, and see:

First—That all the flues are open and clear, so that smoke can pass freely through them. (In cleaning out flues be sure to scrape all sides of flues, and especially scrape off all soot that hangs to oven-bottom. Pull all soot towards you, and be careful not to push any of it back into the back flues, but scrape from the extreme back forward. When using soft coal clean flue often.)

Second—Examine all the dampers in the flues and see that they open and close tightly, and do not get out of place.

Third—Be sure that you know how they operate, so they may not be open when you think they are closed.

If you have a stove with reservoir, be sure that the damper (if one is in stove) to force the heat under the reservoir is closed, so that all the heat must go around the oven. Lift out reservoir and ascertain by examination the operation of reservoir damper.

DAMPERS.

Almost all cook stoves or ranges having reservoirs have two dampers, the direct draft damper opening directly into the chimney and reservoir damper. The direct draft damper when open throws all heat directly up chimney and should be used only in starting fire to hurry it. When closed it forces heat around oven. The Reservoir damper must be closed when baking.

Hard coal base burners have the direct draft damper on the right or left side just below pipe collar. When open, it permits the heat to go straight up the chimney, and when closed, heat passes down to the base, around it and then up into the chimney. The check damper is just below the direct draft damper.

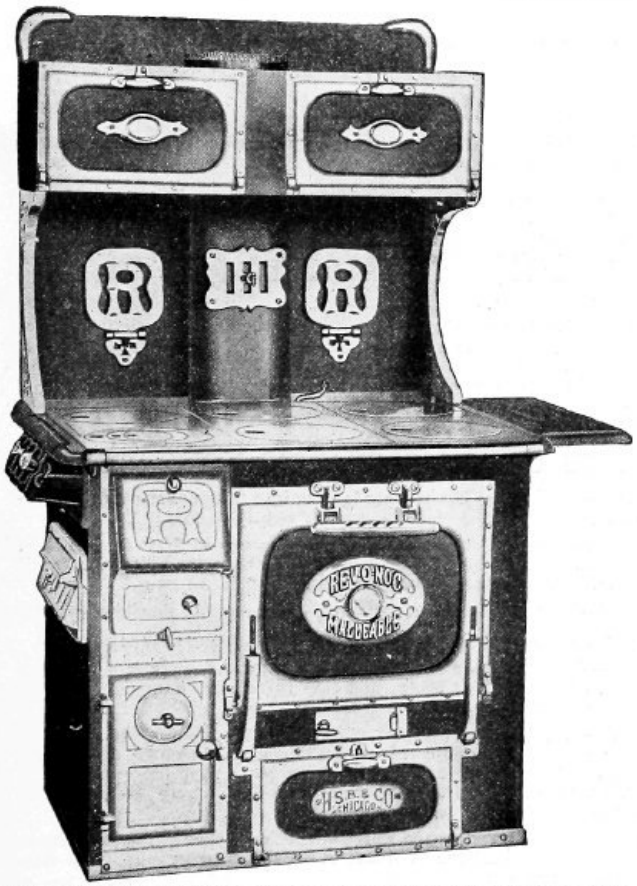
GUARANTY.

WE GUARANTEE ALL REV-O-NOC STOVES AND RANGES TO WORK PERFECTLY OUT OF DOORS—AWAY FROM ALL BUILDINGS—WITH FOUR JOINTS OF PIPE. ANY STOVE THAT WILL OPERATE UNDER SUCH CONDITIONS WILL WORK PERFECTLY WHEN PROPERLY CONNECTED TO A GOOD CHIMNEY.

If a stove is complained of, never take it back without trying to correct the difficulty. If you cannot do so, write us and we will be glad to offer suggestions.

REV-O-NOC MALLEABLE STEEL RANGES.

FOR ANY COAL OR WOOD.



Without Reservoir, with High and Low Closet, and Oven Thermometer.

With Copper Reservoir, High and Low Closet, and Oven Thermometer.

Description—The REV-O-NOC Malleable is in every way **The Best** in steel range construction possible for unlimited capital and skilled workmen and high grade material to produce.

Malleable Iron Features—All outside castings, liable to breakage, such as door frames, tops, etc., are malleable iron. This is not a "semi-malleable," but a FULL MALLEABLE range, strictly built on honor.

Walls—are made of 18 gauge genuine blue polished steel, thoroughly protected by heavy sheets of asbestos, and an inner wall of steel firmly riveted together, making it rigid.

Oven—is 16 gauge steel, rigidly braced, making it absolutely impossible to warp. The oven is riveted to a malleable iron (non-breakable) angle frame; this frame is riveted to the main body, making an absolutely perfect non-breakable joint. The oven is aluminized, making it clean, and sweet.

Top—is of a high grade malleable (non-breakable) iron, beautifully POLISHED, fitted with 3 interchangeable plates, into which lids and short centers fit, making practically an indestructible top.

Pouch Feed—Extra large, on left end of range, enables feeding fuel evenly entire length of box, without disturbing utensils on top, and will also take a large broiler.

End Draft—Entire length left end of range, gives equal distribution of draft entire length of fire box, making an even fire.

Grate—Duplex, reversible for wood or coal, extra heavy and durable.

Fire Box—is perfectly proportioned to give the greatest maximum heat with smallest minimum of fuel consumption.

Low Closet—of large capacity, fitted with perfectly tight door, hung on malleable iron frame.

Reservoir—is of pure copper, tinned inside, of 11 gallon capacity and heated by contact.

Ash Pit—is near floor, such a long distance from grate that ashes cannot possibly bank up under and burn it out.

Thermometer—In oven door, indicates degrees of heat in oven, saves opening door to ascertain by various ancient methods, "whether oven is hot enough to bake." Saves steps, time, and prevents "guess work."

Nickel—"White, beautiful and bright." Lasts a long time. Being free from superfluous carving, prevents accumulation of grease and dirt and makes an easy range to keep clean. Nickel is as follows: Reservoir cheek edge and panel, oven door frame, panel and handle, feed door, clean-out door, ash pit door, low closet door frame and panel, rails and full nickel high closet.

Without Reservoir, with High and Low Closet, and Thermometer.

	NO. OF HOLES.	SIZE OF OVEN.	SIZE OF TOP.	APPROX. SHIPPING WEIGHT.		
No. M816C	6–8 in.	16×19×14 in.	41½×28 in.	460 lbs.	EACH	$71.00
No. M818C	6–8 in.	18×19×14 in.	43½×28 in.	470 lbs.	"	74.00
No. M918C	6–9 in.	18×21×14 in.	44½×29 in.	495 lbs.	"	75.00
No. M820C	6–8 in.	20×21×14 in.	45½×29 in.	510 lbs.	"	80.00
No. M920C	6–9 in.	20×21×14 in.	45½×29 in.	520 lbs.	"	81.00

With Reservoir, with High and Low Closet, and Thermometer.

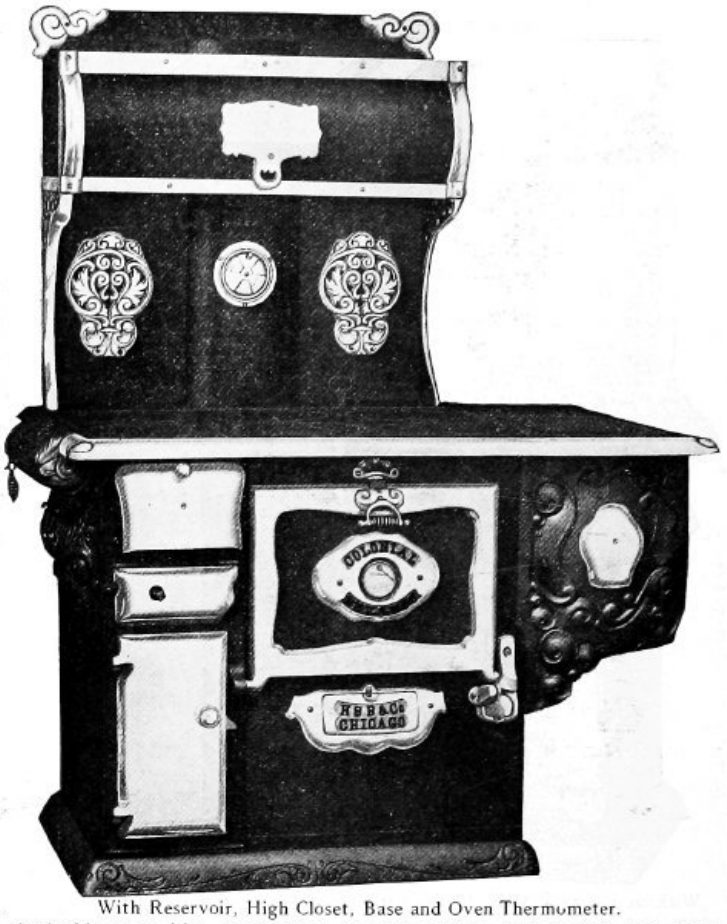
	NO. OF HOLES.	SIZE OF OVEN.	SIZE OF TOP.	APPROX. SHIPPING WEIGHT.		
No. M816RC	6–8 in.	16×19×14 in.	47×28 in.	525 lbs.	EACH	$83.00
No. M818RC	6–8 in.	18×19×14 in.	49×28 in.	535 lbs.	"	86.00
No. M918RC	6–9 in.	18×21×14 in.	50×29 in.	560 lbs.	"	87.00
No. M820RC	6–8 in.	20×21×14 in.	51×29 in.	585 lbs.	"	92.00
No. M920RC	6–9 in.	20×21×14 in.	51×29 in.	600 lbs.	"	93.00
Water front				30 lbs.	extra "	5.00

FURNISHED ONLY AS SHOWN—ORDER BY NAME AND NUMBER.

COLONIAL "REV-O-NOC" STEEL RANGE.

FOR ANY COAL OR WOOD.

Without Reservoir, with High Closet, Base and Oven Thermometer.



With Reservoir, High Closet, Base and Oven Thermometer.

Description—The Colonial Rev-o-noc embodies the best material obtainable, erected by expert stove workmen, whose pride is first class work, material and design. To any one desiring the highest perfection in steel range building we recommend the Colonial Rev-o-noc. Quality first and always.

Walls—are of genuine Wellsville Blue Polished Secret Process Steel of extra heavy gauge, lined throughout with asbestos, protected with an inner wall of cold rolled steel plate, all closely riveted together with heavy rivets driven cold. All plates are cut and formed by machinery insuring perfect fit and will not draw out of shape by contraction and expansion.

Oven—Is of 18 gauge steel, full size and 21½ inches deep. The top and bottom are protected, preventing warping. Oven has a steel oven rack (never break), and is all aluminized, making a pure, sweet, sanitary oven. The oven door is perfectly balanced with a fine tempered spring.

Top—Is made of three interchangeable panels (keyplates); by interchanging it will last Three Times as long as the ordinary top. Covers are Boston rim, centers heavy, and each range is fitted with a reducing cover.

Pouch Feed—Entire length of fire box, permitting feeding of fuel the entire length, making an even fire and prevents necessity of removing anything cooking over fire to feed through top lids, at same time makes a perfect broiling or toasting arrangement. It is also fitted with a check draft.

End Draft—The entire length of fire box giving as much draft in back of firebox as the front; making an even heat the entire length of box.

Grate—Is duplex pattern, turned down, makes perfect coal grate; turned up, wood grate, the change being instantly effected by reversing the grate.

Fire Box—Is so proportioned as to provide the required amount of heat without waste of fuel. It is free from awkward slides or frames, which frequently warp and crack. The fire back is hot blast, burning gases and smoke arising from soft coal.

Reservoir—Is enamel lined, unusually large. The casing is of cast iron, preventing rusting by condensations, and so arranged that drippings will pass into cups and be evaporated, instead of leaking onto floor.

Ash Pit—Placed at such a distance from grate that it is impossible for the ashes to bank up and burn it out.

Thermometer—Fitted in oven door indicating degrees of heat in oven, prevents necessity of opening oven to test heat by unsanitary methods. It can easily be seen from across the kitchen, saving time and labor.

Base—Of cast iron adds to finished appearance, free from carving, preventing accumulation of dust and dirt, and keeps body dry.

Nickel—"White, beautiful and bright"—Lasts a long time. Is entirely free from carving, preventing accumulation of dust, dirt and grease; easy to keep clean, always looks bright. Nickel ornamentation, is as follows: nickel reservoir and oven door panels, oven door frame, handle and hinge, ash pit door, main front feed door, clean out door, front band and full nickel high closet.

Without Reservoir, with High Closet, Base and Thermometer.

	NO. OF HOLES	SIZE OF OVEN	SIZE OF TOP	SHIPPING WEIGHT		
No. C818C	6–8 in.	18×21½×13½ in.	41×30 in.	413 lbs.★	each	$59.50
No. C918C	6–9 in.	18×21½×13½ in.	41×30 in.	420 lbs.★	"	60.50
No. C820C	6–8 in.	20×21½×13½ in.	43×30 in.	425 lbs.★	"	61.50
No. C920C	6–9 in.	20×21½×13½ in.	43×30 in.	428 lbs.★	"	62.50

With Reservoir, High Closet—Base and Thermometer.

	NO. OF HOLE	SIZE OF OVEN	SIZE OF TOP	SHIPPING WEIGHT		
No. C818RC	6–8 in.	18×21½×13½ in.	46½×30 in.	465 lbs.★	each	$69.50
No. C918RC	6–9 in.	18×21½×13½ in.	46½×30 in.	470 lbs.★	"	70.50
No. C820RC	6–8 in.	20×21½×13½ in.	48 ×30 in	474 lbs.★	"	71.50
No. C920RC	6–9 in.	20×21½×13½ in.	48 ×30 in.	480 lbs.★	"	72.50
Water front					extra "	5.00

★For shipment from factory, in Chicago. *Furnished only as shown. Order by name and number.*

ACTIVE "REV-O-NOC" STEEL RANGES.

FOR ANY COAL OR WOOD.

Without Reservoir with High Closet, Base and Oven Thermometer.

With Encased Enameled Reservoir, High Closet, Base and Thermometer.

Description—THE ACTIVE REV-O-NOC is built of Wellsville Blue Polished Steel, all exposed points protected by pure asbestos, lined with cold rolled steel, making walls three thicknesses. Retaining heat inside of range, concentrating it around oven and under main top, using every unit of heat. Great economy.

Oven—Is made of heavy gauge cold rolled steel, amply protected top and bottom, to prevent warping or buckling. Is fitted with a never-break steel oven rack. Inside of oven aluminized, making clean appearance. Oven door perfectly balanced.

Top—Is extra heavy, short and long centers and lids of approved pattern. A reducing cover is also furnished.

Pouch Feed—Of ample capacity permitting easy feeding of fuel without disturbing any cooking over the fire.

Grate—Is of the approved duplex pattern, reversible, can be used for wood or coal, and can be easily removed.

Firebox—The fire back, front lining and grates are of one piece and is the same kind of back as we have used in over 10,000 Ranges of one style, sold during past 3 or 4 years, and has proven conclusively to be a back that will **"Stand up."** The extremely limited call for repairs prove this. This fire box is made with three prime objects—durability, economy in fuel, and quick heat.

Reservoir—Is enamel lined, with a cast casing, fitted with cups to catch all evaporations, preventing leaking onto floor.

Thermometer—Fitted in oven indicates temperature in oven, and can be seen and read across the room. Prevents oven being used when too hot or too cold.

Drafts—Left end draft extends across entire front, giving equal draft entire length of fire box. Screw draft in ash pit door enables perfect regulation of draft.

Ash Pit—Near floor, prevents ashes piling up under grates and burning out.

Base—Of cast iron prevents water being splashed up on steel body when cleaning floor and gives range an added finish.

Nickel—"White, beautiful and bright," lasts a long time, and is as follows: clean out door and frame, ash guard, ash pit door, oven door, panel, rail, corners, oven door handle, feed door and high closet.

Without Reservoir, with High Closet, Base and Thermometer.

	NO. OF HOLES	SIZE OF OVEN	SIZE OF TOP	SHIPPING WEIGHT		
No. A816C	6–8 in.	16×20×13 in.	36×26¾ in.	323 lbs.★	each	$44.50
No. A818C	6–8 in.	18×20×13 in.	38×26¾ in.	330 lbs.★	"	46.50
No. A918C	4–9, 2–7 in.	18×20×13 in.	38×26¾ in.	333 lbs.★	"	47.50
No. A820C	6–8 in.	20×20×13 in.	40×26¾ in.	340 lbs.★	"	49.50
No. A920C	6–9 in.	20×20×13 in.	40×26¾ in	343 lbs.★	"	50.50

With Reservoir, High Closet, Base and Thermometer.

	NO. OF HOLES	SIZE OF OVEN	SIZE OF TOP	SHIPPING WEIGHT		
No. A816RC	6–8 in.	16×20×13 in.	42×26¾ in.	375 lbs.★	each	$52.50
No. A818RC	6–8 in.	18×20×13 in.	44×26¾ in.	379 lbs.★	"	55.50
No. A918RC	4–9, 2–7 in.	18×20×13 in.	44×26¾ in.	383 lbs.★	"	56.50
No. A820RC	6–8 in.	20×20×13 in.	46×26¾ in.	390 lbs.★	"	59.50
No. A920RC	6–9 in.	20×20×13 in.	46×26¾ in.	395 lbs.★	"	60.50
Water Front				extra	"	4.00

★For shipment from factory, in Chicago.

Furnished only as shown. Order by name and number

CROWN STEEL RANGES.

FOR ANY COAL OR WOOD.

Without Reservoir, with High Closet.

With Encased Enameled Reservoir and High Closet.

Description—The New Crown has been greatly improved, not only in appearance, but workmanship, so that it easily classes with any other range on the market at even higher prices. It is built of **Blue Polished steel,** 24 gauge, protected with asbestos.

Oven—Is made of 18 and 20 gauge steel, properly protected with asbestos, producing even heat in the oven.

Pouch Feed—Extra large, extending length of fire box, permitting feeding of fuel in equal proportions in all parts of the fire box, making an even, steady heat at a lower expenditure of fuel.

Grate—Is duplex, reversible for coal or wood.

Fire Box—A test of over 4 years in thousands of our ranges has proven this fire box will stand the strain, and our experience with it has been so satisfactory that we are adopting it in our other ranges.

Reservoir—Enamel lined, cast outside casing, fitted to prevent leakage from sweat.

Drafts—Left end extends entire length of fire box, making an equal draft. Direct damper at side of pipe collar, and reservoir damper perfectly hung, and operate easily at all times.

Ash Pit—Fitted with large bailed ash pan.

Nickel—"White, beautiful and bright," and is as follows: nickel oven door frame, panel, handle; ash pit door; feed door; name plate, nickel band, and full nickel high closet.

Without Reservoir, with High Closet, Blue Steel.

	NO. OF HOLES	SIZE OF OVEN	SIZE OF TOP OVER ALL	APPROXIMATE SHIPPING WEIGHT		
No. C8819C	6–8 in.	18×19½×13 in.	36×26 in.	300 lbs.★	each	$38.00
No. C9919C	4-9, 2-6 in.	18×19½×13 in.	36×26 in.	300 lbs.★	"	38.50
No. C8821C	6–8 in.	20×19½×13 in.	38×26 in.	310 lbs.★	"	40.00
No. C9921C	6–9 in.	20×19½×13 in.	38×26 in.	310 lbs.★	"	40.50

With Reservoir and High Closet, Blue Steel.

	NO. OF HOLES	SIZE OF OVEN	SIZE OF TOP OVER ALL	APPROXIMATE SHIPPING WEIGHT		
No. C8819CR	6–8 in.	18×19½×13 in.	43×26 in.	360 lbs.★	each	$47.00
No. C9919CR	4-9, 2-6 in.	18×19½×13 in.	43×26 in.	360 lbs.★	"	47.50
No. C8821CR	6–8 in.	20×19½×13 in.	45×26 in.	375 lbs.★	"	49.00
No. C9921CR	6–9 in.	20×19½×13 in.	45×26 in.	375 lbs.★	"	49.50
Water Front					extra "	4.00

Furnished only as shown. Order by name and number.

★*FOR SHIPMENT FROM FACTORY IN CHICAGO.*

NEW GEM STEEL RANGES.

FOR ANY COAL OR WOOD.

With Steel Encased Enameled Reservoir and High Closet.
Black Japanned or Blue Steel.

With Cast Encased Enameled Reservoir and High Closet.
Black Japanned or Blue Steel.

Description—The body is made of a 24 gauge steel, thoroughly lined with asbestos.

Oven—Of 18 and 20 gauge steel, amply protected to prevent warping. Has proven satisfactory in many thousands of ranges sold by us during the past four years.

Top—Extra heavy covers and centers.

Pouch Feed—Entire length of fire box.

Grate—Duplex, reversible for coal or wood.

Fire Box—Same as used in the "Active" and "Crown" Ranges. It has stood the test of years and proven conclusively it is one of the BEST fire boxes ever put in a range. Out of the thousands of these ranges sold over four years past, we rarely have a call for a lining. This record is really remarkable.

Draft—On left end extends entire length of fire box, making even draft and fire.

Ash Pit—Fitted with heavy bailed ash pan.

Nickel—"White, beautiful and bright" and as follows: nickel oven door frame, panel, and handle; ash pit door; feed door; flue stop; reservoir cheek and panel; nickel band, and full nickel high closet.

Without Reservoir, with High Closet, Japanned.

	NO. OF HOLES	SIZE OF OVEN	SIZE OF TOP OVER ALL	APPROXIMATE SHIPPING WEIGHT	
No. G8190	6-8 in.	18×19½×13 in.	36×26 in.	300 lbs.★	each $33.00
No. G9190	4-9, 2-6 in.	18×19½×13 in.	36×26 in.	300 lbs.★	" 33.50
No. G8210	6-8 in.	20×19½×13 in.	38×26 in.	310 lbs.★	" 34.50
No. G9210	6-9 in.	20×19½×13 in.	38×26 in.	310 lbs.★	" 35.00

With Cast Encased Enameled Reservoir and High Closet, Japanned.

	SIZE OF HOLES	SIZE OF OVEN	SIZE OF TOP OVER ALL	APPROXIMATE SHIPPING WEIGHT	
No. G8192	6-8 in.	18×19½×13 in.	43×26 in.	360 lbs.★	each $41.50
No. G9212	4-9, 2-6 in.	18×19½×13 in.	43×26 in.	360 lbs.★	" 42.00
No. G8212	6-8 in.	20×19½×13 in.	45×26 in.	375 lbs.★	" 43.00
No. G9212	6-9 in.	20×19½×13 in.	45×26 in.	375 lbs.★	" 43.50

With Steel Encased Enameled Reservoir and High Closet, Japanned.

	NO OF HOLES	SIZE OF OVEN	SIZE OF TOP OVER ALL	APPROXIMATE SHIPPING WEIGHT	
No. G8191	6-8 in.	18×19½×13 in.	43×26 in.	350 lbs.★	each $39.50
No. G9191	4-9, 2-6 in.	18×19½×13 in.	43×26 in.	350 lbs.★	" 40.00
No. G8211	6-8 in.	20×19½×13 in.	45×26 in.	365 lbs.★	" 41.00
No. G9211	6-9 in.	20×19½×13 in.	45×26 in.	365 lbs.★	" 41.50
Water Front					extra " 4.00
When wanted of **Blue Steel** in place of Japanned, add to above prices					" 2.00

Use letters "B. S." after any above number when Blue Steel is wanted making, your order read thus,—"G8190-B. S. Gem Range."

Furnished only as shown. Order By name and number.

★*FOR SHIPMENT FROM FACTORY IN CHICAGO.*

STEEL COOK STOVES.

HOME "REV-O-NOC."

For Coal or Wood

Material—is made of the best Wellsville polished steel, protected from fire by inside steel linings, between which is a thickness of pure asbestos, which also retains the heat around the oven, and under the lids, not allowing it to escape into the room as it does through the plain cast iron sides of the ordinary cook stove.

Oven—is square made of the best steel obtainable to withstand greatest amount of heat. This oven is protected by cast plates to prevent warping.

Fire Box—Of heavy cast linings, built along lines of durability and economy.

Grate—is of the celebrated Duplex pattern when reversed makes splendid wood grate, when down coal grate.

Pouch Feed—entire length of fire box, prevents removal of pots cooking when fuel is to be fed.

End Draft—entire length of fire box, giving equal draft in front and back of fire box.

Ash Pan—Extra large, well baled.

Nickel—"White, beautiful and bright," lasts a long time and is as follows: nickel oven frame, panel and handle, ash pit door, ash guard, feed door, rail, tea pot stand and towel rod.

Without Reservoir.			With Reservoir.		
Nos.	H1816S	H1818S	Nos.	H1816R	H1818R
No. holes	4–8	4–8 in.	No. holes	4–8	4–8 in.
Size oven	16×18	18×18 in.	Size oven	16×18	18×18 in.
Size top	35×23½	37×23½ in.	Size top	41×21½	43×23½ in.
Weight	207	216 lbs.	Weight	255	270 lbs.
Each	$26.00★	32.00★	Each	$38.50★	41.00★
Water front	extra, each $4.50★		Water front	extra each $4.50★	

★*SHIPPED FROM STOCK OR FACTORY, WESTERN ILLINOIS.*

RUSSELL

No. R27.

For Coal or Wood.

Material—is made of smooth steel plate, well riveted and protected at the weakest points by asbestos.

Oven—is made of extra heavy steel riveted firmly together and amply protected to prevent warping.

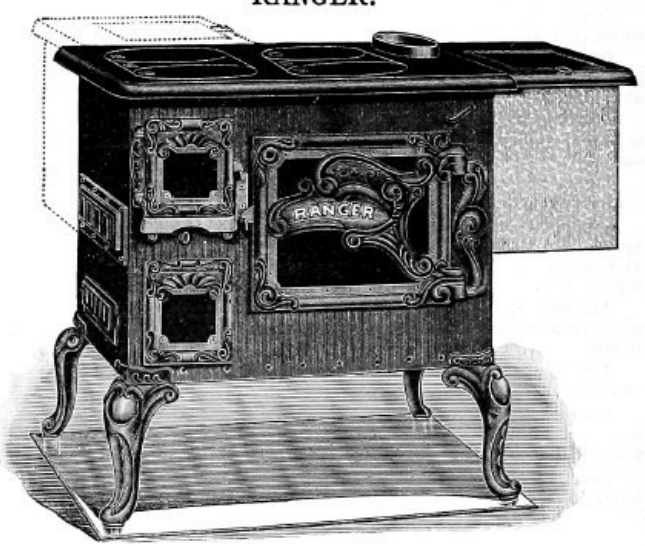
Flues—are of ample capacity and provided with clean-out in rear of ash pit, reached from front of stove.

Linings—are of cast iron, built on scientific principles, held firmly in place. The grate is shaking and dumping.

Reservoir—made of galvanized iron, can be used on end, top or back; heats by direct contact. (Not for No. R27.)

Steel Legs—No. R27 and R7 has steel legs turned so they may be bolted to the bottom of wagon.

RANGER.



Nos. R70 to R9.

Russell Without Reservoir.

No. R27—4 holes, 12×17×10 in. oven, 20×23 in. top, 15½ in. light fire box, 24 in. high, w't 100 lbs. ..... each $13.70

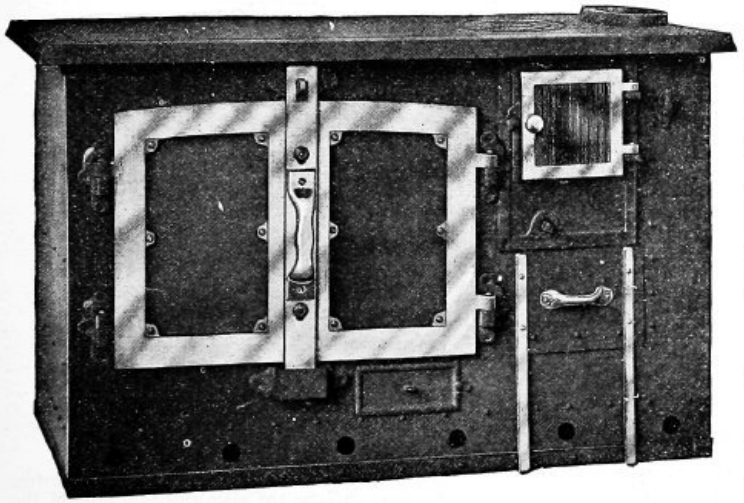
Ranger Without Reservoir.

Nos.	R70	R7	R80	R8	R88	R9
No. holes	4–7 in.	4–7 in.	4–8 in.	4–8 in.	4–8 in.	4–9 in.
Size oven	12×17×10	12×18×10	12×18×10	14×18×10	16×20×11	16×20×11 in.
Size top	20×23	22×25½	22×25½	22×28	24½×31	24½×31 in.
Lgt. fire box	15½	16½	16½	16½	18½	18½ in.
Height	24	25½	25½	25½	25½	25½ in.
Weight	102	115	118 lbs.	125	170	175 lbs.
Each	$14.50	16.80	17.80	19.70	22.50	24.50

Reservoir (any size on Ranger) ..... extra, each $3.00

HOTEL COOKS AND RANGES.

RANCH HOTEL STEEL COOK.



For any Coal or Wood.

Steel Plate Cook—Illustrated is built of extra heavy steel, all exposed walls lined with asbestos and protected by inner steel walls, hand riveted together, all rivets driven cold, preventing unequal expansion and contraction.

Oven—Is made of heavy steel plates firmly braced, preventing warping.

Oven Doors—Swing open in the center with less exertion than if all in one door. Has a bar extending from top to bottom, when door is closed clasps doors tight in two places.

Flue—Of sheet flue construction, heat passing over entire oven top in a broad sheet, giving heat to all points, down left end, under oven and up into smoke pipe in right end of cook, making entire circuit of stove, distributing *every unit* of heat where it can be used to best advantage. This flue system is more economical in use of fuel than any other.

Fire Box—Extra heavy, fitted with duplex grate.

Top—Stove is shipped when not otherwise specified, with 6–8 inch holes, heavy short centers and key plates.

Ash Pan—Large and roomy.

Finish—Body of polished steel, all trimmings such as feed door, oven door frames and handles are polished.

Recommendation—Especially suitable for camps, boarding houses, small hotels, etc.

	COOKING HOLES.	SIZE OVEN.	SIZE TOP.	SHIPPING WEIGHT.		
No. R6824	6–8 in.	24×24×17 in.	30½×43½ in.	490 lbs.★	each	$70.00
Water front					extra, "	9.00

If French Top (blank plates with one sectional cover reducing from 12½ in. to 5½) is desired, specify "French Top." (No additional charge for same.)

★*SHIPPED FROM FACTORY, QUINCY, ILL., ONLY.*

HOTEL RANGES.

For any Coal or Wood.

Hotel Range—Shown here is built of an extra heavy steel plate, hand riveted (all driven cold), double lined with heavy steel plates, between which is a layer of pure asbestos protecting the body wherever it comes in direct contact with the fire.

Ovens—Are made of a heavy gauge cold rolled steel, firmly braced to prevent warping. Top is protected by an air ventilated oven guard.

Oven Doors—Balanced by means of a heavy coil spring, located in bottom of ash pit, away from intense heat, makes doors easy to operate at all times.

Fire Box—Is very heavy, made to burn any kind of fuel, the grate is duplex and extra well made to stand intense heat and can be drawn out through door in front.

Flues—Are of ample capacity to give best results and of sheet flue construction.

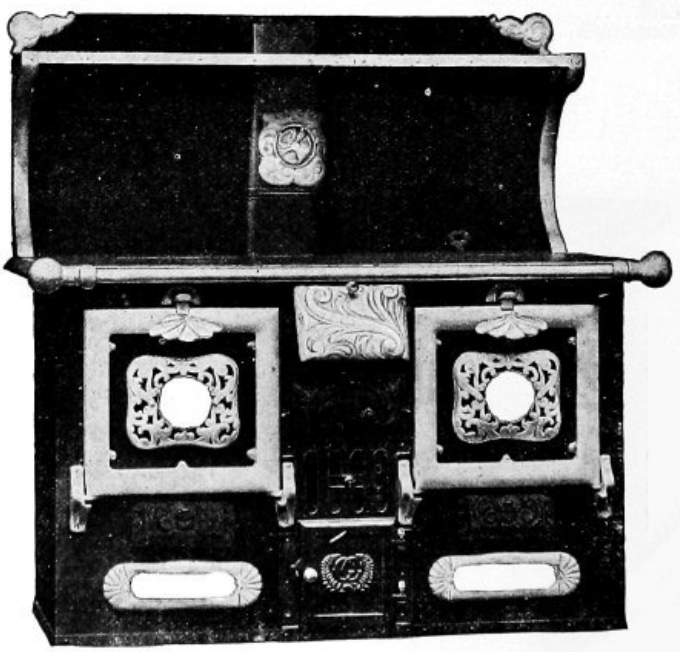
Dampers—Has a direct draft damper on top allowing direct draft up smoke pipe if desired, when closed heat can be sent around one oven at a time or both ovens at once by means of dampers in right and left top corners.

Ash Pan—Is large and of ample capacity, near the floor at such a distance away from grate, ashes cannot bank up under it and burn it out.

Top—Has 6–8 inch covers, or can be fitted with solid key plate or "French Top" with one large hole.

Finish—Body of polished steel, with following nickel plated parts, oven doors, oven door panels, handles and hinges, feed door, name plates, front bar and high closet.

Recommendation—A range suitable for small hotels, boarding houses, camps and domestic use.



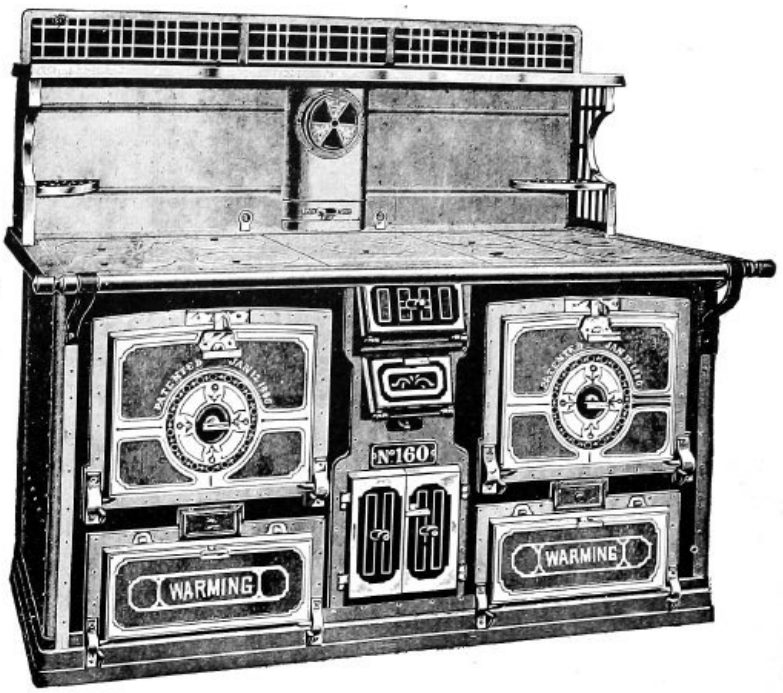
With High Shelf.

	COOKING HOLES.	SIZE OVEN.	SIZE TOP.	SHIPPING WEIGHT.		
No. H32-16S	6–8 in.	16×21×14 in.	51×29 in.	521 lbs.☆	each	$106.00
No. H34-18S	6–8 in.	18×21×14 in.	55×29 in.	566 lbs.★	"	110.00
			With High Closet.			
No. H32-16C	6–8 in.	16×21×14 in.	51×29 in.	535 lbs.★	"	112.00
No. H34-18C	6–8 in.	18×21×14 in.	55×29 in.	580 lbs.★	"	118.00
Water front					extra, "	10.00

If French top desired, specify "French Top." If solid top desired, "specify solid top." If not specified 6–8 inch hole top will be shipped.

★*SHIPPED FROM FACTORY IN CHICAGO.*

HOTEL RANGES.



SINGLE OVEN. With High Shelf.

Any number of these ranges can be joined together to form a "gang" of ranges.

NO.	SIZE OVEN.	SIZE TOP.	WEIGHT.	SINGLE SECTION EACH.
180	18×24×14 in.	45×35 in.	890 lbs.	$132.00
190	22×24×14 in.	50×35 in.	975 lbs.	160.00
1100	24×26×15 in.	52×39 in.	1200 lbs.	188.00

GANG RANGES, multiply price each by number.

High Closet for each section.....extra $21.00
Water Back for each section..... " 13.00

Nos. 180 and 190 have low warming closet.

Specify, by Use of Letter, Top Wanted.

For Nos. 180 and 190.

A	3 top plates with 6 9-in. holes.
B	3 top plates with 5 9-in. holes.
C	2 top plates with 2 13-in. holes.
D	2 solid plates.

For No. 1100.

E	3 top plates with 5 9-in. holes.
F	3 top plates with 6 9-in. holes.
G	4 top plates with 8 8-in. holes.
H	3 top plates with 4 9-in. holes and 1 13-in. hole.
I	3 top plates with 3 13-in. holes with rings and 6-in. covers.
J	3 solid plates.

Round Fire Box for Coal.

Oblong Fire Box for Wood.

Round fire box for coal shipped unless otherwise specified.

DOUBLE OVEN.

With Single Fire Box, High Shelf and Low Warming Closet.

NO.	SIZE OVEN.	SIZE TOP.	WEIGHT.	EACH.
150	12½×22×13 in.	55×30 in.	935 lbs.	$134.00
151	16 ×22×13 in.	60×30 in.	1050 lbs.	151.00
160	18 ×24×14 in.	68×32 in.	1175 lbs.	175.00
170	22 ×24×14 in.	76×32 in.	1300 lbs.	210.00

High Closet.....extra $35.00
Water Back..... " 13.00

Specify, by Use of Letter, Top Wanted.

For No. 150.

K	3 top plates with 4 8-in. holes and 1 9-in. hole.
L	3 top plates with 6 8-in. holes.
M	3 top plates with 6 9-in. holes.
N	4 top plates with 8 8-in. holes.
O	2 solid plates and 1 plate with 1 9-in. hole.
P	3 solid plates.

For No. 151.

Q	5 top plates with 8 8-in. holes and 1 9-in. hole.
R	5 top plates with 10 8-in. holes.
S	5 solid plates.

For Nos. 160 and 170.

T	5 top plates with 9 9-in. holes.
U	5 top plates with 10 9-in. holes.
V	5 top plates with 10 8-in. holes.
W	3 top plates with 3 13-in. holes.
X	2 solid plates and 1 plate with 1 13-in. hole.
Y	3 solid plates.

UNLESS OTHERWISE SPECIFIED, RANGES WILL BE SHIPPED AS PER ILLUSTRATIONS.

ALWAYS SPECIFY NUMBER OF RANGE, KIND OF FIRE BOX, KIND OF TOP (BY LETTER), WITH WATER BACK AND IF HIGH CLOSET IS WANTED IN PLACE OF SHELF.

THE HOTEL RANGES shown on this page are built of an extra heavy enameled steel, with extra heavy base and corner strips. The entire range is bolted together instead of riveted, so that any part can be replaced without difficulty.

THE OVENS are constructed of heavy gauge steel with a heavy iron frame around the back and front edges to prevent warping. The top of the oven is protected by a heavy iron cement filled plate.

THE OVEN DOOR is counter-balanced by a weight instead of a spring and closes against an iron frame instead of the raw edges of the steel. It is impossible for this oven door, at any time, to get out of order. It is also fitted with a ventilator, so that the temperature of the oven can be regulated to a nicety.

THE END FLUES where the intense heat strikes first on its downward course, are lined with **brick tiling.** The back flues are of **iron.**

FIRE POT. Where coal is used for fuel, we furnish a round pot, or we can furnish a wood fire pot, built especially to burn wood, if so desired.

WEIGHTS. Carefully note the weights of all these ranges. Remember when buying a hotel range, it is not a question of how cheap a range can be bought, but it is a question of **how heavy** the range is made and its **lasting qualities.**

MAKERS. These ranges are made by one of the largest hotel range people in the United States, whose ranges are today used in many of our warships (also those of foreign countries), steamboats, lake steamers, large hotels, and public institutions all over the United States.

RECOMMENDATION. To those desiring **A FIRST CLASS HOTEL RANGE,** buy either of these ranges. They may cost a little more to buy, but your future expense is reduced to a minimum.

CAST IRON RANGES.

REGAL XMOR, FOR COAL.

Cast High Shelf for Regal Xmor.

No. CR772.

This brand new model represents the latest and best construction in a high grade cast range and is the best article that we know how to produce, regardless of expense. The public is going back to the use of the cast range, and particularly to the use of the high grade cast range. We have brought out this design in order to be able to supply the demand for such an article

The materials used are of the best, and especial care is taken in the mounting of every one of this model and the finish is unexcelled. The design speaks for itself; plain and massive.

We can furnish this range, either plain or with a low back guard and tea shelves, or with a cast high shelf, or with a steel high closet We recommend that it be taken with a steel high closet.

The large hearth draws to the front to allow the ash pan to be removed. The reservoir on the reservoir styles is extra large and is made of cast iron, enameled inside.

The oven sizes given are the actual measurements of the oven bottom and do not include the swell of the oven door.

One sectional cover is furnished with each range. These ranges are all fitted with duplex grate, and have an oven thermometer.

The nickel parts are the top ornaments on high closet, the high closet bands and corners, high closet door lift, high closet brackets, tea shelves, check draft front band and corners of the main top of the stove, name plate panel, hearth front, oven shelf, oven door panel and towel rod.

The high closet on those styles, where it is furnished, is made of polished steel, and the ornaments well nickeled and buffed.

FOR FURTHER DESCRIPTION AND PRICES SEE PAGE 1036K.

CAST IRON RANGES.

REGAL XMOR, FOR COAL.

FOR ILLUSTRATION AND DESCRIPTION SEE OPPOSITE PAGE.

With Steel High Closet, Without Reservoir.

No.	Cooking Holes, in.,	Size of Oven, in.,	Size Top, in.,	Shipping W't, lbs.,	Each
C770	6-8	18 ×18×12	34½×27½	480	$57.50
C771	6-9	18 ×18×12	34½×27½	480	57.50
C772	6-8	19¾×20×12½	35 ×28	500	61.50
C773	6-9	19¾×20×12½	35 ×28	500	61.50

With Steel High Closet and Reservoir, as shown in cut.

CR770	6-8	18 ×18×12	45½×27½	550	$67.50
CR771	6-9	18 ×18×12	45½×27½	550	67.50
CR772	6-8	19¾×20×12½	46 ×28	570	71.50
CR773	6-9	19¾×20×12½	46 ×38	570	71.50

With Cast High Shelf, Without Reservoir.

S770	6-8	18 ×18×12	34½×27½	515	$56.00
S771	6-9	18 ×18×12	34½×27½	515	56.00
S772	6-8	19¾×20×12½	35 ×28	535	60.00
S773	6-9	19¾×20×12½	35 ×28	535	60.00

Steel High Closet, if wanted, extra, - - - each $9.00
Cast High Shelf, if wanted, extra, - - - " 7.50

With Cast High Shelf and Reservoir.

No.	Cooking Holes, in.,	Size of Oven, in.,	Size Top, in.,	Shipping W't, lbs.,	Each
SR770	6-8	18 ×18×12	45½×27½	585	$66.00
SR771	6-9	18 ×18×12	45½×27½	585	66.00
SR772	6-8	19¾×20×12½	46 ×28	605	70.00
SR773	6-9	19¾×20×12½	46 ×28	605	70.00

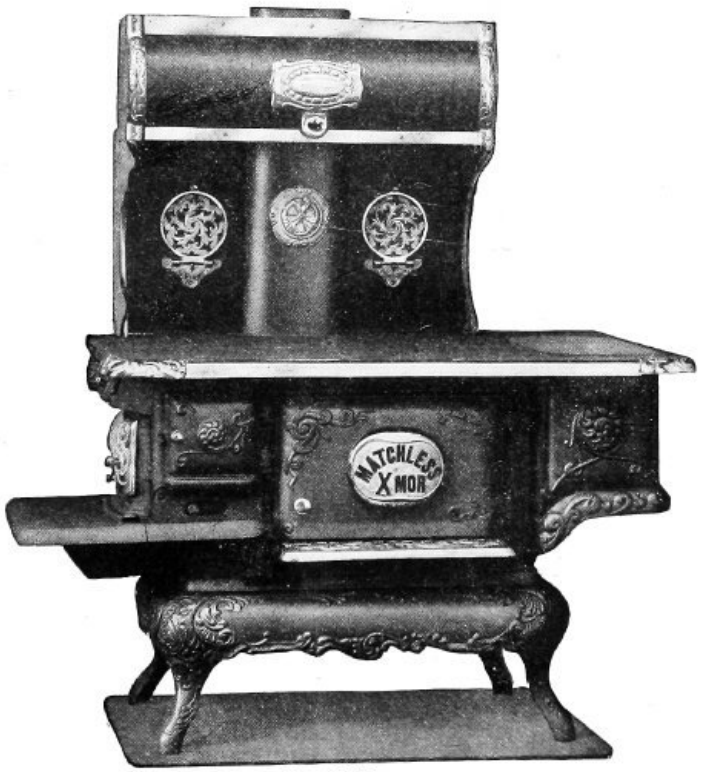
With Low Back Guard and Nickeled Tea Shelves Only, Without Reservoir.

770	6-8	18 ×18×12	34½×27½	430	$48.50
771	6-9	18 ×18×12	34½×27½	430	48.50
772	6-8	19¾×20×12½	35 ×28	450	52.50
773	6-9	19¾×20×12½	35 ×28	450	52.50

With Low Back Guard and Nickeled Tea Shelves Only, and Reservoir.

R770	6-8	18 ×18×12	45½×27½	500	$58.50
R771	6-9	18 ×18×12	45½×27½	500	58.50
R772	6-8	19¾×20×12½	46 ×28	520	62.50
R773	6-9	19¾×20×12½	46 ×28	520	62.50

Steel High Closet, if wanted, extra, - - - each $9.00
Cast High Shelf, if wanted, extra, - - - " 7.50



No. CR353.

THE MATCHLESS XMOR, FOR COAL.

Another new model, somewhat cheaper than the Regal Xmor, but still a thoroughly good, large sized, well made range. The ornamentation is very plain, following the modern tendency, and this makes the range a very handsome one.

The materials and mounting are exactly the same as in the Regal Xmor. The range is well made in every particular. This range is made only in one size, that is with an 18 in. oven, either with 8 or 9 in. top.

We can furnish it either plain or with a low back guard, or with a cast high shelf, or with a steel high closet, as shown in cut, the latter is the popular seller.

The reservoir of this range is of cast iron, enameled inside. One sectional cover is furnished on each range. This range has a duplex grate.

The nickel parts are the high closet bands and corners, high closet door lift, high closet brackets, tea shelves, check draft, front band and corners of the main top of the stove, name plate panel, oven door panel, oven shelf and towel rod.

The high closet on those styles, where it is furnished, is made of polished steel, and the ornaments are well nickeled and buffed.

With Low Back Guard Only, Without Reservoir.

No.	Cooking Holes, in.,	Size of Oven, in.,	Size Top, in.,	Shipping W't, lbs.,	Each
353	6-8	18×18×11	30×38	365	$40.00
354	6-9	18×18×11	30×38	365	40.00

With Low Back Guard, with Reservoir.

R353	6-8	18×18×11	30×48	420	$49.00
R354	6-9	18×18×11	30×48	420	49.00

With Cast High Shelf, Without Reservoir.

S353	6-8	18×18×11	30×38	430	$47.50
S354	6-9	18×18×11	30×38	430	47.50

High Closet, if wanted, extra, shipping w't 50 lbs., - each $7.50
Cast High Shelf, if wanted, extra, shipping w't 65 lbs., " 7.50
Oven Thermometer, if wanted, extra, - - " 1.50

With Cast High Shelf, with Reservoir.

No.	Cooking Holes, in.,	Size of Oven, in.,	Size Top, in.,	Shipping W't, lbs.,	Each
SR353	6-8	18×18×11	30×48	485	$56.50
SR354	6-9	18×18×11	30×48	485	56.50

With Steel High Closet, Without Reservoir.

C353	6-8	18×18×11	30×38	415	47.50
C354	6-9	18×18×11	30×38	415	47.50

With Steel High Closet, with Reservoir.

CR353	6-8	18×18×11	30×48	470	56.50
CR354	6-9	18×18×11	30×48	470	56.50

High Closet, if wanted, extra, shipping w't 50 lbs., - each $7.50
Cast High Shelf, if wanted, extra, shipping w't 65 lbs., " 7.50
Oven Thermometer, if wanted, extra, - - - " 1.50

CAST IRON COOK STOVES.

Xmor Square Oven Line.

XMOR PERFECT, FOR WOOD.

Square Top, without Reservoir.

	COOKING HOLES, IN.	WILL BURN WOOD, IN.	SIZE OVEN, IN.	SIZE TOP, IN.	SHIPPING WEIGHT	EACH
No. 716,	4—7	20	16×18	23×25½	189	$17.40
No. 816,	4—8	20	16×18	23×25½	193	17.40
No. 718,	4—7	22	18×20	23×27½	208	21.00
No. 818,	4—8	22	18×20	23×27½	207	21.00
No. 820,	4—8	24	20×22	25×29½	247	25.20
No. 920,	4—9	24	20×22	25×29½	250	25.20

The end shelf adds a trifle over 7 in. to the length of top as shown.

With Reservoir.

	COOKING HOLES, IN.	WILL BURN WOOD, IN.	SIZE OVEN, IN.	SIZE TOP, IN.	SHIPPING WEIGHT	EACH
No. R816,	4—8	20	16×18	23×36	226	$25.80
No. R718,	4—7	22	18×20	23×38	240	30.50
No. R818,	4—8	22	18×20	23×38	242	30.50
No. R820,	4—8	24	20×22	25×40	288	34.70
No. R920,	4—9	24	20×22	25×40	287	34.70

XMOR PRIDE, FOR WOOD.

Square Top, without Reservoir.

	COOKING HOLES, IN.	WILL BURN WOOD, IN.	SIZE OVEN, IN.	SIZE TOP, IN.	SHIPPING WEIGHT	EACH
No. 716,	4—7	20	16×18	23×25½	197	$20.40
No. 816,	4—8	20	16×18	23×25½	204	20.40
No. 718,	4—7	22	18×20	23×27½	218	24.20
No. 818,	4—8	22	18×20	23×27½	220	24.20
No. 820,	4—8	24	20×22	25×29½	262	28.40
No. 920,	4—9	24	20×22	25×29½	259	28.40

The end shelf adds a trifle over 7 in. to the length of top as shown.

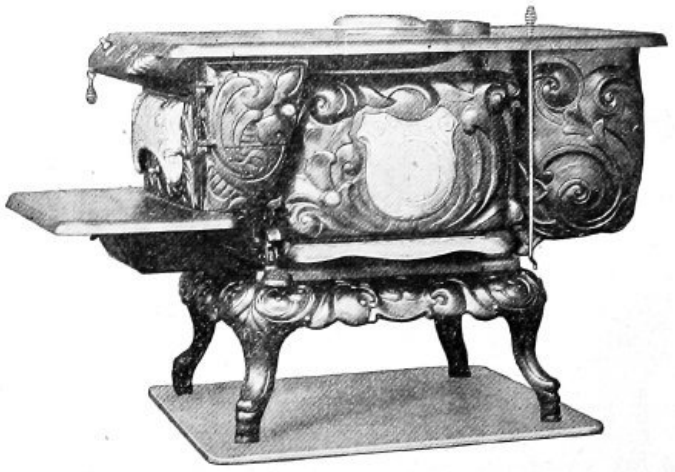
With Reservoir.

	COOKING HOLES, IN.	WILL BURN WOOD, IN.	SIZE OVEN, IN.	SIZE TOP, IN.	SHIPPING WEIGHT	EACH
No. R816,	4—8	20	16×18	23×36	234	$28.90
No. R718,	4—7	22	18×20	23×38	257	32.60
No. R818,	4—8	22	18×20	23×38	257	32.60
No. R820,	4—8	24	20×22	25×40	299	37.80
No. R920,	4—9	24	20×22	25×40	300	37.80

The Xmor Perfect and the Xmor Pride are constructed with a draw-out hearth slide. On the Xmor Perfect the only nickeled part is the name-plate. The Xmor Pride has nickel plated oven shelf, kicker, besides the oven shelf and name-plate, tea-pot stand and towel rod, and sets on a base. The sizes given on ovens are accurate and include the swell of the oven doors. Take notice that our ovens in the 18 in. size are 18×20 in. It is customary with many manufacturers to list their ovens according to the larger dimension instead of the smaller. The goods shown on this page are not carried in Chicago stock, but are shipped from foundry in southern Illinois, and freight will be equalized with either St. Louis or Chicago. We ship all cook stoves crated. USE BOTH NAME AND NUMBER IN ORDERING.

CAST IRON COOK STOVES.

SUPERIOR XMOR, FOR COAL.



These Stoves are Mounted on Base, with Nickeled Nameplate, Oven Door Panel, Oven Shelf, Tea Pot Shelf and Towel Rod.

Without Reservoir.

	COOKING HOLES, IN.	SIZE OF OVEN, IN.	SIZE TOP, IN.	SHIPPING W'T, LBS.	EACH
No. 741	4—8	16×18	27 ×24	260	$28.00
No. 743	4—8	18×20	28½×25½	310	32.00
No. 744	4—9	18×20	28½×25½	310	32.00

With Reservoir.

	COOKING HOLES, IN.	SIZE OF OVEN, IN.	SIZE TOP, IN.	SHIPPING W'T, LBS.	EACH
No. R741	4—8	16×18	37½×24	320	$36.00
No. R743	4—8	18×20	39½×25½	375	40.00
No. R744	4—9	18×20	39½×25½	375	40.00

The sizes of the oven as given do not include the swell of the door. In No. 743 for instance, the bottom oven plate itself is full 18 inches across. The cast back shelf adds 6½ inches to the length of the top given above. Reservoirs, detachable, if wanted extra for any size, each $9.00.

FAMOUS XMOR, FOR COAL.

Plain. Mounted on Legs.

Without Reservoir.

	COOKING HOLES, IN.	SIZE OF OVEN, IN.	SIZE TOP, IN.	SHIPPING W'T, LBS.	EACH
No. 741	4—8	16×18	27 ×24	240	$24.00
No. 743	4—8	18×20	28½×25½	290	28.00
No. 744	4—9	18×20	28½×25½	290	28.00

With Reservoir.

	COOKING HOLES, IN.	SIZE OF OVEN, IN.	SIZE TOP, IN.	SHIPPING W'T, LBS.	EACH
No. R741	4—8	16×18	37½×24	300	$32.00
No. R743	4—8	18×20	39½×25½	355	36.00
No. R744	4—9	18×20	39½×25½	355	36.00

The sizes of the oven as given do not include the swell of the door. In No. 743 for instance, the bottom oven plate itself is full 18 inches across. The cast back shelf adds 6½ inches to the length of the top given above. Reservoirs, detachable, if wanted extra for any size, each $9.00.

The line of cast cook stoves for coal, shown on this page, both the Superior Xmor and Famous Xmor, are first class high grade stoves, heavier and larger than the Xmor Reliable and Xmor Model shown on page 1036M. The Superior Xmor is the same stove in every way as the Famous Xmor, but is a full nickeled stove on a base instead of legs, this being the only difference between the two stoves. The quality of the Famous Xmor and Superior Xmor is exactly the same, the same careful workmanship, and high grade material entering into both. We want to call attention particularly to the sizes. These are exact. In other words the stove is an honestly made one in every particular. The prices are especially favorable when quality is taken into consideration. These stoves have a full draw hearth and are so arranged that a reservoir can be mounted on by anyone. If you buy a square stove and afterward wish to change it into a reservoir stove, all that is necessary is to secure a reservoir and the reservoir castings, unbolt the back plate and bolt on the reservoir. This is a feature not possessed by any but high class goods. This is a great convenience for the dealer who does not wish to double up too much on his stock. Prices for extra reservoirs are shown above. On the reservoir styles, the reservoir is fully enclosed and is flush with the top. It is removable for cleaning. The tank is of cast iron, enameled inside. By taking out the end linings, this stove is a perfect wood burner and has a full length wood fire box. All these stoves are strictly F. O. B. Chicago. Use both name and number when ordering.

CAST IRON COOK STOVES.

RADIANT XMOR, FOR WOOD.

Mounted on Base, with Nickeled Name Plate, Oven Door Panel, Oven Shelf, Tea Pot Shelf and Towel Rod.

Without Reservoir.

	COOKING HOLES. IN.	SIZE OVEN, IN.	SIZE TOP, IN.	BURNS WOOD, IN.	SHIPPING W'T. LBS.	EACH
No. 473	4—8	16×18	27½×24½	22½	220	$25.50
No. 476	4—8	18×20	28½×25½	24½	250	29.50
No. 477	4—9	18×20	28½×25½	24½	250	29.50
No. 478	4—8	20×22	30 ×26½	26½	275	33.50
No. 479	4—9	20×22	30 ×26½	26½	275	33.50

With Reservoir.

	COOKING HOLES. IN.	SIZE OVEN, IN.	SIZE TOP, IN.	BURNS WOOD, IN.	SHIPPING W'T. LBS.	EACH
No. R473	4—8	16×18	37½×24½	22½	285	$33.50
No. R476	4—8	18×20	39 ×25½	24½	335	37.50
No. R477	4—9	18×20	39 ×25½	24½	335	37.50
No. R478	4—8	20×22	40½×26½	26½	360	41.50
No. R479	4—9	20×22	40½×26½	26½	360	41.50

The sizes of the oven as given do not include the swell of the door. In No. 476, for instance, the bottom oven plate is full 18 inches across. The cast back shelf adds 6½ inches to the length of top given above. Reservoirs, detachable, if wanted extra for any size, each, $9.00.

PEERLESS XMOR, FOR WOOD.

Plain, Mounted on Legs.

Without Reservoir.

	COOKING HOLES. IN	SIZE OVEN, IN.	SIZE TOP, IN.	BURNS WOOD, IN.	SHIPPING W'T. LBS.	EACH
No. 473	4—8	16×18	27½×24½	22½	200	$21.50
No. 476	4—8	18×20	28½×25½	24½	230	25.50
No. 477	4—9	18×20	28½×25½	24½	230	25.50
No. 478	4—8	20×22	30 ×26½	26½	255	29.50
No. 479	4—9	20×22	30 ×26½	26½	255	29.50

With Reservoir.

	COOKING HOLES. IN.	SIZE OVEN, IN.	SIZE TOP, IN.	BURNS WOOD, IN.	SHIPPING W'T. LBS.	EACH
No. R473	4—8	16×18	37½×24½	22½	265	$29.50
No. R476	4—8	18×20	39 ×25½	24½	315	33.50
No. R477	4—9	18×20	39 ×25½	24½	315	33.50
No. R478	4—8	20×22	40½×26½	26½	340	37.50
No. R479	4—9	20×22	40½×26½	26½	340	37.50

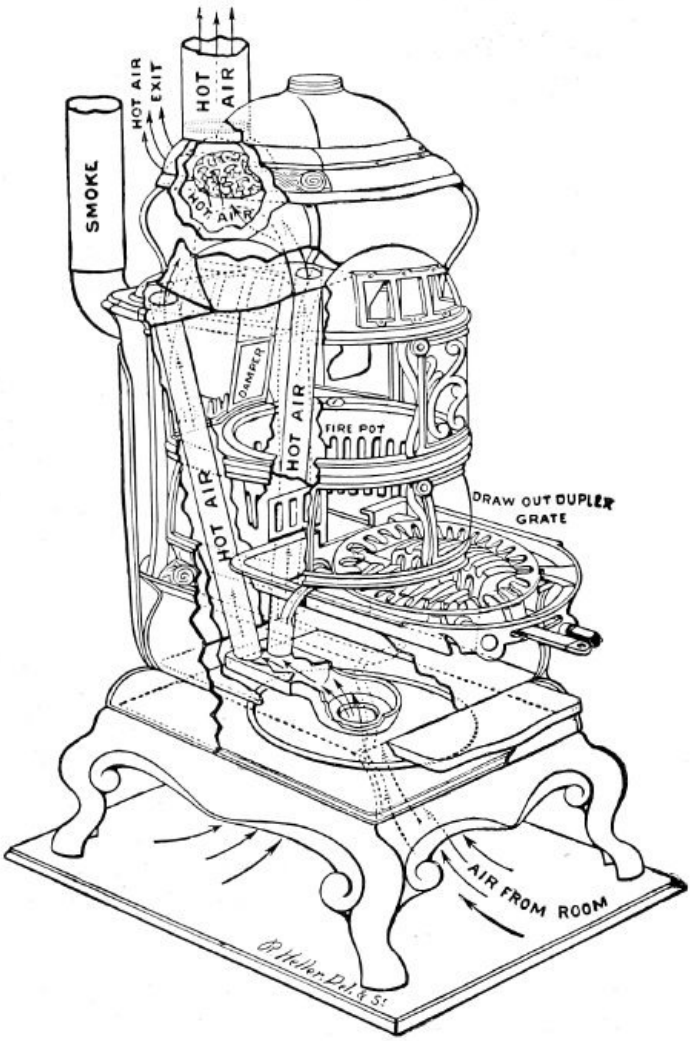
The sizes of the oven as given do not include the swell of the door. In No. 476, for instance, the bottom oven plate is full 18 inches across. The cast back shelf adds 6½ inches to the length of top given above. Reservoirs, detachable, if wanted extra for any size, each, $9.00.

The line of cast cook stoves for wood, shown on this page, both the Radiant Xmor and Peerless Xmor, are first-class high grade stoves, heavier and larger than the Xmor Perfect and Xmor Pride shown on page 1036L.

Tee Radiant Xmor is the same stove in every way as the Peerless Xmor, but is a full nickeled stove on a base instead of legs, this being the only difference between the two stoves. The quality of the Radiant Xmor and Peerless Xmor is exactly the same, the same careful workmanship and high grade material entering into both. We want to call attention particularly to the sizes. These are exact. In other words the stove is an honestly made one in every particular. The prices are especially favorable when quality is taken into consideration. These stoves have a full draw hearth and are so arranged that a reservoir can be mounted on by anyone. If you buy a square stove and afterward wish to change it into a reservoir stove, all that is necessary is to secure a reservoir and the reservoir castings, unbolt the back plate and bolt on the reservoir. This is a feature not possessed by any but high class goods. This is a great convenience for the dealer who does not wish to double up too much on his stock. Prices for extra reservoirs are shown above. On the reservoir styles, the reservoir is fully enclosed and is flush with the top. It is removable for cleaning. The tank is of cast iron, enameled inside. All these stoves are strictly F. O. B. Chicago. Use both name and number when ordering.

HARD COAL BASE BURNERS.

PREMIER "REV-O-NOC."



The Premier Base Burner—Is of massive proportions, beautifully nickeled, and has special talking points not found in any other base burner, placing it in a class by itself. A selling specialty is sought by every progressive merchant. It places him beyond competition.

Material—Is constructed of the finest grade of gray cast iron, moulded in a foundry where every workman is an artist. By a special process all blow holes and flaws are eliminated.

Fitting—Each piece is fitted with special care, all joints ground absolutely perfect preventing any escape of gases into the room.

Ventiduct System—The principle of creating additional radiating surface by means of hot air pipes inside of stove has been attempted but not successfully until in this stove, because in using hot air pipes, the outside radiating surface has always been reduced and all that was gained inside was lost on outside surface. Here we have added instead of taken from, by the introduction of hot air tubes *inside the flues,* increasing the outside radiating surface fully 1,000 square inches over the ordinary two flues with hot air pipe between. The cold air is taken from the floor of the room through a large opening at the center of the bottom plate, carried along the base to the perpendicular steel heating tubes at the back thence through these tubes to the top of the stove, becoming thoroughly heated, where it finds its exit into the room.

Circulation—By taking cold air from floor and passing through these hot tubes a constant, complete and vigorous circulation is established, equalizing the temperature in different parts of the room, making it comfortable in the remotest corners of the room.

Double Heater—The special ventiduct system above makes this the most powerful double heater. A hot air pipe attached will carry as much heat to room upstairs as from a hot air furnace.

Bottom Flues—Have no sharp corners, are of horse-shoe type, giving greater floor warming capacity than the ordinary kind.

Fire Pot—Is extremely heavy, full size with long teeth on bottom, admitting air under fuel, creating an absolute perfect combustion.

Bottom Grate—Is duplex, very heavy and durable, fitted with an annular shaking ring (anti-clinker), and is "removable." All ashes are easily and quickly removed without opening doors, preventing escape of ashes and gases into room.

Magazine—Of ample capacity, so fitted it is impossible for fuel to burn up into the magazine under proper conditions.

Magazine Cover—Carefully ground, fits perfectly tight and works automatically with swinging of top.

Mica Surface—Is very extensive, radiating a bright, cheerful glow into the room.

Nickel—"White, beautiful and bright," lasts a long time, of mirror finish and is as follows: Base and legs, foot rails, ash guard, ash door, name plate, wings, dome, swing top and a beautiful 4-wing urn.

Design—Of the Premier is pleasing in its plain, highly polished ornamentation, making a rich, handsome appearance, fit to grace any parlor. To those who desire the best we cheerfully recommend this elegant, high-class base burner.

	DIAMETER FIRE POT.	HEIGHT TO BASE OF URN.	SHIPPING WEIGHT.	EACH.
No. 14P	14 in.	54 in.	415 lbs.	$63.00
No. 15P	15 in.	55½ in.	465 lbs.	69.50
No. 17P	17 in.	58 in.	548 lbs.	77.50

Order by name and number.

HARD COAL BASE BURNERS.

STANDARD "REV-O-NOC."

Nos. 412S to 416S.

A High Grade, modern, hard coal base burner at a low price, making it an exceedingly popular seller.

Material—This base burner is made of the best iron obtainable, by expert workmen, insuring perfect mounting and fitting.

Doors and Joints—Are absolutely tight.

Bottom Flues—Are large, of the sheet flue construction, making a perfect floor warmer.

Ventiduct Flues—Extend up from the base on each back corner, being large and next to the hot air flues furnish an extreme amount of hot air.

Double Heater Attachment—A pipe can be connected to the top of the ventiduct flues and to a register in the floor of room above and a satisfactory heat can be secured in this room.

Circulation—The ventiduct takes up the pure air from the floor, heats it and discharges it above, giving a pure warm air at all times in all parts of the room.

Fire Pot—Extra heavy, of the removable pattern.

Grate—This stove is fitted with the popular duplex grate and annular shaking ring, by which the fire pot can be cleaned easily without poking through mica door, avoiding dust and gases in the room.

Mica—Surface is large, throwing a warm glow into the room, making a cheerful, homelike appearance.

Nickel—"White, beautiful and bright," lasts a long time and is as follows:—Dome top, swing top, side wings, name plate, foot rails, ash pit door, base and legs and a beautiful spun urn.

Design—Of this base burner is a unit from base to urn, no superficial ornamentation, every piece of nickel is a necessary part of a most pleasing pattern, showing excellent taste.

	DIAMETER FIRE POT.	HEIGHT TO BASE OF URN.	SHIPPING WEIGHT.	EACH.
No. 412S	12 in.	50 in.	281 lbs	$43.50
No. 413S	13 in.	51 in.	311 lbs	48.50
No. 414S	14 in.	52 in.	330 lbs	53.50
No. 416S	16 in.	53 in.	370 lbs	59.00

BRILLIANT "REV-O-NOC."

A Splendid low priced hard coal base burner embodying all essential features of higher priced base burners.

Material—Of the best cast iron, every stove mounted and fitted with special care.

Ventiduct Flues—Are of extra capacity, making a wonderful heat radiator, taking air from the floor and discharging it above perfectly hot.

Bottom Flues—Of the sheet flue construction insuring a large volume of heat at the base, result, warm floor.

Double Heater Arrangement—A pipe can be fitted to the double heater collar and connected to room above, giving as much heat as can be secured from an ordinary 7-in. warm air furnace pipe.

Fitting—Every stove is perfectly fitted, doors and dampers absolutely tight, making this stove an excellent fire keeper and fuel saver.

Fire Pot—Can be removed through lower mica door, without removing a single bolt.

Grate—Is the regular duplex pattern with annular shaking ring.

Magazine Cover—Works automatically and fits perfectly tight, preventing coal burning up into magazine.

Mica—Surface is large, throwing a warm glow into the room, making a cheerful, homelike appearance.

Nickel—Is "white, beautiful and bright," and is as follows:—Top dome, swing top, name plate, foot rails, base and legs, topped with a handsome urn.

Design—Very pleasing, carving being bold, nickel with much bright surface, making a base burner very pleasing to the eye, as well as being a big heater.

	DIAMETER FIRE POT.	HEIGHT TO BASE OF URN.	SHIPPING WEIGHT.	EACH.
No. 312B	12 in.	48 in.	260 lbs	$39.50
No. 313B	13 in.	49 in.	285 lbs	44.50
No. 314B	14 in.	50 in.	305 lbs	49.50
No. 316B	16 in.	51 in.	329 lbs	54.00

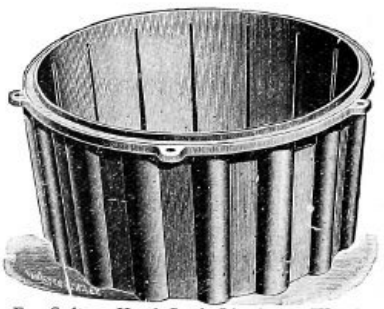
Order by name and number.

Nos. 312B to 316B.

OAK STOVES.

PREMIER "REV-O-NOC."

Nos. P612 to P620.



For Soft or Hard Coal, Lignite or Wood.

Description—The PREMIER REV-O-NOC is made of the finest mixture of pig iron that can be had, and analysis has proven that the mixture used will stand use longer than the ordinary kind. The polished drum is made of Wood's double refined charcoal, sheet iron, cold rolled, will not flake off and will hold its color.

Fire Pot—In the walls are cast a number of self cleaning slots extending from top to bottom through which air is heated and thrown onto the fire forming a perfect combustion by consuming all gases. The air after entering in ash pit passes into these slots and not up under the grate. In this patented firepot the fire burns on outside edge not in the center. Practically indestructible on account of air circulating through walls. Cannot clog with ashes because slots are larger at bottom than at top, a very desirable feature.

Ash Pit—And bottom are cast in one piece without joints, making it always air tight. Enabling fire to be held indefinitely.

Doors—Are all tightly fitted, as are also the registers by ground joints, making it impossible for air to be drawn in. The locks are of malleable iron on a double iron incline. A great improvement on the screw registers.

Joints—The steel body is mounted in air tight pocket joints that cannot open. It is not bolted, so cannot buckle.

Finish—Castings are richly carved, the large square base and skirting, making stove large and massive. The elaborate nickel foot rail and brackets effectually conceal the fire pot. The urn base, name plate and registers are handsomely nickeled.

A Word—This stove has been before the American public many years and its greatly increasing popularity places it in a class by itself. It is a "Specialty." Dealers secure their own profits on it.

	SIZE FIRE POT.	HEIGHT TO BASE URN.	SHIPPING WEIGHT.	EACH.
No. P612	12	41½	200 lbs.	$25.50
No. P614	14	43½	235 lbs	29.50
No. P616	16	46	285 lbs.	33.00
No. P618	18	49	335 lbs.	38.00
No. P620	20	60	400 lbs.	43.50
No. P618½	18	61	360 lbs.	42.00
No. P620½	20	72	425 lbs.	47.50

Nos. 618½ and 620½ have extra ½ section, otherwise same as Nos. 618 and 620.

SILVER "REV-O-NOC."

Nos. S151 to S191.

Description—Built of the best material, with extra heavy polished cold rolled steel drum, will retain color and not flake.

Fire Pot—Extra heavy fitted with cups, into which castings and drum fit, making a perfectly tight connection.

Ash Pit—Fitted with special care, grate shakes from rightside, ground door joints, with screw registers, making air tight base. Shaking grate, through small door on side overcomes necessity of opening entire ash pit door, preventing much dust and dirt escaping.

Grate—Extra heavy, of approved draw center style, shakes easily and cleanly.

Ornamentation—Nickel "White, bright and beautiful," and as follows: Nickel base and legs, screw registers, name plate wings, urn top and beautiful spun urn.

Style—The "snap and go" to this oak will please the progressive, modern merchant. At last he can buy a high grade, full nickel oak at a marvelously low price. Samples on the floor will prove its extraordinary salability. Universal use will prove its wonderful durability.

	SIZE FIRE POT.	HEIGHT TO BASE URN.	SHIPPING WEIGHT.	EACH.
No. S151	13¾	42	155 lbs.	$19.50
No. S171	15¾	44	175 lbs.	23.00
No. S191	18	46½	195 lbs.	25.50
No. S191½	18	58½	210 lbs.	28.50

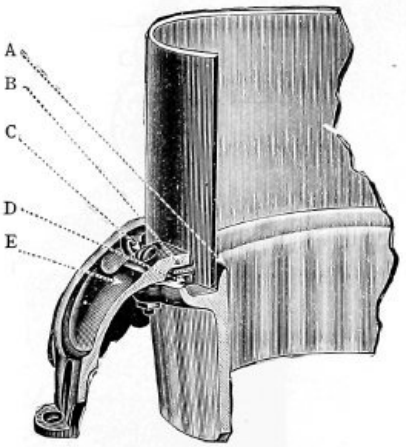
No. 191½ has extra ½ section, otherwise same as No. 191.

OAK STOVES.

GRAND.

Nos. 13 to 21.

For Hard Coal, Soft Coal or Wood.



Description—Made of the highest grade of pig iron. No. 18 cold rolled steel body, fitted and mounted with extra care.

Fire Pot—Corrugated, extra heavy, large and deep, built to stand enormous heat.

Air Tight Feature—No putty is necessary to make joint between body and fire bowl tight. We call your attention to sectional cut above; the inner lip of fire bowl "A" is beveled and the heavy body (18 gauge) is driven down on this bevel until absolutely tight. At several points the lower edge of body is cut and turned over, as shown at the point "B," on the lug "D" cast on the edge of the bowl. The cast rim "E" that holds the nickel rail is then bolted down on the edge of the body and held in place by bolt "C," both head and nut of which are entirely outside of stove, where they can never burn off, at same time easy to get at. The bevel on fire pot just inside of body will fill with fine ashes making in addition to perfect joining, an absolutely *air tight* stove. The doors are all ground perfectly, fitted with screw registers, and lever handle locks, all air tight features.

Grate—Of draw center pattern, extra heavy.

Finish—Nickel foot and top rail (steel never break), panels, registers, urn, etc.

	SIZE FIRE POT	HEIGHT TO BASE URN.	SHIPPING WEIGHT.	EACH.
No. 011	11¼ in.	35½ in.	80 lbs.	$11.60
No. 13	12½ in.	40¾ in.	111 lbs.	13.60
No. 15	14½ in.	43 in.	132 lbs.	16.00
No. 17	16¼ in.	46 in.	163 lbs.	18.70
No. 19	18¼ in.	48 in.	191 lbs.	22.20
No. 21	20½ in	50½ in.	212 lbs.	27.50
No. 19½	18¼ in.	60 in.	212 lbs.	25.60
No. 21½	20½ in.	62½ in.	245 lbs.	31.00

G19½ and G21½ has extra ½ section, otherwise same as G19 and G21.

XMOR OAK.

Nos. 9 to 18.

Description—The pig iron used in the construction of this Oak is of the best grade, the steel drum of heavy gauge and will not peel off. The stove is mounted with great care and all fittings are perfect. Out of the thousands of this stove sold by us in past three years we have never had a complaint.

Fire Pot—Is extra heavy, corrugated, and the best fire pot ever put in a low priced oak.

The Grate—is draw center pattern, heavy and durable.

Air Tight Features—The steel drum is swedged into a cup in top of fire pot, the outer cast ring on which foot rail hangs is brought over this connection and drawn tight by bolts on the outside. A cast protection rim circles entire pot, protecting steel where it joins fire pot, a feature not found on similar low priced Oaks. All doors have lever locks, enabling doors to be brought perfectly tight, a decided improvement on ordinary latches. Ash pit is made in two pieces, the bottom being of cast iron not steel, as is so often used. Grate is shaken through small door on side of ash pit, doing away with opening large ash pit door allowing dust to escape.

Finish—Nickel foot and top rail (steel never break), panels, registers, urn, etc.

A Fact—We have never lost a customer on the Xmor Oak, it has given universal satisfaction and is positively THE BEST OAK at the price on the market. There may be cheaper Oaks, but price does not always indicate that it will give satisfaction.

	SIZE FIRE POT.	HEIGHT TO BASE URN.	SHIPPING WEIGHT.	EACH.
No. 9	9 in.	32 in.	50 lbs.	$ 6.80
No. 10	10 in.	34½ in.	60 lbs.	8.40
No. 12	12 in.	36½ in.	76 lbs.	10.50
No. 14	14 in.	39 in.	104 lbs.	12.60
No. 16	16 in.	42 in.	125 lbs.	14.70
No. 18	18 in.	45 in.	143 lbs.	18.90

WOOD HEATING STOVES.

THE XMOR SCORCHER.

Nos. 118 to 130.

The XMOR SCORCHER is the latest design in a steel box stove. It has a heavy steel body, cast top and bottom, with ash door and swinging top to admit fuel.

Nos. 18 to 30.

With Cast Front Feed Door, Nickeled Urn Base and Nickel Rails.

No. 118—Height 24 in., length 18 in., w't 70 lbs., -	each	$	9.00
No. 122—Height 25 in., length 22 in., w't 75 lbs., -	"		10.50
No. 125—Height 27 in., length 25 in., w't 95 lbs , -	"		12.00
No. 130—Height 30 in., length 30 in., w't 115 lbs., -	"		14.00

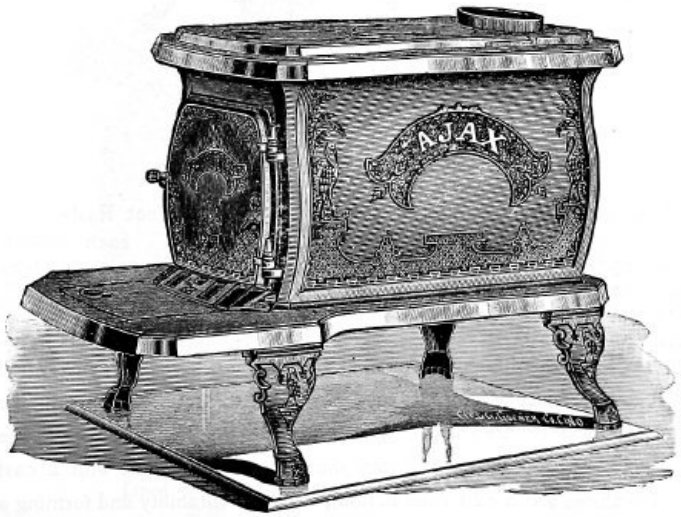
USE BOTH NAME AND NUMBER IN ORDERING

With Nickel Rails Only.

No. 18—Height 24 in., length 18 in., w't 60 lbs., -	each	$	6.50
No. 22—Height 25 in., length 22 in., w't 65 lbs., -	"		7.80
No. 25—Height 27 in., length 25 in., w't 85 lbs., -	"		9.20
No. 30—Height 30 in., length 30 in., w't 105 lbs., -	"		11.00

USE BOTH NAME AND NUMBER IN ORDERING.

AJAX BOX STOVES.

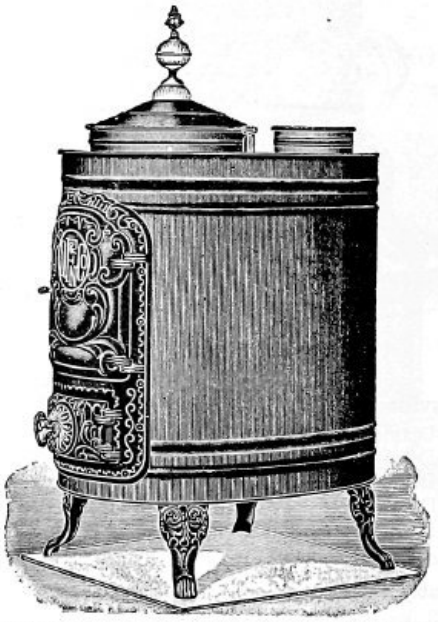


A good heavy, well made box stove with swinging cover. The number indicates the length of wood the stove will take.

No. 18—Weight crated 60 lbs., - - -	each	$	5.00
No. 22—Weight crated 80 lbs., - - -	"		6.60
No. 25—Weight crated 100 lbs., - - -	"		8.50
No. 28—Weight crated 120 lbs., - - -	"		10.50
No. 30—Weight crated 125 lbs., - - -	"		11.00
No. 34—Weight crated 170 lbs., - - -	"		14.50
No. 36—Weight crated 185 lbs., - - -	"		15.50

USE BOTH NAME AND NUMBER IN ORDERING.

COMFORT AIR TIGHT.



This air tight is made to fill the popular demand for a medium price air-tight with a big front door and a clean-out door. The body is made of 27 gauge steel. The feet are bolted. The top is reinforced and the stove is a thoroughly satisfactory article. It is lined with 27 gauge steel about two-thirds of the way up.

Smooth Steel Body.

No. 018CF—18×14×14, shipping w't 25 lbs., -	each		$4.40
No. 021CF—21×16×22, shipping w't 41 lbs., -	"		6.00
No. 026CF—26×18×24, shipping w't 47 lbs., -	"		7.00

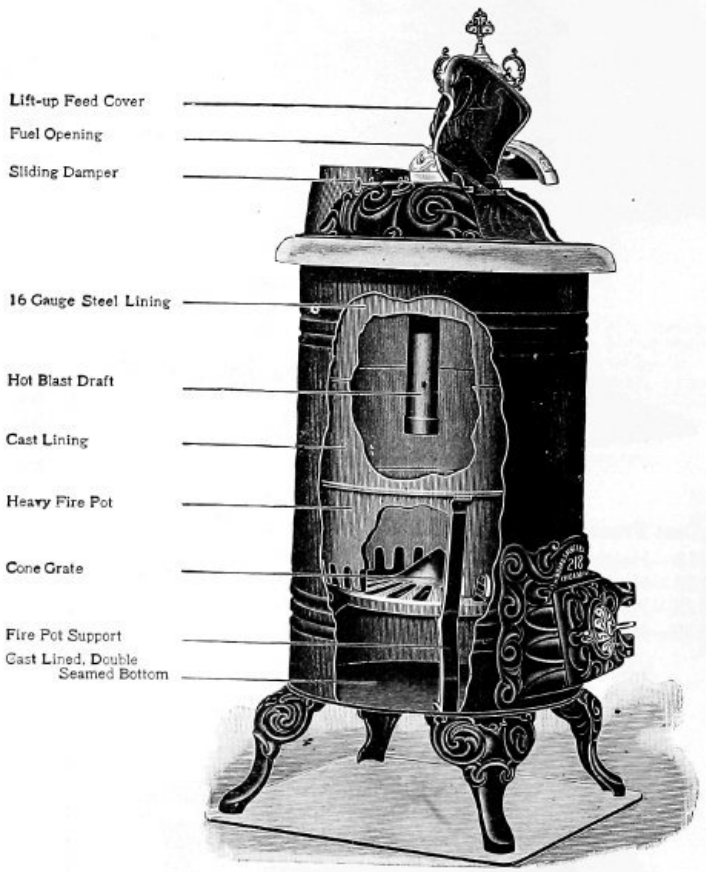
Wellsville Polished Body.

No. 118CF—18×14×15, shipping w't 26 lbs., -	each		$5.00
No. 121CF—21×16×24, shipping w't 43 lbs., -	"		6.50
No. 126CF—26×18×24, shipping w't 50 lbs., -	"		7.50

USE BOTH NAME AND NUMBER IN ORDERING.

"OUR VERY BEST" HOT BLAST STOVES.

FOR SOFT OR HARD COAL, COKE, LIGNITE, SLACK, ETC.



Wellsville Polished Steel Body, Nickel Plated Urn, Swing Top, Top Ring, Door Knob, Screw Draft and Foot Rails.

No. 212—Diameter of body 12 in., height of drum 24 in., shipping weight 100 lbs., - - - - - - - each $14.00
No. 214—Diameter of body 14 in., height of drum 24 in., shipping weight 112 lbs., - - - - - - - " 16.50
No. 216—Diameter of body 16 in., height of drum 26 in., shipping weight 134 lbs., - - - - - - - " 18.50
No. 218—Diameter of body 18 in., height of drum 28 in., shipping weight 164 lbs., - - - - - - - " 20.50
No. 222—Diameter of body 22 in., height of drum 32 in., shipping weight 272 lbs., - - - - - - - " 33.00

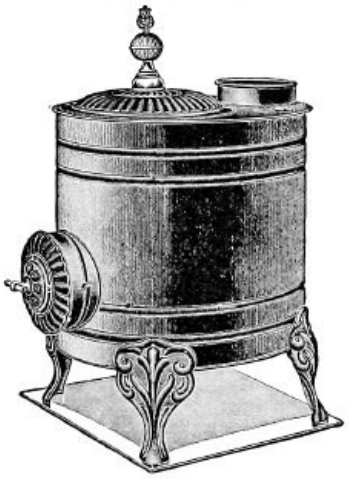
The body of this stove is made in one piece, double seamed; no rivets are used in its construction. The cast fire pot is very heavy and is considerably larger than in most other hot blast stoves of the same size body. A cone grate is used with a slanting surface clear to the edge. A cast lining 6½ in. high is set above the fire pot. From the top of this cast lining to the top of the stove, there is a 16-gauge sheet steel lining absolutely protecting the outside body against fire contact. The bottom is of heavy sheet steel, lined inside with a cast plate, making a combination of sheet bottom, with perfect air and gas tight features and a cast lined bottom, insuring durability and forming a perfect bearing for the lower legs supporting the fire pot. The grate can be removed through the feed door. A check draft is placed in the collar of the stove. The feet are bolted to cleats underneath the stove to prevent slipping. The down draft principle forces the heated air upon the surface of the fuel, consuming the gases and fully one-third of the smoke, utilizing the properties of combustion which have been allowed heretofore to escape through the chimney. The feed opening is very large, measuring 13 in. across in the 18 inch stove. This stove, properly regulated, will hold fire thirty hours with half a pail of soft coal.

A STOVE POKER AND SHAKER ARE FURNISHED WITH EACH STOVE.

ONE IN A CRATE.

WOOD AIR TIGHT HEATERS.

POPULAR.



Unlined, without Rails.

Nos.	18	21	25
Size body	18×13×13	20×15×20	24×17×24 in.
Ship. w't.	17	21	25 lbs.
Each.	$1.70	2.70	3.30

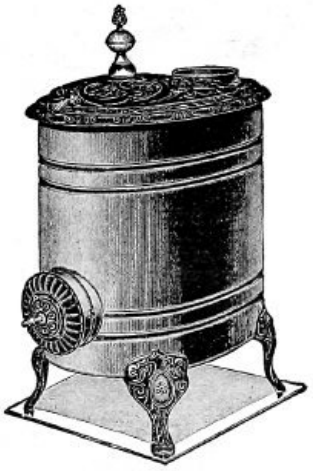
Lined, without Rails.

Nos.	181	211	251
Size body	18×13×13	20×15×20	24×17×24 in.
Ship. w't.	20	24	30 lbs.
Each.	$2.00	3.20	3.60

Lined, without Rails.

Nos.	200	240	300
Size body	20×17×20	24×17×22	30×17×24 in.
Ship. w't.	29	31	39 lbs.
Each.	$3.50	4.00	4.90

Smooth steel body, double lined, 4 fancy stamped steel legs, bolted on, making a very rigid construction. Fancy top lid with nickeled urn, fancy stamped steel nozzle which locks on, avoiding dropping off. Pipe fits inside pipe collar, creosote droppings return to stove. A good honest air-tight at a low price. RAILS EXTRA, SEE BELOW.



Lined without Rails.

Nos.	2218	2222
Size body.	18×16×15	22×18×21 in.
Shipping weight..	37	45 lbs.
Each.	$4.00	4.40
Nos.	**2224**	**2230**
Size body.	24×18×23	31×18×25 in.
Shipping weight.	56	64 lbs.
Each.	$6.00	7.50

Built of smooth sheet steel with cast top, extra large feed opening. Has 4 heavy cast feet bolted to side, very substantial. Check slide in top near pipe collar. A stove that has stood the test for a number of years.

POPULAR.

Smooth Steel Body, Lined, without Rails.

Nos.	201	241	301
Size body	20×17×20	24×17×22	30×17×24 in.
Ship. w't.	46	50	54 lbs.
Each.	$5.00	5.50	7.00

Polished Steel Body, Lined, without Rails.

Nos.	1201	1241	1301
Size body	20×17×20	24×17×22	30×17×24 in.
Ship. w't.	46	50	54 lbs.
Each.	$6.00	6.50	8.00

Made of high grade material. Steel top, sides and bottom, double seamed together, making absolutely tight joints. Fitted with cast ash pit door fitted with buckle to make tight. Cast legs are bolted to side of stove, making stove solid.

Note hot blast down draft. Tube heats air before throwing on to fire, creating perfect combustion and making a saving in fuel. An entirely satisfactory stove.

RAILS EXTRA, SEE BELOW.

Smooth Steel Body, Lined, without Rails.

Nos.	204	244	304
Size body	20×17×20	24×17×22	30×17×24 in.
Ship. w't.	50	58	66 lbs.
Each.	$6.50	7.50	8.50

Polished Steel Body, Lined, without Rails.

Nos.	1204	1244	1304
Size body	20×17×20	24×17×22	30×17×24 in.
Ship. w't.	50	58	66 lbs.
Each.	$7.50	8.50	9.50

Heavily lined throughout, built with special care, large feed opening, heavy legs (bolted on). Ash pit door buckles on—absolutely tight joint. All steel joints double seamed—(tight joint). All steel used of superior grade. A very fine stove.

POPULAR.

Polished Body, Lined, with Nickel Base and Rails

Nos.	1206	1246	1306
Size body	22×19×21	26×18×25	32×20×25 in.
Ship. w't.	70	75	85 lbs.
Each.	$11.00	12.00	14.00

A very handsome high grade air tight for any fuel except coal.

The body is polished steel, heavy steel castings, Fitted with a full nickel cast base, nickel rails. top ring, urn and screw drafts, presenting a very elegant appearance in any home. To those wanting something good we recommend the above.

GOLD REV-O-NOC.

Without Ash Pit and Ash Pan.

Nos.	285	286
Size body.	23×15×24	25×16×26 in.
Height top urn.	42	44 in.
Shipping weight.	125	145 lbs.
Each.	$13.50	15.50

With Ash Pit and Ash Pan.

Nos.	295	296
Size.	23×15×24	25×16×26 in.
Height top urn.	42	44 in.
Shipping weight.	143	160 lbs.
Each.	$18.40	20.50

Top, bottom and front made of good cast iron, body of cold rolled steel, lined inside; body swedged onto castings, making air tight joints. Feed door fitted with smoke curtain. Fitted with beautifully nickeled foot rails, swing top and urn. A strictly first class wood heater.

Nickel Foot Rails, for Nos. 200, 2222, 201, 1201, 204, 1204, 240, 2224, 241, 1241, 244, 1244, 300, 2230, 301, 1301, 304 and 1304.....per set $1.50

ALL 18 IN. AIR TIGHTS TAKE 5 IN. PIPE, BALANCE 6 IN. PACKED ONE IN A STRONG CRATE.

LAUNDRY STOVES, OVENS, RADIATORS, ETC.

LAUNDRY STOVES.

For Coal or Wood.

No. 84—21×22 in. top, 23 in. high, four 8 in. lids, w't 95 lbs.....each $10.00

Made of good cast iron, free from flaws, swing ash pit door fitted with draft slide, flat dumping grate with rack for holding 8 flat irons around fire pot, giving use of top and sides at one time.

For Coal or Wood.

No. 89—18×23 in. top, 23 in. high, two 8 in. lids, w't 100 lbs.....each $10.00

Made of good grey iron, fitted with special care, made extra heavy and durable for extra hard use. Large top surface..

For Hard or Soft Coal.

No. 82—12×19½ in. top, 23 in. high, two 8 in. lids, w't 61 lbs.....each $6.50

Fitted with device to hold 8 irons so they will stand close to the fire pot, securing the largest amount of heat.

LAUNDRY STOVES

For Coal or Wood.

No. 81—12×19½ in. top, 21 in. high, two 8 in. lids, w't 55 lbs.....each $5.50

Well made, substantial fire pot, panel feet, heavy lids well fitted and low in price.

For Coal or Wood.

No. 2—11×20½ in. top, 21 in. high, two 8 in. lids, w't 48 lbs.....each $4.50

Oval top—drop pouch feed door, fitted with shaking and dumping grate. Popular low price laundry.

SALAMANDERS.

Nos	1	2	
Gauge steel	20	18	
Diam. body	15	15	in.
Hgt. body less handles	30	30	in.
Size legs	1⅛×⅛	1⅛×⅛	in.
Weight	26	30	lbs.
Each	$3.70	4.20	

Grates for same.....extra, each $0.90

STOVE PIPE RADIATORS.

Nos.	245	246	286	287	
Size over all	10×24	10×24	14×28	14×28	in.
Size pipe collar	5	6	6	7	in.
Weight	17	17	21	21	lbs.
Each	$3.20	3.20	4.00	4.00	

These radiators are made of finest grade polished steel, and contain six large tubes, which run from bottom to top. These tubes cross each other in the center, giving the smoke and heat a spiral motion, causing it to come in direct contact with the full length of the tubes and outer surface of radiator.

These radiators take the place of a joint of pipe, and can be used at any convenient place, either above the stove or on the floor above.

DRUM OVENS.

Cast Collars, Frame and Door.

No. 18—18×14 in., 6 in. pipe, w't 33 lbs., each.....$3.80

Cast ends, into which steel body is carefully fitted, the bottom of oven being protected by cast plates.

All Steel.

No. 17—17×18½ in., 6 in. pipe, w't 12 lbs.....each $2.60

Made of good sheet steel, double seamed joints, perfectly tight.

HIBBARD HOT BLAST STOVES.

Introduction—In offering the NEW HIBBARD HOT BLAST we have combined the study of many years in the Hot Blast business and an accurate knowledge of competition with economical manufacture. The HIBBARD is built along scientific lines, calculated to make it **throw out the greatest amount of heat with the least possible expenditure for fuel.**

Material—The body is of 20 gauge blue polished, cold rolled steel; the castings of the finest mixture of pig iron, each heat being chemically tested to insure perfect castings.

Hot Blast Features—Average soft coal contains about 40% gas and 40% fixed carbon (ask any gas engineer), and when the fire burns from underneath, as in ordinary stoves, the gases mix with the smoke and pass up the chimney WASTED.

Fig. 1
"The Hibbardway."

On the HIBBARD the air is taken in through the blast tube at top right hand side (Fig. 1). This tube passes through the HOTTEST part of the combustion dome, and the air is consequently superheated before it enters the down blast tube, from which it is thrown onto the fire. This thoroughly heated air furnishes oxygen which ignites the gases and creates an absolutely perfect combustion. Where the ordinary blast tube (Fig. 2) is used, the space the air travels is too short to heat it properly, consequently perfect combustion is not often obtained.

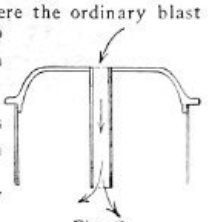


Fig. 2
"The Otherway"

On the HIBBARD the fire burns **from the top downward,** this forces the gases to pass through the hot bed of coals, when of course it is ignited, creating a saving of 25 to 50% in fuel.

Air Tight—A stove to hold fire must be air tight. We have built an ABSOLUTELY AIR TIGHT stove, without the aid of cement (which drops out after use). The BOTTOM is DOUBLE SEAMED to the sides like a wash boiler (Fig. 4), the steel body is double seamed, the ash pit door frame (Fig. 3), has an inner frame of cast iron, corresponding to outer one. The two cast frames, between which the steel walls rest, are BOLTED together and drawn tight, making an ABSOLUTELY AIR-TIGHT JOINT.

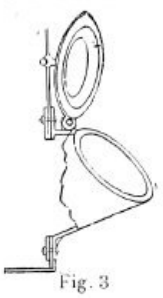


Fig. 3

Fig. 4

The ash-pit door is of the gravity style, acknowledged to be the simplest absolutely air tight door made (Fig. 3). Where the ordinary turn buckle or tightening latch is used, it pinches the door tight at closing point, but springs the door away from the frame at the hinges, allowing air to enter. The ash-pit door and frame on the HIBBARD has a large smooth ground glass-like surface, when door drops of its own weight, it makes an absolutely tight joint. The cast main top is fitted with a lip fitting over steel body, making air-tight connection (Fig. 3) **The HIBBARD will hold fire from 24 to 36 hours without attention.**

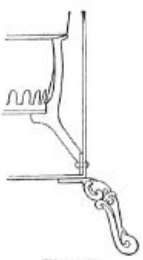


Fig. 5.

Durability—The upper bowl stands on legs (Fig. 5), which rest at the seam or joint, directly over the leg on which stove stands (Fig. 5), making a **continuous cast support** from the floor, relieving the steel body of any strains. The lower bowl fits into the upper one, and the cone grate hangs on the legs. We use no bolts between steel body and cast pots, the difference in contraction and expansion being unequal would cause steel body to pull. The lower pot has teeth at the bottom, that crush the clinkers when cone grate is shaken. The center of cone grate is heaviest and most durable, the weakest point on a draw center grate.

Circulation—The top of the upper bowl is perforated, which allows for free circulation of air around both bowls (Fig. 6), throwing hot air on top of fire, which together with hot air from blast tube consumes all gases, as dead air space is the cause of fire pots burning out.

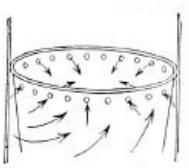


Fig. 6.

Finish.—All nickel "white, beautiful and bright," lasts a long time. The steel (neverbreak) foot and top rail, the ash pit door, screw registers and spun handles are all nickel-plated. Castings are free from excessive carving, which catch dust and dirt. The HIBBARD is "Colonial" in design, making a rich, effective appearance.

Fuel.—The HIBBARD HOT BLAST **will burn hard coal, soft coal, cobs, hay, lignite, wood,** and is **particularly successful with slack** (the cheapest of coals), making a ton give greater amount of heat and last longer than a larger amount of high grade coal in the ordinary stove.

Operation.—Put coal on top of grate, kindlings on top of that, and then some paper or combustible material, shut bottom drafts tight, **start combustibles from top door,** open top blast tube damper, close check damper in pipe collar. Remember fire in the HIBBARD burns from TOP DOWNWARD just like the wonderful smokeless automatic stokers under a moden steam boiler (smoke consumers).

	SIZE OF BODY.	HEIGHT TO BASE URN.	SHIPPING WEIGHT.	EACH.
No. 102	12 inch	38 inch	98 lbs.	$12.00
No. 105	15 inch	40 inch	129 lbs.	15.00
No. 108	18 inch	42 inch	154 lbs.	19.00

HIBBARD AIR TIGHT STOVES.

Material—The Body is made of a high grade of polished steel, protected by heavy steel linings, giving an immense radiating surface.

Air Tight Features—The Steel Body is double seamed to the sides "like a wash boiler," (Fig. 4), making an air tight joint without the aid of putty or cement, which falls out when hard and dry and leaves openings.

Fig. 3

The Ash Pit Door—Is of the gravity style, (Fig. 3), the surfaces being ground a glass-like finish, making air tight joint. No turn buckles are used, as when a turn buckle is tightened, it springs the door away from the door frame at the hinge, allowing air to enter, preventing regulating of fire properly.

Dome—Is of cast iron, of pleasing design and has a large lift feed door, which will take a large stick of wood.

Fig. 4

Finish—Nickel "White, Beautiful and Bright," and as follows—Rails, top ring (steel neverbreak), swing top, ash pit door, spun handle and urn.

Remarks—We suggest when there is wood in a locality and dealer is pushing our "Hibbard" hot blast, he handle this desirable wood air tight in connection therewith, the air tight features of both being identical. This is the **best** air tight on the market, and will be a trade winner.

NO	SIZE BODY.	EXTREME HEIGHT TO BASE OF URN.	SHIPPING WEIGHT.	EACH.
H180	14×18×13 in.	26 in.	68 lbs.	$ 9.50
H210	20×20×15 in.	32 in.	82 lbs.	12.50
H250	24×24×16½ in.	36 in.	100 lbs.	15.80
H280	24×27×17 in.	36 in.	118 lbs.	17.80

REPAIRS FOR HIBBARD HOT BLAST AND AIR TIGHT STOVES.

Always Order by Name of Piece and Number of Stove.

Cone Grates, to fit the following stoves.

No. 102	each	$0.90
No. 105	"	1.00
No. 108	"	1.20

Upper Cast Bowl, to fit the following stoves.

No. 102	each	$2.80
No. 105	"	3.00
No. 108	"	4.00

Lower Cast Bowl, to fit the following stoves.

No. 102	each	$2.70
No. 105	"	2.70
No. 108	"	3.50

Blast Tube, Complete, to fit the following stoves.

No. 102	each	$0.90
No. 105	"	1.00
No. 108	"	1.20

Main Cast Top Only, to fit the following stoves.

No. 102	each	$1.40
No. 105	"	1.50
No. 108	"	2.00
No. 180	"	2.00
No. 210	"	2.80
No. 250	"	3.20
No. 280	"	4.00

Top Feed Door, to fit the following stoves.

No. 102	each	$0.50
No. 105	"	.50
No. 108	"	1.00
No. 180	"	1.00
No. 210	"	1.00
No. 250	"	1.00
No. 280	"	1.20

Urn Top, to fit the following stoves.

No. 102	each	$0.50
No. 105	"	.50
No. 108	"	.60
No. 180	"	.50
No. 210	"	.50
No. 250	"	.80
No. 280	"	.90

Urns, to fit the following stoves.

No. 102	each	$0.60
No. 105	"	.70
No. 108	"	.90
No. 180	"	.60
No. 210	"	.70
No. 250	"	.80
No. 280	"	.80

Nickel Top Rings, to fit the following stoves.

No. 102	each	$1.00
No. 105	"	1.10
No. 108	"	1.30
No. 180	"	1.00
No. 210	"	1.10
No. 250	"	1.20
No. 280	"	1.30

Nickel Foot Rail, to fit the following stoves.

No. 102	each	$1.10
No. 105	"	1.20
No. 108	"	1.50
No. 180	"	1.40
No. 210	"	1.60
No. 250	"	1.80
No. 280	"	2.00

Repairs to Fit all Sizes Hibbard Hot Blasts, Hibbard Air Tights.

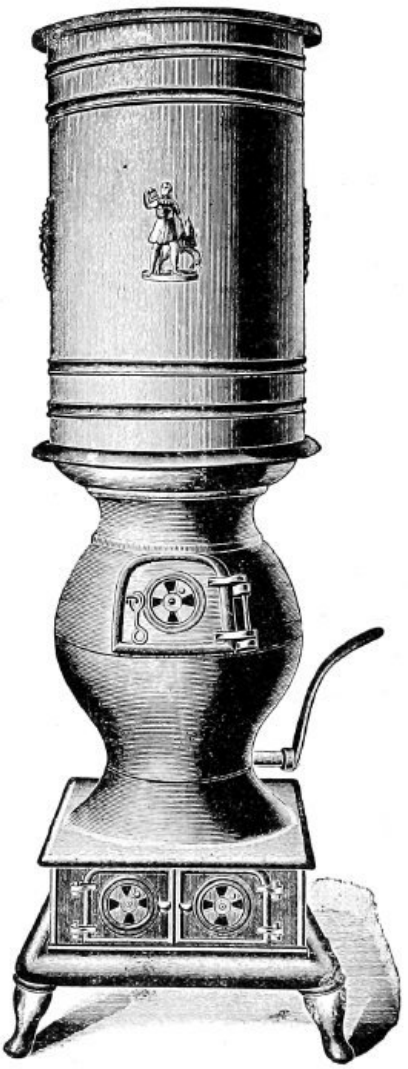
(Specify Number of Stove and Name of Repair Wanted.)

Fire Bowl Supports (set complete)	each	$1.00
Legs	"	.40
Screw Registers	"	.50
Rail Supports	"	.20
Ash Pit Door only	"	1.00
Outside Ash Pit Door Frame	"	.80
Inside Ash Pit Door Frame	"	.50

CANNON STOVES.

FOR ANY KIND OF COAL.

RAILROAD.



XMOR VULCAN.

ECHO.

Echo, With Bolted Feet. A Good Cheap Cannon Stove.

No. 3—Height 22 in., fire pot diameter inside 8¼ in., weight 35 lbs.,	each	$5.00
No. 4—Height 24 in., fire pot diameter inside 9¼ in., weight 48 lbs.,	"	6.00
No. 5—Height 26 in., fire pot diameter inside 10¼ in., weight 55 lbs.,	"	7.00
No. 6—Height 28 in., fire pot diameter inside 11¼ in., weight 65 lbs.,	"	8.00

ONE IN A CRATE.

Xmor Vulcan, With Large Ash Pit, Swinging Door, With Bolted Feet.

This is the most popular medium weight Cannon stove made. The pattern has been slightly changed, and the feed door is now made swinging instead of sliding, making it much easier to open. It has a flat shaking and dumping grate, and an annular register, admitting the air around the fire pot.

No. 11—Height 33 in., diameter 11 in., shipping weight 85 lbs.,	each	$10.00
No. 12—Height 36 in., diameter 12 in., shipping weight 100 lbs.,	"	11.50
No. 14—Height 40½ in., diameter 14 in., shipping weight 140 lbs.,	"	15.50
No. 16—Height 44 in., diameter 16 in., shipping weight 180 lbs.,	"	21.50
No. 18—Height 50 in., diameter 18 in., shipping weight 240 lbs.,	"	28.50

ONE IN A CRATE.

Railroad.

No. 20—Height 75 in., fire pot diameter inside 19½ in., weight 350 lbs.,	each	$42.00
No. 22—Height 78 in., fire pot diameter inside 22 in., weight 450 lbs.,	"	55.00

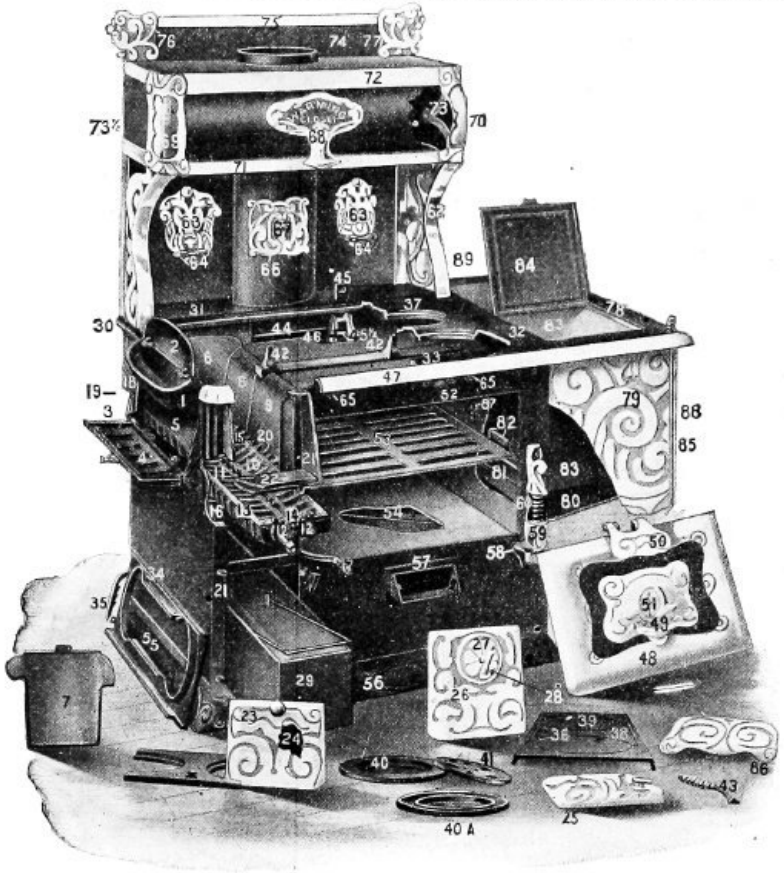
An extra heavy cannon stove, mounted with sheet iron drum, the heaviest and most powerful heater of its class. The fire pot is from 5/8 to 1 in thick. It is particularly adapted to halls, churches, stores, school houses, etc.

These railroad cannons are shipped in sections, not crated.

When ordering these goods use the name and number. For instance, No. 3 Echo. No. 12 Xmor Vulcan, or No. 20 Railroad Cannon.

SECTIONAL VIEWS OF STOVES.

In ordering stove repairs, always stand facing the pipe collar. Give number and name on stove. (Do not use invoice.) Do not give numbers on castings; they indicate only moulder's private numbers. Order repairs by numbers on this cut, and also full name of casting, as per this list. If casting wanted cannot be found on cut, give full description of it, and if necessary, a drawing. Liberal descriptions will avoid errors.

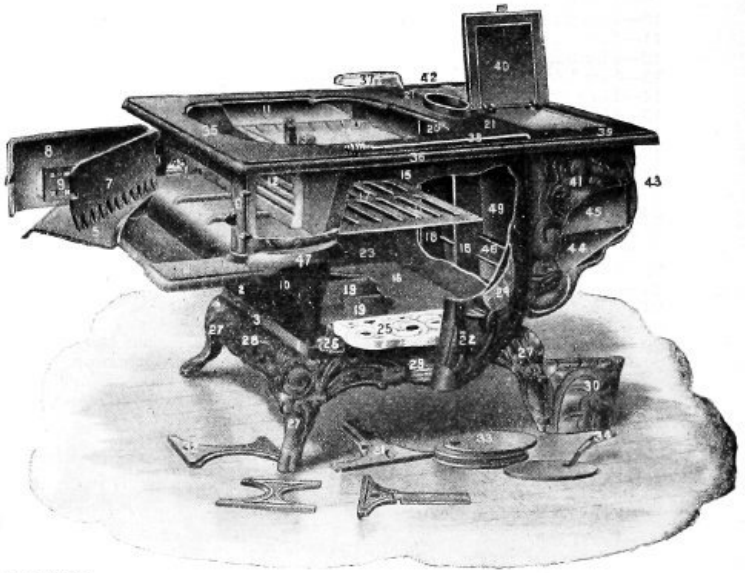


STEEL RANGE.

1 —Pouch or left cast end.
2 —Pouch feed door.
3 —Left end draft door.
4 —Left end draft door damper.
5 —Front grate or lining.
6 —Back end lining.
7 —Front end lining.
8 —Fire back, if in two or three
9 — pieces specify section wanted.
10 —Short half duplex grate.
11 —Long half of duplex grate. (If flat grate ,so specify.)
12 —Grate cogs (2).
13 —Grate frame.
14 —Grate cog covers.
15 —Grate rest. (Right side.)
16 —Grate rest. (Left side.)
17 —Grate shaker.
18 —Wood extension pocket.
19 — Cap for water front openings.*
20 —Fire back rest.
21 —Feed door and ash pit door frame. (Sometimes this frame is in 2 or 3 sections. Specify which one is desired.)
22 —Upper cog guard.
23 —Feed door nickel panel.
24 —Feed door. (If feed door swings, so specify.)
25 —Grate door.
26 —Ash pit door. (Ash pan often is attached to this door; door only will be sent unless otherwise specified.
27 —Ash pit door damper.
28 —Ash pit door damper handle.
29 —Ash pan. (On some ranges ash pit door is front of ash pan. Door will not be sent unless specified.)
30 —Left end or pouch top.
31 —Back or collar top.
32 —Right end top. (When range has key plate top.)
33 —Front top.
34 —Left end or broiler key plate.
35 —Broiler key plate lift.
36 —Center key plate.
36A—Right key plate.
37 —Right end (with regular stove top.)
38 —Short center.
39 —Cover.
40 —Large ring of reducing cover.
40A—Medium ring of reducing cover.
41 —Small ring or disc of reducing cover.
42 —Center rest.
43 —Cover lifter.
44 —Direct draft damper.
45 —Direct draft damper handle.
45½—Direct draft damper rod.
46 —Back flue. (When in 2 sections specify upper or lower.)
47 —Front nickel band.
48 —Oven door frame. (Unless specified "with steel lining" frame only sent.)
49 —Oven door panel.
50 —Oven door handle complete.
51 —Oven door thermometer.
52 —Oven door catch.
53 —Oven slide.
54 —Flue strip (under oven).
55 —Short base strip.
56 —Long base strip.
57 —Flue door frame.
58 —Under half spring box. (When spiral spring is used.)
59 —Spring cover. (Specify right or left, flat or spiral spring.)
60 —Oven door spring. (Either flat or spiral.)
61 —Left high closet bracket.
62 —Right high closet bracket.
63 —Teapot stand.
64 —Teapot stand hinge.
65 —Lugs connecting steel body to cast top. (Specify location.)
66 —Pipe damper frame.
67 —Pipe damper slide or round register.
68 —High closet panel. (If handle is separate, specify if handle only wanted.)
69 —Left closet corner.
70 —Right closet corner.
71 —Lower closet strip.
72 —Upper closet strip. (Specify front, right or left strip wanted on both above.
73 —Right closet door hinge.
73½—Left closet door hinge.
74 —Closet top guard, only.
75 —Closet top guard strip.
76 —Closet top guard, left corner.
77 —Closet top guard, right corner.
78 —Reservoir top.
79 —Front reservoir casing.
80 —Bottom reservoir casing.
81 —Reservoir damper.
82 —Oven brace. (Right end.)
83 —Reservoir tank.
84 —Reservoir cover. (Specify front, back, or both.
85 —Towel rod.
86 —Flue door.
88 —Right end reservoir casing.
89 —Back end reservoir casing. (If range has steel reservoir casing, order "Steel Reservoir Casing only.")

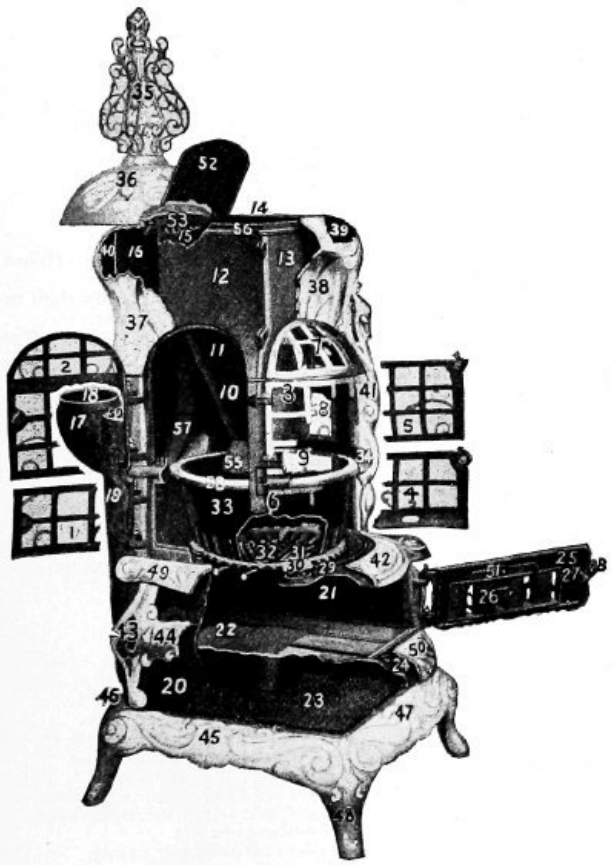
COOK STOVE.

1 —Main bottom.
2 —Lower front.
3 —Flue stop.
4 —Main hearth.
5 —Hearth slide.
6 —Upper main front.
7 —Front grate.
8 —Front door.
8½—Front door name plate.*
9 —Front door damper.
10 —Main right side.
11 —Main left side.
12 —Fire back.
13 —Center rest.
14 —Oven top.
15 —Oven back.
16 —Oven bottom.
17 —Oven rack.
18 —Back flue-strip.
19 —Bottom flue strip.
20 —Direct draft damper (complete).
21 —Flue cover (2).
22 —Right oven door.
23 —Left oven door.
24 —Oven door nickel panel. (Specify right or left.)
25 —Oven door shelf. (Specify right or left.)
26—Oven door kicker.
27—Leg.
28—Short base strip.
29—Long base strip.
30—End feed door. (Specify right or left.)
31—Cut long center. (Specify top or bottom.)
32—Short center.
33—Cover.
34—Cover lifter.
35—Front top.
36—Back or collar top.
37—Teapot stand.
38—Towel rod.
39—Reservoir top.
40—Reservoir cover. (Specify front or back.)
41—Right reservoir casing.
42—Left reservoir casing.
43—Back reservoir casing.*
44—Bottom reservoir casing.
45—Reservoir tank.
46—Reservoir damper.
47—Right ash guard.
48—Left ash guard.
49—Main back, reservoir stove.
50—Main back, square stove.*



*NOT SHOWN IN CUT.

SECTIONAL VIEWS OF STOVES.



1 —Left lower mica door.
2 —Left upper mica door.
3 —Left upper front mica door.
4 —Right lower front mica door.
5 —Right upper front mica door.
6 —Left lower front mica door.
7 —Upper front mica section.
8 —Right upper mica door.
9 —Right lower mica door. (Door with inner cast frame and turn-buckles sent, unless otherwise specified.)
10 —Lower section magazine.
11 —Upper section magazine.
12 —Left upper main side.
13 —Front upper main side.
14 —Right upper main side.
15 —Gas flue plates.
16 —Upper main back.
17 —Cast elbow left section.
18 —Cast elbow right section.
19 —Lower main back (if in 2 pieces, entire back will be sent.)
20 —Left lower main side.
21 —Right lower main side.
22 —Ash pit bottom.
23 —Main bottom.
24 —Lower main front.
25 —Ash pit door.
26 —Ash pit door slide.
27 —Ash pit door catch.
28 —Ash pit door handle.
29 —Top ring of ash pit.
30 —Annular shaking ring.
31 —½ of duplex grate.
32 —½ of duplex grate. (Specify if piece wanted has long shank.)
33 —Fire pot.
34 —Center front bar.
35 —Urn (complete).
36 —Swing top.
37 —Left side dome.
38 —Front side dome.
39 —Right side dome.
40 —Back side dome.
41 —Wings. (State right or left.)
42 —Front outer center ring.
43 —Rail bracket. (Specify front or back on left or right side.)
44 —Foot rail. (Sometimes rail bracket is part of this.)
45 —Left base strip.
46 —Back base strip.
47 —Front base strip.
47½—Right base strip. (Not shown.)
48 —Leg.
49 —Right or left outer center ring. (Specify which.)
50 —Ash pit door guard.
51 —Ash pit door slide.
52 —Magazine gas cover.
53 —Double heater damper.
54 —Shaker (not visible).
55 —Direct draft damper.
56 —Main swing top.
57 —Cold air flues (2).
58 —Fire pot bar. (Specify right or left.)
59 —Teakettle top. (Specify main top or lid only.)

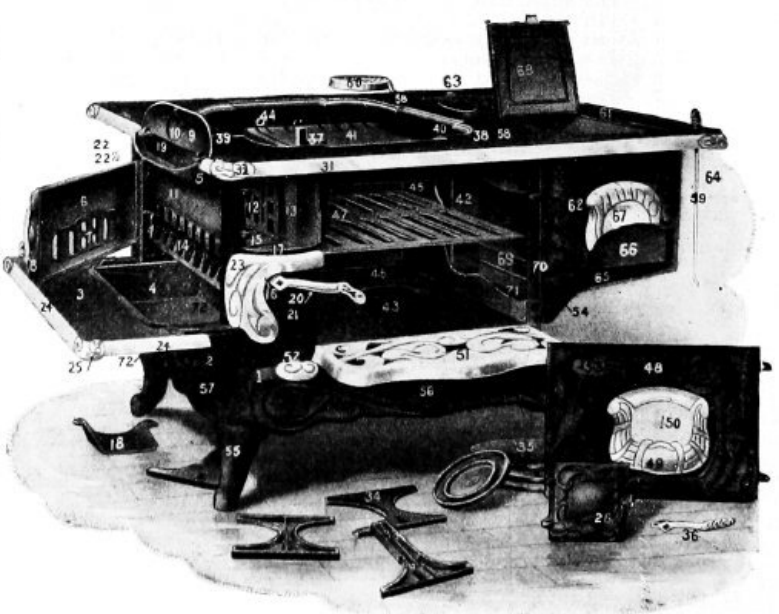
In ordering stove repairs, always stand facing the pipe collar.

Give number and name on stove. (Do not use invoice.) Do not give numbers on castings; they indicate only moulder's private numbers.

Order repairs by numbers on this cut, and also full name of casting, as per this list.

If casting wanted cannot be found on cut, give full description of it, and if necessary a drawing. Liberal descriptions will avoid errors.

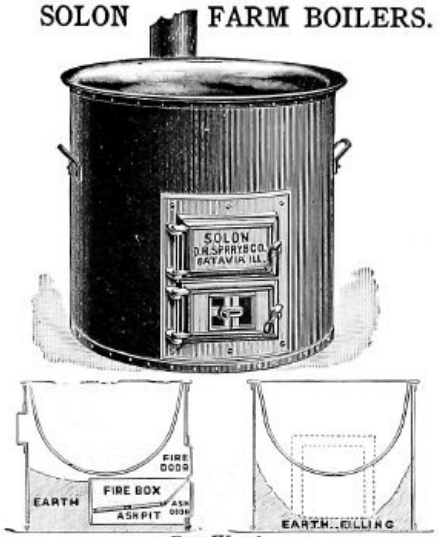
1—Main bottom.
2—Main hearth.
3—Hearth slide.
4—Ash pan.
5—Upper front.
6—Front door.
7—Front door damper.
8—Front door name plate.
9—Pouch feed door.
10—Pouch feed door damper.
11—Front grate.
12—Fire back (complete).
13—Fire back rest.
14—Long half duplex grate.
15—Short half duplex grate.
16—Grate cogs.*
17—Cover for grate cogs.
18—Right end lining.
19—Left end lining.
20—Grate shaker.
21—Right main side.
22—Left main side.*
22½—Cast flue box.*
23—Ash guard. (Specify right or left.)
24—Nic. hearth band.
25—Hearth corner plates.
26—Feed door.
31—Top nic. band.
32—Top nic. corner plates.
33—Cut long center. (Specify top or bottom.)
34—Short center.
35—Cover.
36—Cover lifter.
37—Center rest.
38—Collar top.
39—Front top.
40—Direct draft damper (complete).
41—Oven top.
42—Back flue strip.
43—Bottom flue strip.
44—Side top. (Specify right or left.)
45—Oven back.
46—Oven bottom.
47—Oven rack.
48—Oven door. (Specify right or left.)
49—Oven door panel. (Specify right or left.)
50—Oven door thermometer.
51—Oven door shelf. (Specify right or left.)
52—Oven door kicker. (Specify right or left.)
53—Oven door handle. (Specify right or left.)
54—Main back square stove.*
55—Foot.
56—Long base strip.
57—Short base strip.
58—Flue covers.
59—Towel rod.
60—Teapot stand.
61—Reservoir top.
62—Right reservoir casing.
63—Left reservoir casing.*
64—Back reservoir casing.*
65—Bottom reservoir casing.
66—Reservoir.
67—Reservoir panel.
68—Reservoir cover (2 pieces).
69—Reservoir damper.
70—Reservoir damper handle.
71—Main back.
72—Flue stop.*



*NOT SHOWN IN CUT.

FARM BOILERS, SUGAR AND CALDRON KETTLES.

SOLON FARM BOILERS.



For Wood.

Nos.	1	2	3	4	5
Capacity	25	33	41	48	53 gal.
Weight	140	160	200	200	250 lbs.
Each	$12.00★	14.00★	15.00★	16.50★	18.00★

Nos.	6	7	8	9	10
Capacity	58	65	75	90	110 gal.
Weight	250	300	350	430	470 lbs.
Each	$19.50★	22.00★	26.00★	32.00★	36.00★

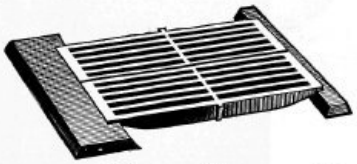
For Coal.

Nos.	11	12	13	14	15
Capacity	25	33	41	48	53 gal.
Weight	140	160	200	200	250 lbs.
Each	$15.50★	17.50★	18.50★	20.50★	22.00★

No.	16	17	18	19	20
Capacity	58	65	75	90	110 gal
Weight	250	300	350	430	470 lbs.
Each	$23.50★	26.00★	30.50★	36.50★	40.50★

The shell is made from heavy sheet steel, with edges banded, and no bottom. Provided with double doors so that it can be conveniently used as a coal burner when supplied with coal fixtures.

GRATES AND RESTS.



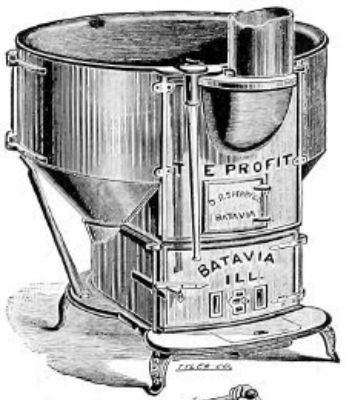
Nos.	1X	2X	3X
Size	14×24	14×30	18×36 in.
Weight	75	90	120 lbs.
Each	$5.00★	6.00★	6.50★

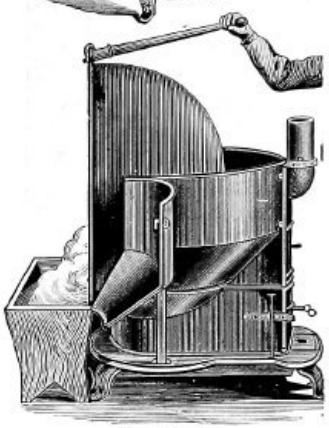
Made of best pig iron. Tested to stand hard work.

CISTERN COVERS.

No. 19—Diam. opening 19 in., diam. frame 27 in., depth flange 3 in., w't 90 lbs.★ each $5.00

PROFIT FARM BOILERS.





For Wood.

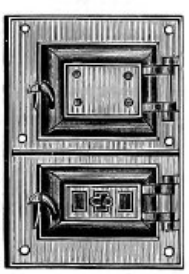
Nos.	250	480	530	750
Capacity	25	48	53	75 gals.
Weight	250	400	450	500 lbs.
Each	$23.00★	34.00★	38.00★	46.00★

For Coal.

Nos.	25	48	53	75
Capacity	25	48	53	75 gals.
Weight	250	400	450	500 lbs.
Each	$27.00★	38.00★	42.00★	50.00★

Frame is of good, smooth grey iron castings. Fitted with a tilting kettle arrangement. The kettle when dumped exposes all flues, making it easy to keep free from soot, a special feature on this boiler only.

DOUBLE DOORS AND FRAMES.



Designed especially for setting caldrons in brick. The fire door is double, with cold air space so that it will not warp or burn out.

No. 10—18½×28 in. frame, 11×13 in. fire door, 9×13 in. ash pit door, w't 65 lbs.★ ..... each $6.50

No. 11—21½×37 in. frame, 16×16 in. fire door, 12×16 in. ash pit door, w't 110 lbs.★ ..... each 9.50

★*FOR FACTORY SHIPMENT ONLY.*

CALDRON KETTLES.

Capacity	25	33	41	48 gal.
Diam. outside flange	28	31	34	35 in.
Diam. inside flange.	24	28	30	31 in.
Depth inside	16	16	19	19 in.
Weight	85	112	137	148 lbs.
Each	$6.00	8.00	10.00	12.00

Capacity	53	65	75	90	110 gal.
Diam. outside flange	36	39	41	43	46 in.
Diam. inside flange	32	34	36	38	42 in.
Depth inside	20	20½	22	22	23 in.
Weight	170	197	223	288	317 lbs.
Each	$13.00	14.00	18.00	25.00	30.00

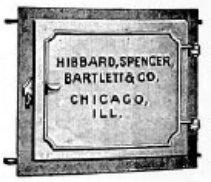
SUGAR KETTLES.

Bailed.

Nos.	1	2	3	4
Actual cap.	8	10½	15	18¼ gal
Usual rating	10	13	18	20 gal
Inside diam.	16	18	20¼	22 in.
Inside depth	11	12	13½	13¾ in.
Weight	25	30	35	45 lbs.
Each	$2.20	2.80	3.50	4.50

Nos.	5	6	7	8
Actual cap.	21½	25½	29½	39 gal
Usual rating	25	30	32	40 gal.
Inside diam.	23	25	26	30 in.
Inside depth	14¾	15½	16	19 in.
Weight	55	67	75	110 lbs.
Each	$5.00	6.00	7.00	10.50

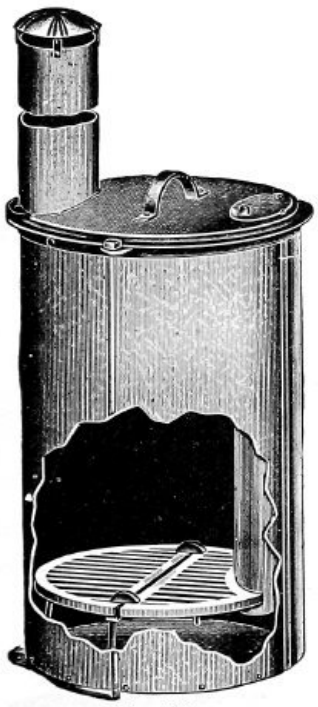
ASH PIT DOORS.



Nos.	10	11	12	14	16
Size	8×8	8×10	10×12	12×15	16×20 in.
W't doz.	113	122	157	207	385 lbs
Per dozen	$8.65	9.60	14.40	20.50	34.50

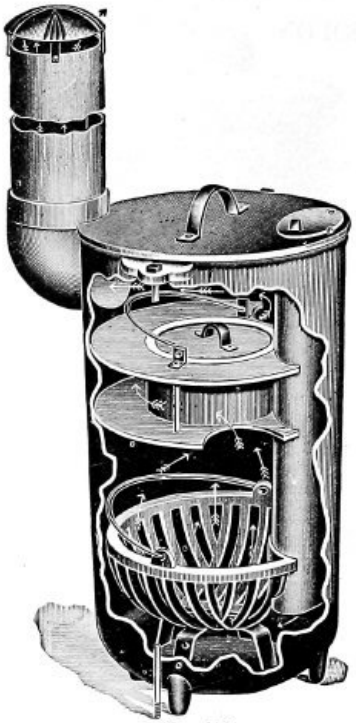
The doors are made of the best of iron, heavy, strong, smooth, well fitted and beautifully japanned Are used for ash pits in dwellings, stores, etc., where necessary to keep pits securely closed.

TANK HEATERS



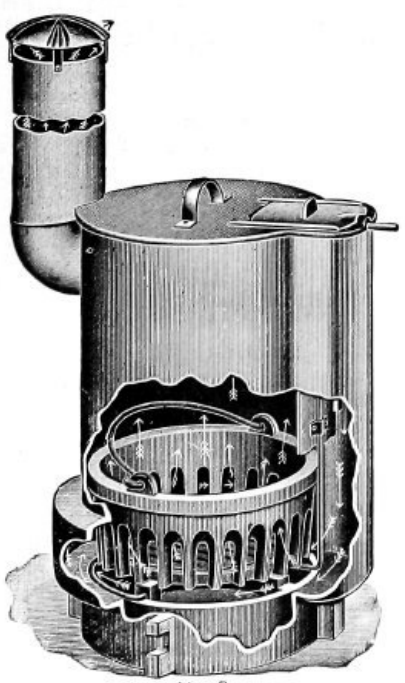
No. 100.

No. 10.



No. 411.

No. 100—Double seamed galvanized body, height 26 in., diameter 16 in., cast top, removable grate, complete with spark arrester, side rods and forks, weight 55 lbs., - - - - - - - - - - - - - - - - each $4.50
No. 200—Diameter 19 in., height 26 in., otherwise same as No. 100, weight 70 lbs., - - - - - - - - " 6.50
No. 10—Double seamed galvanized sheet steel body, height 26 in., diameter 16 in., cast top with lift-off cover, basket grate which can be lifted out, complete with side rods, spark arrester and poker, weight 55 lbs., - - - - - - - - each 5.50
No. 20—Diameter 19 in., height 26 in., otherwise same as No. 10, weight 65 lbs., - - - - - - - - " 7.50
No. 4—Cast iron body cast in one piece, height 26 in., diameter 14 in., cast top with lift-off cover, basket grate which can be lifted out, complete with side rods, spark arrester and poker, without deflector, weight 105 lbs., - - - - - - - each 8.50
No. 5—Diameter 18 in., height 26 in., otherwise same as No. 4, weight 130 lbs., - - - - - - - " 12.50
No. 411—With deflector, forcing heat to outside of heater, otherwise same as No. 4, weight 117 lbs., - - - - " 10.00
No. 511—With deflector, forcing heat to outside of heater, otherwise same as No. 5, weight 145 lbs., - - - - " 14.00

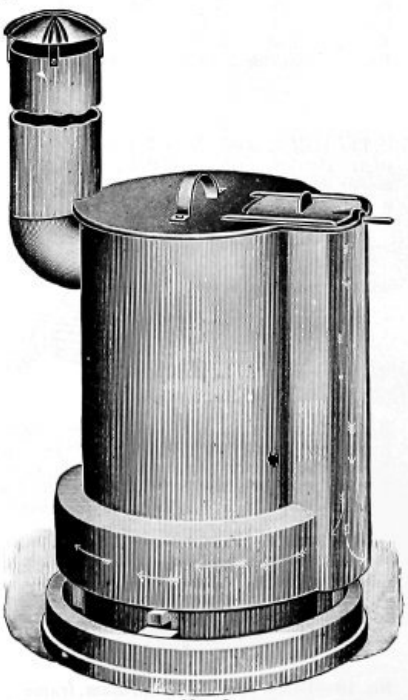


No. 7.

No. 7—IRON KING, diameter 14 in., height 26 in., cast iron top, weight 140 lbs., each $12.00

No. 8—IRON KING, with weight casting which anchors the heater in the bottom of a galvanized or wood tank without the use of stay rods, otherwise similar to No. 7, weight 180 lbs., - - - each 14.00

The Iron King is the latest and best cast heater made. The body is in one piece, the draft chamber being separated from fire pot by a steel partition. The draft opens at the lower end into the drum-shaped portion of the body casting surrounding the basket grate, assuring an abundance of draft at all times. This heater has a cast iron ash pan and a grate shaker.



No. 8.

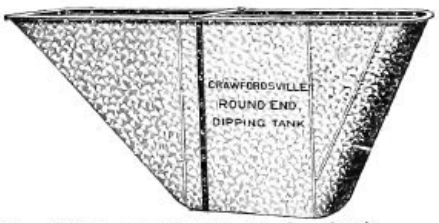
GALVANIZED STEEL TANKS.*

RD. STOCK WATERING TANKS.

	DIAM. FT.	H'T FT.	CAP. BBLS.	W'T LBS.	EACH.
No. 1	3	2	3½	75	$ 8.00
No. 2	4	2	6	97	9.50
No. 3	4	2½	7	112	10.75
No. 4	4	3	9	130	12.75
No. 5	4	4	12	160	16.00
No. 6	4	5	14	200	19.00
No. 7	4	6	18	225	23.75
No. 8	4	8	24	277	26.00
No. 9	5	2	9½	135	13.00
No. 10	5	2½	12	150	14.50
No. 11	5	3	14	170	15.50
No. 12	5	4	19	193	21.00
No. 13	5	5	24	245	23.75
No. 14	5	6	28	280	28.00
No. 15	5	8	37½	348	33.00
No. 16	5½	8	45	390	39.00
No. 17	6	2	14	170	16.00
No. 18	6	2½	17	180	17.50
No. 19	6	3	20	200	20.00
No. 20	6	4	27	255	25.00
No. 21	6	5	34	285	30.00
No. 22	8	2	24	265	28.00
No. 23	8	2½	30	290	30.00
No. 24	10	2	37½	375	39.00
No. 25	10	2½	46	410	42.00
No. 26	12	2	54	550	53.00
No. 27	12	2½	67½	600	58.00

Any of the above tanks can be shipped in a box car set up ready for use, excepting Nos. 22, 23, 24, 25, 26 and 27, which are shipped knocked down.

RD. END DIPPING TANKS.



No. 400RE—Length top 10 ft., depth 4 ft..... each $22.00

Round sloping end prevents animal from being injured while entering tank and takes less dipping fluid than square end tanks.

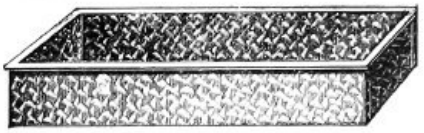
HOG AND WATERING TROUGHS.

	W'TH IN.	H'T IN.	L'TH FT.	CAP. GAL.	PER FT.
No. 81	14	6½	6	12	$0.70
No. 82	14	6½	8	16	.70
No. 83	14	6½	10	20	.70
No. 84	21	10½	6	30	.80
No. 85	21	10½	8	50	.80
No. 86	23	11½	8	65	.90
No. 87	23	11½	10	85	.90

Round bottom, will not leak or rust out, have steel trusses to set on and to fasten down ready for use.

Nos. 81 to 83 Hog Troughs have bar straps every 12 inches to keep hogs from pushing.

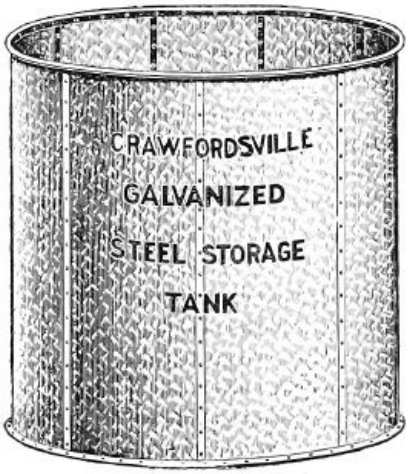
GALV. TROUGHS AND PANS.



	W'TH IN.	D'TH IN.	L'TH IN	CAP. GAL.	W'T LBS.	EACH.
No. 271	24	6	48	30	25	$3.25
No. 272	24	6	60	37	30	3.75
No. 273	24	6	84	52	40	4.75
No. 274	30	6	84	65	48	5.25
No. 275	30	6	108	84	60	6.25
No. 276	36	6	84	79	54	5.75
No. 277	36	6	108	101	68	7.00
No. 278	26	8	80	60	48	5.25
No. 279	26	8	104	78	60	6.25
No. 280	32	8	80	72	54	5.75
No. 283	32	8	104	110	68	7.00
No. 282	22	10	76	72	58	5.25
No. 283	22	10	96	91	67	6.50
No. 284	28	10	76	92	60	6.25
No. 285	28	10	96	117	80	7.50
No. 286	28	10	102	146	98	9.00
No. 287	12	12	48	30	30	3.75
No. 288	12	12	72	52	42	4.75
No. 289	12	12	96	60	55	5.75
No. 290	12	12	120	75	68	6.75
No. 291	18	12	72	67	55	5.50
No. 292	18	12	93	90	68	6.50
No. 293	24	12	48	60	42	5.25
No. 294	24	12	72	90	58	6.50
No. 295	24	12	96	120	78	8.00
No. 296	24	12	120	150	96	9.00

Nos. 271 to 281 inclusive, are designed for Sap Pans, but as they are also used for other purposes we list them without handles. If handles are wanted add 15 cents to list price for each handle. The sizes just referred to are made from one sheet of steel without any seam in bottom.

ROUND STORAGE TANKS.



	DIAM. FT.	H'T FT.	CAP BBLS.	W'T LBS.	EACH.
No. 50	6	6	41	340	$35.00
No. 51	6	8	54	430	43.00
No. 52	8	5	60	475	47.50
No. 53	8	6	72	530	52.50
No. 54	8	8	96	640	65.00
No. 55	8	10	120	750	73.00
No. 56	10	8	150	875	85.00
No. 57	10	10	180	970	95.00
No. 58	12	10	270	1400	128.00
No. 59	12	12	324	1600	150.00

The above tanks are all too large to be shipped set up ready for use, except on flat car. Unless otherwise specified in order we ship knocked down, taking a very low rate of freight. We can furnish tanks of any gauge of galvanized steel from Nos. 20 to 16. All prices are based on No. 20, but for our larger sizes we recommend heavier metal. For No. 18 gauge, add 20 per cent. to list. For No. 16 gauge, add 40 per cent. to list.

RD. END WATERING TANKS.

	W'TH FT.	H'T FT.	L'TH FT.	CAP. BBLS.	W'T LBS	EACH.
No. 101	2	2	4	3¾	70	$ 7.00
No. 102	2	2	5	4¾	86	8.70
No. 103	2	2	6	5¾	103	1025
No. 104	2	2	7	6½	119	11.25
No. 105	2	2	6	7½	137	12.25
No. 106	2	2	10	9½	160	15.00
No. 107	2	2½	8	9½	150	14.00
No. 108	2½	2	8	9½	144	13.00
No. 109	2½	2	10	12	180	16.80
No. 110	2½	2½	8	12	150	15.00
No. 111	3	2	8	11½	152	14.00
No. 112	3	2	10	14	185	17.50
No. 113	3	2½	8	14	166	16.00
No. 114	3	2½	10	18	210	20.00
No. 115	3	3	10	21	235	23.75
No. 116	4	2	8	15	173	18.00
No. 117	4	2	10	19	210	21.50
No. 118	4	2	12	22	255	25.75
No. 119	4	2	14	26	300	29.50
No. 120	4	2	16	30	372	34.00
No. 121	4	2½	8	17	190	20.00
No. 122	4	2½	10	24	247	24.00
No. 123	4	2½	16	38	400	38.00
No. 124	4	3	8	23	215	22.00
No. 125	4	3	10	29	277	28.50
No. 126	4	5	10	47	410	41.00
No. 127	5	2	16	38	412	40.00
No. 128	5	2½	16	47	435	45.00
No. 129	6	2	8	23½	240	23.00
No. 130	6	2	10	28½	285	27.50
No. 131	6	2	16	45	490	45.50
No. 132	6	2½	8	28½	255	26.00
No. 133	6	2½	10	35½	300	29.50
No. 134	6	3	10	42½	325	32.50
No. 135	6	4	10	56	434	44.00
No. 136	6	5	10	70	540	54.00

The above tanks are shipped set up ready for use.

SQ. END WATERING TANKS.

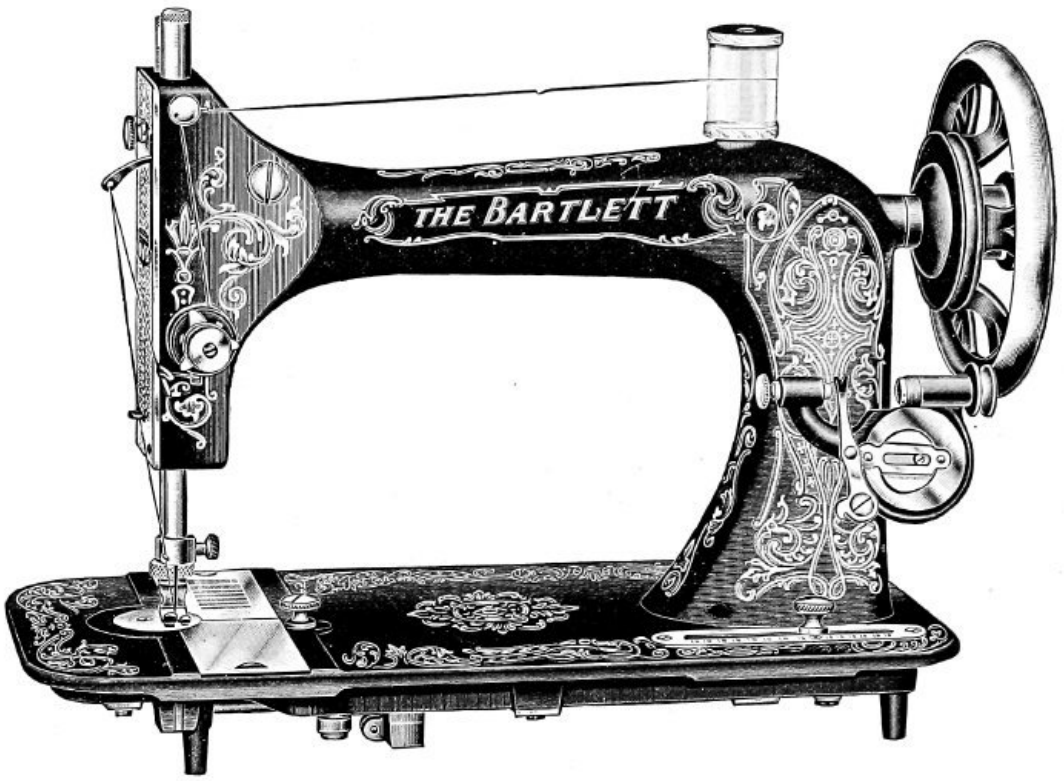
	W'TH FT.	H'T FT.	L'TH FT.	CAP. BBLS.	W'T LBS.	EACH.
No. 201	2	2	4	3¾	90	$ 8.50
No. 202	2	2	5	4¾	105	9.50
No. 203	2	2	6	5¾	120	11.00
No. 205	2	2	8	7½	158	16.00
No. 207	2	2½	8	9½	175	18.00
No. 208	2½	2	8	9½	175	17.50
No. 210	2½	2½	8	12	195	19.50
No. 211	3	2	8	11½	185	18.75
No. 212	3	2	10	14	220	22.00
No. 213	3	2½	8	14	210	20.50
No. 214	3	2½	10	18	240	24.50
No. 215	3	3	10	21	270	26.75
No. 216	4	2	8	15	220	23.00
No. 217	4	2	10	19	265	25.75
No. 221	4	2½	8	17	250	25.00
No. 222	4	2½	10	24	295	28.75
No. 224	4	3	8	23	260	26.40
No. 225	4	3	10	29	325	31.75

Made of best Apollo Bloom Sheets, 20 gauge, Galvanized Strap on all inside seams, making Tanks anti-rust. Top edges reinforced, with heavy angle irons.

★ALL GOODS ON THIS PAGE SHIPPED FROM FACTORY ONLY, W. CENTRAL INDIANA.

OUR VERY BEST BARTLETT SEWING MACHINES.

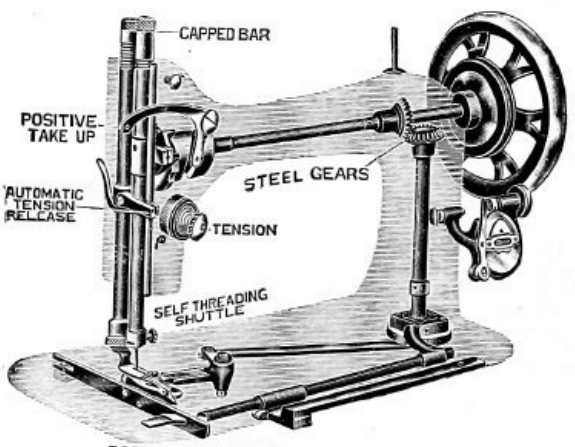
Fully Warranted for Ten Years.



Upper View OVB Bartlett Sewing Head.

The OVB Bartlett is a family sewing machine of the very highest grade embracing the most complete association modern time and labor saving improvements ever combined in one machine and is presented to the trade and the public as an ideal embodiment of the very best in modern sewing machine manufacture.

The basic construction, which is on the gear principle, is clearly defined in the accompanying X-Ray view. These gears are built of best quality hardened tool steel and they are so accurately fitted and adjusted that they operate most quietly and easily. The gears are riveted to the shafts by steel pins and cannot become loose. In this particular, alone, the OVB Bartlett has a great advantage over other sewing machines which make use of eccentric shafts with many screws and parts, any one of which, if loosened, will destroy the perfect action and cause a poor stitch to be made. In a large measure, the gears are responsible for the wonderfully easy running qualities and the almost entire absence of the objectionable noise (accompanying other machines) for which the Bartlett is noted. The clever adaptation of the gear principle gives the OVB Bartlett a simplicity of construction which makes it ideal for family use. Not only is the user assured that the OVB Bartlett will always operate correctly, but the necessity of constant payment of money to sewing machine repairmen is done away with. It is interesting to know that no other high grade up-to-date family sewing machine has this form of construction.



POSITIVE FEED LEVER

The Stitch formed is what is known as the double lock stitch, made by two threads, which are firmly locked in the center of the goods, presenting a smooth and finished appearance on either side. It is recognized to be the best all around, serviceable stitching for family sewing.

The Head is unusually handsome and well proportioned; it is elaborately finished in three durable coats of hand rubbed and polished baking black japan with handsome imported decalcomania decorations in gold and bright colors.

The Arm is of the largest size furnished with any family machine and it is very strong and perfectly proportioned. The clear space underneath is $5\frac{3}{4} \times 8$ inches, thus permitting the easy and convenient handling of the bulkiest material.

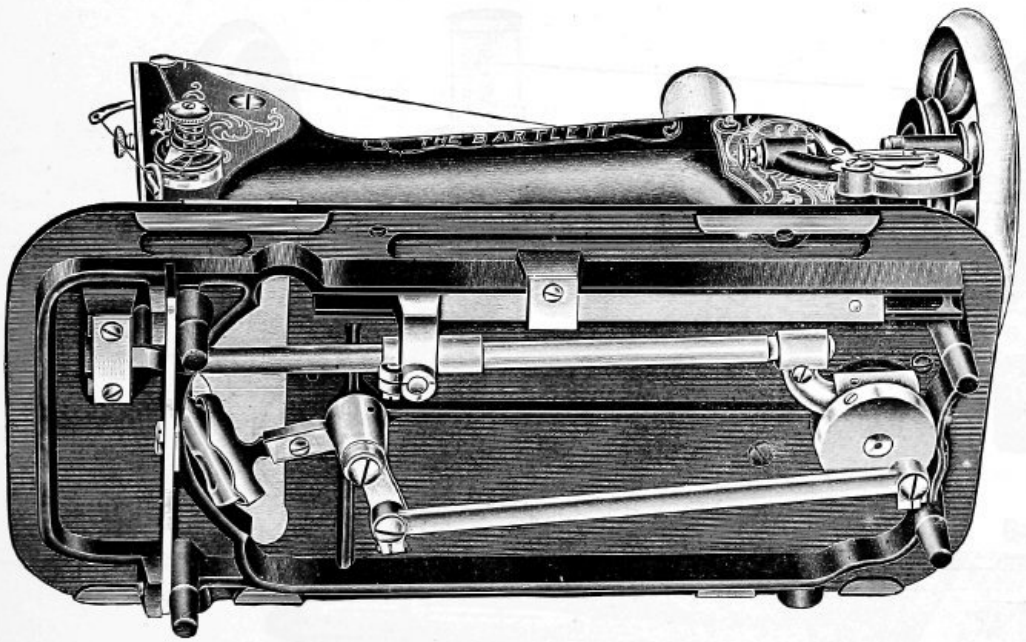
The Needle Bar is round, accurately finished and thoroughly hardened. It is equally rigid in every direction, has no lost motion and consequently operates freely, easily and without noise. The upper end of the Needle Bar is covered and protected by a handsome nickel plated steel cap which insures absolute cleanliness in the bearings, thereby preventing the accumulation of dust and grit and the ensuing hard and noisy running which is common to other machines less fortunately equipped.

The Needle is straight, short and strong and is flattened on one side which makes it impossible to place it in the machine wrong. It is held in place by a patented needle clamp which locks it securely and at the same time permits its ready removal. Genuine OVB Needles are the highest quality possible to manufacture and are made in the same factory as the OVB Bartlett head. They should be used to insure perfect sewing.

(Continued on page 1102)

OVB BARTLETT SEWING MACHINES.

Fully Warranted For Ten Years.



Under View OVB Bartlett Sewing Head

(Continued from page 1101.

The Tension is of the latest improved disc type and is located in a convenient position on the front of the face of the arm. While the action is extremely responsive and sensitive and covers a wide range of adjustment, it is so simple that there is no possibility of its getting out of order or causing trouble. Reference to the X-Ray view on preceding page will prove interesting.

The Automatic Tension Release is the latest and very best and important improvement applied to sewing machine production. It is operated automatically by the presser bar lifter which when raised, causes the removal of all tension on the upper thread so the work may be freely removed without injury to the needle or breaking of thread and without any attention from the operator, where on other machines it is necessary to remove the tension entirely by hand.

The Take-up is positive and automatic in its action. It is operated directly by a cam on the main shaft (see X-Ray illustration) and will control any size or kind of thread in a perfect manner in any class of sewing, thus producing an absolutely correct and perfect stitch.

(Continued from page 1101.)

The Shuttle is self-threading, of large size, and the accompanying bobbin holds a large quantity of thread so it is not necessary to be constantly and frequently changing the bobbin, thereby delaying the work. It is made of the finest tool steel and is glass hardened, so there is no sign of wear even after years of constant use.

The Shuttle Lever has a very short radius, as will be found upon referring to the accompanying cut. This does away with the vibration accompanying other machines, having the common lever with the long swing. It is a wonderfully good feature and is really worthy of more extended notice than space limitations will permit.

The Feed Point is double, extends on both sides of the needle and has four distinct motions, thereby guaranteeing an even movement of the goods being used at all times and under all conditions. This feed is absolutely positive, being free from springs and other uncertain devices which invariably wear and weaken after a machine has been in use for some time and cause serious trouble. It is one of the strongest features of this machine.

The Stitch Regulator controlling the length of the stitch is operated by a thumb screw sliding in the slot on the bed plate in a convenient position for the operator. Attached to the thumb screw is a pointer so that one may instantly set the machine by moving the screw and pointer to the proper place on the scale or index, thus making any size stitch (from six to thirty-two to the inch.)

The Automatic Bobbin Winder is a most important improvement, for with it the bobbins are wound in an accurate and uniform manner. This is done with absolutely no care or attention on the part of the operator further than to keep the treadle moving. This ingenious device is positive and operates without springs.

The Hand Wheel is strongly built and is finished with a beautifully nickel plated polished rim. It is equipped with a releasing device by means of which the mere movement of the milled edge disc at its outer edge releases the wheel so one can wind the bobbin without causing the machine to operate.

The Face Plate is held firmly in place by a single thumb screw so that it is very easily removed. It is beautifully etched showing our OVB trade mark in bold relief.

The Working Parts throughout are built of best quality steel, all those subjected to constant wear being thoroughly hardened in oil and will last for a lifetime. The exposed parts are beautifully and permanently nickel plated over copper and then finely polished.

With this Iron-clad Ten Year Warranty Backing Up Every OVB Bartlett Sewing Machine of Our Line You Incur no Risk, Loss of Money or Time.

CERTIFICATE OF WARRANTY.

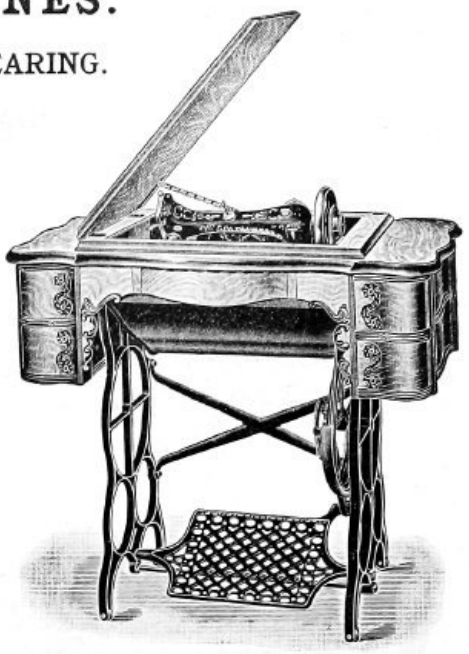
We hereby warrant this Family Sewing Machine number————to endure the wear and tear of family use for *Ten Years* from the date of purchase, and agree to replace *Free of Charge*, during that time, any defective parts, excepting only the wear and breakage of Needles and Shuttles.

HIBBARD, SPENCER, BARTLETT & CO.

SEWING MACHINES.

GOLD HIBBARD, BALL BEARING.

Nos. 56 or 95, Closed.



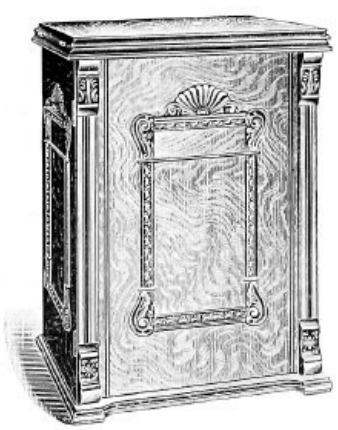
No. 95, Half Open.

No. 56—5 drawers, drop head, *without automatic lift*, golden oak case, swell front, weight 120 lbs., - - - - - each $65.00
No. 76—7 drawers, drop head, *without automatic lift*, golden oak case, swell front, weight 125 lbs., - - - - - " 70.00
No. 95—5 drawers, drop head, *with automatic lift*, golden oak case, swell front, weight 120 lbs., - - - - - " 70.00
No. 97—7 drawers, drop head, *with automatic lift*, golden oak case, swell front, weight 122 lbs., - - - - - " 75.00

Our Gold Hibbards are thoroughly high grade machines, made of good material and by workmen of long experience, and are up-to-date in all their features and fittings. They are as light running and silent shuttle sewing machines as is possible to make. The mechanical construction contains the best results of many years of experience, together with the most approved modern designs and every late improvement calculated to increase the value of a sewing machine for family use. They make what is known as the double lock stitch and use two threads, which are locked together in the center of the goods, forming a stitch which appears the same on both sides. The upper thread is drawn in position directly from the spool without passing through any holes until the eye of the needle is reached. Every bearing in the machine is made from the finest quality of tool steel, thoroughly tempered. They are all adjustable, and any lost motion can be easily taken up after years of hard wear.

We have no hesitation in saying that in all its features this is as fine as any vibrating shuttle machine ever produced. The lift is positive and easy, the head being firmly locked in place by it, and can only be released by turning the leaf back. It is the only dust proof automatic lift machine on the market, being entirely closed up when the head is lowered. The case, which is of quarter-sawed golden oak, has a swell front, as shown in the illustration.

All Gold Hibbard machines have a ½ yd. measure on the front part of the table.



No. 67.

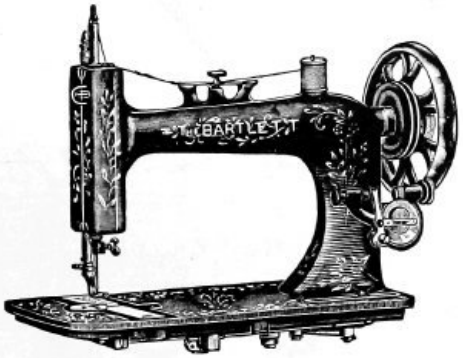
No. 77.

No. 67—Parlor Cabinet, golden oak case 17×22 in., weight 115 lbs., - - - - - - - - - - each $75.00
No. 77—Library Cabinet, golden oak case, 18×26 in., weight 140 lbs., - - - - - - - - - - - " 80.00

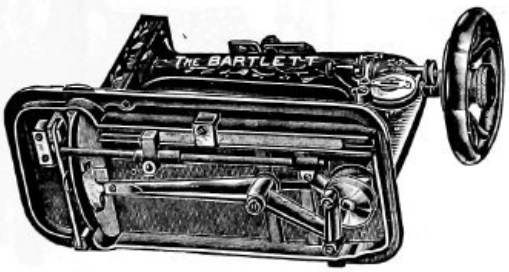
The cabinet work is unequaled for beauty of design, elegance and durability of finish. The illustrations of different kinds show the new and artistic designs and gracefully carved ornamentation. The hand rubbed piano finish produces the highest lustre and extreme durability. The tables are "built up" in transverse sections to prevent warping, and covered with handsome quarter-sawed veneer. The covers are of bent wood, light and strong. The drawer frames are made in skeleton form and the drawers are veneered and perfectly finished on every side. The long center drawer extends the full width of the stand and is divided into convenient compartments.

SEWING MACHINES.

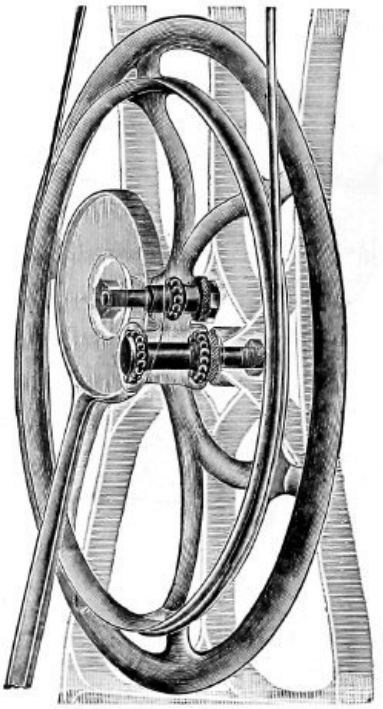
THE BARTLETT, BALL BEARING.



Showing Upper View of Head.



Showing Under View of Head.



Showing Ball Bearings.

The head is handsome and pleasing in appearance, being beautifully decorated. All of the working parts (screws, plates, etc.) are highly polished and nickel plated. The bed plate is let into the wooden table, so that the surfaces of both are flush. The arm is large, very strong and well proportioned, and the clear space underneath it is 5½×9 inches, thus allowing the bulkiest work to be stitched and handled with ease. The needle is straight, has a large shank, and is impossible to set improperly, or for it to become fast in the bar so that it cannot be readily removed, as it is held with the latest patent needle clamp. The needle bar is round, made of hardened steel and finely finished. It runs in hardened steel bushings, packed above and below with felt, which absorbs oil enough to lubricate the part without danger of its running down and soiling the work. The automatic bobbin winder attached to this machine is a great improvement, and with it the bobbin can be wound almost as evenly as a spool of thread, and with no care on the part of the operator except to keep the treadle moving. The feed is double, extending on both sides of the needle, and has four positive motions. It handles heavy and light work with equal facility and is perfect in each. The shuttle is positive, self threading, of large size, cylindrical in shape and made of the finest steel, hardened and polished. The shuttle carrier is of a new design and is fitted with a spring lining, which balances the shuttle and does away with the noisy clicking so noticeable in other machines.

The cabinet work is the finest that has ever been shown on a sewing machine. It is all of oak, quarter-sawed, piano finish, and is beautiful and tasty in design. Following the style of modern furniture, we are making it very dark.

Ball bearings have been successfully applied to all Bartlett machines. There is no lost motion, no noise, but there is ease and pleasure, and provision for wear should there be any.

Attachments.

The attachments supplied without extra charge are of the latest design, interchangeable, and constructed to slip on the presser bar. They are made throughout of the best steel, polished and nickel plated, and there is not a particle of brass or other soft metal, or a single soldered joint about them. They consist of ruffler, tucker, binder, braider foot, shirring slide plate, four hemmers of assorted widths, quilter, thread cutter, hemmer and feller. The accessories include twelve needles, six bobbins, oil can filled with oil, large and small screw driver, sewing guide, certificate of warranty good for five years, and an elaborately illustrated instruction book.

OVB BARTLETT SEWING MACHINES.

Fully Guaranteed for Ten Years.

NUMBERS 90 AND 85.

We believe that this handsome model contains more actual selling value and talking points than any other offered at the same or a similar price by either factory or jobber. It is running over with points of superiority and contains features some of which, singly, are the basis of the vaunted claims of competition machines. It outclasses the better known "Agency" machines sold at exorbitant prices through expensive selling forces, not only in price but, as well, in actual possibilities of time and labor saving.

Every detail of its manufacture has been carefully scrutinized to the end that it may be entirely satisfactory.

THE NO. 90 CASE.

This is a six drawer model with a beautiful, curved drop front piece or apron which conceals the rear ironwork and helps make the machine a real piece of furniture. It has solid paneled sides and full finished panels at the rear of the drawer cases. The lower edges of both the drop front piece and the paneled sides are artistically finished and decorated with delicate carved relief work. The illustration does not do justice to the fine grained quartered oak used nor to the hand rubbed mirror finish. The drawers have the new artistic flush drawer pulls and are as long as the width of the table, being fully enclosed on both sides and at the back. Each is fitted with a secure lock. The drawer space of the six drawers of the No. 90 is extra large amounting to 973 cubic inches.

When the cover is raised, a tested steel cable automatic lifting device brings the head into place for sewing and at the same time, the drop front piece is lifted up affording plenty of room for working the treadle.

This machine has a wholesome, solid, massive appearance which is at once pleasing and satisfying. It is perfect in every detail and, artistically, is beyond criticism.

THE NO. 85 CASE.

This is exactly the same as the No. 90 except that it has two drawers on a side instead of three and the drop front piece is not as deep.

THE OVB BARTLETT HEAD.

The OVB Bartlett is the simplest, high grade, vibrating shuttle sewing machine ever made and less liable to get out of order than any other. Having no complicated devices or "frills" in its make-up, but being a simple, complete, up-to-date sewing machine, it is certain to sew in a satisfactory manner with a minimum of attention from the user.

It has more modern, time and labor saving improvements which have proved good, than any other machine sold to the trade, and is, in fact, the ideal sewing machine for the sewing necessities of the American family.

For a detailed description of the OVB Bartlett Head, we refer you to earlier pages in this catalogue which are illustrated with large upper and under views, as well as an X-Ray view showing all of the working parts.

THE OVB BARTLETT STAND.

The Ball Bearing Stand, which runs easily and quietly, has two sets of accurately ground steel balls encased in ball retainers and operating in micrometer ground steel cones. The nickeled steel pitman has an adjustable head and a non-binding bottom connection.

The Treadle is a perfect casting of the "Our Very Best" trade mark adding a very artistic touch to the stand. Under it is a strong connecting rod fitted with oil cups to prevent soiling of floor or carpet with oil.

The Automatic Belt Replacer rebelts the machine when the head is raised without attention from the operator.

The entire Stand is made of special mixture iron and is finished with three coats of fine black enamel baked on at a high temperature.

THD OVB BARTLETT ATTACHMENTS.

With each Machine there is supplied free of charge a full and complete set of nickeled steel foot attachments packed in substantial individual boxes, which are contained in a neat cloth covered case. The following pieces are included in the set:

Ruffler, Tucker, Binder, Braider, Four Hemmers of different widths, Feller, Shirring Slide, Cloth Guide, Six Bobbins, Twelve Needles, Two Screw Drivers, Filled Oil Can and well illustrated Book of Directions, easily understood.

THE SEWING TEST.

Every OVB Bartlett Sewing Machine is doubly inspected and tested. Once when the head is received by the testing room, complete, ready for mounting on the woodwork and again when it has been mounted on the woodwork and is ready for crating.

A sample of the perfect sewing done on each machine is placed under the presser foot.

This double test guarantees that all OVB Bartlets when uncrated are in perfect condition and ready for immediate use.

No. 90—OVB Bartlett, 6 drawers, drophead, automatic lift, with apron front, quartered oak, crated weight 133 lbs. ..... each $70.00

No. 85—OVB Bartlett, same as No. 90 but with four drawers only, crated weight 125 lbs. ..... " 65.00

FREIGHT CHARGES, BOTH WAYS, ON MACHINES RETURNED FOR ADJUSTMENT, MUST BE PAID BY CUSTOMERS.

OVB BARTLETT SEWING MACHINES.

Fully Guaranteed for Ten Years.

NUMBER 49.

We have sold this style of woodwork for many years and it is still very popular with our trade. Thousands of them are scattered all over the United States.

The No. 49 woodwork harmonizes as a piece of furniture with the fittings of any room, lending an artistic touch to the surroundings as well as fulfilling its duties as a labor saving device for the housewife. It is just as good as many of the so-called "Agency" machines sold at higher prices with expensive selling organizations.

THE NO. 49 CASE.

The artistic design of the No. 49 case, embodying long, graceful curves in the tables and drawers, at once attracts attention. The table and cover lid are of the five-ply built-up construction so that there can be no possibility of warping or cracking if the machine should be exposed to severe weather conditions. The most carefully selected cuts of quarter-sawed oak showing the beautiful grain are used, and closely matched for artistic effect.

The finish is rich and velvety, exactly like that found on the best pianos. In fact, the No. 49 woodwork is perfect in every detail of manufacture and finish.

There are two of the deep, long, rounded drawers on either end of the machine and a swell-front center drawer for bobbins, etc.

The end drawers are fitted with artistic embossed drawer pulls. Upon the table is an eighteen inch tape measure.

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The OVB Bartlett is the simplest, high grade, vibrating shuttle sewing machine ever made and less liable to get out of order than any other. Having no complicated devices or "frills" in its make-up, but being a simple, complete, up-to-date sewing machine, it is certain to sew in a satisfactory manner with a minimum of attention from the user.

It has more modern, time and labor saving improvements which have proven good, than any other machine sold to the trade, and is, in fact, the ideal sewing machine for the sewing necessities of the American family.

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The Ball-Bearing Stand, which runs easily and quietly, has two sets of accurately ground steel balls encased in ball retainers and operating in micrometer ground steel cones. The nickeled steel pitman has an adjustable head and a non-binding bottom connection.

The Treadle is a perfect casting of the "Our Very Best" trade mark adding a very artistic touch to the stand. Under it is a strong connecting rod fitted with oil cups to prevent soiling of floor or carpet with oil.

The Automatic Belt Replacer rebelts the machine when the head is raised without attention from the operator.

The entire Stand is made of special mixture iron and is finished with three coats of fine black enamel baked on at a high temperature.

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With each Machine there is supplied free of charge a full and complete set of nickeled steel foot attachments packed in substantial individual boxes, which are contained in a neat cloth covered case. The following pieces are included in the set:

Ruffler, Tucker, Binder, Braider, Four Hemmers of different widths, Feller, Shirring Slide, Cloth Guide, Six Bobbins, Twelve Needles, Two Screw Drivers, Filled Oil Can and well illustrated Book of Directions, easily understood.

THE SEWING TEST.

Every OVB Bartlett Sewing Machine is doubly inspected and tested. Once when the head is received by the testing room, complete ready for mounting on the woodwork, again when it has been mounted on the woodwork and is ready for crating.

A sample of the perfect sewing done on each machine is placed under the presser foot.

This double test guarantees that all OVB Bartletts when uncrated are in perfect condition and ready for immediate use.

No. 49—OVB Bartlett, 5 drawers, drophead, quarter-sawed oak, automatic lift, weight 128 lbs..... .....each $60.00

FREIGHT CHARGES, BOTH WAYS, ON MACHINES RETURNED FOR ADJUSTMENT, MUST BE PAID BY CUSTOMERS.

LAKE SHORE SEWING MACHINES.

Fully Guaranteed for Ten Years.

This machine is a radical and sharp departure from the usual medium priced sewing machine and is winning the approbation of every dealer who sees it. Medium priced machines have usually been mounted on rather cheap appearing woodwork not much different from that of the lowest priced machines.

The LAKE SHORE was made up especially for us, and combines a good, serviceable sewing machine with woodwork equal in appearance to that which some manufacturers use for their best machines.

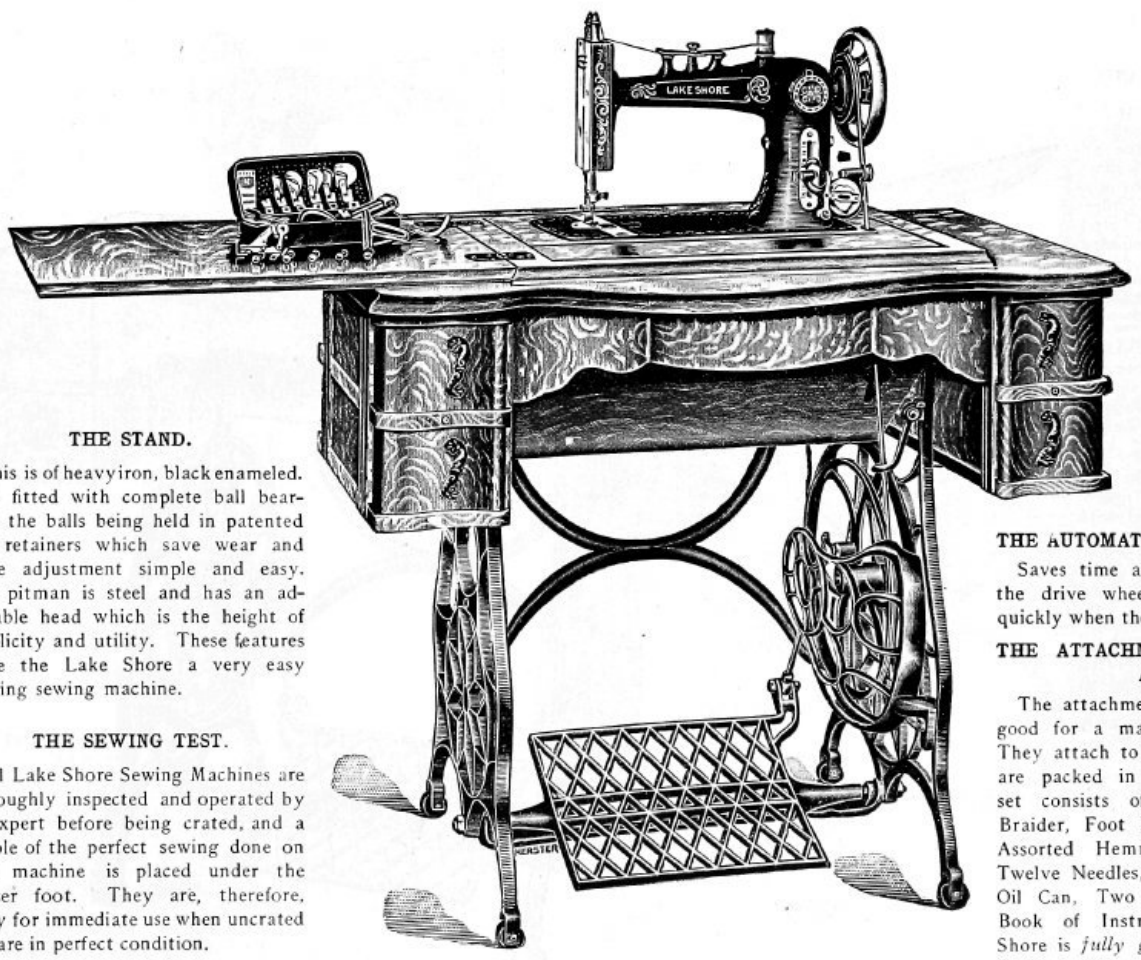
THE LAKE SHORE HEAD.

This has a full size high arm measuring $8\frac{3}{4} \times 5\frac{1}{2}$ inches underneath and makes the double lock-stitch which always holds. The working parts are made from oil hardened steel and will wear for years. It has all the regular features of good sewing machines such as Positive, Four motion Feed, Spring Tension, Stitch Regulator on face of arm, Automatic Bobbin Winder, Gear Releasing Device, Self-Threading Shuttle, Self-setting Needle, Perfect Take up and Nickeled Steel Removable Face Plate. The head is attractively decorated in delicate colored designs and all exposed parts are nickeled.

THE WOODWORK.

This is especially noteworthy as mentioned above. It has a swell front, the drawers being gracefully curved along artistic lines.

The drawer fronts, and the cover lid are of the choicest quarter-sawed oak and as the entire woodwork is given an extra high gloss finish, the effect is very rich and desirable. The woodwork is most substantially made. Besides the four end drawers, each fifteen inches long, there is a center till drawer for bobbins, etc. Upon the table there is an eighteen inch tape measure. The automatic lift raises the head into place ready for sewing when the cover lid is lifted. There is no binding or jerking; simply an easy, gradual but certain lifting of the head into place.



THE STAND.

This is of heavy iron, black enameled. It is fitted with complete ball bearings, the balls being held in patented ball retainers which save wear and make adjustment simple and easy. The pitman is steel and has an adjustable head which is the height of simplicity and utility. These features make the Lake Shore a very easy running sewing machine.

THE SEWING TEST.

All Lake Shore Sewing Machines are thoroughly inspected and operated by an expert before being crated, and a sample of the perfect sewing done on each machine is placed under the presser foot. They are, therefore, ready for immediate use when uncrated and are in perfect condition.

THE AUTOMATIC BELT REPLACER

Saves time and worry as it belts the drive wheel automatically and quickly when the head is raised.

THE ATTACHMENTS AND GUARANTEE.

The attachments are exceptionally good for a machine of this grade. They attach to the presser foot and are packed in a metal box. The set consists of: Ruffler, Tucker, Braider, Foot Braider, Feller, Four Assorted Hemmers, Cloth Guide, Twelve Needles, Six Bobbins, Filled Oil Can, Two Screw Drivers and Book of Instructions. The Lake Shore is *fully guaranteed.*

No. 325—LAKE SHORE, 5 drawers, drophead, ball bearing stand, automatic lift, weight 115 lbs.....each $35.00
No. 327—LAKE SHORE, 7 drawers, otherwise same as No. 325, weight 120 lbs..... " 40.00

FREIGHT CHARGES BOTH WAYS, ON MACHINES RETURNED FOR ADJUSTMENT, MUST BE PAID BY CUSTOMERS.

"METEOR" SEWING MACHINES.

Fully Guaranteed for Ten Years.

We know of sewing machine manufacturers who, because of the fact that their product has been on the market many years and is favorably known, sell, as "high grade," sewing machines which are neither as well constructed nor as well fitted with modern improvements as is the Meteor.

Being free from the costly agency forces maintained by sewing machine factories, we can sell better machines at as low or lower prices than they ask for their less desirable styles.

THE METEOR HEAD.

The Meteor Head is a full High Arm model measuring 8¾×5½ inches underneath so that very bulky work such as comforters and other large pieces can be easily and readily handled.

It runs quietly and smoothly, being very carefully adjusted. Attractive, time saving features include: Perfect Self-Threading Reciprocating Shuttle, Improved Take-up, Presser Foot with two heights of lift, Spring Tension with Side Release, Self Setting-Needle, Positive Four Motion Feed, Gear Releasing Device, Automatic Bobbin Winder, Improved Stitch Regulator on face of arm and Removable Face Plate made of Steel, Nickel Plated.

All Working parts are made of hardened tool steel and the exposed parts both above and below are nickel plated. If properly taken care of the Meteor Head cannot be worn out with ordinary family use.

THE METEOR CASE.

It is becoming more and more difficult every year to produce new styles of sewing machine woodwork which are really attractive. We feel that we have been fortunate in procuring the pattern used on our No. 300 Meteor Sewing Machine and are confident that it will prove very popular.

This Case is very attractive on account of the beautiful markings of oak which are intensified by the finish and set off by the brass capped drawer pulls. This woodwork is very solidly put together so that it will stand all strains of handling and moving. The front of the table is artistically curved and the fronts of the drawers follow the contour of the table. The cover lid is fitted with a strong, easy working automatic lifting device which pulls the head into place for sewing. Upon the table, just in front of the head is a handy tape measure 18 inches long.

The four side drawers, two on each side, are fitted with locks and the swinging drawer in the front is placed there for the containing of extra bobbins, needles, etc.

THE METEOR STAND.

The Ironwork or Stand of the Meteor corresponds in size and style with the excellent woodwork. It is made from a special formula mixture of iron and every piece is carefully smoothed after it comes from the foundry.

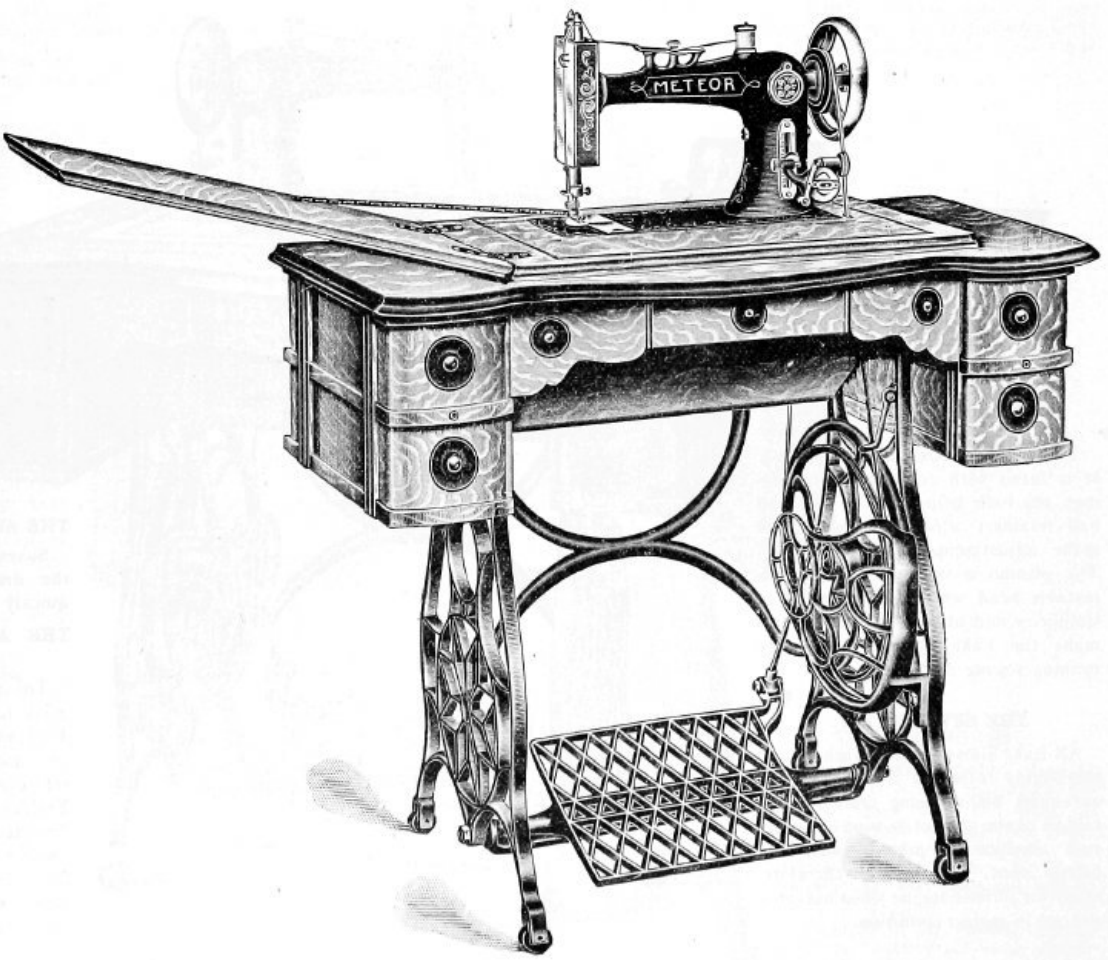
The finish consists of three coats of glossy black enamel, each carefully baked at a high temperature.

The Treadle has beneath it a strong connecting rod fitted with oil cups to prevent any dripping of oil upon the floor.

The Balance Wheel is large and heavy to make operation easy and is fitted with the best ball bearings, the balls being contained in ball retainers so that they cannot possibly wear upon each other.

The Pitman is solid nickel plated steel and is fitted with an adjustable head so that the slightest amount of lost motion can be instantly taken up by tightening the screw.

An attractive feature is the Automatic Belt Replacer which instantly and without attention belts the balance wheel when the treadle is operated.



THE METEOR ATTACHMENTS.

The following complete set of Attachments is included with the Meteor without extra charge and packed in a velvet lined metal box:

Ruffler, Tucker, Feller, Binder, Four Assorted Hemmers, Cloth Guide, Twelve Needles, Six Bobbins, Filled Oil Can, Two Screw Drivers, and Book of Directions which is easily understood.

THE SEWING TEST.

All Meteor Machines are thoroughly inspected and operated by an expert before being crated and a sample of the perfect sewing done on each machine is placed under the presser foot. They are, therefore, ready for immediate use when uncrated and are in perfect condition.

No. 300—METEOR, 5 drawers, drophead, automatic lift, ball bearings, adjustable pitman, crated weight 120 lbs..... each $30.00

FREIGHT CHARGES. BOTH WAYS, ON MACHINES RETURNED FOR ADJUSTMENT, MUST BE PAID BY CUSTOMERS.

"LA BELLE SPECIAL" SEWING MACHINES

Fully Guaranteed For Ten Years

The "La Belle Special" is another example of a combination of features heretofore found only on higher priced and expensive machines with the sterling values of a medium priced pattern without any increase in price.

This machine will be found especially valuable in combating certain styles of competition and we do not know of another machine of corresponding value to be had any where at our price.

THE LA BELLE SPECIAL HEAD.

The "La Belle Special" head is one which we have very carefully tested, and know to be capable of doing, in a satisfactory manner, the sewing necessary in any household.

The working parts are made of hardened tool steel so that they will wear practically a life time. The "La Belle Special" has a Spring Steel Tension, around Needle Bar, a Four Motion Feed, a Stitch Regulator allowing six to twenty stitches to the inch, a Reciprocating Self-threading Shuttle and an Automatic Bobbin Winder. When winding bobbins, the main shaft may be disconnected by means of the thumb screw attached to the hand wheel. The Presser Bar can be lifted to two different heights and the Presser Foot can be easily removed in order that the attachments may be placed upon the Presser Bar. The Shuttle Race is equipped with a small oil well so that the point of the Shuttle is slightly oiled every time a stitch is made, guaranteeing that it will always run smoothly and quietly.

THE LA BELLE SPECIAL CASE.

The imitation hand carved embossing very attractively sets off the selected solid dark oak and the touch of color around the brass tipped drawer pulls heightens the artistic effect.

The drop apron front which is also artistically decorated conceals the rear iron work and is drawn up, leaving plenty of knee room for operation when the head is raised by the automatic lifting device which is attached to the cover lid. The drawers are the full length of the table and fully finished on both sides. They are very solidly made and will not warp or shrink, running smoothly and easily on the runways of the drawer cases. They are equipped with strong locks.

This case is given a high finish which is very attractive and agrees perfectly with the glossy finish of the stand. An eighteen inch tape measure is on the table in front of the head. Owing to its construction, this machine presents a finished appearance in the rear as well as in the front.

THE LA BELLE SPECIAL STAND.

The "La Belle Special" stand is remarkably strong and of a very pleasing pattern. It is modeled to insure rigidity so there will be no vibration when the machine is in operation. The back brace is also strongly constructed. The treadle which extends the entire distance between the frame work has beneath it an additional strengthening bar which has two oil cups directly underneath the treadle bearings so that oil will not drip upon the carpet or floor.

The dress guard is larger than is found on many machines. The entire iron work is given three coats of glossy black enamel.

All bearing points are hung on hardened steel cones which are provided with means of adjustment in case this should be necessary after many years of use.

THE LA BELLE SPECIAL ATTACHMENTS.

The "La Belle Special" steel attachments are supplied without extra charge, consisting of the following:

Ruffler, Tucker, Binder, Braider, Feller, Quilter, Four Assorted Hemmers, Cloth Guide, Twelve Needles, Six Bobbins, Filled Oil Can, Two Screw Drivers, and book of directions which is easily understood.

THE SEWING TEST.

All "La Belle Special" machines are thoroughly inspected and operated by an expert before being crated and a sample of the perfect sewing done on each machine is placed under the presser foot. They are, therefore, ready for immediate use when uncrated and are in perfect condition.

No. 250—La Belle Special, 4 drawers, drophead, apron front, automatic lift, crated weight 110 lbs.....each $30.00

FREIGHT CHARGES, BOTH WAYS, ON MACHINES RETURNED FOR ADJUSTMENT, MUST BE PAID BY CUSTOMERS.

"LA BELLE" SEWING MACHINES.

Fully Guaranteed for Five Years.

This is the best low-priced machine on the market, beyond question. It is an example of what our large buying capacity enables us to do. Compare it part by part with other low-price machines and the superior value becomes apparent. The "La Belle" is thoroughly dependable and will give excellent service.

THE LA BELLE HEAD.

The head of the "La Belle" is of a pleasing pattern and the arm affords a generous space for sewing of heavy and bulky material. The working parts are made of tool steel. All of the exposed parts are heavily nickel plated including those on the under side of the head. Those on the upper side of the head are nicely polished.

The Shuttle is self-threading and reciprocates perfectly in connection with the action of the Needle Bar which is round and carefully fitted in position. The Presser Foot has two different lengths of lift and can easily be adjusted for sewing either thin or heavy goods. The Needle is firmly held in place by the needle clamp and has only one flat side so that it is impossible to set the needle wrong. The Tension is easily adjusted and released. It is conveniently located on the top of the arm.

The "La Belle" head also has Positive, Four Motion Feed, Improved Stitch Regulator, Automatic Bobbin Winder, Releasing Device when using Bobbin Winder and Nickeled Steel Removable Face Plate.

THE LA BELLE CASE.

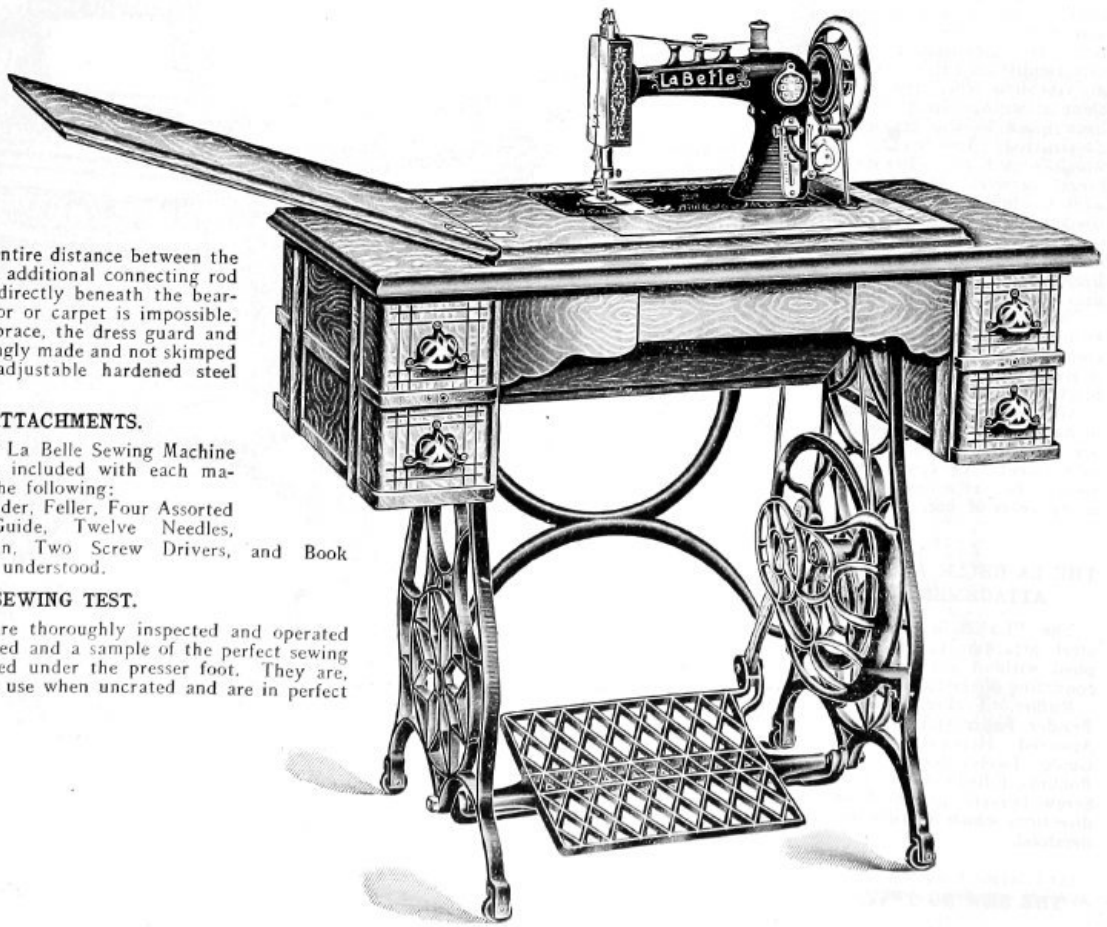
The "La Belle" case is strongly and attractively made. There are two roomy drawers on each side of the table and one swinging drawer in the center. The drawer fronts have an attractive rectangular pattern of crossed lines, and are fitted with nickel plated drawer pulls and locks. These drawers are full length of the woodwork and fully finished all around.

Upon the table, there is an 18-inch tape measure which is very convenient. The "La Belle" woodwork is given a gloss varnish finish which retains its lustre for a long time.

THE LA BELLE STAND.

The iron stand upon which the "La Belle" woodwork is mounted is much better quality than is generally found upon a machine of this kind.

The treadle, instead of being mounted on a single connecting rod, between the two stand parts, extends the entire distance between the two legs and beneath it is an additional connecting rod which is fitted with oil cups directly beneath the bearings so that soiling of the floor or carpet is impossible. The two stand legs, the rear brace, the dress guard and also the balance wheel are strongly made and not skimped in size. All bearings have adjustable hardened steel cones.



THE LA BELLE ATTACHMENTS.

No extra charge is made for La Belle Sewing Machine Attachments, a full set being included with each machine. Each set consists of the following:

Ruffler, Tucker, Binder, Braider, Feller, Four Assorted Hemmers, Quilter, Cloth Guide, Twelve Needles, Six Bobbins, Filled Oil Can, Two Screw Drivers, and Book of Directions which is easily understood.

THE SEWING TEST.

All "La Belle" machines are thoroughly inspected and operated by an expert before being crated and a sample of the perfect sewing done on each machine is placed under the presser foot. They are, therefore, ready for immediate use when uncrated and are in perfect condition.

No. 200 La Belle, 5 drawers, drophead, complete with attachments, crated weight 105 lbs.....each $25.00

FREIGHT CHARGES, BOTH WAYS, ON MACHINES RETURNED FOR ADJUSTMENT, MUST BE PAID BY CUSTOMERS.

SEWING MACHINES.

THE CONOVER HAND.

No. 1000.

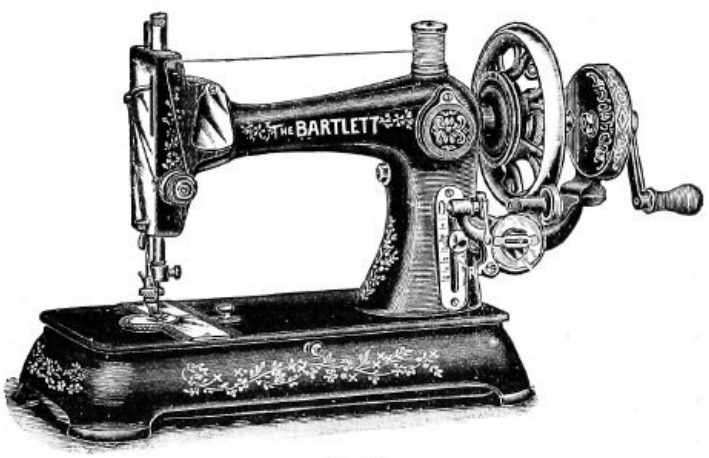
No. 1100.

No. 1000—Iron base, weight 35 lbs., - - - - - - - - - - - - - - - - each $12.00
No. 1100—Oak wood base, bent oak cover, with handle for carrying, weight 48 lbs., - - - - - - - - " 15.00

The above illustrates our Conover Hand Sewing Machine. This is a first-class, reliable machine, capable of doing the widest range of work, and assuring utmost satisfaction, and withstanding long usage without getting out of order or wearing out. It makes what is known as the double lock stitch, by using two threads that are locked together in the center of the goods. It has what is termed the eccentric shuttle movement and a positive four-motion feed. This machine takes the latest style straight flat shank needle and the needle is self-setting. It is also provided with a modern automatic bobbin winder, with the latest style self-threading cylinder shuttle, made of hardened steel carefully polished, and is also fitted with a device by which the gearing is readily released, thus enabling the operator to wind the bobbin with the automatic bobbin winder without operating the working parts of the machine. It is handsomely finished in black enamel, highly decorated.

The following attachments and accessories are furnished: Hemmer and feller, sewing gauge, gauge screw, quilter, oil can (filled), 6 needles, 3 bobbins, 4 plate hemmers, and plate binder.

THE BARTLETT, HAND.



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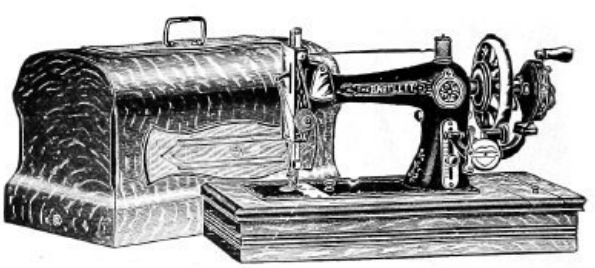


No. 12.

No. 11—With iron base, japanned and handsomely ornamented, - - - - - - - - - - - - each $14.00
No. 12—With inlaid wood base and cover, - - - - - - - - - - - - - - - - " 18.00

The Bartlett Hand Sewing Machine is the finest machine of this style ever offered to the trade. It is fitted with the improved disc tension, positive take-up, capped needle bar, etc., which mark the up-to-date sewing machine of to-day. All of the working parts, screws, plates, levers, etc., are nickel plated and highly polished. The needle bar is round and thoroughly hardened. The tension release is automatic and operates when the presser foot lifter is raised. The automatic bobbin winder is the same as is found on the regular treadle machines. The shuttle is of a large size and self-threading. The Bartlett Hand Machine is thoroughly reliable in every way and all kinds of practical sewing can be done with it.

With each machine we furnish an instruction book in English or Spanish, 2 screw drivers, oil can (filled), 6 needles, 4 bobbins, 1 binder, 4 hemmers of assorted sizes, quilter and gauge.

SEWING MACHINE SUNDRIES.

We can supply all kinds of Parts, Needles, Shuttles, Bobbins, Spooler Rubbers, in fact, anything you may have call for, for all kinds of Sewing Machines.

When you have calls for Repairs, takes orders to be filled at Reasonable Prices and send to us.

ATTACHMENTS COMPLETE.

⊕Y⊕ Bartlett	per set	$3.00
Lake Shore	"	2.50
Meteor	"	2.50
La Belle Special	"	2.50
La Belle	"	2.00

EXTRA ATTACHMENTS.

Rufflers	each	$1.50
Tuckers	"	1.10
Hemmers	"	.35
Binders	"	.35
Braider Feet	"	.35
Shuttles	"	1.25
Bobbins	per dozen	.50

NOTE—In ordering Bartlett Shuttles give individual number of the machine found on shuttle race cover or on shuttle race under cover. THIS IS ABSOLUTELY NECESSARY. Order cannot be filled without it.

We can also furnish parts and attachments for the Gold Hibbard, New Conover, C. & C. and other machines formerly sold by us.

SEWING MACHINE BELTS.

68 in., oak tanned leather, round, solid, with hooks.....per dozen $2.00

SEWING MACHINE BELTING ON SPOOLS.

Oak Tanned Leather, Round, Solid.

Size	3/16	7/32	1/4	5/16	3/4 in.
Per 100 ft	$3.00	3.50	4.00	7.00	20.00

The spool keeps the belting in good condition and prevents waste.

ON SPOOLS OF 100 AND 500 FEET.

OILERS.

No. 50—Tin, diameter, 1¾ in., height 3¼ in., 2 in. spout..per dozen $0.80

ONE DOZEN IN A BOX.

SCREW DRIVERS.

No. 122L—1½ in. blade, beechwood handle, brass cap ferrule per dozen $0.70

ONE DOZEN IN A BOX.

SEWING MACHINE NEEDLE ASSORTMENTS.

No. 10—8½×9½×9¾ in. case, 24 compartments for needles, one lower drawer for extra stock, contains first-class American needles. The case is made from heavy cardboard and has a hinged cover. On back of case is a list of interchangeable needles of 92 machines so that the dealer can supply practically any needles called for, two 8×10 display cards with each assortment.

150 Packages of 2 needles each, for all kinds sewing machines, at 5c..... $7.50

50 Packages of 3 needles each, for N. F. Singer machines, at 5c..... 2.50

Per assortment $10.00

⊕Y⊕ Bartlett needles are the highest quality possible to manufacture and are not sold by any sewing machine supply houses. They have perfect eyes, accurately ground points, and are true to size. The ⊕Y⊕ Bartlett needles also fit the Lake Shore, Meteor, La Belle, Mars and the Conover and Bartlett Hand Machines. "Cheap" needles cause 50% of sewing troubles because they are poorly made. Our machines are guaranteed to work correctly only when genuine ⊕Y⊕ Bartlett needles are used.

SIZE OF COTTON THREAD.	80 TO 100	60 TO 80	40 TO 60	30 TO 40	20 TO 30
⊕Y⊕ Bartlett	3	4	5	6	7
Lake Shore, ⊕Y⊕ Brand	3	4	5	6	7
Meteor, ⊕Y⊕ Brand	3	4	5	6	7
La Belle, ⊕Y⊕ Brand	3	4	5	6	7
Ajax	00	0	1	2	3
American, Old Style	0	½	1	2	3
American No. 7	0	½	1	2	3
Belvidede	3	4	5	6	7
Crown	1	2	3	4	5
C. & C	00	0	1	2	3
Davis, New Style	00	0	1	2	3
Domestic, New Style	3	4	5	6	7
Eldredge, Flat Shank, ⊕Y⊕ Brand	3	4	5	6	7
Gold Hibbard	00	0	1	2	3
Goodrich, New Style	3	4	5	6	7
Household	3	4	5	6	7
Howe E	00	0	1	2	3
Howe G	00	0	1	2	3
Improved High Arm Singer	3	4	5	6	7
New Conover	00	0	1	2	3
New Home	B	½	1	2	3
Norwood	3	4	5	6	7
Remington, New Style	B	½	1	2	3
Royal, New Style	3	4	5	6	7
Seamstress	3	4	5	6	7
Singer, Family Old Style	B	½	1	2	3
Singer, Oscillating Round Shank	B	½	1	2	3
Singer, V. S. No. 2	B	½	1	2	3
Standard, Short	3	4	5	6	7
Standard, Long	3	4	5	6	7
Union	3	4	5	6	7
Wheeler & Wilson No. 8	3	4	5	6	7
Wheeler & Wilson No. 9	3	4	5	6	7
White, Round Shank	00	0	1	2	3
White, Flat Shank	00	0	1	2	3
Willcox & Gibbs	0	1	2	3	4
Wilson, Oscillating	00	0	1	2	3

All Kinds, including any not given in above list.....per dozen $0.30

These needles are put up two in a paper to retail at five cents per paper. Papers are plainly marked, giving size of needles, name of machine, and whether for cotton or silk.

INTERCHANGEABLE NEEDLES.

On request, we will send any dealer an interchangeable needle list which will enable a dealer to supply needles for 125 different machines from a stock of only 14 kinds in different sizes.

⊕Y⊕ SEWING MACHINE OIL.

This is a double filtered oil, free from gum. It is odorless and will not become rancid. Will not stain white cloth. Works very freely in the small bearings of a machine, and has great lubricating properties. Will last longer than any other oil for the purpose.

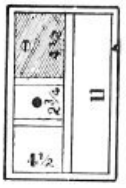
1 oz. Bottles	per dozen	$0.60
2 oz. Bottles	"	.90
3 oz. Bottles	"	1.10
4 oz. Bottles	"	1.40

H.S.B.&CO. REV-O-NOC FIRE PROOF SAFES.

Shipped F.O.B. Factory Southern Ohio.

SINGLE OUTSIDE DOOR—NO INSIDE DOOR.

Diagrams and Dimensions of Interiors.



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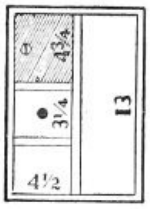

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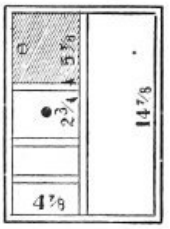

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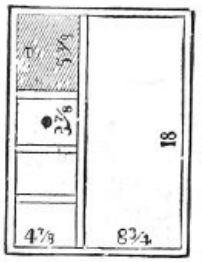


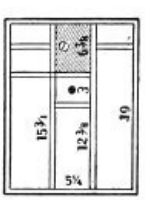
No. 410

	OUTSIDE DIMENSIONS. HEIGHT.	DEPTH.	WIDTH.	INSIDE DIMENSIONS. HEIGHT.	APPROX. DEPTH.	WIDTH.	APPROXIMATE WEIGHT.	EACH.
No. 350.	22 in.	16 in.	15 in.	11½ in.	8½ in.	9 in.	225 lbs	$34.00
No. 370.	26 in.	17 in.	16 in.	13 in.	10 in.	9 in.	350 lbs	40.00
No. 390.	29 in.	18 in.	18¼ in.	15 in.	10 in.	10 in.	500 lbs	50.00
No. 410.	32 in.	22¼ in.	22¼ in.	18 in.	12½ in.	14 in.	750 lbs	66.00
Inside Door								extra each 8.00

When inside door is desired, so specify and add to any size above except No. 350.

SINGLE OUTSIDE AND INSIDE DOOR.

Diagrams and Dimensions of Interiors.



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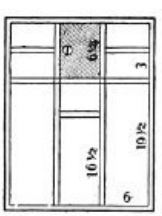

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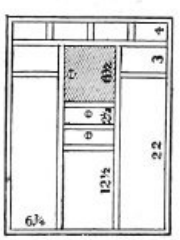

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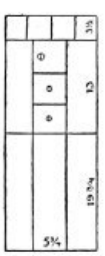

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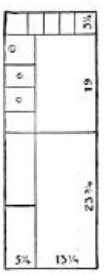
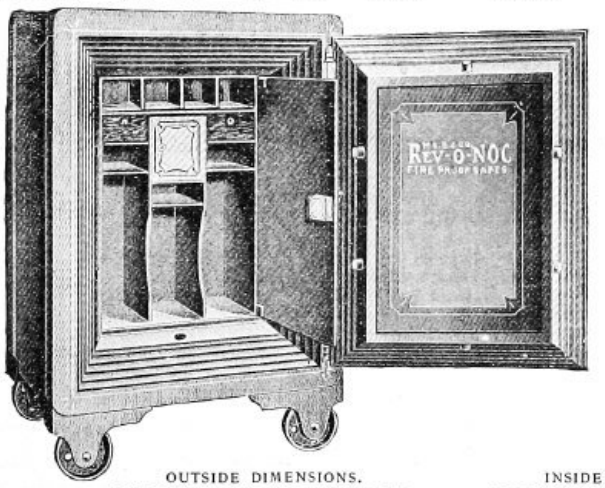


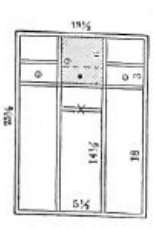
No. 2510

	OUTSIDE DIMENSIONS. HEIGHT.	DEPTH.	WIDTH.	INSIDE DIMENSIONS. HEIGHT.	DEPTH.	WIDTH.	APPROXIMATE WEIGHT.	EACH.
No. 450.	38½ in.	25¼ in.	26 in.	22½ in.	13½ in.	16½ in.	1,000 lbs	$ 85.00
No. 470.	42 in.	26 in.	28 in.	26 in.	14 in.	18 in.	1,250 lbs	110.00
No. 510.	51 in.	28½ in.	32 in.	30 in.	14½ in.	20 in.	1,900 lbs	146.00
No. 2450.	54 in.	26¼ in.	26 in.	36 in.	15 in.	16½ in.	1,600 lbs	170.00
No. 2510.	68 in.	28 in.	30 in.	45½ in.	16 in.	20 in.	2,500 lbs	220.00

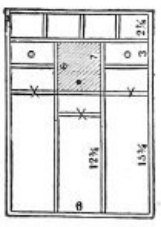


SINGLE OUTSIDE AND INSIDE DOOR.

Diagrams and Dimensions of Interiors.



No. 480.



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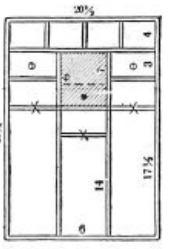

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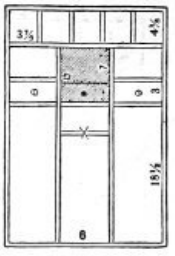


No. 520.

	OUTSIDE DIMENSIONS. HEIGHT.	DEPTH.	WIDTH.	INSIDE DIMENSIONS. HEIGHT.	DEPTH.	WIDTH.	APPROXIMATE WEIGHT.	EACH.
No. 480.	45½ in.	28 in.	31 in.	25½ in.	13 in.	18½ in.	1,850 lbs	$146.00
No. 490.	47½ in.	28 in.	31¾ in.	27½ in.	13 in.	19½ in.	2,000 lbs	150.00
No. 500.	50½ in.	29 in.	32¾ in.	29½ in.	14 in.	20½ in.	2,150 lbs	170.00
No. 520.	52 in.	29 in.	33½ in.	31½ in.	14 in.	21½ in.	2,350 lbs	180.00

For description of Rev-o-noc Fire Proof Safes see next page.

Name of purchaser painted on safe without extra charge (a printed copy should be supplied if possible).

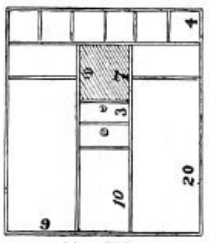
Combination lock shipped unless key lock on outside door is ordered. Interior woodwork can be changed as desired—we will charge for same at exact cost to us.

REV-O-NOC FIRE PROOF SAFES.

Shipped F. O. B. Factory Southern Ohio.

DOUBLE INSIDE AND OUTSIDE DOORS.

Diagrams and Dimensions of Interiors.



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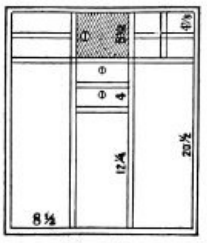

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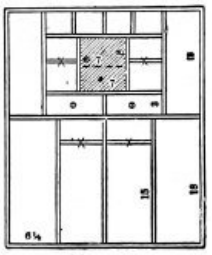

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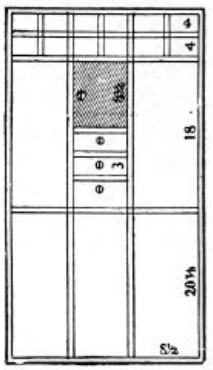

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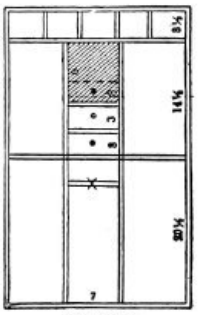

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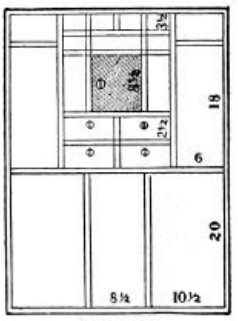

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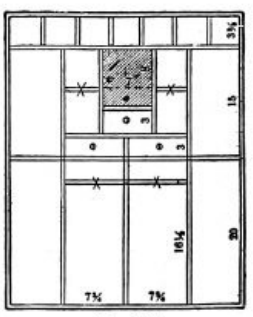
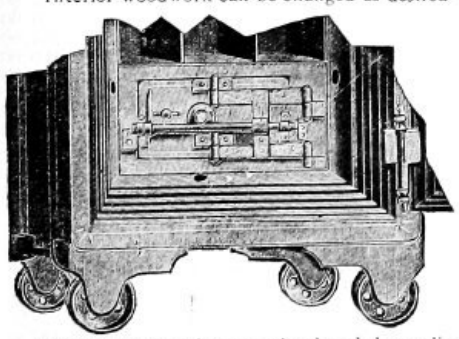


No. 660.

	INSIDE DIMENSIONS. HEIGHT.	DEPTH.	WIDTH.	OUTSIDE DIMENSIONS. HEIGHT.	DEPTH.	WIDTH.	APPROXIMATE WEIGHT.	EACH.
No. 600.	48 in.	26 in.	34½ in.	28 in.	14½ in.	24 in.	2,000 lbs	$220.00
No. 610.	52 in.	30 in.	38 in.	30 in.	15 in.	26 in.	2,500 lbs	240.00
No. 620.	55 in.	30 in.	40½ in.	34 in.	15 in.	28 in.	3,000 lbs	260.00
No. 630.	68 in.	30 in.	38 in.	48½ in.	15 in.	26 in.	3,400 lbs	310.00
No. 640.	60¾ in.	30 in.	36½ in.	39½ in.	15 in.	23¾ in.	3,300 lbs	300.00
No. 650.	64½ in.	31 in.	42 in.	43½ in.	16 in.	29½ in.	3,850 lbs	320.00
No. 660.	61¾ in.	31 in.	45½ in.	39½ in.	16¼ in.	31½ in.	4,000 lbs	330.00

Description below.

Name of purchaser painted on safe without extra charge (a printed copy should be supplied if possible).
Combination lock shipped unless key lock on outside door is ordered.
Interior woodwork can be changed as desired—we will charge for same at exact cost to us.



BURGLAR PROOF CHESTS.

This chest is built of 5-ply Burglar Proof Plates. Door is 2 inches thick. Double acting boltwork, crane hinges, pressure bar. Dial and handle are built in and are detachable.

These chests can be placed in following safes:

Furnished with **No. 450 to 520** inclusive.....extra, each $150.00
Furnished with **No. 600 to 640** inclusive..... " 150.00
Furnished with **No. 650 to 660** inclusive..... " 165.00

Give number of safe desired, and specify "Burglar Proof Chest."

DESCRIPTION OF "REV-O-NOC" FIRE PROOF SAFES.

CONSTRUCTION. Rev-o-noc Fire Proof Safes are constructed by forming outer and inner boxes of wrought steel, between which secretly prepared concrete filling is introduced in a semi-liquid state, permeating and reaching into every crevice, making the whole structure, when hardened, a solid mass.

The filling soon becomes hard and dry as limestone rock, and never corrodes the steel, which is sufficiently thick to cause great strength in connection with the filling, and yet not thick enough to prove injurious as a conductor of heat.

The secret of the cement concrete qualities is the chemical change that takes place when it is subjected to a great heat, generating a vapor that fills all the pores in the cement, forming a cool, moist wall around the contents during its subjection to the heat.

WALLS. These are built from the outside inward. When complete, no screw point or head can be seen from the outside, making it impossible to locate a screw head from any point at the outside. All screws pass through one plate and half through another. The next plate covers the heads of the preceding set of screws. The edges of all plates are ground true to insure a perfect fit at every point.

The outside steel box is formed of one continuous plate, bent around at the corners, forming top, sides, and bottom, which is securely attached to heavy front and back wrought iron angle frames, forming in outline an all-round-cornered safe.

DOORS. The outside door measures 4 inches thick, from the outside surface to the inside of lock cap. This, of course, includes the space occupied by the lock and bolt mechanism, solid thickness of doors being 2 inches of alternate layers of wrought iron and steel plates.

TEMPERING AND TESTING. Every piece is carefully inspected before it enters the workshop. Not a flaw is excused or overlooked. Every piece of steel is tested after being put through the tempering process. A magnificent system of inspection in every department precludes any possibility of poor material or workmanship entering into these safes.

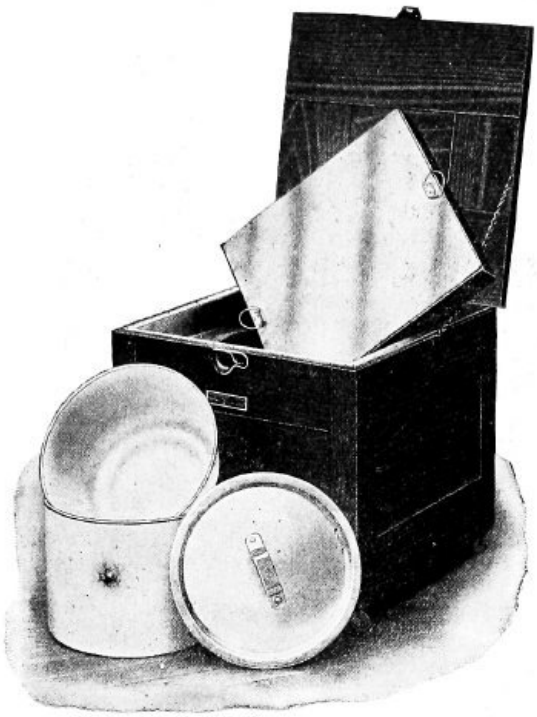
LOCKS AND SPINDLES. Our patented combination lock has four tumblers, also a patented changing device so that combination can be changed at your will. All safes are numbered, and purchaser's name, town and number and original combination retained at factory to be used in case of accidents.

WEIGHT. We give you an approximate weight only for guidance in ascertaining freight rates, as two safes of the same size may differ very widely. We, therefore, cannot agree to supply any special weight. We sell by size, NOT weight.

A WORD. Every public and private place of business or residence should have a fire proof safe of some kind. It will assist you very materially in securing prompt adjustments of insurance, and at the same time preserving valuable papers which can never be replaced. The small expense of the safe pays for itself time and time again. Price is no object in a safe. GET A GOOD SAFE THAT HAS STOOD THE TEST FOR NEARLY ONE-HALF A CENTURY.

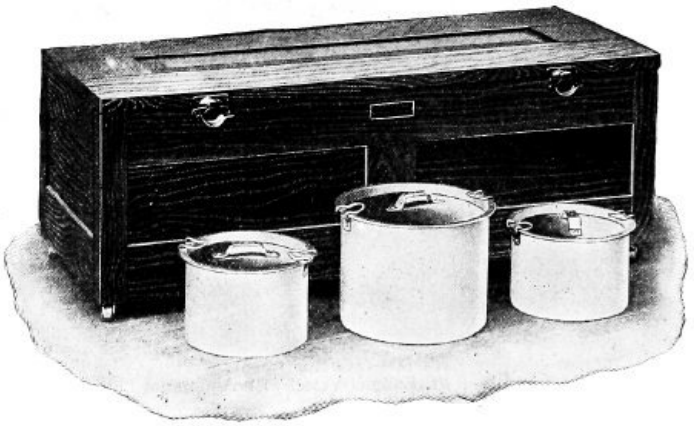
PURITY FIRELESS COOKERS.

With Metal Pads.



No. 15—1 Compartment.
(1 Combination Aluminum Kettle and Cover, Bottom 9 qt, and Top Pail 5 qt.)

No. 25—2 Compartments.
(1 Combination Bottom 9 qt. and Top Pail 5 qt. Aluminum Kettle and Cover and 1-6 qt. Aluminum Kettle and Cover.)



No. 35—3 Compartments.
(2—4 and 1—9 qt. Aluminum Kettles and Covers.)

From Stock or Factory, Northwestern Illinois.

The Improved "Purity" Fireless Cooker embodies all of the features of the original "Purity,' together with many improvements, which places it on a pedestal by itself, as being the finest and most sanitary cooker made.

Material—The box is of a selected, clear hard white pine, which as a result of exhaustive tests, has proven that it is the greatest non-heat conductor of all woods. This box is packed with a tested non-heat conducting material, special care having been used in the selection thereof. The wells and exposed surface are both lined with heavy asbestos board, all of which is covered with a heavy coated bright tin, making an absolutely sanitary construction. The pads are packed with a pure, non-heat conducting material, being covered with coated tin, making them absolutley sanitary. The tin, not being joined together on the edges, makes a perfect insulation. The ends are covered with felt, making tight joints. The cooking vessels are of a pure, spun aluminum, fitted with aluminum covers. This makes an anti-rust vessel, with a perfecty tight cover, and will last a life time. All hardware is old copper finish.

Utility—Undoubtedly fircless cookers will save fuel, time, worry, cooking odors, cooks food thoroughly, and are without any question a wonderful convenience in any kitchen.

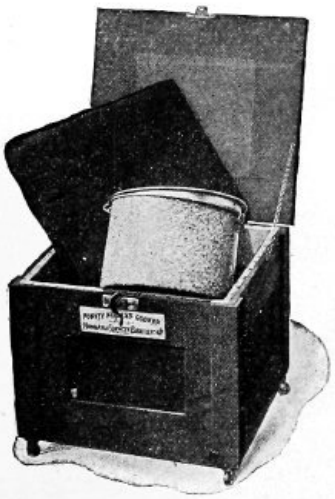
Operating—Bring the food to a boil a certain number of hours before mealtime, as explained in the big free cookbook, with each cooker, place the food in the same vessel in which it has been cooked, into the cooker, cover up immediately and perfectly tight, and you will have a most delicious dish when you open the cooker at meal time.

Selling—Fireless cookers are being advertised in the leading magazines very extensively, and we would suggest that merchants follow up this advertising by inserting an ad in local papers, cuts for which we will furnish free of charge. Also distribute circulars among your better customers. We will gladly furnish you with orders of sufficient size, a quantity of circulars for this purpose.

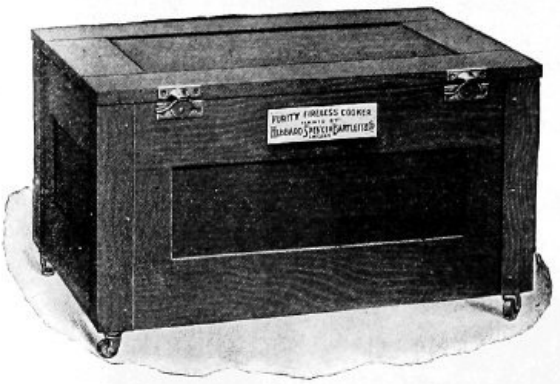
	OUTSIDE DIMENSIONS.			APPROXIMATE	
	Height.	Width.	Length.	SHIPPING WEIGHT.	EACH.
No. 15	15½ in.	16 in.	16 in.	45 lbs.	$ 8.70
No. 25	15½ in.	16 in.	26½ in.	65 lbs.	13.50
No. 35	14½ in.	15 in.	38½ in.	75 lbs.	15.00
No. 250*	15½ in.	16 in.	26½ in.	65 lbs.	15.00

*SAME AS NO. 25 WITH BRASS TRIMMINGS, A BEAUTIFUL COOKER.

PURITY FIRELESS COOKERS.



No. 10—1 Compartment.
(1—9 qt. Enamel Vessel with Aluminum Lid.)



No. 20—2 Compartments.
(1—4 and 1—6 qt. Enamel Vessel with Aluminum Lids)

No. 30—3 Compartments.
(2—4 and 1—9 qt. Enamel Vessel with Aluminum Lids

From Stock or Factory Northwestern Illinois.

The Original "Purity" Utilizes the modern method of cooking, without fire or fuel. The fireless cooker age is at hand. As a result of the enormous advertising this process in cookery is receiving, every man or woman who has the saving of fuel, labor and health at heart, will be interested in a fireless cooker. The "Purity" is the result of scientific experiment and embodies all essential features of a successful fireless cooker, together with the sanitary feature.

There are thousands of "Purity" fireless cookers in use throughout this country, and all giving universal satisfaction.

Material—The box is made of a selected, clear white hard pine, which is the greatest non-heat conductor of any wood known, and is in accordance with exhaustive tests that we have made. This box is packed with a pure non-heat conducting material, thoroughly lined with asbestos and with a heavy coated bright tin, making it easy to keep clean and sanitary, and at the same time free from rust. The pads are durable, well made, fitting absolutely tight, covered with a high grade of English denim. The cooking vessels are of a high grade of enameledware, fitted with aluminum covers,—anti-rust, which can be clamped down perfectly tight on the vessel, preventing any of the steam or heat from escaping. (Sizes approximate.)

Utility—Saves over half of the fuel bill, saves over half of the time, saves cooking utensils, saves worry, scorching, uncooked food, also prevents cooking odors from circulating through the house, and keeps the kitchen many degrees cooler.

Operation—Bring the food to a boil early in the day, put in cooker and it will be thoroughly done by noon. (See directions in big cook book free with every cooker.) Be sure that you cover the vessel up with the pads tight, and also close the cover. Fireless cookery is not a secret. It is simply retaining the original heat by means of perfect insulation.

Selling—As to marketing this "Purity," we suggest that the merchant try one in his own home, all users become enthusiastic, and imparting this enthusiasm to others creates a demand.

Also follow up the extensive magazine advertising by advertising in the local papers, and give a demonstration in the store. Get into the fireless cooker business with energy and your profits will be big. Fireless cookers are now past the experimental stage and are being sold all over the country, the same as refrigerators, kitchen cabinets, etc., and are just as essential to a home.

	Outside Dimensions.			Approximate Shipping Weight.	Each.
	Height	Width	Length		
No. 10	14½ in.	15 in.	16½ in.	37 lbs.	$ 7.00
No. 20	14½ in.	15 in.	23½ in.	48 lbs.	9.50
No. 30	14½ in	15 in.	38½ in.	73 lbs.	14.00

COLLAPSIBLE GO-CARTS.

"PULLMAN COLLAPSIBLE."

In the "Pullman Collapsible" we offer a cart that has all the style and finish resulting from years of experience. The solid wood sides give as much protection and attractive appearance as the regular carriage, and at the same time the cart can be collapsed into a close package. This cart also saves the purchase of a regular carriage for the very young child, as it makes an ideal reclining vehicle, the springs being very sensitive. The depth of adjustable dash affords plenty of room when child sits up.

For style, finish, durability and attractiveness we recommend the "Pullman Collapsible."

Frame—Of Shelby steel tubing, all joints electrically welded, no rivets, frame practically one continuous piece of steel. Two heavy braces hold wheels rigidly in place.

Body—Is made of wood veneer set in metal frames highly polished, to match finish of cart.

Upholstering—Fine grade leatherette, hood to match, with double nickel spreader, fitted with new feature; no thumb screws.

Finish—Of 3 coats enamel baked on; nickel trimmed.

Springs—Are very sensitive and placed under the seat to take up all jar.

Reclining Feature—Adjustable solid reclining back, operated to any angle by means of a lever on back of seat. No pinching of fingers in adjusting. Dash is adjustable, also fitted with a cover, forming convenient place for packages.

Pusher—Of ⅝ in. Shelby seamless tubing, with nickel plated handle. Wheels are 10 in., of cold rolled steel, tin plated with pressed steel spokes electrically welded to rim and hub. No wire spokes to break and bend. ½ inch pure rubber tire is used.

Folding—Fold dash and seat flat, fold sides by releasing side thumb catches, fold handle down, release braces between wheels. To open reverse the operation.

No. 101BL—Finished in black enamel, upholstering and hood to match, nickel trimmed.....each $14.00

No. 101G —Finished in green enamel, upholstering and hood to match, nickel trimmed.....each 14.00

No. 101B —Finished in brown enamel, upholstering and hood to match, nickel trimmed.....each 14.00

PACKED IN A TIGHT CARTON, COMPLETE WITH HOOD; SHIPPING WEIGHT 30 LBS.

SUNSHINE, ONE MOTION.

Frame—Of ⅝ inch steel tubing, all joints electrically welded, no rivets.

Upholstering—Fine grade leatherette, large hood to match with nickel spreader.

Finish—Of 3 coats enamel, baked on. Nickel trimmed as follows,—arm rest, brace, spreader, dash arrangement, locking device and pusher, etc.

Springs—Are very sensitive and under seat and take up all jar.

Reclining Features—Adjustable solid back, and deep dash.

Pusher—Of ⅝ inch Shelby seamless tubing, entirely nickel plated.

Wheels—10 inch of cold rolled steel, tinned, with pressed steel spokes, electrically welded to rim and hub, fitted with ½ inch pure rubber tire.

Folding—Release catch at base of handle with the toe, pick up front of cart with left hand with handle in right. Bring both hands together and cart folds with one operation. To unfold, throw cart forward.

No. 102BL—Finished in black enamel upholstering and hood to match, nickel trimmed.....each $11.00

No. 102G —Finished in green enamel, upholstering and hood to match, nickel trimmed.....each 11.00

No. 102B —Finished in brown enamel, upholstering and hood to match, nickel trimmed.....each 11.00

PACKED IN A TIGHT CARTON, COMPLETE WITH HOOD; SHIPPING WEIGHT 25 LBS.

STORM APRONS.

Storm Aprons, with mica window, can be furnished for *all* collapsible go-carts.....each $2.00

COLLAPSIBLE GO-CARTS.

GEM, ONE MOTION.

The "Gem, one motion," is made with as great care as any of the higher priced go carts. The style, finish and appearance will surely attract the buyer who has a limited sum to put into a go cart. The frame is built unusually strong, the folding mechanism is very simple and will never fail. The large well made hood adds greatly to the appearance. It is fitted with adjusting device, simply lift hood and place it in any of its positions and it will stay.

The nickeled handle and arm rests add greatly to appearance.

We ask your attention to the wheels, adjustable dash and spring, all the features of the more expensive carts.

Frame—All steel "Neverbreak," electrically welded joints, no rivets, wheels held in place rigidly by two braces.

Upholstering—Good grade leatherette, large hood to match with nickeled spreader.

Finish—Of three coats enamel baked on, nickel trimming as follows: arm rest, spreader, dash arrangement, and handle.

Springs—Are under seat and take up all the jar.

Reclining Features—Adjustable solid back and deep dash.

Pusher—Of ⅝ inch Shelby seamless tubing with nickel plated cross-handle.

Wheels—10 inch, of cold rolled steel, tinned with pressed steel and spokes electrically welded to rim and hub, fitted with 1½ inch pure rubber tire.

Folding—Release two hand braces, pick up front of cart with left hand with handle in right, bring both hands together and cart folds in one operation. To unfold throw it forward.

No. 103BL—Finished in black enamel, upholstering and hood to match, nickel trimmed.....each $9.00

No. 103G —Finished in green enamel, upholstering and hood to match.....each 9.00

PACKED IN A TIGHT CARTON, COMPLETE WITH HOOD; SHIPPING WEIGHT 25 LBS.

CRUSO, ONE MOTION.

The Cruso, one motion, has been added to the line to put our customers in a position to meet any and all competition on a low priced go cart.

We have made this cart entirely of steel, except arm rests and handle, giving a most durable vehicle.

We intend the cart to "stand up" under any ordinary conditions. The folding device being simple, effective and strong, and is absolutely **one motion.**

We believe we have the best one motion go cart on the market at the very lowest price.

Never before have our customers had an opportunity offered to buy a strictly one motion cart at such figures.

Frame—All steel, "Neverbreak," with wood arm rest, wheels firmly braced.

Upholstering—Good grade of leatherette, with hood to match.

Finish—Enamel, baked on and of good gloss.

Reclining Features—Adjustable back and dash, making perfect sleeper.

Pusher—Of flat steel, with fancy cross handle

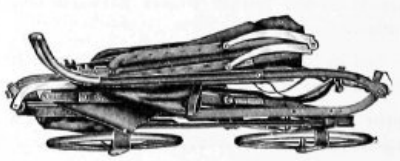
Wheels—10 inch, with 12 steel spokes and fitted with ⅜ inch rubber tire.

Folding—Release catch at base of handle with the toe, pick up front of cart with left hand with handle in right, bring both hands together and cart folds with ONE MOTION. To unfold, throw cart forward.

No. 104G—Finished in Brewster green enamel, upholstering and hood to match.....each $7.50

No. 104B—Finished in brown enamel, upholstering and hood to match.....each 7.50

ONE IN A CRATE, COMPLETE WITH HOOD; SHIPPING WEIGHT 25 LBS.



This cut shows how all our carts illustrated on this and other pages, collapse.

Note the wheels fold flat. Makes a compact package easy to carry.

COLLAPSIBLE GO-CARTS.

"Rev-o-noc" with Automobile Hood, Curtains removed.

"Rev-o-noc," with Hood and Curtains.

REV-O-NOC ONE MOTION.

We have responded to the large demand for a go-cart that is a specialty—something different, not only with pleasing lines, but of a style in keeping with the present age.

The "Rev-o-noc" one-motion cart is the result of this demand and at the same time it places the merchant who handles it far ahead of his competitors and enables him to enjoy a fair profit without interference.

The "Rev-o-noc" is an all-metal cart with 4-bow automobile hood, full set of curtains with window, automobile dash and mud guards over wheels, presenting a most pleasing and attractive appearance. The fond parent after seeing the "Rev-o-noc" and comparing with any other cart, will quickly realize that nothing will do but the "Rev-o-noc."

Frame—All of steel, "never-break," lightly but rigidly constructed, thoroughly braced throughout. The nickel mud guards prevent the clothing from hanging in the wheels and becoming soiled, and at the same time giving the cart a more thorough automobile effect.

Upholstering—Is a fine grade of leatherette, the hood and curtains all matching. The hood has a patented adjustable arrangement, doing away with thumb screws. The curtains, consisting of two side curtains, one back curtain and one front curtain with window, are stored in a compartment under the seat, out of sight and can be quickly put on. Seat and back are fully padded.

Springs—Are under the seat and are very sensitive and prevent all jars.

Reclining Features—Adjustable solid back and dash, making an admirable reclining cart.

Pusher—Is of one-piece tubular steel, the handle part being nickeled, the balance enameled.

Wheels—Are 10 inch, 12 spokes, equipped with mud guards and with ½ inch pure rubber tires.

Finish—Beautiful enameled, carefully baked, will last a long time.

The nickel parts of this cart being as follows: Nickel mud guards, nickel hub caps, nickel spreaders, nickel front rail, nickel arm rests, nickel handle and many other parts as per the cut.

Folding—Raise horizontal catch at base of handle with the toe, pick up the front of cart (always close dash and hood) with left hand, handle in right, bringing both hands together and cart folds with one-motion. To open, throw cart forward. It opens and locks automatically.

No. 105B—Brown enamel and upholstering ..... each $16.50

No. 105G—Green enamel and upholstering ..... " 16.50

ONE IN A CRATE. SHIPPING WEIGHT 40 POUNDS.

Cupid with Hood and Dash up.

CUPID ONE MOTION.

The "Cupid" one-motion cart has the same body as the "Rev-o-noc," however, not quite as elaborately trimmed, and it has the regular hood and no curtain.

Frame—Is made of steel "never-break," with wooden arm rests.

The wheel mud guards, keep the clothing from catching in the wheels and becoming soiled.

Upholstering—Is of a fine grade of leatherette, the hood is made to match and has the new adjustable device instead of the ordinary thumb screws The seat and back are padded. The seat rests on very sensitive springs, preventing all jar.

Reclining Features—Are adjustable back and dash, making an admirable reclining cart.

Pusher—Is of tubular steel, nickel plated handle.

Finish—Beautifully enameled throughout and has nickel front rail, nickel mud guards, nickel hub caps and handles; tinned hood and dash spreaders.

Wheels—10 inch, 12 spoke, half-inch pure rubber tire.

Folding—Release horizontal catch at base of handle with the toe, pick up the front of cart (always close dash and hood) with left hand, handle in right, bringing both hands together and cart folds with one-motion. To open, throw cart forward. It opens and locks automatically.

No. 106B—Brown enamel and upholstering ..... each $12.50

No. 106G—Green enamel and upholstering ..... " 12.50

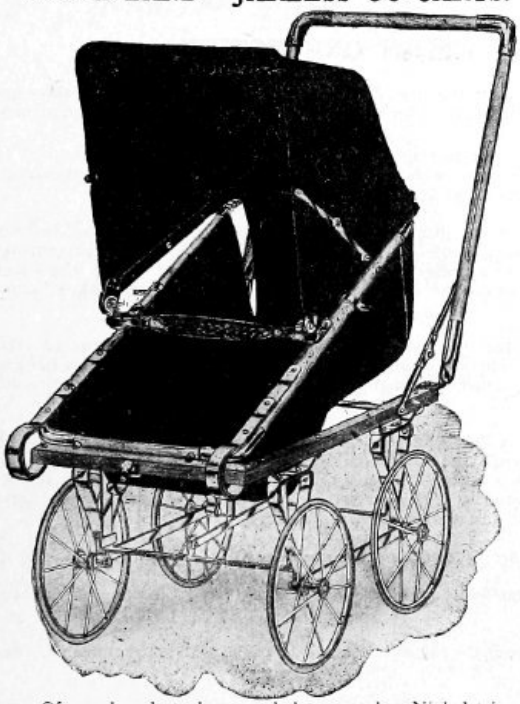
No. 106BL—Black enamel and upholstering ..... " 12.50

Storm Apron with window ..... " 2.00

ONE IN A CRATE. SHIPPING WEIGHT, 40 POUNDS.

GO-CARTS AND BABY CARRIAGES.

"DREAMLAND" JARLESS GO-CARTS.



Frame—Of wood and steel, enameled to match. Nickel trimmed.
Upholstering—Of a fine grade leather cloth, hood of same material. The new adjustable back is solid. New adjustable dash.
Gear—Enameled to match balance
Springs—Of tempered steel, and absolutely prevent jar.
Wheels—Four 10-in. wheels, pure ½ in. rubber tire.
Folding—Release side pusher braces, push handle forward and lock at dash, pull brace between wheels forward, fold wheels.

No. H77B —Brown enamel and upholstering.....each $15.00
No. H77G —Green enamel and upholstering..... " 15.00
No. HK77B—Brown enamel and upholstering, 12 in. wheel " 16.00
No. HK77G—Green enamel and upholstering " " 16.00
Storm Apron with window..... " 2.00

ONE IN A CRATE. SHIPPING WEIGHT 35 LBS.

RECLINING GO-CARTS.

Body—Of fine closely woven reed, cane seat, finished shellac or brown.
Upholstering—Princess back, seat and side cushions.
Hood—Of fine reed with roll, lined in Princess rep.

No. 1221B—Shipping w't 65 lbs.....each $35.50

RECLINING BABY CARRIAGES.

Body—Reed, closely woven with pockets. Reclining back. Cane bottom. Finished brown.
Gear—Four double coil springs, four 14-inch ⅝-inch rubber tire nutless wheels. Tubular pushers with enameled cross handle, with nickel trimmings. Enameled brown.
Upholstering—Brown leather cloth back and seat, made to form a complete mattress when unfolded and when folded a seat and back cushion.
Hood—Brown leather cloth, ornamented with brass trimmings.

No. 1213H—Shipping weight 60 lbs.....each $34.00

Body—Wood, painted, varnished and polished. Reclining back.
Gear—Four double coil springs, four 14-inch ⅝-inch rubber tire nutless wheels. Tubular pushers with enameled cross handle with nickel trimmings.
Upholstering—Leather cloth back, seat and side cushions.
Hood—Leather cloth to match, ornamented with brass trimmings.

No. 1222—Shipping weight 70 lbs.....each $30.00

WOODLAND RECLINING GO-CARTS.

Body—Wood, polish finish. Color, dark blue.

Gear—Four double coil springs, Four 14-inch ⅝-inch rubber tire nutless wheels. Tubular pushers with enameled cross handle, nickel trimmed. Enameled to match body.

Upholstering—Leather cloth back, seat and side cushions.

Hood—Leather cloth with brass joints and trimmings.

No. 1218—Shipping weight 65 lbs.....each $32.00

Body—Wood. Polish finish. Color dark blue.

Gear—Folding. Steel pushers with fancy enameled cross handle, with nickel trimmings. Four 10-inch ½-inch rubber tire wheels. Enameled to match body.

Upholstering—Back and seat of leather cloth.

Hood—Leather cloth to match cushions.

No. 1216—Shipping weight 40 lbs.....each $15.70

Body—Wood, polish finish, color, dark blue.

Gear—Folding Front and rear springs. Four 12-inch ⅝-inch rubber tire, nutless wheels, steel pushers, with fancy enameled cross handle with nickel trimmings, enameled to match body.

Upholstering—Leather cloth, back, seat and side cushions.

Hood—Leather cloth to match cushions, ornamented with brass trimmings.

No. 1217—Shipping weight 55 lbs.....each $29.50

Body—Wood. Finished black.

Gear—Folding. Steel pushers with fancy turned cross handle. Four 10-inch ½-inch rubber tire wheels. Enameled to match body.

Upholstering—Back and seat of leather cloth.

Parasol—Mercerized sateen, ruffle edge.

No. 1215—Shipping weight 40 lbs.....each $12 00

ANY OF THE ABOVE CAN BE FURNISHED IN DARK BROWN, OR DARK GREEN ONLY FROM FACTORY DIRECT.

BABY CARRIAGES.

Body—Reed, closely woven with fine reed roll, cane seat. Shellac finish.

Gear—Double coil springs, four 16-inch ⅝-inch rubber tire, nutless wheels. Tubular pushers with fancy enameled cross handle with nickel trimmings. Enameled green.

Upholstering—Tan corduroy, seat, back and sides.

Hood—Reed, closely woven with roll. Lined in tan corduroy to match upholstering.

No. 1214—Shipping weight 65 lbs.....each $40.00

Body—Dowel frame, carpet bottom, shellac finish.

Gear—Four double coil springs, four 16-inch, ⅜-inch rubber tire, nutless wheels, steel pusher, with fancy cross handle, iron work enameled green.

Upholstering—Best quality of denim.

Parasol—Silesia, ruffled edge.

No. 1211—Shipping weight 45 lbs.....each $9.00

Body—Reed, closely woven with roll carpet bottom, shellac finish.

Gear—Four double coil springs, four 16-inch ⅜-inch rubber tire, nutless wheels, steel pushers with fancy cross handle, iron work enameled green.

Upholstering—Green, velour seat, back and sides.

Parasol—Silesia, ruffled edge.

No. 1212—Shipping weight 45 lbs.....each $15.00

ENGLISH PERAMBULATOR.

Body—Wood, enameled dark green or Royal blue. Royal blue shipped unless otherwise specified.

Gear—English strap. Front wheels 20 inches, rear wheels 25 inches, fitted with ⅝-inch rubber tires. Steel pushers with fancy enameled cross handle.

Upholstering—Leather cloth.

Hood—Leather cloth to match upholstering.

No. 1219—Shipping weight, 85 lbs.....each $40.00

RECLINING GO-CARTS.

Body—Reed, of closely woven sides, back and dash. Shellac finish.

Gear—Has four double coil springs. Four 14-inch ⅜-inch rubber tire, nutless wheels and foot brake. Enameled green.

Upholstering—Green Princess Rep back, seat and side cushion.

Parasol—Mercerized satteen, with ruffle.

No. 1209—Shipping weight 50 lbs.....each $21.00

Body—Reed, sides made of fine reed and closely woven dash. Cane seat. Shellac finish.

Gear—Folding, front and rear springs. Four 12-inch, ⅝-inch rubber tire, nutless wheels. Steel pushers with fancy enameled cross handle, with nickel trimmings. Enameled green.

Upholstering—Green corduroy back and seat cushion.

Parasol—Green satin ruffle edge, or lace.

No. 1207—Shipping weight 50 lbs.....each $30.00

Body—Reed, closely woven sides, back and dash, shellac finish.

Gear—Four double coil springs and brake, four 14-inch, ⅜-inch rubber tires, nutless wheels with rubber bumpers, all enameled green.

Cushions—Best quality Denim, back and seat.

Parasol—Silesia, with ruffle edge.

No. 1208—Shipping weight 50 lbs.....each $13.50

Body—Reed, closely woven sides, back and dash. Cane seat. Shellac finish.

Gear—Folding, front and real springs. Four 12-inch, ⅜-inch rubber tire, nutless wheels. Steel pushers with fancy turned cross handle. Iron work enameled green.

Upholstering—Green, corduroy back and seat cushion.

Parasol—Green satin, ruffle edge or lace.

No. 1206—Shipping weight 45 lbs.....each $24.00

LACE PARASOL SHIPPED ONLY FROM FACTORY WHEN SPECIFIED.

RECLINING FOLDING GO-CARTS.

Body—Reed, fancy woven sides, dash and back, shellac finish.

Gear—Folding, steel pushers with fancy turned cross handle, four 10-inch, ⅜-inch rubber tire wheels. Enameled green.

Upholstering—Princess Rep, back and seat cushion.

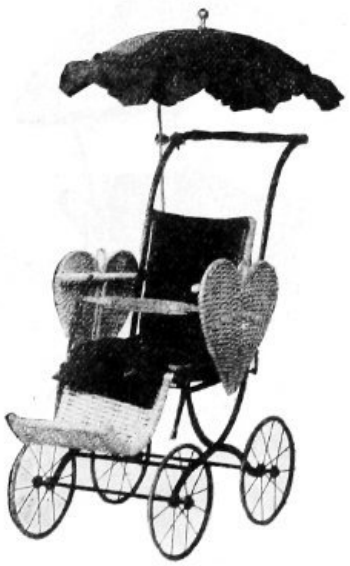
Parasol—Mercerized sateen, ruffle edge.

No. 1204—Shipping weight 25 lbs. ..... each $14.00

Body—Reed, closely woven dash and back, shellac finish. Steel frame throughout.

Gear—Folding, steel pushers with fancy cross handle. Four 10-inch, ⅜-inch rubber tire wheels. Enameled green.

No. 1202 —Less than 4. ..... each $5.50
No. 1202C—4 in a crate, shipping weight 85 lbs. ..... " 5.00



Body—Reed, sides woven heart shape, closely woven dash and back, shellac finish.

Gear—Folding, steel pushers, with turned cross handle, four 10-inch, ⅜-inch rubber tire wheels. Enameled green.

Upholstering—Princess Rep, back and seat cushion.

Parasol—Mercerized sateen, ruffle edge.

No. 1203—Shipping weight 25 lbs. ..... each $12.00

Body—Hardwood frame. Maple seat, arms and foot rest. Veneer back, shellac finish.

Gear—Folding. Four 10-inch, ⅜-inch rubber tire wheels. Enameled green.

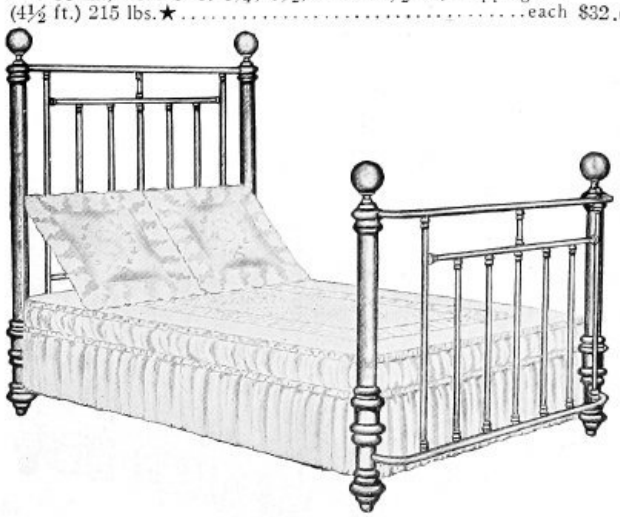
No. 1201 —Rubber tire wheels, less than 4. ..... each $2.90
No. 1201C—Rubber tire wheels, 4 in a crate. ..... " 2.40
No. 1200 —Steel tire wheels, less than 4. ..... " 2.50
No. 1200C —Steel tire wheels, 4 in a crate ..... " 2.00

AVERAGE SHIPPING WEIGHT 75 LBS. PER CRATE.

BRASS BEDSTEADS.

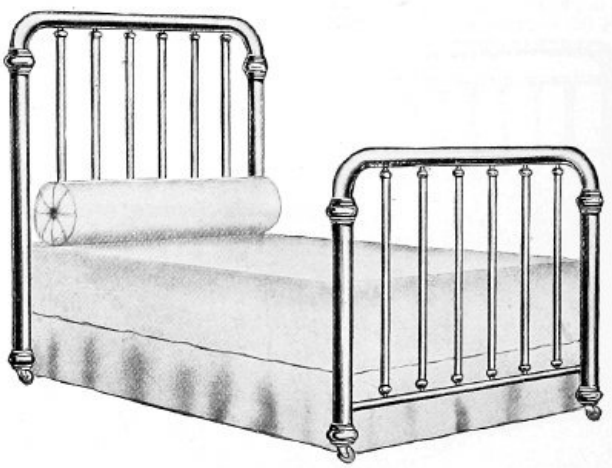
No. 1800—Brass, straight foot, pillars 2 in., other tubing $\frac{5}{8}$ in., height of head 58 in., foot 38½ in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. wrapped) 109 lbs., (4½ ft. crated) 193 lbs.★.....each $29.00

No. 1801—Brass, straight foot, pillars 2 in., top tubes $\frac{3}{4}$ in., bottom tubes $\frac{3}{4}$ in., other tubing $\frac{5}{8}$ in., height of head 58 in., foot 38 in., widths 3, 3¼, 3½, 4 and 4½ ft., shipping w't (4½ ft.) 215 lbs.★.....each $32.00

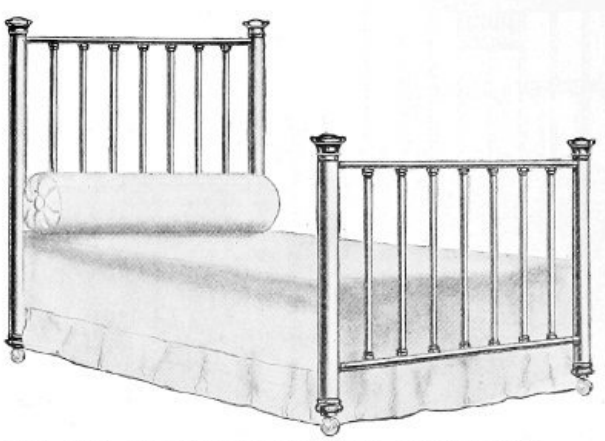


No. 1802—Brass, bow foot, pillars 2 in., top tubes $\frac{3}{4}$ in., other tubing $\frac{3}{4}$ and $\frac{5}{8}$ in., height of head 64 in., foot 43 in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft.) 190 lbs.★....each $37.00

No. 1803—Brass, straight foot, pillars 2 in., top tubes 1 in., other tubing $\frac{7}{8}$ in., height of head 58 in., foot 38½ in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft., crated) 195 lbs.★....each $40.00



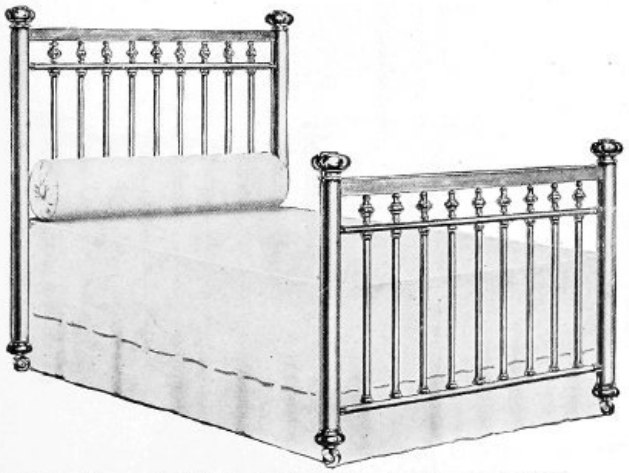
No. 1804—Brass, straight foot, continuous pillars 2 in., other tubing $\frac{5}{8}$ in., height of head 61 in., foot 41 in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft., crated) 195 lbs.★.....each $42.00



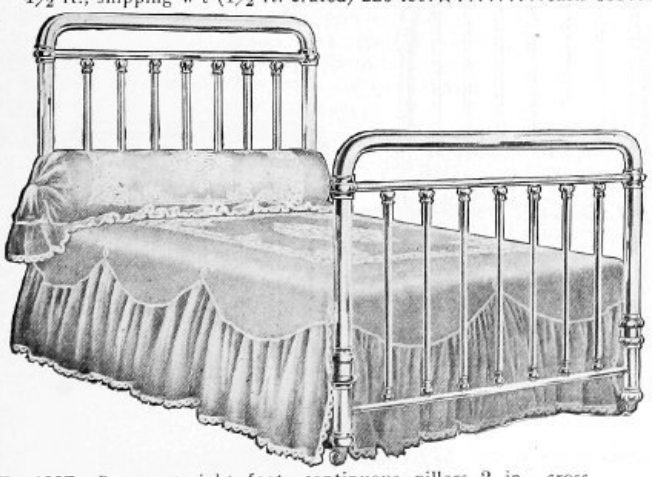
No. 1805—Brass, straight foot, pillars 2½ in., top tubes 1¼ in., bottom tube $\frac{7}{8}$ in., other tubing $\frac{7}{8}$ in., height of head 60 in., foot 40½ in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft., crated) 251 lbs.★.....each $50.00

After our brass beds have been highly polished they are protected by the very best Amber Hot Process English Lacquer. Every piece is heated to required temperature by electricity, during the time the different coats of Lacquer are applied. This is an exclusive process and fully protected by patents. All brass beds can be furnished in SATIN FINISH if so specified, without extra charge. ALWAYS SPECIFY WIDTH DESIRED.

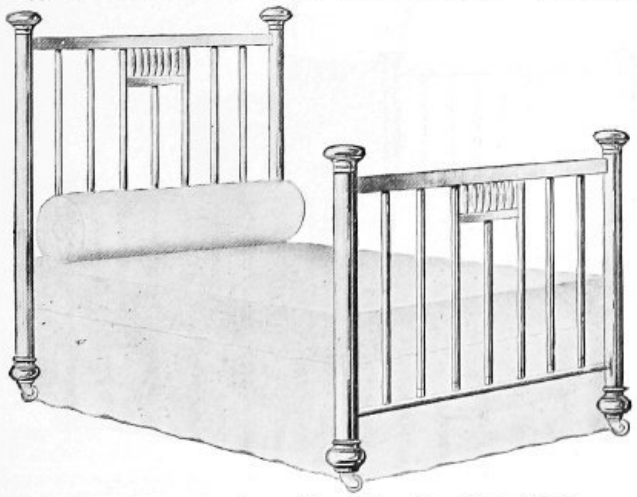
BRASS BEDSTEADS.



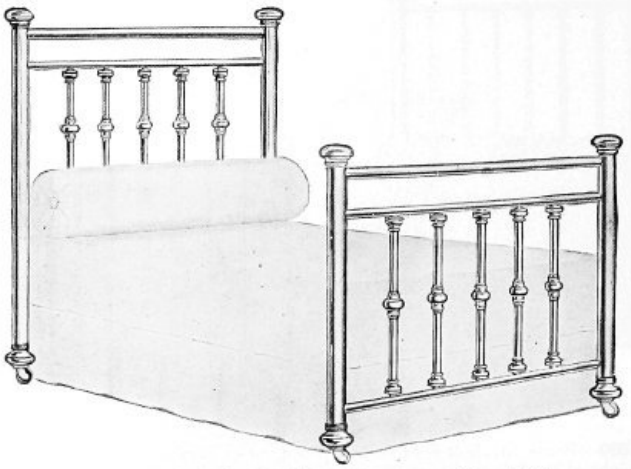
No. 1806—Brass, straight foot, pillars 2 in., top tubes ¾×1½ in. square, bottom tubes ⅞ in., cross tubes ¾ in., other tubing ⅝ in., height of head 58 in., foot 38½ in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. crated) 229 lbs.★.....each $53.00



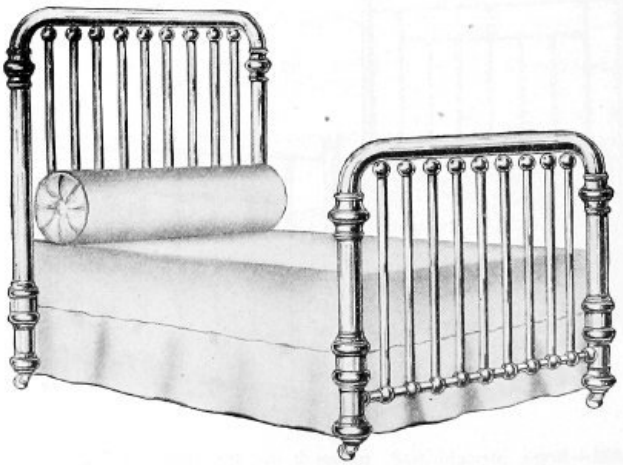
No. 1807—Brass, straight foot, continuous pillars 2 in., cross tubing 1 in., other tubing ⅞ in., height of head 60 in., foot 40 in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. crated) 255 lbs.★..... each $58.00



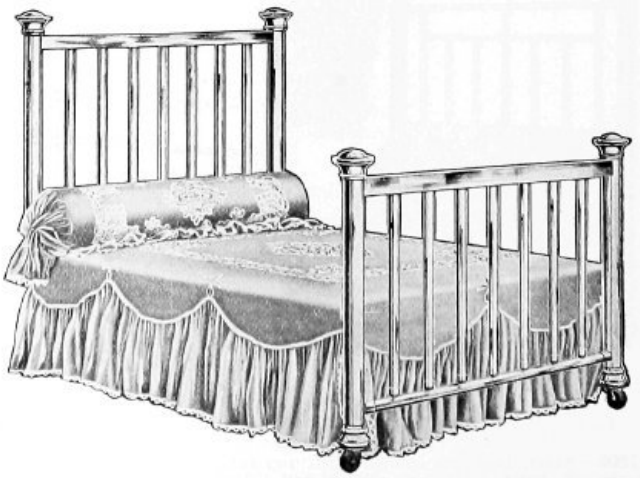
No. 1808—Brass, straight foot, pillars 2 in., top tubes 1¼ in. square, bottom tubes 1 in., other tubing ⅞ in. and ¾ in. square, height of head 58 in., foot 38½ in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. crated) 199 lbs.★.....each $60.00



No. 1809—Brass, straight foot, pillars 2 in., top tubes 1½ in., other tubing 1¼ in., height of head 57½ in., foot 38 in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. crated) 227 lbs.★each $61.00



No. 1810—Brass, straight foot, continuous pillars 2 in., other tubing 1 in., tee ball connections, height of head 61½ in., foot 41 in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. crated) 231 lbs.★.....each $64.00

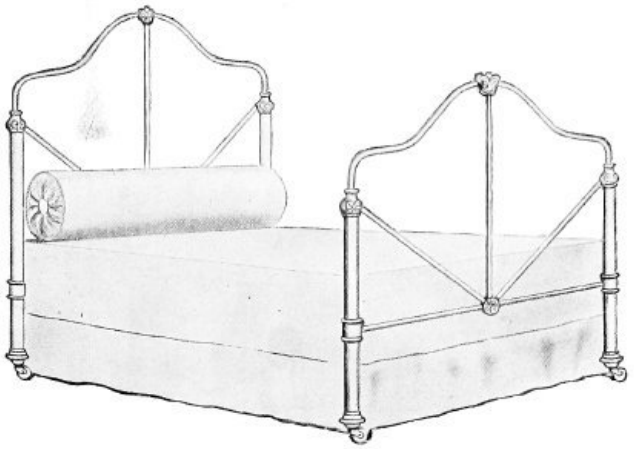


No. 1811—Brass, straight foot, pillars 2½ in., top tubes 2 in. square, bottom tubes 1½ in., other tubing 1¼ in., height of head 61 in., foot 41½ in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. crated) 275 lbs.★.....each $80.00

After our brass beds have been highly polished, they are protected by the very best Amber Hot Process English Lacquer. Every piece is heated to the required temperature by electricity during the time the different coats of Lacquer are applied. This is an exclusive process and fully protected by patents.

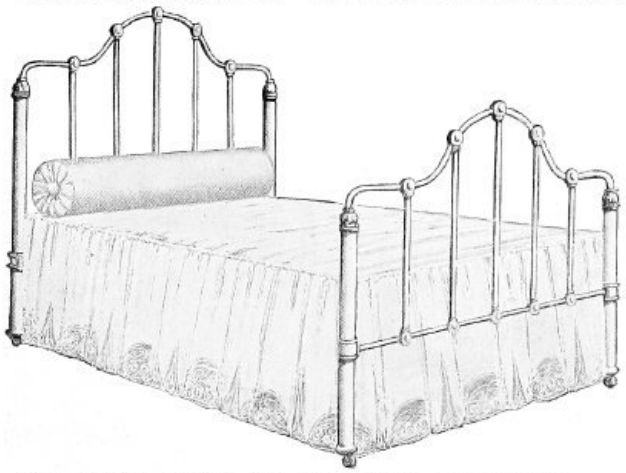
All brass beds can be furnished in SATIN FINISH if so specified, without extra charge. ALWAYS SPECIFY WIDTH DESIRED.

IRON BEDSTEADS.



No. 1700—All iron, straight foot, pillars ⅞ in., bottom rods ⅜ in., filling rods $\frac{5}{16}$ in., height of head 49 in., foot 44 in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. wrapped) 50 lbs.★... each $2.50

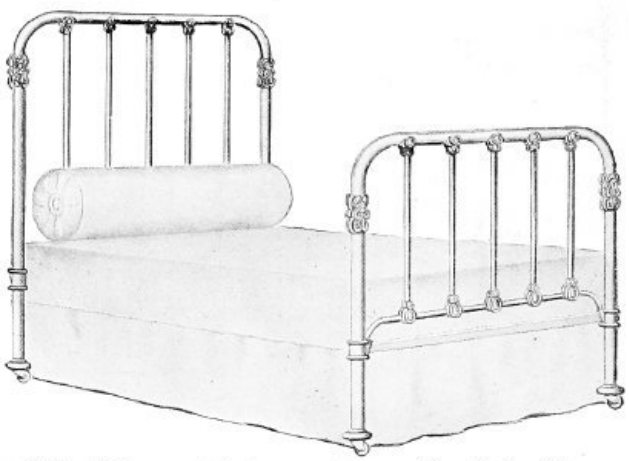
No. 1701—All iron, straight foot, pillars ⅞ in., angle iron in foot, top rods ⅜ in., other rods $\frac{5}{16}$ in., height of head 50 in., foot 45½ in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. wrapped) 55 lbs.★.....each $3.70



No. 1702—All iron, straight foot, pillars ⅞ in., top and bottom rods ⅜ in., other rods $\frac{5}{16}$ in., height of head 51 in., foot 45½ in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. wrapped) 55 lbs.★.....each $4.00

No. 1703—All iron, straight foot, pillars ⅞ in., top rods ½ in., filling rods $\frac{5}{16}$ in., height of head 55½ in., foot 44½ in., widths 3½ and 4½ ft., shipping w't (4½ ft. wrapped) 63 lbs.★.....each $5.00

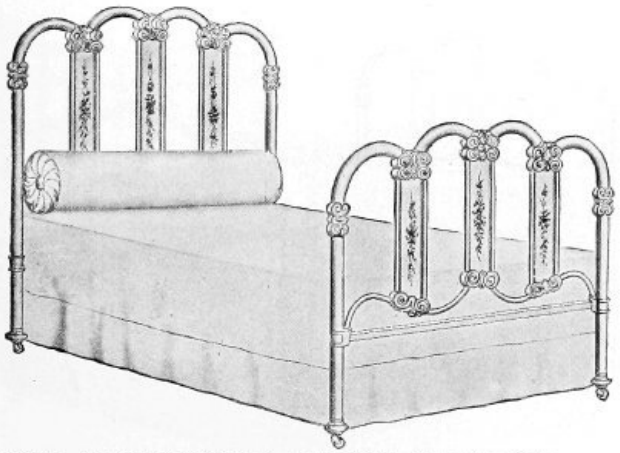
No. 1704—All iron, straight foot, pillars 1$\frac{1}{16}$ in. colonial vases 1¾ in., top rods $\frac{5}{16}$ in., other rods $\frac{5}{16}$ in., white and gold chills, blue and gold chills, height of head 53 in., foot 40½ in., widths 3½ and 4½ ft., shipping w't (4½ ft. wrapped) 71 lbs.★..each $5.60



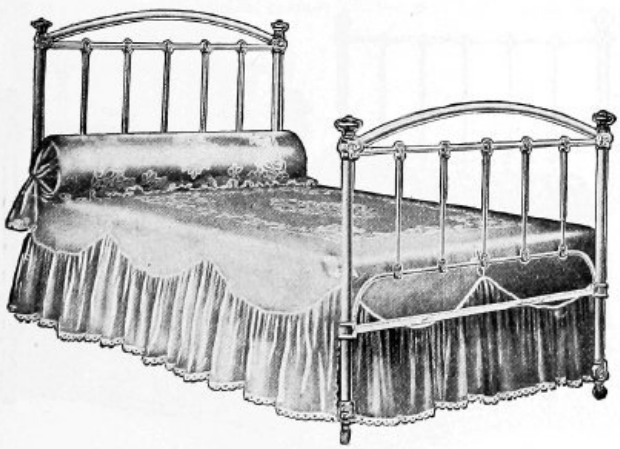
No. 1705—All iron, straight foot, continuous pillars ⅞ in., filling rods $\frac{5}{16}$ in., height of head 53½ in., foot 39½ in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. wrapped) 66 lbs.★....each $5.90

Above iron beds are shipped in Solid White unless Pea Green, Light Blue or Dead Black are specified. Combination colors, "Vernis Martin" or Gun Metal finish as specified when ordering, extra $1.00 each. ALWAYS SPECIFY WIDTH DESIRED.

IRON BEDSTEADS.

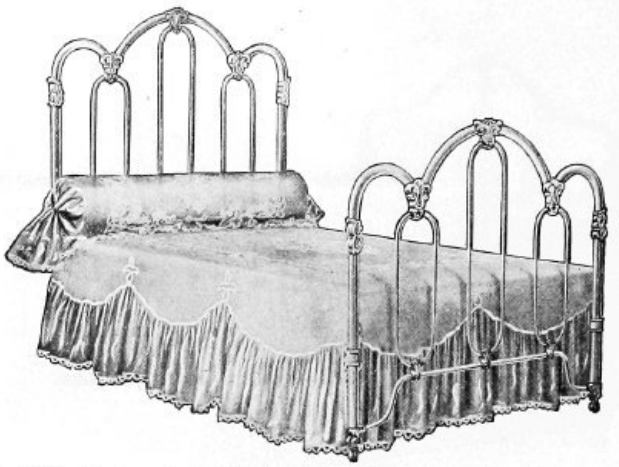


No. 1706—All iron, straight foot, pillars ⅞ in., top tubes ⅞ in., filling rods $\frac{5}{16}$ in., height of head 55½ in., foot 40½ in., widths 3½, 4 and 4½ ft., shipping w't (4½ ft. wrapped) 78 lbs.★each $7.00



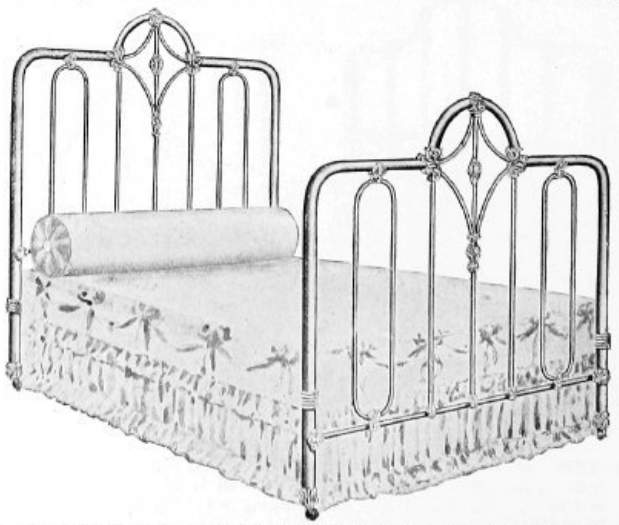
No. 1707—Iron, brass trimmed, straight foot, pillars ⅞ in., top tubes ⅞ in., bottom rods $\frac{5}{16}$ in., filling rods $\frac{5}{16}$ in., brass door knob vases 2¾ in., height of head 54 in., foot 42½ in., widths 3½ and 4½ ft., shipping w't (4½ ft. wrapped) 73 lbs.★.....each $7.30

No. 1708—Iron, brass trimmed, straight foot, pillars $1\frac{1}{16}$ in., brass top rail ⅝ in., bottom rods ⅜ in., filling rods $\frac{5}{16}$ in., brass vases 1¾ in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. wrapped) 75 lbs.★.....each $7.40



No. 1709—All iron, straight foot, pillars ⅞ in., top tubes ⅞ in., bottom rods $\frac{5}{16}$ in., filling rods $\frac{5}{16}$ in., height of head 64½ in., foot 46 in., widths 3½ and 4½ ft., shipping w't (4½ ft. wrapped) 85 lbs.★.....each $8.00

No. 1710—Iron, brass trimmed, bowed foot, pillars $1\frac{1}{16}$ in., vases 1¾ in., full brass top mounts, brass top rail ⅝ in., brass scrolls ⅜ in., iron top rod ⅜ in., other rods $\frac{5}{16}$ in., height of head 57 in., foot 41 in., widths 3½ and 4½ ft., shipping w't (4½ ft. wrapped) 83 lbs.★.....each $8.40



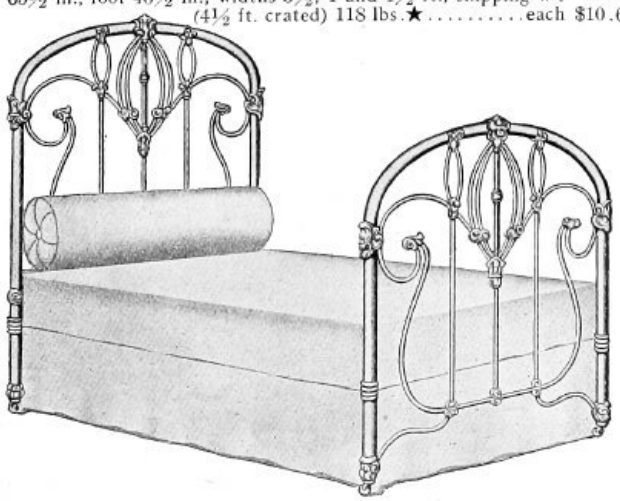
No. 1711—All iron, straigt foot, continuous pillars $1\frac{1}{16}$ in., filling rods ⅜ in., height of head 60½ in., foot 47 in., widths 3, 3½, 4 and 4½ ft., shipping w't (4½ ft. wrapped) 94 lbs.★....each $8.80

Above iron beds are shipped in Solid White, unless Pea Green, Light Blue or Dead Black are specified. Combination colors,—"Vernis Martin" or Gun Metal Finish as specified when ordering, extra $1.00 each. ALWAYS SPECIFY WIDTH DESIRED.

IRON BEDSTEADS.

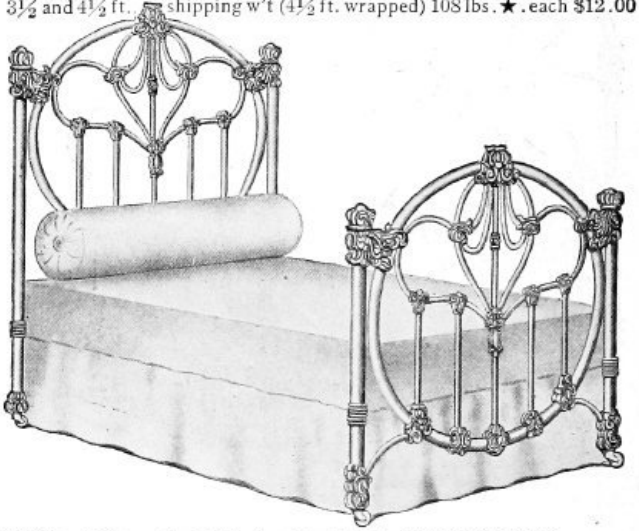
No. 1712—All iron, straight foot, continuous pillars 7/8 in., bottom rods 3/8 in., filling rods 3/8 and 5/16 in., height of head 64½ in., foot 45½ in., widths 3½ and 4½ ft., shipping w't (4½ ft. wrapped) 98 lbs.★.....each $9.50

No. 1713—Iron, brass trimmed, straight foot, pillars 1 1/16 in., top tubes 1 1/16 in., bottom rods 3/8 in., cross rods ½ in., filling rods 3/8 in., brass door knob vases 2¾ in., height of head 65½ in., foot 46½ in., widths 3½, 4 and 4½ ft., shipping w't (4½ ft. crated) 118 lbs.★.....each $10.60

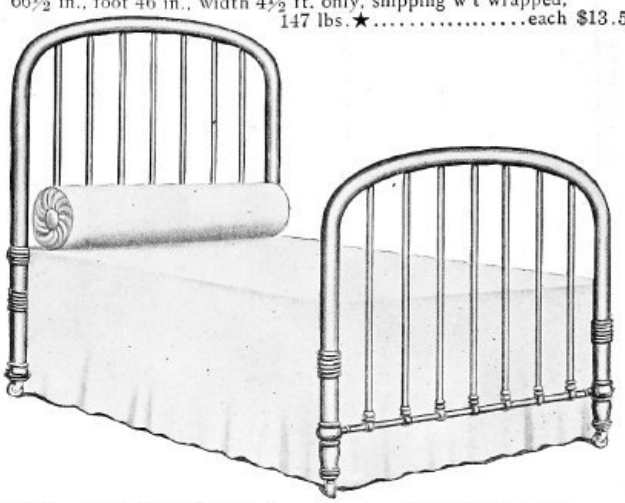


No. 1714—Iron, brass trimmed, straight foot, continuous pillars 1 1/16 in., filling rods 5/16 and 3/8 in., husked brass spindles 5/8 in., height of head 62½ in., foot 47½ in., widths 3½ and 4½ ft., shipping w't (4½ ft. wrapped) 105 lbs.★.....each $11.00

No. 1715—Iron, brass trimmed, straight foot, continuous pillars 1 1/16 in., bottom rods 3/8 in., filling rods 5/16 in., husked brass spindles 5/8 in., height of head 64½ in., foot 47½ in., widths 3½ and 4½ ft., shipping w't (4½ ft. wrapped) 108 lbs.★.each $12.00



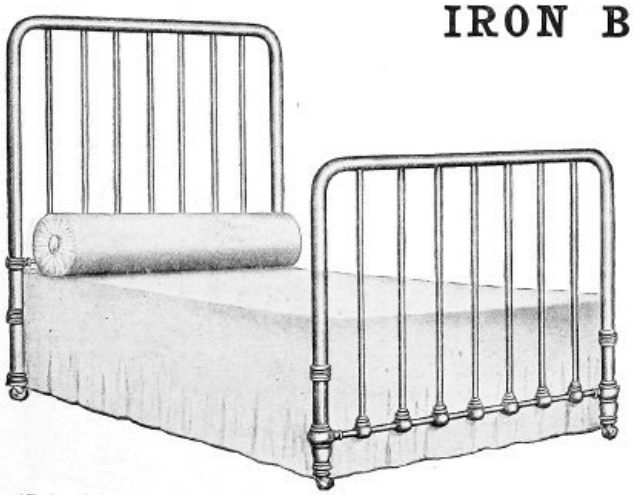
No. 1716—All iron, straight foot, pillars 1 1/16 in., circle tubing 7/8 in., bottom rods 3/8 in., filling rods 3/8 and ¼ in., height of head 66½ in., foot 46 in., width 4½ ft. only, shipping w't wrapped, 147 lbs.★.....each $13.50



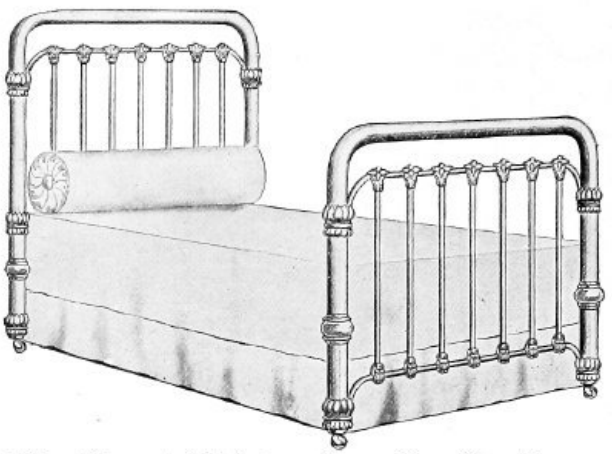
No. 1717—All iron, straight foot, continuous pillars 1 5/16 in., bottom rods 5/8 in., filling rods ½ in., height of head 61 in., foot 41 in., widths 3½ and 4½ in., shipping w't (4½ ft. wrapped) 115 lbs.★.....each $14.00

Above iron beds are shipped in Solid White, unless Pea Green, Light Blue or Dead Black are specified. Combination colors,—"Vernis Martin" or Gun Metal Finish as specified when ordering, extra $1.00 each. ALWAYS SPECIFY WIDTH DESIRED.

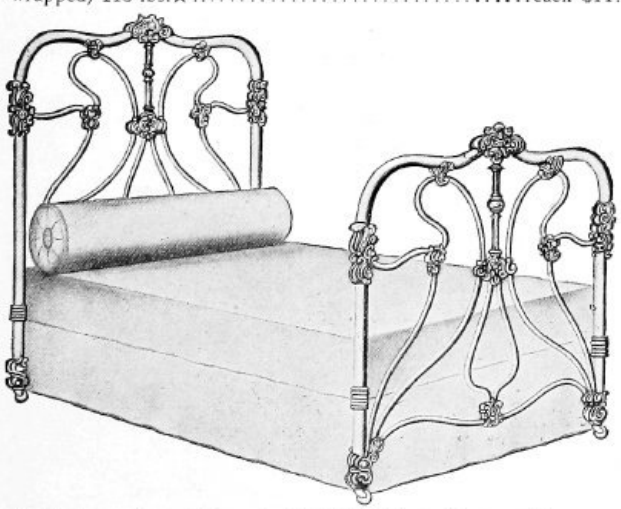
IRON BEDSTEADS.



No. 1718—All iron, straight foot, continuous pillars $1\frac{5}{16}$ in., bottom rods $\frac{5}{8}$ in., filling rods $\frac{1}{2}$ in., height of head 61 in., foot 41 in., widths 3, $3\frac{1}{2}$, 4 and $4\frac{1}{2}$ ft., shipping w't ($4\frac{1}{2}$ ft. wrapped) 115 lbs.★.....each $14.50

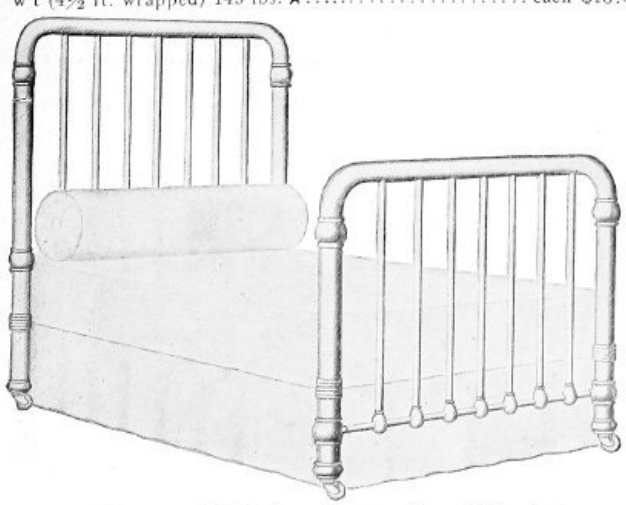


No. 1721—All iron, straight foot, continuous pillars 2 in., filling rods $\frac{3}{8}$ in., height of head 58 in., foot 41 in., widths 3, $3\frac{1}{2}$, 4 and $4\frac{1}{2}$ ft., shipping w't ($4\frac{1}{2}$ ft. crated) 250 lbs.★.....each $19.50

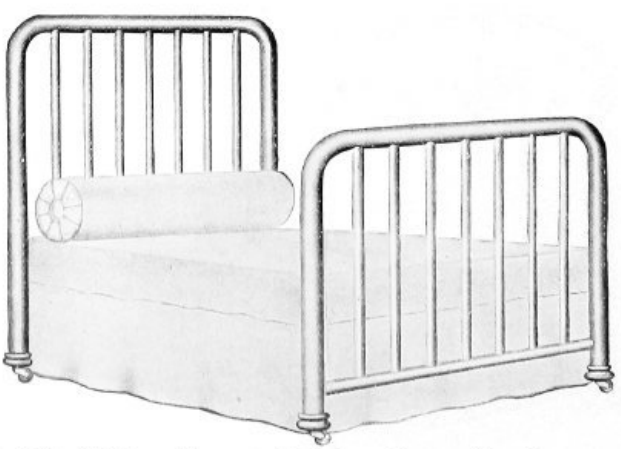


No. 1719—Iron, brass trimmed, straight foot, continuous pillars $1\frac{5}{16}$ in., filling rods $\frac{5}{16}$ in., husked brass spindles $\frac{5}{8}$ in., height of head $66\frac{1}{2}$ in., foot 49 in., widths $3\frac{1}{2}$ and $4\frac{1}{2}$ ft., shipping w't ($4\frac{1}{2}$ ft. wrapped) 149 lbs.★.....each $16.00

No. 1722—Chill-less, all iron, straight foot, continuous pillars 2 in., bottom tubes $1\frac{1}{4}$ in., filling rods $\frac{7}{8}$ in., height of head 58 in., foot 41 in., widths $3\frac{1}{2}$, 4 and $4\frac{1}{2}$ ft., shipping w't ($4\frac{1}{2}$ ft. wrapped) 173 lbs.★.....each $25.50



No. 1720—All iron, straight foot, continuous pillars $1\frac{1}{2}$ in., bottom rods $\frac{5}{8}$ in., filling rods $\frac{1}{2}$ in., height of head 58 in., foot 40 in., widths $3\frac{1}{2}$ and $4\frac{1}{2}$ ft., shipping w't ($4\frac{1}{2}$ ft. wrapped) 128 lbs.★.....each $17.50



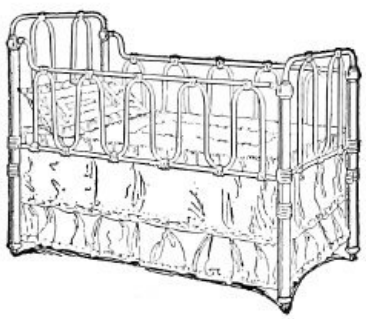
No. 1723—Chill-less, all iron, straight foot, continuous pillars 2 in., bottom tube $1\frac{1}{2}$ in., other tubing $1\frac{1}{8}$ in., height of head 58 in., foot $41\frac{1}{2}$ in., widths 3, $3\frac{1}{2}$, 4 and $4\frac{1}{2}$ ft., shipping w't ($4\frac{1}{2}$ ft. crated) 169 lbs.★.....each $31.50

Above iron beds are shipped in Solid White, unless Pea Green, Light Blue or Dead Black are specified. Combination colors,—"Vernis Martin" or Gun Metal finish as specified when ordering, $1.00 extra each. Except on No. 1721, 1722, 1723—No extra charge for above. ALWAYS SPECIFY WIDTH DESIRED.

CRIBS AND INSTITUTION BEDS.

CRIBS.

No. 1899—All brass, sliding side, continuous pillars ⅞ in., bottom tubes ⅝ in., other tubing ½ in., height of head 46 in., foot 46 in., depth of sides 22 in., Simmons fabric, sizes 2½×4½ ft., and 3×5 ft., made and finished with the same care as our regular line of brass beds, shipping w't about 115 lbs.....each $50.00



No. 1900—Iron, solid side, pillars ⅞ in., side filling ⅜ and ¼ in., end filling ⅜ and ¼ in., Simmons fabric, height of head 42½ in., foot 37½ in., size 2½×4½ ft., shipping w't crated, 99 lbs.....each $8.50

No. 1901—Size 3×5 ft., otherwise same as No. 1900, w't 118 lbs.....each 9.30

No. 1902—Iron, sliding side, pillars 1 1/16 in. top rods ⅜ in., bottom rods ⅞ in., filling rods ¼ in., brass vases 1¾ in., Simmons fabric, height of head 41½ in., foot 41½ in., depth of sides 18 in., size 2½×4½ ft., shipping w't crated 119 lbs.....each $12.00

No. 1903—Size 3×5 ft., otherwise same as No. 1902, w't 142 lbs.....each 13.00

CRIBS.

No. 1904—Iron, sliding side, continuous pillars ⅞ in., filling rods, head and foot ⅞ in., sides ⅞ in. and ¼ in., depth of sides 21 in., Simmons fabric, height of head 46 in., foot 46 in., size 2½×4½ ft., shipping w't crated, 122 lbs., each..... $12.50

No. 1905—Size 3×5 ft., otherwise same as No. 1904, w't 14 lbs.....each 13.50

No. 1906—Oak, sliding side, square posts, cross rails and spindles, special crib fabric, sides 18 in. deep, light and easy to handle, shipped in a compact package, size 2×3 ft. 8 in., outside, shipping w't 33 lbs.....each $8.00

No. 1907—Imitation walnut, mahogany or cherry finish, white enamel or "Vernis Martin" finish as specified, otherwise same as No. 1906 ("Vernis Martin" furnished unless otherwise specified).....each 9.00

Flat Folding Legs.

No. 1908—Hard maple frame varnished, special crib fabric, casters attached to side of legs making it easy to move crib when folded, size 2½×4½ ft., shipping w't 19 lbs.....each $2.90

No. 1909—Size 3×5 ft., otherwise same as No. 1908, shipping w't 22 lbs., each..... 3.30

Turned Folding Legs.

No. 1910—Turned legs, adjustable braces, mounted on casters and with casters attached to side of legs making it easy to move crib when folded, stationary railing, size 2½×4½ ft., shipping w't 20 lbs.....each $3.50

No. 1911—Size 3×5 ft., otherwise same as No. 1910, shipping w't 23 lbs., each..... 3.80

ALWAYS SPECIFY WIDTH DESIRED.

INSTITUTION BEDS.

No. 1913S—Pillars 1 1/16 in. steel weld pipe, cross rods ⅞ in., uprights ⅜ in., steel angle frame, No. 1 stationary corner connections, double pencil weave fabric, extra well corded, 6 ft. long, high-grade ball-bearing casters, approximate shipping w't ends 65 lbs., spring 55 lbs., finished in white, unless otherwise specified, built for public institutions, hospitals, logging camps, etc., single deck.

Widths	2½	3	3½ ft.
Each.....	$14.50	15.50	16.50

No. 1914D—Double deck, approximate shipping w't ends 90 lbs., springs 120 lbs., otherwise same as No. 1913S

Widths..	2½	3	3½	4½ ft.
Each...	$32.00	33.50	35.00	37.00

No. 1915T—Triple deck, approximate shipping w't ends 155 lbs., springs 175 lbs., otherwise same as No. 1913S.

Widths	2½	3	3½ ft.
Each.....	$44.00	46.00	49.00

No. 1917D.

No. 1916S—Single deck, pillars 1 1/16 in. steel weld pipe, cross rods ½ in., steel angle frame, No. 1 stationary corner connections, well-corded woven wire fabric, 6 ft. long, high-grade ball-bearing casters, 18 in. head end, 35 in. foot end, 29 in. from floor; all of these measurements including casters, approx. shipping w't of ends 33 lbs., spring 52 lbs., finished in white, unless otherwise specified.

Widths	2½	3	3½ ft.
Each.....	$11.50	12.00	12.80

No. 1917D—Double deck, shipping w't ends 44 lbs., springs 116 lbs., otherwise same as No. 1916S.

Widths..	2½	3	3½ ft.
Each.....	$22.00	23.50	25.00

DAVENPORTS, COTS AND SPRINGS.

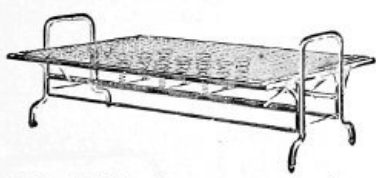
COTS, DIVANS, DAVENPORTS.

No. 1918—Angle iron posts, angle steel ends and side rails, Simmons fabric, finished in gold bronze or black as desired, folds perfectly flat, fabric 14½ in. from floor, height of ends 19 in., sizes 2 ft. 4 in. ×6 ft. and 2 ft. 10 in. ×6 ft., approx. shipping w't 32 lbs.....each $4.00

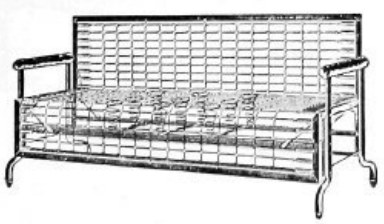
No. 1919—3 ft. 10 in. ×6 ft., otherwise same as No. 1918, shipping w't 36 lbs., each..... 5.00

No. 1920—Folding divan, strong all-iron frame, simple and positive backs, oil tempered helicals and spirals, fabric is of best quality wire and will not sag, frame and ends finished in gold bronze, side angles, straps and support braces finished in black, always shipped knock down, width of seat 23 in., height 17½ in., length 74 in., width open 46 in., approx. shipping w't 59 lbs. each $5.50

No. 1921—Folding davenport, otherwise same as above, w't 65 lbs.....each 7.00

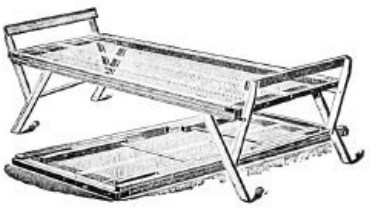


No. 1922—Folding davenport, strong all iron frame, posts and arms one piece 1⅛ in. tubing, simple and positive locks, oil tempered helicals and spirals, height of back 17 in., width of seat 21 in., height of seat 18½ in., length 74 in. width open 50 in., fabric is made of best quality tinned wire and will not sag, finished in dead black or gold bronze as desired, gold bronze shipped unless otherwise specified, shipping w't 72 lbs.....each $10.50



No. 1923—Folding davenport, may be used as a davenport during day or full sized bed at night, strong all iron frame, finished in gold bronze or dead black, as desired, arms are made of wood, finished in maple, mahogany or oak, unless otherwise specified, maple finish will be supplied, simple and positive locks, oil-tempered helicals and spirals, fabric is made of the best quality wire, and will never sag, height of back 17 in., width of seat, 21 in., height of seat 18½ in., open 50 in., length 74 in., shipping w't 69 lbs., each..... $12.00

WOOD COTS.

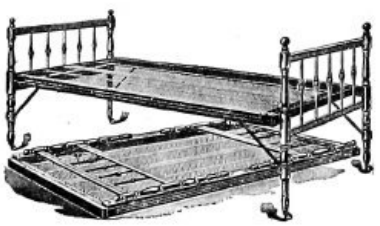


No. 1924—Hard maple frame varnished, strong single weave fabric, head and foot are raised by opening legs, folds flat, size 2½×6 ft., shipping w't 26 lbs., each..... $2.00

No. 1925—Size 3×6 ft., w't 29 lbs., otherwise same as No. 1924.....each 2.40

No. 1926—Hard maple frame varnished, strong single weave fabric, upright posts, size 2½×6 ft., shipping w't 28 lbs.....each $2.20

No. 1927—Size 3×6 ft., shipping w't 21 lbs., otherwise same as No. 1926, each..... 2.60

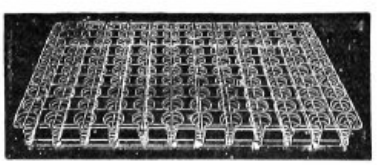


No. 1928—Hard maple frame varnished, strong single weave fabric, a good high-grade cot, size 2½×6 ft., shipping w't 30 lbs.....each $3.20

No. 1929—Size 3×6 ft., shipping w't 32 lbs., otherwise same as No. 1928, each..... 3.50

No. 1930—Size 3½×6 ft., shipping w't 44 lbs., otherwise same as No. 1928, each..... 3.70

BED SPRINGS.



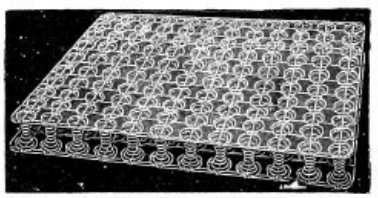
No. 1931—Standard steel spring wire, 90 continuous wind spirals, japanned, fitted both sides with patent interlocking top, shipping w't approx. 20 lbs., each..... $2.20

No. 1932—Same as above, except with 120 continuous wind spirals, shipping w't approx. 23 lbs.....each 2.50

ALWAYS SPECIFY WIDTH DESIRED.

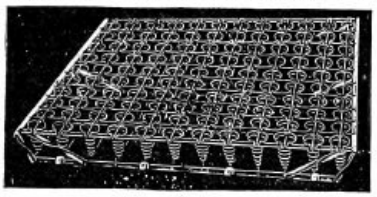
BED SPRINGS.

No. 1933—Best grade high carbon steel wire, all tempered at 800 degrees Fahrenheit, 120 reversed coil springs, fitted both sides with patent interlocking top, shipping w't approx. 24 lbs.....each $4.00



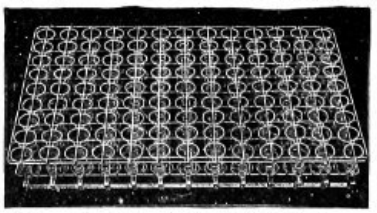
No. 1934—High grade steel wire, oil tempered at 800 degrees Fahrenheit, continuous wind spirals attached to a frame of steel bands, which has hooks that slip over the side rails of the bedstead, requires no separate slats, fitted with our patent interlocking top, approx. shipping w't 46 lbs.....each $6.50

No. 1934A—With fine woven wire top, otherwise same as No. 1934, approx. shipping w't 56 lbs.....each 7.50



No. 1935—High grade steel wire, oil tempered at 800 degrees Fahrenheit, 120 continuous wind spirals attached to frame of steel bands which have hooks that slip over side rails of bed, fitted with patent interlocking top fastened to angle iron end pieces amply braced to prevent lateral motion; large side edge wires are attached with helicals, requires no separate supporting slats in iron bed, approx. shipping w't 60 lbs.....each $8.50

No. 1935A—With fine woven wire top, otherwise same as No. 1935, approx. shipping w't 70 lbs.....each 9.50



No. 1936—Highest grade carbon steel wire, oil tempered at 800 degrees Fahrenheit, 117 continuous wind double core spirals, 9 in. deep, securely fastened in center with steel bands which prevent all side motion or tipping, the bottom is fastened to a frame of steel bands, the ends of which are shaped to rest on the side rails of the bed, approx. shipping w't 70 lbs.....each $12.50

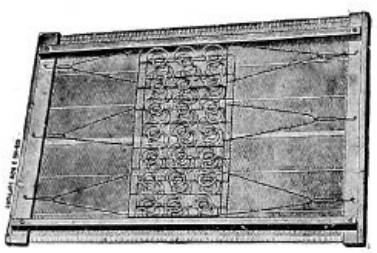
No. 1936A—With fine woven wire top, otherwise same as No. 1936, approx. shipping w't 80 lbs.....each 13.50

MATTRESSES, PILLOWS, BOX SPRINGS, ETC.

WOVEN WIRE MATTRESSES.

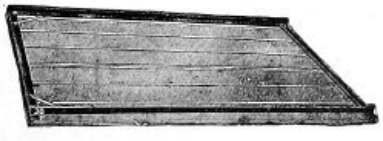
No. 1937—Single pencil weave, cord edges, 13 cords, hard maple frame, varnished, steel corner plates, approx. shipping w't 37 lbs.....each $2.00

No. 1938—Single pencil weave, cord edges, 13 cords, hard maple frame, varnished, steel corner plates, with double end bar and bolt extension, approx. shipping w't 47 lbs.....each $2.70



No. 1939—Single pencil weave, cord edges, 13 cords, hard maple frame, varnished, steel corner plates, furnished with support made of wire, 3 rows of spiral springs connected to a heavy wire frame which is connected by heavy wire and helicals to ends of spring making a firm support, approx. shipping w't 45 lbs.....each $3.40

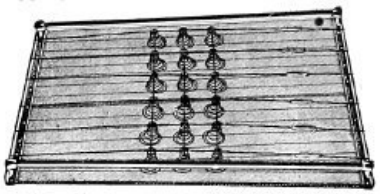
No. 1940—Single pencil weave, cord edges, 13 cords, hard maple frame, varnished, steel corner plates, furnished with supports consisting of spirals secured to slats resting on strips of band iron, approx. shipping w't 42 lbs.....each $3.20



No. 1941—Angle steel frame, fine single weave fabric, corded every 3 in. double cable edges, corners braced at both ends, fabric well elevated above side rails, approx. shipping w't 51 lbs..each $4.50

WOVEN WIRE MATTRESSES.

No. 1942—Angle steel frame, fine single weave fabric, corded every 3 in., double cable edges, corners braced at both ends, fabric well elevated above side rails, furnished with support made of liquor bright wire and consists of wire spirals fastened to wires of which those running lengthwise are attached to the frame, at one end, with helicals, approx. shipping w't 60 lbs.....each $5.50



No. 1943—Single pencil weave fabric, strongly corded with roll edge ¾ in. in diameter, side rails 1 5/16 in. tubing, angle iron and rails, frame finished in gold bronze, approx. shipping w't 60 lbs., each..... $6.50

IRON SLATS.

No. 100—Round edge, flat steel japanned, w't per set of 4, 23 lbs.....per set $2.30
Please state the outside size of bedstead, when ordering.

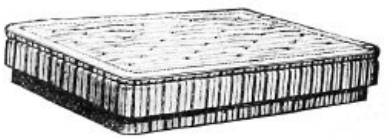
PILLOWS.

No. 307—Combination filling, 19×26 in., w't 6 lbs.....per pair $1.50
No. 309A—Fine crushed turkey feathers, fancy striped ticking 18×25 in., w't 5 lbs.....per pair 2.00
No. 309B—19×25 in., otherwise same as No. 309A, w't 6 lbs.....per pair 2.50
No. 309C—20×26 in., otherwise same as No. 309A, w't 7 lbs.....per pair 3.00
No. 310—Special selected hen feathers, fancy art ticking, 20×26 in., w't 7 lbs.....per pair 3.50
No. 311—Special mixture duck feathers, beautiful fancy art ticking, 20×26 in., w't 7 lbs.....per pair 4.50
No. 312—Dark goose feathers and duck, best grade fancy art ticking, 21×26 in., w't 7 lbs.....per pair 5.50
No. 314—Dark color of genuine goose down, *imported linen ticking*, 22×27 in., w't 5 lbs.....per pair 7.50
No. 315—Half goose down and half prime live goose feathers, fancy art ticking, 21×27 in., w't 5 lbs..per pair 8.20
No. 316—Extra selected sanitary white prime goose feathers, best fancy stripe or art ticking, 22×28 in., w't 5 lbs., per pair..... 9.00
No. 317—Prime live goose down, soft and buoyant, genuine pure German linen, 22×28 in., w't 4 lbs....per pair 11.50

All pillows and feathers listed above are guaranteed to be absolutely odorless, and to be free from dust and quills. The ticking used on these pillows is dust proof and the best obtainable.

ALWAYS STATE WIDTH DESIRED.

UPHOLSTERED BOX SPRINGS.



Showing Imperial Edge.

No. 290—With tow or fibre top, plain edge.....each $21.00
No. 291—With felt top, plain edge.. " 26.00
No. 292—With hair top, plain edge. " 28.00
No. 294—With imperial edge, otherwise same as No. 291.....each 28.00
No. 295—With imperial edge, otherwise same as No. 292.....each 30.00
No. 296—Full Turkish upholstered, imperial edge extra quality hair top.each 34.00

The most satisfactory spring for brass or iron beds—unexcelled for comfort and durability, each full sized spring, contains 72 best spiral steel springs, oil tempered and japanned, tied together eight times with strong manilla hemp, and built upon the same idea as are fine sofas. In ordering box springs always give us the outside measure; namely 4 ft. 6 in.×6 ft. 6 in., etc., also be sure and mention whether for wood or iron bed.

We specially recommend Nos. 291 and 294 as a felt top will stay in position better than any other material.

OPEN BOLSTER ROLLS.

A Very Popular Dressing for Metal or Other Beds.

No. 1W—SANITARY FEATHERWEIGHT, No. 1 grade, wood ends, strong cardboard sides, neatly covered with white muslin, w't of full size roll 7½ lbs.....each $2.50
No. 1C—Covered in colored sateen, otherwise same as No. 1W.....each 3.00
No. 2W—SANITARY STANDARD, No. 2 grade, wood ends, strong cardboard sides, neatly covered and upholstered in white muslin, interior is lined and entire construction is of good grade, w't of full size roll 9 lbs.....each 4.00
No. 2C—Covered and upholstered in colored sateen, otherwise same as No. 2W.....each 4.50

Will not warp or get out of shape and is a most convenient receptacle for pillows during the day.

MATTRESSES.

COTTON MATTRESSES.

The material used in the construction of each of our mattresses is the very best that can be obtained for the money. The cotton used in combination mattresses is guaranteed to be absolutely clean, new cotton, thoroughly ginned, making a sanitary, comfortable bed. We use no so called wool, which is nothing else than ground up rags.

Excelsior, Cotton Top, Full Bound Heavy Ticking, Pure White Excelsior, Overlaid with Clean New Cotton, Leather Tufts, Closely Stitched.

Width.....	3	3½	4	4½ ft.
No. 261—Each...	$4.40	4.60	4.80	4.80

Reversible, Cotton Top and Bottom, Made Like No. 261, with the Addition of Cotton on Both Sides, so that Mattress Can be Used Either Side Up.

Width.....	3	3½	4	4½ ft.
No. 262—Each...	$5.50	5.70	5.90	5.90

Cotton Combination, Alternating Layers of Excelsior and Cotton, Top and Bottom Covered with Thick Layers of Cotton, a Very Durable Mattress.

Width.....	3	3½	4	4½ ft.
No. 263—Each...	$7.10	7.30	7.50	7.50

Husk, Cotton Top, Made of Machine Cleaned Western Husks, Free from Cobs or Dirt, with Thick Layer of Cotton, Closely Stitched, Good Quality Twill Tick.

Width.....	3	3½	4	4½ ft.
No. 264—Each...	$6.00	6.20	6.40	6.40

Husk, Reversible, Extra Sheet of Cotton on Top and Bottom of Mattress, so It May be Used Either Side Up.

Width.....	3	3½	4	4½ ft.
No. 265—Each...	$6.80	7.00	7.20	7.20

Sanitary Sea Moss, Cotton Top, Extra Quality Twill Ticking, Leather Tufted, is Recommended Especially to Those Who Like a Soft Mattress.

Width.....	3	3½	4	4½ ft.
No. 266—Each...	$7.60	7.80	8.00	8.00

Sea Moss, Reversible, with Layer of Cotton on Both Top and Bottom, Can be Used Either Side Up.

Width.....	3	3½	4	4½ ft.
No. 267—Each...	$9.10	9.30	9.50	9.50

No. 1 Cotton, Made of Especially Cleaned New Cotton, with Sateen Finish or Twill Ticking, Closely Stitched and Tufted.

Width.....	3	3½	4	4½ ft.
No. 269—Each...	$11.50	12.00	12.50	12.50

Shipping weight varies from 25 to 50 lbs.

WHEN ORDERING BE SURE TO SPECIFY SIZE WANTED.

HAIR MATTRESSES.

The hair used in the construction of our mattresses from the lowest to the highest grade is put through a special washing, cleaning and purifying process, which makes it absolutely pure, wholesome and sanitary.

C Grade, Long and Short Curled Hair, Best Quality of Ticking.

Width.....	3	3½	4	4½ ft.
W't.....	25	30	35	40 lbs.
No. 181—Each	$14.50	16.00	17.50	20.00

F Grade, Black, Good Quality, Medium Length, Curled Hair, Best Quality of Ticking.

Width.....	3	3½	4	4½ ft.
W't.....	25	30	35	40 lbs.
No. 182—Each	$15.60	18.80	21.80	25.00

Black Hair, Heavy Grade of Ticking.

Width.....	3	3½	4	4½ ft.
W't.....	25	30	35	40 lbs
No. 184—Each	$22.50	27.00	31.50	36.00

C Grade, Special Quality of Long Black Selected Hair, Specially Recommended for Those Who Want a Soft Mattress at a Medium Price.

Width.....	3	3½	4	4½ ft.
W't.....	25	30	35	40 lbs.
No. 185—Each	$28.13	33.75	39.38	45.00

Extra Black Drawings, Very Elastic and a High Class Mattress in Every Respect.

Width.....	3	3½	4	4½ ft.
W't.....	25	30	35	40 lbs.
No. 186—Each	$31.25	37.50	43.75	50.00

A1—Super Extra Black Drawings, Absolutely Guaranteed to be the Best Mattress to be Had. Nothing Finer Made, Covered with Best Quality of Thorndyke Fancy Striped or Fancy Art Ticking.

Width.....	3	3½	4	4½ ft.
W't.....	25	30	35	40 lbs.
No. 187—Each	$37.50	45.00	52.50	60.00

WHEN ORDERING BE SURE TO SPECIFY SIZE WANTED.

ELASTIC FELT MATTRESSES.

Elastic felt is made of pure, long staple cotton, thoroughly cleaned and purified, woven and interlaced or felted to form sheets or layers the size of the mattress, laid one upon another, compressed and ticking drawn over them, making mattresses that will not pack, spread or become lumpy. A felt mattress, if given a sun bath occasionally, will expand and retain its resiliency for a lifetime. We handle two grades, the difference in cost being due to the relative cost of the fibre used.

B Grade Felt, Unbleached, but Absolutely Clean and Sanitary.

Width.....	3	3½	4	4½ ft.
No. 272—Each	$12.75	13.50	14.25	15.00

Pure Snow White Fibre, Guaranteed Equal or Superior to Any Felt Mattress Made.

Width.....	3	3½	4	4½ ft.
No. 273—Each	$17.00	18.00	19.00	20.00

Sanitary Silk Floss (Kapok) Mattress.

Width.....	3	3½	4	4½ ft.
No. 274—Each	$19.00	20.00	21.00	22.00

The particular advantage of this mattress lies in its exceeding lightness and buoyancy. The full sized mattress weighs but 28 pounds, which is lighter than the larger section of a two-part mattress of any other filling. The consequent ease of handling will appeal strongly to the housekeeper. It has long life, and even after it may have become depressed by use, will resume its original buoyancy if placed where it can secure strong rays of the sun.

WHEN ORDERING BE SURE TO SPECIFY SIZE WANTED.

STEEL COUCH MATTRESSES.

No. 251—Cotton mattress or pad, fancy cretonne ticking, for steel couches, w't 20 lbs.....each $6.00

No. 252—Felt mattress or pad for steel couches, w't 20 lbs.....each 8.00

The felt used in No. 252 is the same grade as that used in our felt mattress No. 272, and has either fancy cretonne or regular felt mattress ticking.

(Mattresses can be made in two parts if so desired; extra, each $1.00).

KITCHEN CABINETS.

Description—Made of seasoned lumber with a golden oak gloss finish, with brass trimmings, wood top.

Base—Has two double flour bins, with round veneer anti-rust bottoms, two large drawers, one with compartment, a large bread board in center.

Canopy—Has two cupboard spaces with three drawers, between, two medium and one large drawer for silverware.

No. 142½—42×26 in. top, 55 in. high, w't 125 lbs., complete★ each $14.00
No. 1—Base only★ " 8.50
No. 42½—Canopy only★ " 5.50
Nickel Top (specify "Nickel Top")★ extra, " 2.20

Description—Made of best seasoned lumber, sandpapered smooth and finished in a satin walnut, dull rub, which is conceded by experts to be the most durable for use in a kitchen.

Top—Is wood polished and rubbed.

Base—Has one large drawer, a tilting flour bin and large cupboard space.

Canopy—Has two small cupboard spaces, two small drawers and two tilting sugar bins, a large china closet with glass doors.

No. 195—42×26 in. top, 6 ft.3 in.high, w't 200 lbs.,complete,★ each $23.70
No. 01—Base only★ " 11.80
No. 95—Canopy only★ " 11.90
Nickel Top (specify "Nickel Top")★ extra, " 2.20

Description—Built of selected seasoned lumber, beautifully finished in a golden oak gloss, brass trimmed with wood top.

Base—Has two double flour bins, with round veneer anti-rust bottoms, two large drawers (one with compartments), a large bread board in center.

Canopy—Has three small spice drawers and two large cupboard spaces with doors.

No. 180—42×26 in. top, complete★ 66 in. high, w't 140 lbs., complete each $17.00
No. 1—Base only★ " 8.50
No. 80—Canopy only★ " 8.50
Nickel Top (specify "Nickel Top") extra★ " 2.20

Description—Built of the finest seasoned lumber, carefully selected, sandpapered smooth and finished in a satin walnut finish, dull rub, making a beautiful appearance and at same time most durable in kitchen. The brass trimmings are first class, the top is nickeled, workmanship being of the highest grade, makes it a cabinet for those who desire the best.

Base—Has three large drawers, the bottom one can be used as a bread box, with lid to make it air tight, a large cupboard with sliding shelf, door is fitted with a tray rack.

Canopy—Is 11 in. deep, fitted with a large china closet with two glass doors, a fifty-pound flour bin, with sifter attached, one sugar bin, six spice cabinets and one coffee can.

No. 230—42×26 in. top, 6 ft. 3 in. high, w't 175 lbs., complete★ each $32.50

Articles displayed not included. All cabinets shipped regular, unless otherwise specified.

★*SHIPPED FROM FACTORY ONLY, CENTRAL INDIANA.*

KITCHEN CABINETS.

Description—Made of white maple, built with as great care as higher priced cabinets.

Base has a drawer 19×17×4 in., below which is a bin, 10×21×14½ in., with partition in center, each section holding 30 lbs. of flour.

The canopy has four drawers 5½×5½×3¼ in. and one large drawer in center 14×5½×3¼ in. This canopy fits this base only.

No. M5-14—40×26 in. top, w't 85 lbs., complete★.....each $10.40
No. 5—Base only★..... " 6.60
No. 14—Canopy only★..... " 3.80

★*From Factory, Niles, Mich., only.*

Description—Wood used is a superior grade of pure white maple carefully planed, sand-papered and varnished. This cabinet is built by expert workmen with whom quality stands foremost.

The base has a kneading board 24×20 in., and bread board 12×20 in., below which are two drawers 17×19×4 in., one having three partitions; also two center drawers 14½×19×5½ in., on both sides of these is a flour bin 14½×21½×14½ in., holding 50 lbs. flour.

The canopy has a cupboard on the right and left side with swinging doors 14½×12 in. In the centers are four drawers, two 15×4×8½ in. and two 7½×4×8½ in.

No. M9-11—26×50 in. top, w't 175 lbs., complete★.....each $21.00
No. 9—Base only★..... " 13.20
No. 11—Canopy only★..... " 7.80

★*From Factory, Niles, Mich., only.*

Description—Made of white maple, highly finished, all fitting and cabinet work being first class.

Base has a kneading board 24×20 in., one drawer 17×19×4 in., with three divisions, below which are two bins 17×21×14½ in. each, holding 50 lbs. flour.

The canopy has a cupboard on left side with a drop door 20×9 in., making a convenient shelf when open. On right side are three drawers, two 9½×4×8¼ in., and one 20×4×8½ in.

This canopy fits this base only.

No. M6-17—44×26 in. top, w't 125 lbs., complete★.....each $15.00
No. 6—Base only★..... " 8.56
No. 17—Canopy only★..... " 6.44

★*From Factory, Niles, Mich., only.*

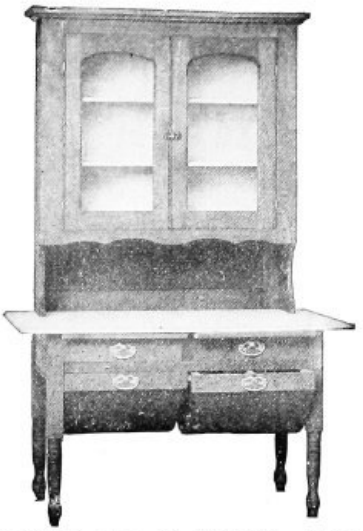
Description—A selected white maple is used in the construction of this cabinet. Fitted with special care. A beautiful finished piece of furniture.

The base has bread board over doors 20×24 in. Two drawers in center 11×4×21 in., partitioned for knives, etc., one drawer 14×8×21 in., and one 11×8×21 in., one flour bin 14×15×21 in., holding 60 lbs. flour; one cupboard 24×16×22 in.

The canopy has three drawers on right and left side, one 15×4×8½ in., and two 7½×4×8½ in., below which are two bins 15×8½×8½ in. In center is a large cupboard.

No. M10-18—48×26 in. top, w't 210 lbs., complete★.....each $25.00
No. 10—Base only★..... " 14.70
No. 18—Canopy only★..... " 10.30

★*From Factory, Niles, Mich., only.*



Description—Base of hardwood, gloss oak finish, birch top, two bread boards 18×22 in., two drawers 17×18 in., two galvanized iron bottom flour bins, holding 50 lbs. each.

Description—Top of hardwood, gloss oak finish, glass doors, 39 in. wide by 11 in. deep, with three shelves.

No. 150—28×48 in. top, w't 175 lbs., complete★.....each $16.00
No. 15—Base only★..... " 9.00

★*From Factory, Plymouth, Wis., only.*

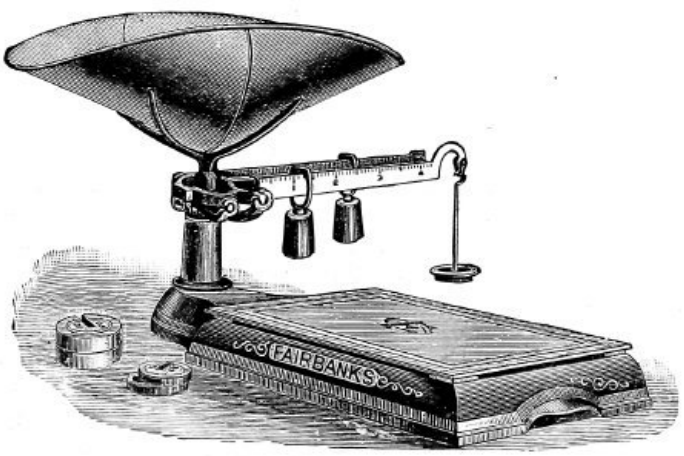
KITCHEN SAFES.

Description—Of hardwood, imitation oak front. Panels and drawers, imitation quartered oak, has three shelves, two large drawers and a large cupboard underneath. No. 3100 has imitation quartered oak panels instead of glass.

No. 3300—6 ft. 6 in. high, 3 ft. 3 in. wide, by 15 in. deep, w't 115 lbs★.....each $12.50
No. 3100—Oak panels, otherwise same as No. 3300★.....each 10.50

★*From Factory, Plymouth, Wis., only.*

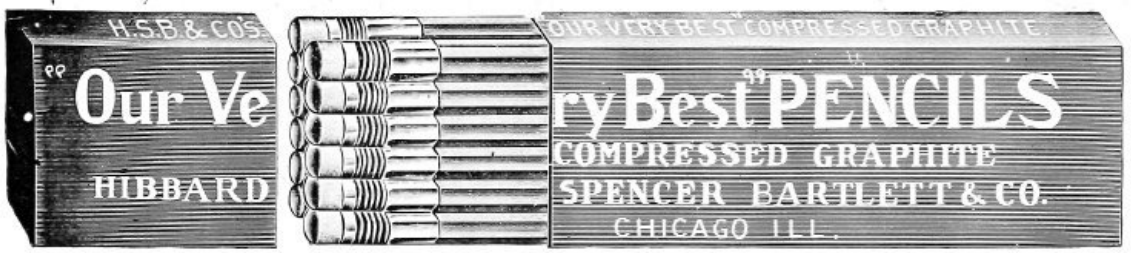
STATIONERY, SCALES AND STORE FIXTURES



HIBBARD, SPENCER, BARTLETT & CO.

CHICAGO

LEAD PENCILS.



"Our Very Best," Extra Fine Grade, Compressed Graphite, Highly Polished, Yellow, with Screw Rubber Tip.

No. 342—HB, soft medium, - per gross $12.00
No. 343—F, medium, - " 12.00
No. 344—H, hard, - " 12.00

These pencils cannot be excelled.

ONE DOZEN IN A PASTE BOARD BOX, HALF GROSS IN A CARTON, WEIGHT 3½ LBS. PER GROSS.

No. 442—H. S. B. & Co's HIB-CER-BAR hexagon, yellow, gold stamp, No. 2 superfine lead, screw rubber tip, - - per gross $8.50
No. 443—H. S. B. & Co's HIB-CER-BAR hexagon, yellow, gold stamp, No. 3 superfine lead, screw rubber tip, - - " 8.50

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX. WEIGHT 2½ LBS. PER GROSS.

No. 352—HIB-SPE-BAR, round, red and yellow striped, round gilt tip, gilt stamp on red stripe, highly finished, No. 2 compressed graphite, screw rubber tip, - per gross $8.50
No. 353—HIB-SPE-BAR, round, red and yellow striped, round gilt tip, gilt stamp on red stripe, highly finished, No. 3 compressed graphite, screw rubber tip, - per gross 8.50

ONE DOZEN IN A PASTE BOARD BOX, SIX BOXES IN A CARTON, WEIGHT 2½ LBS. PER GROSS.

No. 252—"O. V. B.," SPECIAL, hexagon, alternate red and black sides, gold stamp, No. 2 lead, screw rubber tip, - - per gross $8.40
No. 253—"O. V. B.," SPECIAL, hexagon, alternate red and black sides, gold stamp, No. 3 lead, screw rubber tip, - - " 8.40

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX. WEIGHT 2½ LBS. PER GROSS.

No. 45—"O. V. B.," round, maroon, gold stamp, No. 2 lead, screw rubber tip, - - - - - - - - per gross $6.75

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX. WEIGHT 3 LBS. PER GROSS.

No. 47—"O. V. B.," hexagon, maroon, gold stamp, No. 2 lead, screw rubber tip, - - - - - - - per gross $7.50
No. 19—"O. V. B.," hexagon, ebony, gold stamp, No. 3 lead, screw rubber tip, - - - - - - - " 7.50

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX. WEIGHT 3 LBS. PER GROSS.

No. 56—"O. V. B." JUNIOR, round, satin, gold stamp, No. 2 lead, screw rubber tip, - - - - - - per gross $7.00
No. 59—"O. V. B." JUNIOR, round, maroon, gold stamp, No. 3 lead, screw rubber tip, - - - - - - " 7.00

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX. WEIGHT 2 LBS. PER GROSS.

LEAD PENCILS.

No. 376—Dixon's American Graphite, tablet size, round, satin finish, gold stamp, H., - - - - - - per gross $10.80
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX. WEIGHT 2 LBS. PER GROSS.

No. 315—Tip-Top, round, maroon finish, gold stamp, screw rubber tip, weight per gross 3 lbs., - - - - - per gross $3.40
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 465—"Beats All," round, maroon finish, gold stamp, No. 2 lead, screw rubber tip, weight per gross 3 lbs., - - per gross $2.80
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 268—Dixon's Artisan, round, natural polished, plain stamp, round inserted rubber, weight per gross 2¼ lbs., - - per gross $2.30
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 259—Plain cedar, round, full size, no stamp, weight per gross 2 lbs., - - - - - - - - - per gross $1.30
ONE DOZEN IN A PACKAGE. ONE GROSS IN A BOX.

No. 250—H. S. B. & Co's Purchasing Agent, round, satin finish, gold stamp, *very large soft lead*, weight per gross 3 lbs., - per gross $9.50
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 807—H. S. B. & Co's "Our Very Best," round, plain, white wood, gold stamp, *extra large blue lead*, weight per gross 3 lbs., per gross, - $8.00
No. 787—Dixon's, round, plain, white wood, gold stamp, extra large blue lead, weight per gross 3 lbs., - - - - per gross 7.50
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 350—Dixon's Best Blue, round, blue, highly polished, gold stamp, *extra quality blue lead*, weight per gross 3 lbs., - per gross $18.00
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 327—Dixon's Best Blue, hexagon, blue, highly polished, gold stamp, *extra quality blue lead*, weight per gross 3 lbs., per gross $18.00
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

LEAD PENCILS IN ASSORTMENTS.

No. 466

No. 216.

No. 466—Assortment of one-half gross Dixon's No. 2 lead pencils, consisting of one-half dozen each of twelve fancy colored pencils, hexagon shape, and striped alternately, blue and white, black and yellow, blue and black, green and white, vermilion and white, vermilion and black, rose pink and black, pale pink and black, lavender and white, maroon and green, rose pink and white and yellow and white; gold stamp, gilt ferrule, rubber tip. ½ gross in cardboard display box, very handsome, - - per box $4.25

No. 216—Assortment of one-half gross lead pencils, consisting of one dozen each of six kinds, DIXON'S Cabinet, Traveller, Talisman and Cosmos, assorted hexagon and round, colors maroon, red, white, mottled, and satin finish, gold stamp, three styles of rubber tips, weight per box 2 lbs., - - - - - - - - - - - - - - - - - - per box 3.50

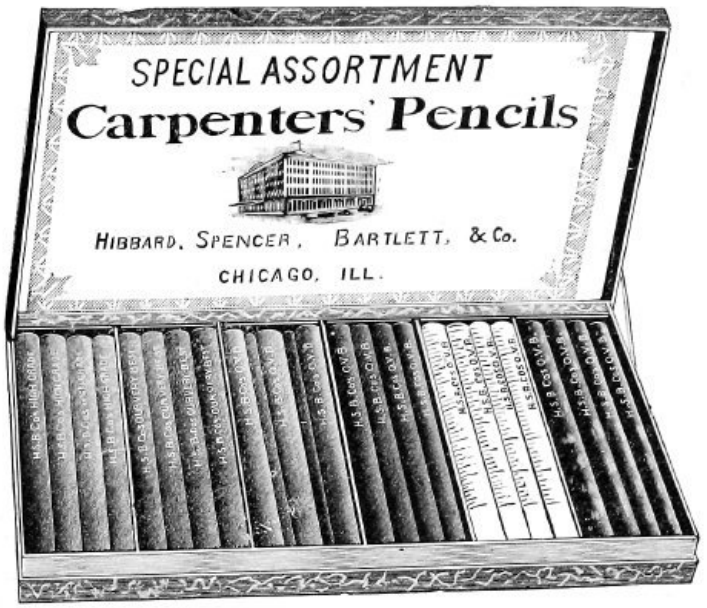
No. 220.

No. 430.

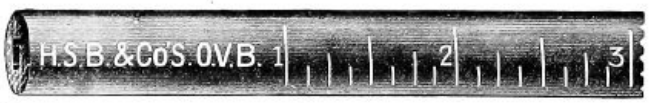
No. 220—Assortment of one-half gross lead pencils, consisting of one dozen each red, white, blue, yellow, green and pink, DIXON'S Cabinet, all round, fancy gold stamp, gilt ferrule, rubber tip, weight per box 2 lbs., - - - - - - - per box $4.00

No. 430—Assortment of one gross lead pencils, consisting of DIXON'S Secretary, Cabinet, Advance, Talisman, Traveller, Tip Top, Artisan and Tri-lateral, pressed and gold stamps, three styles of rubber tips, weight per box 3¼ lbs., - - - per box 5.50

CARPENTERS' LEAD PENCILS.



No. 229—Assortment containing ½ gross of carpenters' pencils, consisting of 2 dozen polished cedar, plain stamp, 1 dozen each, mottled wood with gold stamp, white wood with rule, blue stamp, and 2 dozen cedar with beveled edges, satin finish, gold stamp, weight per box 2¼ lbs., - - - - - - - - - - - - - - - - - - per box $3.00



No. 114—7 in., "O. V. B.," oval, white wood, with rule, blue stamp, w't per gro. 3 lbs., - - per gross $4.00
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 110—7 in., "O. V. B.," oval, red cedar, plain stamp, w't per gro. 3 lbs., - - - - per gross $5.00
No. 111—9 in., "O. V. B.," oval, red cedar, plain stamp, w't per gro. 4 lbs., - - - - per gross 6.00
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 780—7 in., H. S. B. & Co's "Our Very Best," beveled, satin finish, silver stamp, w't per gro. 5 lbs., per gross, - - - - - - - - $8.50
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 781—7 in., H. S. B. & Co's "High Grade," flat, beveled, rosewood stained, silver stamp, w't per gro. 5 lbs., - - - - - - per gross $10.00
No. 782—9 in., H. S. B. & Co's "High Grade," flat, beveled, rosewood stained, silver stamp, w't per gro. 6 lbs., - - - - - - per gross 12.00
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 881—Hib-Spe Bar, flat, beveled, yellow and green, silver stamp, w't per gro. 5 lbs., - - per gross $10.00
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 210—7 in., H. S. B. & Co's special quality, oval, mottled, cedar, gold stamp, w't per gro. 3 lbs., per gross, - - - - - - - - $ 8.50
No. 117—7 in., H. S. B. & Co's "Our Very Best," oval, mottled, cedar, gold stamp, w't per gro. 3 lbs., per gross 10.00
No. 600—7 in., Frederick Taylor's, oval, mottled, cedar, gold stamp, w't per gro. 3½ lbs., - - per gross 15.00
ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 538—7 in., Dixon's, framers, flat, beveled, rosewood stained, gold stamp, - - - - per gross $10.50
ONE DOZEN IN A PACKAGE. HALF DOZEN IN A BOX.
WEIGHT PER GROSS 4 LBS.

No. 511—7 in., Dixon's, flat, beveled, satin finish, gold stamp, w't per gro. 4½ lbs., - - - per gross $10.00
No. 512—9 in., Dixon's, flat, beveled, satin finish, gold stamp, w't per gro. 5½ lbs., - - - per gross 12.00

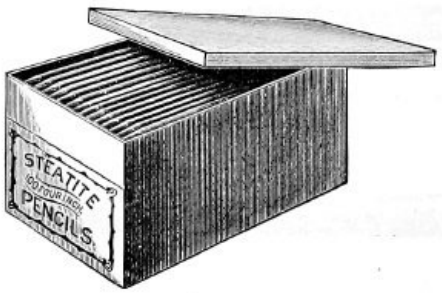
PENCILS AND CRAYONS.

COPYING PENCILS.

No. 73B—HARDTMUTH'S "MEPHISTO," round, maroon, silver stamp, finest quality violet copying composition, w't per gro. 2¼ lbs., per gross, - - -

PENCILS AND CRAYONS.

SLATE PENCILS.



No. 9—Soapstone, pointed, 6 in., w't per box 3½ lbs., per box, - - - - - - - - $0.45
No. 10—American Flag, 5½ in., w't per box 1¼ lbs., per box, - - - - - - - - .40

100 IN A BOX.

CHALK CRAYONS.

No. 6—School, white, 3¼×⅜ in., w't per gro. 2 lbs., per gross, - - - - - - - - $0.15
No. 85—Railroad, white, 4 ×1 in., w't per gro. 13½ lbs., per gross, - - - - - - - - 1.30
No. 84—Railroad, blue, 4 ×1 in., w't per gro. 13 lbs., per gross, - - - - - - - - 1.80

ONE GROSS IN A BOX.

METAL WORKERS' PENCILS.

No. 3—Talc, round, ¼×5 in., w't per gro. 3½ lbs., per gross $3.00

ONE GROSS IN A BOX.

METAL WORKERS' CRAYONS.

No. 4—Talc, ¼×½×5 in., not papered or pointed, w't per gro. 10 lbs., - - - - - per gross $4.00

ONE GROSS IN A BOX.

RAILROAD CRAYONS.

No. 56.

No. 56—5×½×½ in., talc, paper covered, pointed, w't per gro. 12¼ lbs., - - - - - per gross $4.00
No. 60—5×1×1 in., talc, not covered, pointed, w't per gro. 40 lbs., - - - - - - per gross 8.00

This is a composition that will not break as easily as chalk crayons. Especially adapted for car inspectors, warehouse men and all kinds of mechanics, for marking on rough surfaces.

NO. 56, ONE GROSS; NO. 60, ONE-SIXTH GROSS IN A BOX.

MARKING PENCILS.

No. 1—Acme, indelible, red, blue or black, 4 in., w't per gro. ½ lbs., - - - - - - - per gross $4.50

ONE DOZEN IN A BOX.

LUMBER CRAYONS.

"Our Very Best," Hexagon, Waterproof.

No. 260—Blue, 5×½ in., - - - - - per gross $9.00
No. 261—Black, 5×½ in., - - - - - " 9.00
No. 262—Red, 5×½ in., - - - - - " 9.00

Makes a smooth, bright, waterproof and permanent mark. Especially adapted to marking timber, boards, boxes, barrels and hard, rough surfaces.

ONE DOZEN IN A BOX. WEIGHT 8 LBS. PER GROSS.

OIL LUMBER CRAYONS.

20th Century, Waterproof, Will Mark on Wet Lumber.

No. 160—Blue, hexagon, 4⅝×½ in., - - per gross $9.00
No. 161—Black, hexagon, 4⅝×½ in., - - " 9.00

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.
WEIGHT 8 LBS. PER GROSS.

LUMBER PENCILS.

No. 361—Dixon's, graphite, black, 4⅝×½ in., w't per gro. 10 lbs., - - - - - - per gross $12.00

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 365—Dixon's, hexagon, black, 4⅝×½ in., soft, w't per gro. 11 lbs., - - - - - per gross $12.00

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

No. 520—Dixon's, hexagon, red, 4⅝×½ in., w't per gro. 15¼ lbs., - - - - - per gross $20.00
No. 521—Dixon's, hexagon, blue, 4⅝×½ in., w't per gro. 10 lbs., - - - - - - per gross 20.00

ONE DOZEN IN A PACKAGE. HALF GROSS IN A BOX.

PENHOLDERS.

No. 626—Small, straight, red polished handle, nickel plated tip, weight per gross 1¼ lbs., - - - - - - per gross $1.50
ONE GROSS IN A BOX.

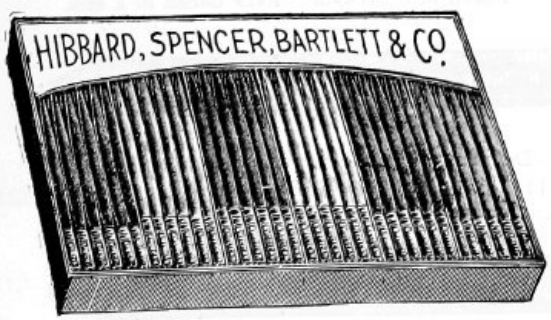
No. 1883—Medium, swell, *black handle,* glass finish, nickel plated tip, double steel points, - - - - - - per gross $6.50
No. 1884—Medium, swell, *red handle,* glass finish, nickel plated tip, double steel points, - - - - - - " 6.50
HALF GROSS IN A BOX. WEIGHT PER GROSS 2 LBS.

No. 294.

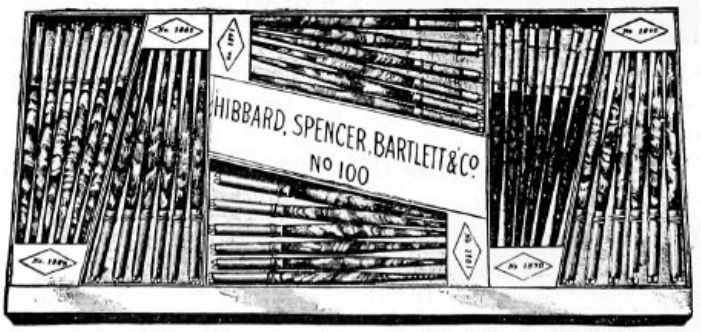
No. 300.

No. 294—PREMIER, extra large, taper, assorted red, black and natural wood handles, glass finish, cork tip, 1 dozen on an easel back display card, weight per dozen cards 3½ lbs., - - - - - - - - - - - - per dozen cards $10.80

No. 300—Assortment consisting of 3 dozen commercial penholders, assorted small, medium and large, seamless nickel plated tips, swell and straight handles, 2 dozen black, 1 dozen red, glass finish, weight per box ¾ lbs., - - - - per box 2.00



No. 200.



No. 100.

No. 200—Assortment consisting of 6 dozen school penholders, small, medium and large, swell gilt tips, cerise, green, canary, nile green, pink and purple colored handles, glass finish, weight per box 1¼ lbs., - - - - - - - - per box $2.50

No. 100—Assortment consisting of 6 dozen fancy penholders, small, medium and large, swell, assorted plain and spiral seamless gilt tips, marble, agate, malachite, onyx, tortoise and antique ivory colored handles, glass finish, weight per box 1½ lbs., - per box 4.00

MILLER BROS.' STEEL PENS.

No. 444. Bronze.

No. 16. Bronze, School.

No. 15. Bronze, Commercial.

No. 80. Bronze, Lady Falcon.

No. 20. Amalgam, Circular Pointed.

No. 113. White, Albata.

No. 22. Bronze, Falcon.

No. 1. Bronze, Bank.

No. 94. Bronze, Express.

No. 75. Amalgam, Anti-Corrosive.

No. 030. Amalgam, Smooth Writer.

No. 333. Bronze, Extra Fine.

No. 101. White, Ledger.

No. 28. White, University.

No. 105. White, Double Action.

No. 119. Gray, Medium Stub.

No. 102. White, Fine Stub.
No. 44. Bronze, Fine Stub.

No. 121. Bronze, Telegraph.

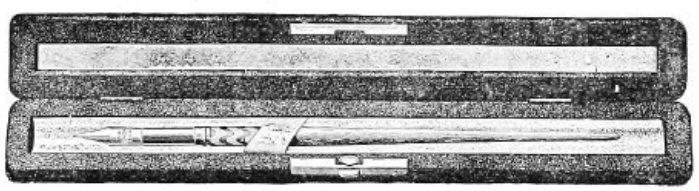
No. 4. White, Carbon Stub.

No. 6. Bronze, Superb.

All Numbers, - per gross $0.75

ONE GROSS IN A BOX. WE DO NOT BREAK BOXES.

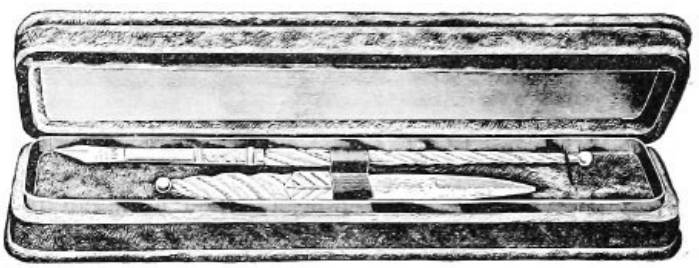
GOLD PENS IN CASES.



No. 242.

No. 246—Solid gold pen and pearl holder, length 6 in., in plush lined case, - - - - - - - - per dozen $14.50

No. 242—Solid gold pen and pearl holder, length 6¼ in., in fine silk plush case, - - - - - - per dozen 18.00



No. 40—Combination solid gold pen, pearl holder and pearl paper knife, handle of each inlaid with gold and gold plated ball tipped, in fine silk plush case, per dozen $45.00

FOUNTAIN PENS.

WATERMAN'S

Holder cut away showing reservoir ready to fill.

Complete pen ready for use with plain holder.

Automatic Self-filling, First Quality Rubber, Small Size Holder, Furnished in Three Finishes.

No. 30B—Plain black, No. 3 solid gold pen, - each $2.50
No. 30C—Chased black, No. 3 solid gold pen, - " 2.50
No. 30M—Plain mottled, No. 3 solid gold pen, - " 2.50

Automatic Self-filling, First Quality Rubber, Standard Holder, Furnished in Three Finishes.

No. 40B—Plain black, No. 4 solid gold pen, - each $3.00
No. 40C—Chased black, No. 4 solid gold pen, - " 3.00
No. 40M—Plain mottled, No. 4 solid gold pen, - " 3.00
No. 50B—Plain black, No. 5 solid gold pen, - " 3.50
No. 50C—Chased black, No. 5 solid gold pen, - " 3.50
No. 50M—Plain mottled, No. 5 solid gold pen, - " 3.50
No. 60B—Plain black, No. 6 solid gold pen, - " 4.00
No. 60C—Chased black, No. 6 solid gold pen, - " 4.00
No. 60M—Plain mottled, No. 6 solid gold pen, - " 4.00

Made and guaranteed by A. A. Waterman & Co., fitted with fully warranted 14-K gold pens. Filled from ordinary ink bottle by simply twisting end of holder.

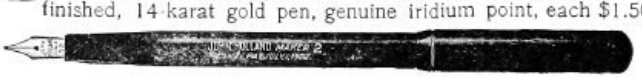
The soft rubber reservoir is twisted to right to empty and then untwisted to fill. Reservoir guaranteed for two years. No joint to stick, break or soil the fingers.

The gold pen points supplied in all numbers are fine, medium or coarse; or in all sizes above No. 2 stub points are supplied. When no points are specified on the order, medium points are sent.

HALF DOZEN IN A BOX.

HOLLAND.

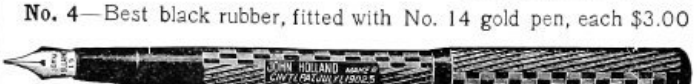
No. 1—Fountograph, good grade hard rubber, well turned and finished, 14-karat gold pen, genuine iridium point, each $1.50



No. 2—Best black rubber, fitted with No. 12 gold pen, each $2.00

No. 3—Best black rubber, fitted with No. 13 gold pen, each $2.50

No. 4—Best black rubber, fitted with No. 14 gold pen, each $3.00



No. 5—Best black rubber, fitted with No. 15 gold pen, each $3.50

Directions:—To fill the pen, unscrew the section, use a good fluid ink (never use a copying or combination ink), fill the ink dropper, place the point of the dropper against the inner side of the barrel, and press gently, allowing the ink to escape slowly into the barrel, thus avoiding air bubbles. Fill the barrel to within one-half inch of the top. Replace the section and screw moderately tight, and the pen is ready for use.

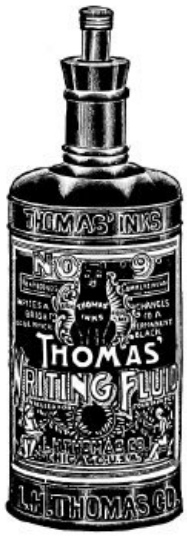
Whenever ink appears on the section, clean out the inside of cap with a piece of soft paper or a rag and wipe off the holder and you will not be bothered again, unless you handle the holder carelessly, or from accident.

If pen is clogged and dirty with ink, clean it by letting water from a faucet run through the section; that is, the part which holds the pen, or squirt water through the feeder with your glass filler until the sediment is dissolved.

ONE IN A BOX.

WRITING INK.

LARGE BOTTLES.



No. 91.

No. 111.

Writing Fluid.

No. 91— 1 qt. bottle, w't per doz. 47 lbs., - per dozen $9.00
No. 92— 1 pt. bottle, w't per doz. 24 lbs., - " 5.25
No. 93—½ pt. bottle, w't per doz. 14 lbs., - " 3.25

Writes blue, turns black. This is the best ink for any use where copying is not required, as it has great fluidity, and is free from sediment. It is not intended for a copying ink, but will take one copy if taken immediately after writing.

ONE DOZEN IN A CASE.

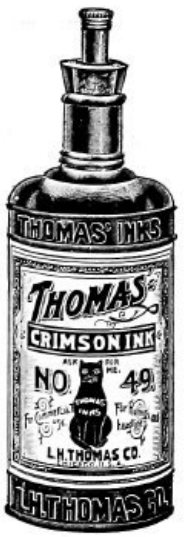
Combined Writing and Copying Fluid.

No. 111— 1 qt. bottle, w't per doz. 47 lbs., - per dozen $12.00
No. 112— 1 pt. bottle, w't per doz. 24 lbs., - " 7.00
No. 113—½ pt. bottle, w't per doz. 14 lbs., - " 5.00

Writes blue, turns black. This ink is designed for an all-around office ink, combining fluidity with excellent copying qualities.

ONE DOZEN IN A CASE.

No. 211.



No. 491.

Black Copying Fluid.

No. 211— 1 qt. bottle, w't per doz. 43 lbs., - per dozen $14.00
No. 212— 1 pt. bottle, w't per doz. 24 lbs., - " 8.00
No. 213—½ pt. bottle, w't per doz. 14 lbs., - " 5.00

Writes black.

ONE DOZEN IN A CASE.

Crimson Ink.

No. 491— 1 qt. bottle, w't per doz. 42 lbs., - per dozen $19.00
No. 492— 1 pt. bottle, w't per doz. 24 lbs., - " 11.00
No. 493—½ pt. bottle, w't per doz. 14 lbs., - " 6.75

Brilliant color. Free from sediment. Will yield one copy.

ONE DOZEN IN A CASE.

SMALL BOTTLES.

No. 58.

No. 57.

No. 97

No. 530.

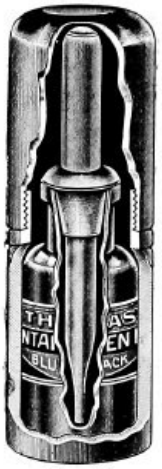
No. 58—2 oz. bottles, cone, black writing fluid, wood top cork, weight per gross 66 lbs., - - - - per gross $5.50
No 57—2 oz. bottles, cylinder stand, black writing fluid, wood top cork, weight per gross 72 lbs., - - - - " 6.00
No. 97—2 oz. bottles, cylinder stand, blue-black writing fluid, wood top cork, weight per gross 66 lbs., - - - " 7.20
No. 530—1½ oz. bottles, scarlet red ink, enamel top cork, weight per gross 30 lbs., - - - - - - - " 7.50

NOS. 97, 57, 58, ONE GROSS IN A CASE. NO. 530, ONE DOZEN IN A BOX.

FOUNTAIN PEN INK.

No. 468.

No. 464.



No. 466.

No. 468—1 oz. bottle, office stand, blue black, wood top cork, weight per gross 30 lbs., - - - - - - per gross $7.50
No. 464—4 oz. bottle, cylinder stand, blue black, with filler, weight per dozen 6 lbs., - - - - - - - per dozen 2.00
No. 466—Travelers', round bottle, in wood carrying case, blue black, with filler, weight per dozen 5½ lbs., - - - " 3.00

NO. 468, THREE DOZEN; BALANCE, ONE DOZEN IN A WOOD BOX.

MUCILAGE.

No. 907.

No. 906.

Oriental, Made from Pure Gum.

No. 907—2 oz. cone, with brush, w't per gro. 66 lbs., per gross, - - - - - - - - - $ 8.00
No. 906—2 oz. cylinder, with brush, w't per gro. 72 lbs., per gross, - - - - - - - - 8.00
No. 904—4 oz. office stand, with brush, w't per gro. 84 lbs., per gross, - - - - - - - - 15 00

ONE QUARTER GROSS IN A BOX.

Oriental, Made from Pure Gum.

No. 901—1 qt. glass bottle, w't per doz. 38 lbs., - per dozen $8.00
No. 902—1 pt. glass bottle, w't per doz. 24 lbs., - " 4.50

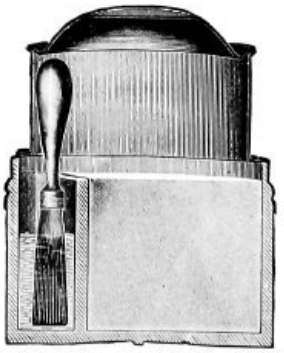
ONE QUARTER GROSS IN A BOX.

PASTE.

No. 846—2 oz., SNOW FLAKE, wide mouth office stand, with brush, w't per gro. 51 lbs., - - - per gross $7.50
No. 844—4 oz., SNOW FLAKE, wide mouth office stand, with brush, w't per doz. 6¼ lbs., - - - per dozen 1.25

Will not mould or sour, nor discolor anything on which it is used.

NO. 846, ONE QUARTER GROSS; NO. 844, ONE DOZEN IN A BOX.



Sectional View, showing Brush Well.

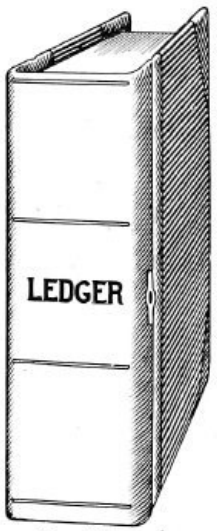
Especially Adapted for Mounting Photographs and General Office Use. Flash Light Bottle, Screw Top, with Brush.

No. 839—5 oz., SNOW FLAKE, w't per doz. 14 lbs., per dozen $3.50
No. 838—8 oz., SNOW FLAKE, w't per doz. 18 lbs., " 5.00

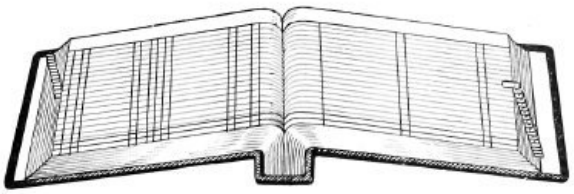
Will not mould or sour, nor discolor anything on which it is used. A little water placed in the brush well, or water chamber, will keep the brush always moist and the paste ready for instant use.

ONE DOZEN IN A BOX.

LOOSE LEAF LEDGERS.



No. 75.

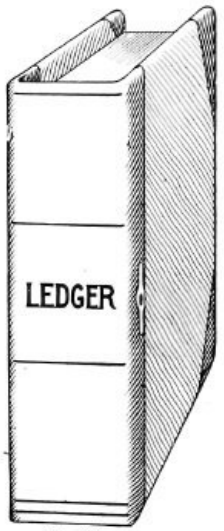


No. 75—Art canvas, leather corners and tabs, 250 sheets 8×10½ in., with index A to Z, gold letters, weight 6 lbs., - - - - - - - - - each $8.70

No. 76—Corduroy, leather corners and tabs, 250 sheets 8×10½ in., with index A to Z, gold letters, weight 6 lbs., - - - - - - - - - each 10.00

Extra pages, - - - - - - - - - - - - per M 11.00

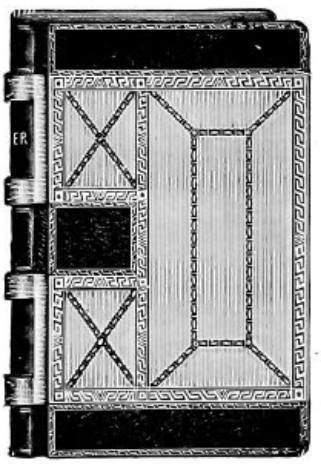
It binds securely one or one thousand pages. Sheets are removed instantly by unlocking compressor with key. Dead, suspended accounts or filled sheets are removed or replaced quickly and when locked cannot be removed without tearing. It is a thoroughly up-to-date and high-grade loose leaf device.



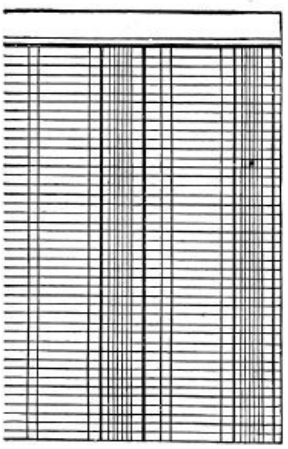
No. 76.

BLANK BOOKS.

DOUBLE ENTRY LEDGERS.



Binding.



Ruling.

LEDGERS.

9½x14 Inches, Duck Sides, Russia Ends and Bands, Superfine White Paper, Index in Front.

Nos.	180	181	182
Pages,	400	500	600
Weight,	6	7	8 lbs.
Each,	$3.50	4.00	4.50

9¼x14¼ Inches, Full Sheep, Russia Ends and Bands, Index in Front, Superfine White Paper.

Nos.	222½	223½	224½
Pages,	400	500	600
Weight,	6	7	8 lbs.
Each,	$3.50	4.00	4.50

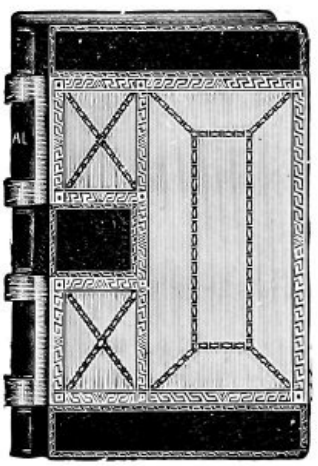
11x16⅛ Inches, Duck Sides, Russia Ends and Bands, Index in Front, Superfine White Paper.

Nos.	190	191	192
Pages,	500	600	800
Weight,	10	11	14 lbs.
Each,	$5.50	6.00	7.25

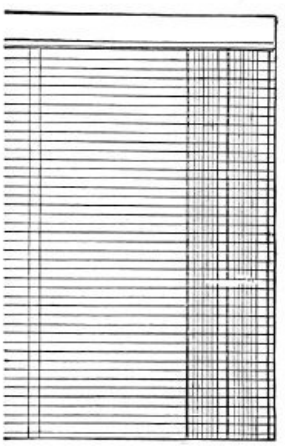
11x16⅛ Inches, Full Sheep, Russia Ends and Bands, Index in Front, Superfine White Paper.

Nos.	240	241	242
Pages,	500	600	800
Weight,	10	11	14 lbs.
Each,	$6.50	7.25	8.50

JOURNALS.



Binding.



Ruling.

JOURNALS.

9½x14 Inches, Duck Sides, Russia Ends and Bands, Superfine White Paper.

Nos.	180½	181½	182½
Pages,	400	500	600
Weight,	6	7	8 lbs.
Each,	$3.50	4.00	4.50

9¼x14¼ Inches, Full Sheep, Russia Ends and Bands, Superfine White Paper.

Nos.	225	226	227
Pages,	400	500	600
Weight,	6	7	8 lbs.
Each,	$3.50	4.00	4.50

11x16⅛ Inches, Duck Sides, Russia Ends and Bands, Superfine White Paper.

Nos.	190½	191½	192½
Pages,	500	600	800
Weight,	10	11	14 lbs.
Each,	$5.50	6.00	7.25

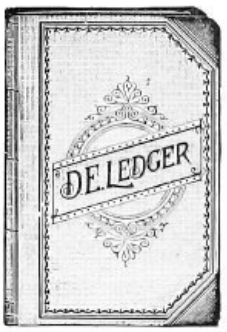
11x16⅛ Inches, Full Sheep, Russia Ends and Bands, Superfine White Paper.

Nos.	240½	241½	242½
Pages,	500	600	800
Weight,	10	11	14 lbs.
Each,	$6.50	7.25	8.50

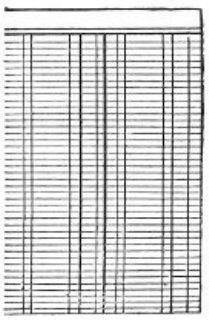
The size given in each case refers to the size of paper exclusive of binding.

BLANK BOOKS.

DOUBLE ENTRY LEDGERS.



Binding.

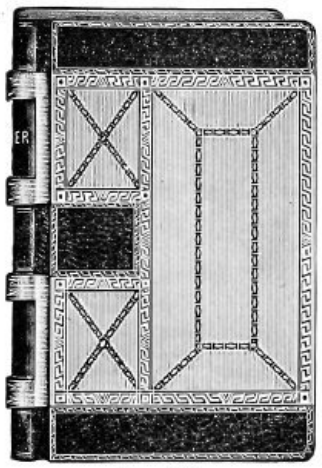


Ruling.

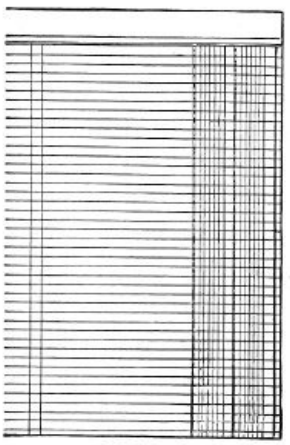
8¼x12¾ Inches, Duck Sides, Russia Corners, Indexed in Front, White Paper.

Nos.	980	981	982	983
Pages,	200	300	400	500
Weight,	2	3	3½	4¼ lbs.
Each,	$0.80	1.00	1.30	1.40

SINGLE ENTRY LEDGERS.



No. 290.



Ruling.

9½x14 Inches, Duck Sides, Russia Ends and Bands, Indexed in Front, Superfine White Paper.

Nos.	280	281	282
Pages,	400	500	600
Weight,	6	7	8 lbs.
Each,	$3.50	4.00	4.50

11x16⅛ Inches, Duck Sides, Russia Ends and Bands, Indexed in Front, Superfine White Paper.

Nos.	290	291	292
Pages,	500	600	800
Weight,	10	11	15 lbs.
Each,	$5.50	6.00	7.20

JOURNALS.

Binding.

Ruling.

8¼x12¾ Inches, Duck Sides, Russia Corners, White Paper.

Nos.	980½	981½	982½	983½
Pages,	200	300	400	500
Weight,	2	3	3½	4¼ lbs.
Each,	$0.80	1.00	1.30	1.40

POUND'S MERCHANTS' BILL BOOKS.

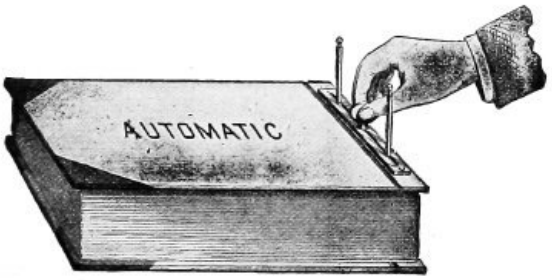
A Book of Ready Reference for All Merchants, Cloth Sides, Russia Back and Corners, Good Quality White Paper.

No. 100—188 pages, size 11⅛×8¾ in., ruled with special reference to requirements, printed titles and column heads, divided as follows: "Bills of Purchase," 132 pages, sufficient for 3,000 items; "Bills Receivable," 32 pages, 650 items; "Bills Payable," 10 pages, 220 items; "Inventory Resources and Liabilities," 5 pages, 88 items; "Insurance," 6 pages, 132 items; "Summary Accounts," 6 pages, each divided into months, w't 2 lbs., each, - - - - - - - - - $3.00

In this small book can be kept an account of all transactions in complete and condensed form, making it possible to know the exact standing every day in the year.

BLANK BOOKS.

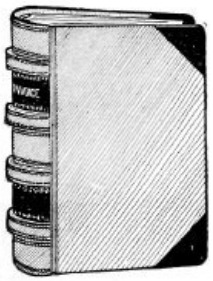
AUTOMATIC BINDERS.



No. 4—8½×11 in., one-piece finely tempered steel binding device, self-locking, double army duck covered over heavy tar-board sides, with leather corners, holds 2,000 sheets, - - - - - - - - each $2.00

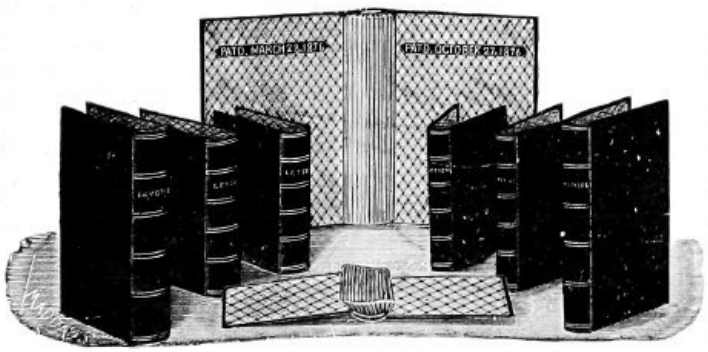
This binder will hold the same sheets as the loose leaf ledger shown on page 1213 and can be used as a transfer binder. No blank pages are furnished. The binder is the day or sale book. By its use it is unnecessary to post in the journal, thus saving time and the liability of error in transcribing. Will hold 2,000 sheets of regular order blanks and locks automatically at any point. To open binder insert key, and by one-half turn, spread the clamping device and the binder is open. By removing key the binder is automatically locked. This binder combines simplicity, strength, and never can get out of order because the locking device consists of only one piece.

INVOICE.



Full Canvas, Russia Corners, Indexed in Front, Heavy Manila Paper.

No. 202—10½×15 in., 180 pages, w't 3½ lbs., - each $2.00
No. 208—13 ×18 in., 450 pages, w't 10 lbs., - " 4.20



Leather Back, Cloth Sides, Gummed Stubbs.

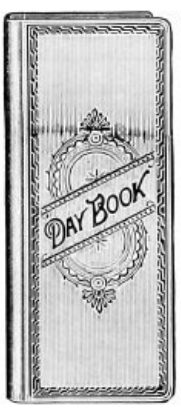
No. 15—10×12 in., 250 stubs, for letters, w't 1¾ lbs., each $1.60
No. 19— 9×15 in., 250 stubs, for invoice, w't 2 lbs., " 1.80
No. 20— 9×15 in., 500 stubs, for invoice, w't 3 lbs., " 2.60

CASH.

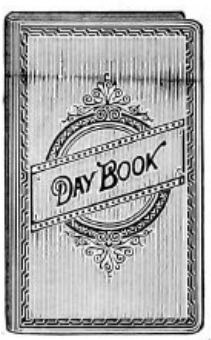
8¾x14¼ Inches, Full Duck, Russia Corners, Printed Head, Three Columns, Superfine White Paper.

No. 560—150 pages, w't 2½ lbs., - - - each $1.20
No. 561—200 pages, w't 3 lbs., - - - " 1.50
No. 562—300 pages, w't 4 lbs., - - - " 2.00

DAY AND COUNTER.



No. 893½.



No. 891.

No. 926.

Long Day.

No. 893½—6½×15 in., 500 pages, full duck, good quality white paper, ruled dollars and cents, w't per doz. 36 lbs., per dozen, - - - - - - - - - $9.00

Broad Day.

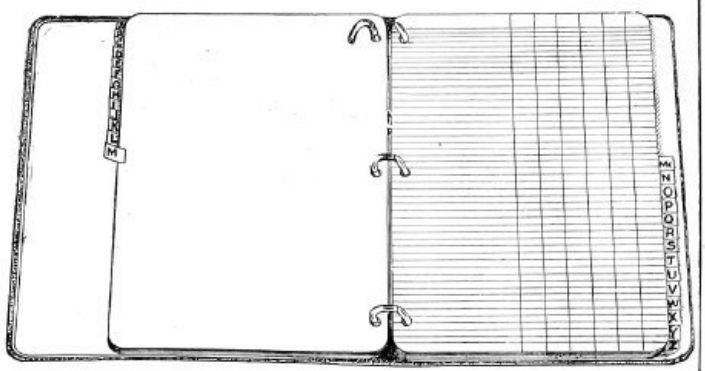
No. 891—7¾×12¼ in., 200 pages, full duck, good quality white paper, ruled dollars and cents, w't per doz. 17 lbs., - - - - - - - per dozen $4.30
No. 893—500 pages, otherwise same as No. 891, w't per doz. 35 lbs., - - - - - - per dozen 9.00

Counter.

No. 926—5¼×11½ in., 180 pages, press board cover, manila paper, ruled dollars and cents, w't per doz. 5 lbs., per dozen, - - - - - - - - $0.80

BLANK BOOKS.

MORDEN'S POCKET PRICE.



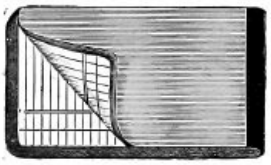
Showing book open with blank index page to the left; the loop at the top is opened, showing manner of inserting and removing sheets.

Loose Leaf, Fine Black Morocco Leather Flexible Cover, One Leather Inside Pocket, Three Loops, Ruled with Blue Cross and Red Perpendicular Lines, Cloth Tab Extension Index.

No. 5—4½×7 in., 100 pages, bond paper, - - each $3.75
Extra Pages, for No. 5, - - - per hundred .90
No. 10—6¾×8¾ in., 100 pages, bond paper, - each 5.25
Extra Pages, for No. 10, - - - - per hundred 1.75

The book has many desirable qualities. The sheets remain perfectly flat and can be easily removed and replaced.

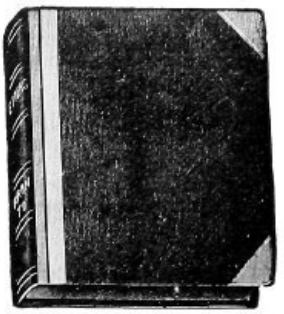
ORDER.



No. 3—REYNOLD'S, 3⅝×6⅝ in., 60 leaves, open end, pressed board cover, cloth back, white paper, to fit No. 03 holder, - - - - - - per dozen $1.00
No. 03—Red American Russia holders, to fit No. 3 Reynold's order book, - - - - per dozen 5.00

ONE DOZEN IN A PACKAGE.

IMPRESSION.



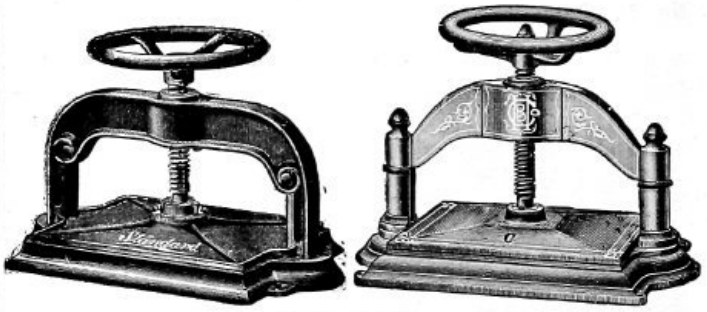
10x12 Inch, Sheep Leather Back and Corners, Cloth Sides, Extension Index, Manila Paper.

No. 402— 500 leaves, w't 3 lbs., - - - each $2.00
No. 403— 700 leaves, w't 3½ lbs., - - - " 2.30
No. 404—1,000 leaves, w't 5 lbs., - - - " 2.70

10½x14½ Inch, Sheep Leather Back and Corners, Cloth Sides, Extension Index, Manila Paper.

No. 462— 500 leaves, w't 3½ lbs., - - - each $2.40
No. 463— 700 leaves, w't 4¼ lbs., - - - " 3.00
No. 464—1,000 leaves, w't 6 lbs., - - - " 3.60

LETTER PRESSES



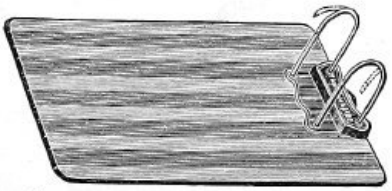
With Wheel.

No. 4—10 ×13 in., plain black, w't 58 lbs., - each $ 8.00
No. 5—10 ×15½ in., plain black, w't 66 lbs., - " 9.50
No. 14—10 ×13½ in., black and bronze, w't 58 lbs., " 10.00
No. 15—10½×14½ in., black and bronze, w't 66 lbs., " 11.50

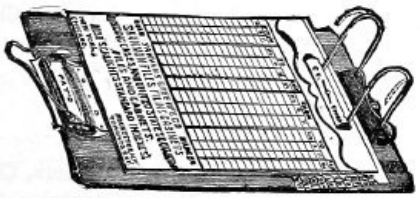
The size given is the available pressing surface.

OFFICE STATIONERY.

LETTER FILES.

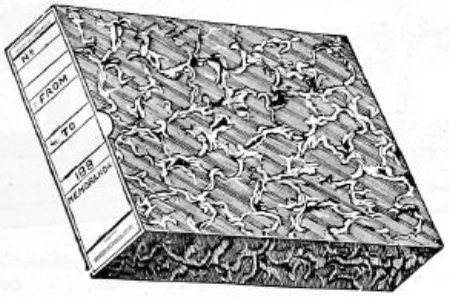


No. 4E—9×14½ in. sectional board, for letters, w't per doz. 21 lbs., - - - - - - per dozen $7.20
No. 6E—9¼×17 in. sectional board, for invoices, w't per doz. 24 lbs., - - - - - - per dozen 7.20

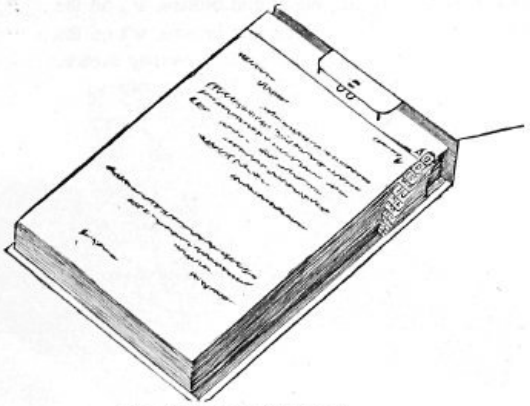


No. 4A—9×14½ in. sectional board, with index, cover and perforator, for letters, w't per doz. 28½ lbs., per dozen, - - - - - - - - - $15.80
No. 6A—9¼×17 in. sectional board, with index, cover and perforator, for invoices, w't per doz. 31 lbs., per dozen, - - - - - - - - - 15.80
No. 1 —Extra Perforators, w't per doz. 3½ lbs., per dozen 4.50
No. 2 —Extra Indexes, - - - - - - " .60
No. 3 —Extra Protection Covers, w't per doz. 4 lbs., " 2.70

TRANSFER CASES.



Showing Case Closed.



Showing Cover Removed.

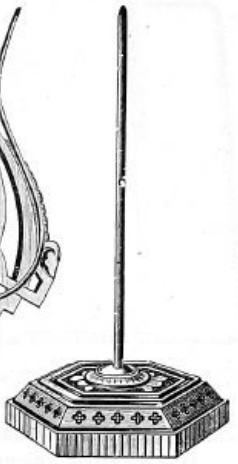
No. 4—9¼×11½ in., for letters, w't per doz. 10 lbs., per dozen, - - - - - - - - $5.60
No. 6—9¼×14 in., for invoices, w't per doz. 12 lbs., per dozen, - - - - - - - - - 7.40

These cases are intended to receive the contents of the file of the corresponding number.

PAPER FILES.

No. 636.

No. 2.



No. 10.

No. 636—6 in., plated wire, w't per doz. 1 lb., - per dozen $0.50
No. 2—6 in., walnut bronzed, tinned wire hook, w't per doz. 4 lbs., - - - - - - per dozen 1.00
No. 10—6 in., walnut bronzed, tinned wire hook, w't per doz. 3¼ lbs., - - - - - - per dozen 1.00

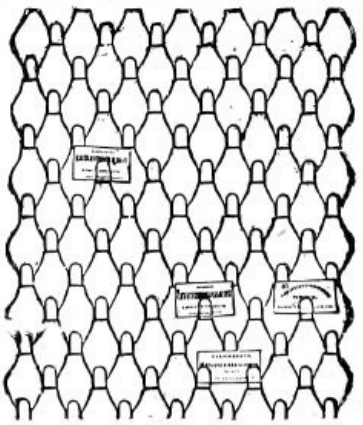
NO. 636, ONE-QUARTER GROSS; NO. 2, HALF DOZ.; NO. 10, ONE DOZ. IN A BOX.

PAPER CLIPS.

No. 1—3½ in., ground surface, walnut bronzed, heavy steel spring, w't per doz. 2¾ lbs., - - - per dozen $1.50

ONE DOZEN IN A BOX.

CARD AND PICTURE HOLDERS.



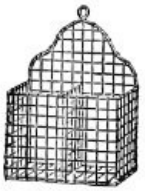
Folding, Bright Tinned Wire.

Nos.,	3	2	1
Sizes,	14×21	15×26	20×30 in
Per dozen,	$1.25	1.60	2.00

ONE DOZEN IN A PACKAGE.

PLATED WIRE TRAYS AND BASKETS.

MAIL RACKS AND BASKETS.



No. 691.

Nos. 692 and 692½.

Nos. 696 and 696½.

No. 691 —Letter or envelope racks, 4×8 in., with partition, weight per dozen 6 lbs., - - - - - - per dozen $ 6.00
No. 692 —Letter baskets, 8× 8×7 in., weight per dozen 12 lbs., - - - - - - - - - - " 6.00
No. 692½—Letter baskets, 10×10×8 in., weight per dozen 20 lbs., - - - - - - - - - - " 9.00
No. 696 —Door mail baskets, 10×7×5 in., with hinged slotted cover, weight per dozen 12 lbs., - - - - " 10.00
No. 696½—Door mail baskets, 12×9×6 in., with hinged slotted cover, weight per dozen 16 lbs., - - - - " 12.00

ONE SIXTH DOZEN IN A BOX

DESK TRAYS.

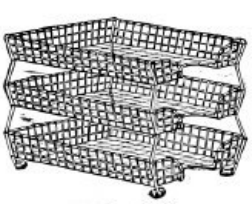
No. 701.

No. 701½.

No. 701 —10 ×14 in., height 3 in., weight per dozen 10 lbs., - - - - - - - - - - - per dozen $5.00
No. 701½—11¼ ×16½ in., height 5 in., weight per dozen 18 lbs., - - - - - - - - - - - " 9.00

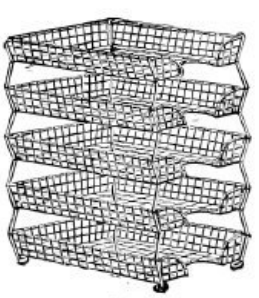
SPACE BASKETS.

No. 702.

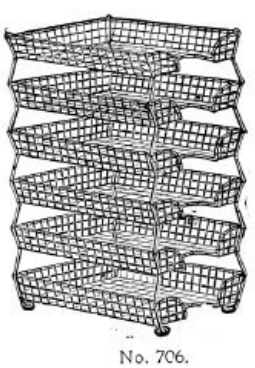


No. 703.

No. 704.



No. 705.



No. 706.

No. 702—2 spaces, 10×14 in., height 6 in., weight per dozen 24 lbs., - - - - - - - - - per dozen $12.00
No. 703—3 spaces, 10×14 in., height 9 in., weight per dozen 36 lbs., - - - - - - - - - " 18.00
No. 704—4 spaces, 10×14 in., height 13 in., weight per dozen 39 lbs., - - - - - - - - - " 24.00
No. 705—5 spaces, 10×14 in., height 16 in., weight per dozen 48 lbs., - - - - - - - - - " 30.00
No. 706—6 spaces, 10×14 in., height 19 in., weight per dozen 60 lbs., - - - - - - - - - " 36.00

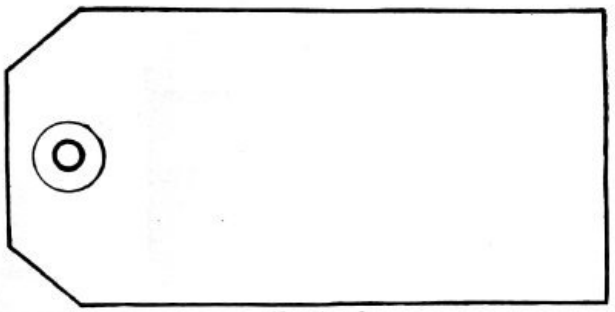
WASTE BASKETS.

No. 693.

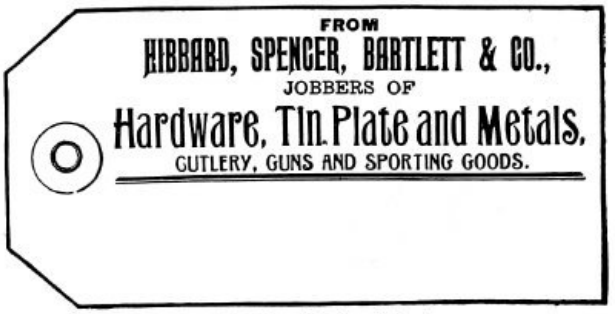
No. 694.

No. 693 —Single wire, height 12 in., diameter at top 15 in., at bottom 10 in., weight per dozen 18 lbs., - - - per dozen $7.50
No. 693½—Solid tin bottom, otherwise same as No. 693, weight per dozen 19 lbs., - - - - - - - " 7.50
No. 694 —Double wire, height 12 in., diameter at top 15 in., at bottom 10 in., weight per dozen 24 lbs., - - - " 9.00

SHIPPING TAGS.



Nos. 1 to 8.



No. 5C. (Reduced Cut.)

Rope Manila, Blank.

Nos.	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Size,	1⅜×2¾	1⅝×3¼	1⅞×3¾	2⅛×4¼	2¼×4¾	2½×5¼	2¾×5¾	3⅜×6⅜ in.
W't per 1000,	1½	2	2½	3¾	4½	5½	7	8 lbs.
Per thousand,	$0.50	.60	.70	.80	1.00	1.20	1.40	1.60

Stringing (in ordering, add "S" to number), - - - - - - - - - - - - extra per thousand $0.60

ONE THOUSAND IN A BOX. WE DO NOT BREAK BOXES.

Rope Manila, Printed with Customer's Card.

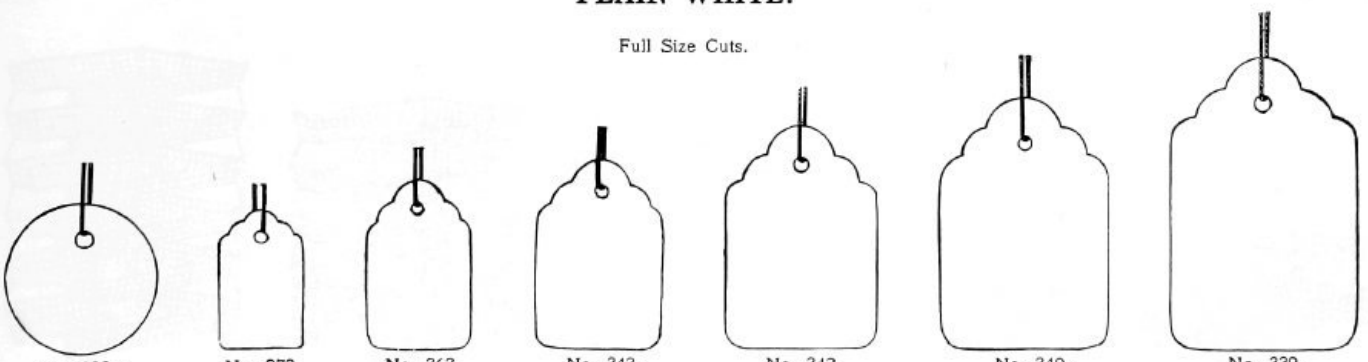
No. 5A—2¼×4¾ in., printed to order and *strung*, weight per thousand 5½ lbs., - - - - - - - - per thousand $3.00
No. 5B—2¼×4¾ in., printed to order and *wired*, weight per thousand 6 lbs., - - - - - - - - " 3.50
No. 5C—2¼×4¾ in., printed to order, *not strung or wired*, weight per thousand 4½ lbs., - - - - - - " 2.00

SOLD ONLY IN LOTS OF ONE THOUSAND OR MORE.

STRING TAGS.

PLAIN WHITE.

Full Size Cuts.



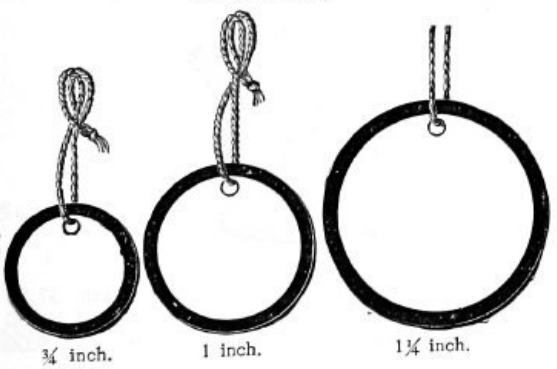
No. 330. No. 373. No. 363. No. 343. No. 342. No. 340. No. 339.

Extra Tough White Stock, Well Strung and Tied.

Nos.	**330**	**373**	**363**	**343**	**342**	**340**	**339**	**337**	**336**
Length,	⅞	⅞	1	1⅛	1¼	1½	1¾	2	2¼ in.
Width,	⅜	½	⅝	¾	⅞	1	1⅛	1 3/16	1½ in.
Per thousand,	$0.70	.55	.65	.75	.90	1.10	1.35	1.65	1.90

ONE THOUSAND IN A BOX.

Full Size Cuts.



¾ inch. 1 inch. 1¼ inch.

METAL EDGED.

White Center, Nickel Plated Rim.

Nos.	**10**	**11**	**12**	**13**
Diameter,	¾	1	1¼	1½ in.
Per thousand,	$2.00	2.50	3.00	4.00

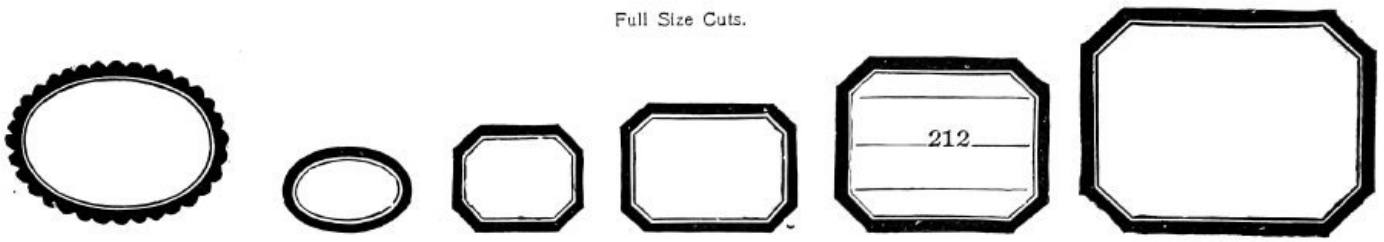
Green Center, Nickel Plated Rim.

Nos.	**20**	**21**	**22**	**23**
Diameter,	¾	1	1¼	1½ in.
Per thousand,	$2.00	2.50	3.00	4.00

ONE THOUSAND IN A BOX.

GUMMED LABELS.

Full Size Cuts.



No. 237. No. 249. No. 225. No. 217. No. 212. No. 205.

Extra Adhesive, Red Border.

Nos.	237	249	225	217	212	205
Length,	1¼	¾	¾	1	1¼	1¾ in.
Width,	1	½	⅝	¾	1	1⅝ in.
Per carton,	$1.50	1.50	1.50	1.50	1.50	1.50

PACKED IN BOXES, VARYING FROM 200 TO 100, ACCORDING TO SIZE. TWELVE BOXES IN A CARTON.

PAPER FASTENERS.

FLAT HEAD.

Full Size Cuts.

No. 21F. No. 22F. No. 23F. No. 24F. No. 25F. No. 26F. No. 27F.

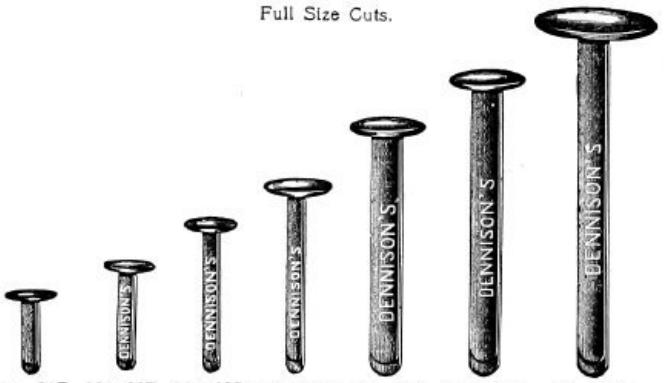
Brass.

Nos.	21F	22F	23F	24F	25F	26F	27F
Length,	¼	½	¾	1	1¼	1½	2 in.
Per thousand,	$1.20	1.50	1.80	2.10	8.00	9.60	16.00

ONE HUNDRED IN A BOX.

ROUND HEAD.

Full Size Cuts.



No. 21R. No. 22R. No. 23R. No. 24R. No. 25R. No. 26R. No. 27R.

Brass.

Nos.	21R	22R	23R	24R	25R	26R	27R
Length,	¼	½	¾	1	1¼	1¾	2 in.
Per thousand,	$1.50	1.80	2.40	3.00	11.20	13.80	19.20

ONE HUNDRED IN A BOX.

THUMB TACKS.

STEEL.

Full Size Cuts.

⅜ in. 7/16 in. 9/16 in.

Nos.	1	2	3
Diameter,	⅜	7/16	9/16 in.
Per hundred,	$0.54	66	.90

ONE HUNDRED IN A BOX.

BRASS.

Full Size Cuts.

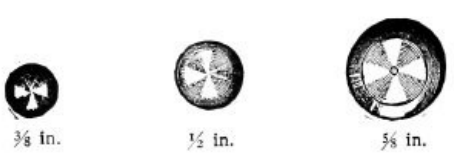
⅜ in. ½ in. ⅝ in.

Nos.	4	5	6
Diameter,	⅜	½	⅝ in.
Per gross,	$1.30	1.40	1.70

ONE GROSS IN A BOX.

GERMAN SILVER.

Full Size Cuts.



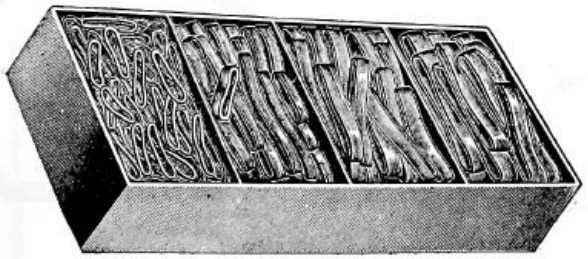
⅜ in. ½ in. ⅝ in.

Nos.	7	8	9
Diameter,	⅜	½	⅝ in.
Per gross,	$2.10	2.40	2.60

ONE GROSS IN A BOX.

RUBBER BANDS.

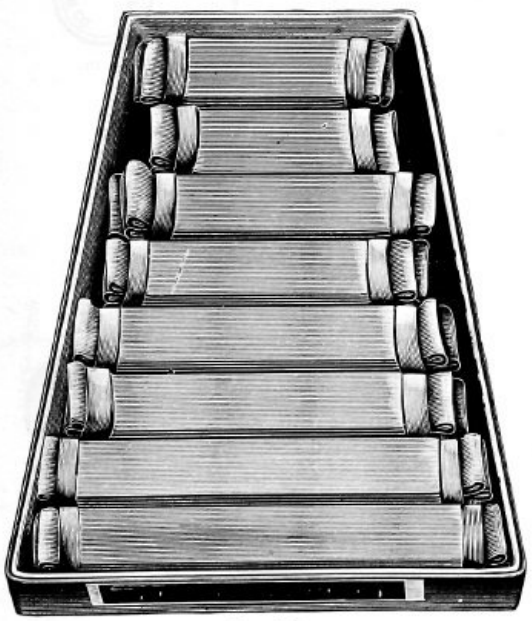
RETAIL ASSORTMENTS.



No. 200. Partitioned Box.

No. 400—Assortment contains ⅞ and 1½ thread, 1/16×2, ⅛×2, ⅛×3, ¼×2 and ⅜×2½ in., - per dozen boxes $ 4.80
No. 300—Assortment contains 1¼ in. thread, 3/32×1¼, 1/16×2, ⅛×2, ¼×2, ¼×2½ and ½×2½ in., per dozen boxes, - - - - - - - - - 9.60
No. 250—Assortment contains 1 and 1⅝ in. thread, 1¼, 1½, 1¾, 2, heavy thread, ⅛×2½, ⅛×3½, ¼×2, ¼×2½, ¼×3, ⅜×2½, ⅜×3 and ½×3½ in., per dozen boxes, - - - - - - - - 14.40
No. 200—Assortment contains 1¼ in. thread, 1/16×1¼, 3/32×1¼, ⅛×1½, ⅛×3, ¼×2, ¼×2½, ¼×3, ⅜×2 and ⅜×2½ in., - - - per dozen boxes 16.00

ASSORTED BOXES.



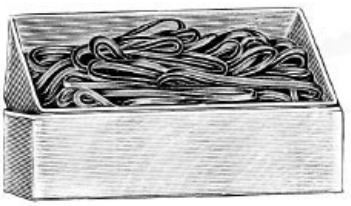
No. 106.

No. 104—One gross assorted, including three dozen each ¼×2, 2½, 3 and 3½ in., - - - per gross $1.90
No. 105—One gross assorted, including three dozen each ⅜×2, 2½, 3 and 3½ in., - - - per gross 2.50
No. 106—One gross assorted, including three dozen each ½×2, 2½, 3 and 3½ in., - - - per gross 3.50

PACKAGE.

No. 017—⅝×4½ in., light, - - - per gross $ 7.60
No. 018—⅝×6 in., light, - - - " 9.50
No. 019—⅝×5 in., heavy, - - - " 11.40
No. 020—⅝×7 in., heavy, - - - " 15.18
No. 021—⅝×9 in., heavy, - - - " 19.00
ONE-QUARTER GROSS IN A BOX.

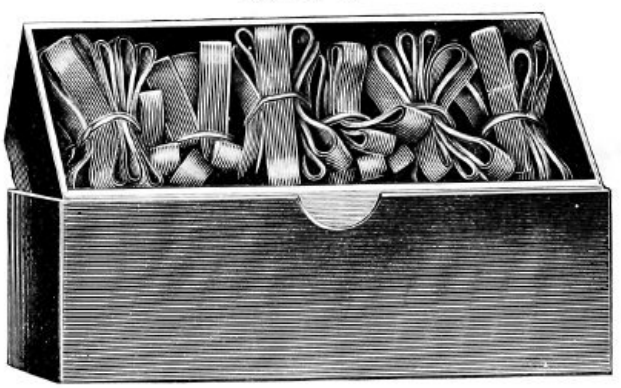
THREAD.



No. 11.

No. 8— ⅞ in. long, - - - per dozen boxes $2.22
No. 9—1 in. long, - - - " " 2.42
No. 10—1¼ in. long, - - - " " 2.54
No. 11—1½ in. long, - - - " " 2.84
No. 12—1⅝ in. long, - - - " " 3.16
No. 13—1¾ in. long, - - - " " 3.50
No. 14—2 in. long, - - - " " 3.80
No. 15—2¼ in. long, - - - " " 4.12
No. 16—2½ in. long, - - - " " 4.44
No. 17—2¾ in. long, - - - " " 4.76
No. 18—3 in. long, - - - " " 5.06
No. 19—3½ in. long, - - - " " 5.70
ONE GROSS IN A BOX. TWELVE GROSS IN A CARTON.
¼ lb. Boxes, any size, - - - - per pound $6.00

HEAVY.



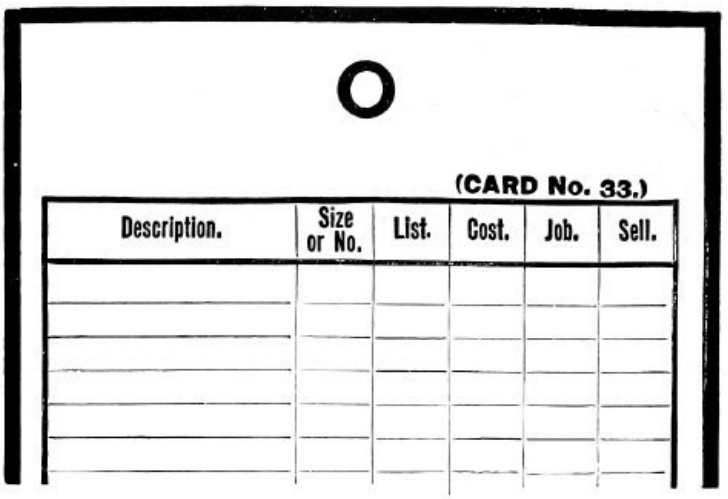
No. 01.

No. 27—⅛×1¼ in., - - - - - per gross $0.64
No. 28—⅛×1⅜ in., - - - - - " .78
No. 29—⅛×1½ in., - - - - - " .82
No. 30—⅛×2 in., - - - - - " .88
No. 31—⅛×2½ in., - - - - - " 1.02
No. 32—⅛×3 in., - - - - - " 1.14
No. 33—⅛×3½ in., - - - - - " 1.28
No. 01—¼×2 in., - - - - - " 1.28
No. 02—¼×2½ in., - - - - - " 1.58
No. 03—¼×3 in., - - - - - " 1.92
No. 04—¼×3½ in., - - - - - " 2.22
No. 05—⅜×2 in., - - - - - " 1.92
No. 06—⅜×2½ in., - - - - - " 2.22
No. 07—⅜×3 in., - - - - - " 2.54
No. 08—⅜×3½ in., - - - - - " 2.86
No. 09—½×2 in., - - - - - " 2.54
No. 010—½×2½ in., - - - - - " 3.18
No. 011—½×3 in., - - - - - " 3.82
No. 012—½×3½ in., - - - - - " 4.46
No. 013—¾×2 in., - - - - - " 3.82
No. 014—¾×2½ in., - - - - - " 4.46
No. 015—¾×3 in., - - - - - " 5.06
No. 016—¾×3½ in., - - - - - " 5.70
ONE GROSS IN A BOX. TWELVE GROSS IN A CARTON.
¼ lb. Boxes, any size, - - - - - per pound $6.00

HARDWARE PRICE CARDS.

Light Strap Hinges.				
Length inches.	List per Doz. Pairs.	Cost.	Job.	Sell Pair.
3				
4				
5				
6				

Full Size Section of No. 18.



O

(CARD No. 33.)

Description.	Size or No.	List.	Cost.	Job.	Sell.

Full Size Section of Nos. 32 and 33.

Mounted on Heavy Cardboard, Cloth Bound, Printed on Both Sides.

No. 1—5½×18 in., bar iron, weight of round, square and flat, per foot and tire per set. Western classification and prices of extras on American, Norway and Swedes, on one side. Bar steel, all kinds and sizes; with prices of extras, horse and mule shoes, size, weight, number in keg; toe calks, cut nails, list of extras, on reverse side, - - - - - - - - - each $0.35

No. 4—6×16 in., wood screws and machine screws, - - - - - - - - - - - - " .30

No. 5—3×13½ in., standard carriage bolts and plow bolts, - - - - - - - - - - - - " .25

No. 6—3×13½ in., machine bolts, standard tire bolts, round and flat head stove bolts, - - - - - - - - " .25

No. 7—3×13½ in., Philadelphia carriage bolts, and tire bolts, - - - - - - - - - - - " .25

No. 8—3×13½ in., square and hexagon nuts, wrought washers, size of bolt, size of hole, width, thickness, number in 100 lbs., coach or lag screws, Superior and Norway axle clips, - - - - - - - - - - - - - - each .25

No. 15—7×15 in., files, bastard, mill, flat, hand, half round, round, square, knife, warding, second cut, mill, flat, hand, half round; smooth, flat and hand; smooth, half round, round, cabinet, pit saw, hook tooth, gin saw, band saw, cant taper; stubs' taper; rasps, cabinet, wood, shoe, horse, - - - - - - - - - - - - - - - - - - - each .35

No. 18—3×13½ in., hinges, strap, light and heavy T, light, heavy and extra heavy, hinge hasps, screw hook and strap, on one side. Screw hook and eye hinges, barn door hangers, barn door stay rollers, rail, pulls, latches, sliding door rail on reverse side, each .25

No. 26—7×22 in., pieced and stamped tinware, alphabetically arranged, - - - - - - - - - - " .40

No. 31—6×22 in., length and number of nails to the pound, number of feet in a bundle of hoop, scroll and band iron, number of feet of wire in a pound; coil or cable chain, weight per 100 ft. and proof in tons; bright coil and halter chain and corresponding number of wire; sash weights and lines required for common sized windows, on one side; miscellaneous tables, showing number of copper rivets and burs in a pound; sizes of skates compared with shoes; scale beams, poise or weight needed for each; brass kettles, size, weight and capacity; strap and T hinges, weight and number packed in a barrel; comparative numbers of leading makers of rules and levels; manila rope, feet in a pound, weight of coils, breaking strain, etc., on reverse side, - - - - - each .40

No. 32—4×14 in., is adapted for filling in with any line of goods; it is ruled both sides with columns headed respectively, "Description," "Size or No.," "List," "Cost," "Job," "Sell" (see cut), - - - - - - - - - - each .15

No. 33—4×7 in., same as No. 32, but half size, for smaller lines of goods (see cut), - - - - - - - - " .08

No. 34—5½×9½ in., wire nails, exact size cuts; list prices and number in a pound, - - - - - - - - " .25

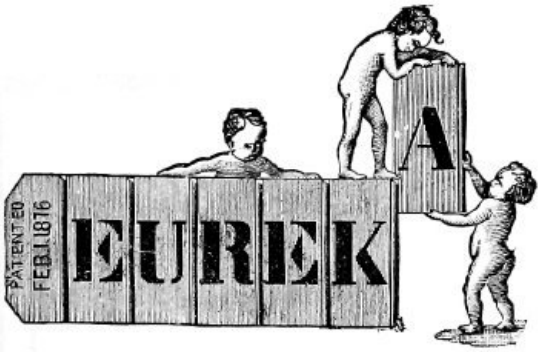
No. 35—5½×9½ in., gas pipe, black and galvanized—list prices, weight per foot, and number threads per inch of screw; also malleable pipe fittings, illustrated, on one side; reverse side is ruled similar to No. 32, and is adapted for any line of goods, - - each .25

No. 39—5½×9½ in., handles, illustrated—auger, cross-cut saw, axe, broad axe, adze, hatchet, hammer, pick, sledge, on one side; reverse side is ruled similar to No. 32, and is adapted for any line of goods, - - - - - - - - - each .25

No. 40—5½×9½ in., wire cloth and netting, illustrated—plain, painted and galvanized on one side; reverse side is ruled similar to No. 32, and is adapted for any line of goods, - - - - - - - - - - - - each .25

These cards cover the lines in hardware, tools and house furnishing goods, having a large variety of sizes or numbers, save marking each package or article in retail stores. They are printed in distinct type, on good paper, appropriately ruled with blue cross lines, and red down rulings, for noting in pencil—list, cost, jobbing and selling prices. Mounted on both sides of tough, heavy cardboard, specially adapted for this use, protected on the edges by being cloth bound, which saves framing.

REESE'S ADJUSTABLE STENCILS.



1½ inch. 1 inch. ¾ inch. ½ inch.

LETTERS.

Alphabets of Thirty-three Pieces, in Box, as Follows: Twenty-six Letters of the Alphabet, also &, Beginner, Ender, Period, Apostrophe, Comma, and Blank.

Size,	½	¾	1	1½	2	2½ in.
Per set,	$0.65	.70	.80	1.00	1.40	2.00

FIGURES.

Figures of Fifteen Pieces, in Box, as Follows: One Each, 1, 2, 3, 4, 5, 6, 7, 8, 9, 0, $ Mark, Cent Mark, Period, Beginner and Ender.

Size,	½	¾	1	1½	2	2½ in.
Per set,	$0.25	.30	35	45	.65	.95

LETTERS AND FIGURES.

One Alphabet and One Set Figures, in Box, with Ink and Brush.

Size,	½	¾	1	1½	2	2½ in.
Per set,	$1.00	1.20	1.40	1.60	2.20	3.00

LETTERS OR FIGURES IN BULK.

Size,	½	¾	1	1½	2	2½ in.
Per 100,	$2.50	3.00	4.00	5.00	6.00	8.00

STENCILS IN FONTS.

Two A Fonts, Fifty-five Pieces, all Letters, in Box, with Ink and Brush.

Nos.	1	2	3	4
Size,	½	¾	1	1½ in.
Per box,	$1.25	1.40	1.50	1.85

Two A Fonts, Seventy Pieces (Fifty-five Letters and Fifteen Figures), in Box, with Ink and Brush.

Nos.	5	6	7	8
Size,	½	¾	1	1½ in.
Per box,	$1.55	1.70	1.90	2.30

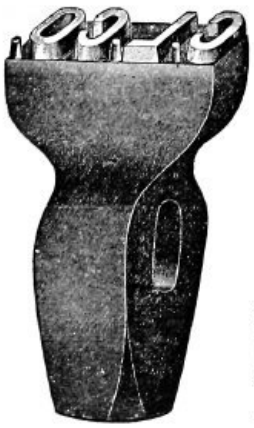
Three A Fonts, Seventy Pieces, all Letters, in Box, with Ink and Brush.

Nos.	9	10	11	12
Size,	½	¾	1	1½ in.
Per box,	$1.55	1.70	1.90	2.30

Three A Fonts, Ninety Pieces (Seventy Letters and Twenty Figures), in Box, with Ink and Brush.

Nos.	13	14	15	16
Size,	½	¾	1	1½ in.
Per box,	$1.95	2.15	2.35	2.85

STEEL LOG STAMPS.



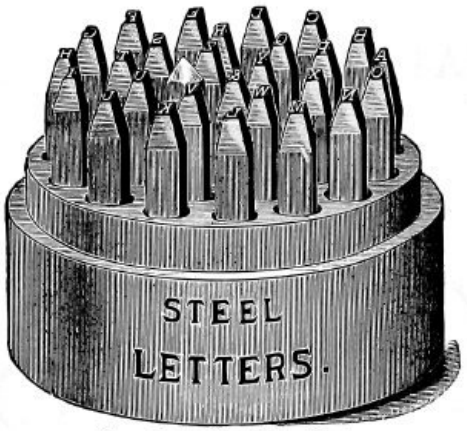
Best Steel, Made in Letters or Stars, for Marking Ends of Logs, Timber, Etc.

Size,	¾	1	1¼	1½ in.
Per letter,	$1.00	1.35	1.60	2.25
Borders,	1.25	1.35	1.60	2.25

Additional for Steel Forging, per pound $0.75

The above stamps are for marking the ends of logs. Stamps for cutting side of logs are made sharp face, and must be expressly mentioned when for that purpose. The steel forging is always charged in addition to the cost of lettering.

STEEL LETTERS AND FIGURES.



Standard Machine Made.

No. 100, -	1/16	1/8	3/16	1/4	5/16	3/8 in.
Letters or Figures, each	$0.15	.15	.18	.20	.25	.35
Figures, - per set	1.50	1.50	2.00	2.50	3.00	3.50
Letters, - "	4.50	4.50	6.00	7.50	9.00	10.50

Chicago Machine Made.

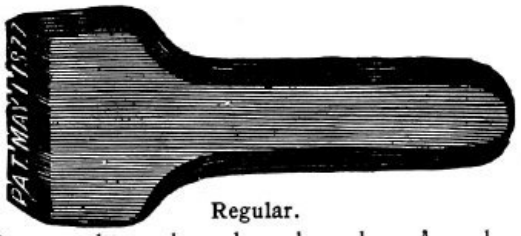
No. 110, - -	1/32	1/24	1/20	1/16	1/12	3/32 in.
Figures, - per set	$1.25	1.25	1.25	.90	.90	.90
Letters, - "	3.75	3.50	3.50	2.75	2.75	2.75
No. 110, - -	1/10	1/8	5/32	3/16	7/32	1/4 in.
Figures, - per set	$0.90	.90	1.25	1.25	1.50	1.50
Letters, - "	2.75	2.75	3.50	3.75	4.50	4.50
No. 110, - - -	- -	5/16	3/8	7/16	1/2 in.
Figures, - - -	per set	$1.75	2.50	3.50	4.50
Letters, - - -	"	5.25	7.50	10.50	13.50

Hand Made.

No. 120, - -	1/32	1/24	1/20	1/16	1/12	3/32 in.
Figures, - per set	$2.50	2.00	1.75	1.50	1.50	1.50
Letters, - "	7.50	6.00	5.25	4.50	4.50	4.50
No. 120, - -	1/10	1/8	5/32	3/16	7/32	1/4 in.
Figures, - per set	$1.50	1.50	1.75	2.00	2.25	2.50
Letters, - "	4.50	4.50	5.25	6.00	6.75	7.50
No. 120, - - -	- -	5/16	3/8	7/16	1/2 in.
Figures, - - -	per set	$3.00	3.50	4.50	5.00
Letters, - - -	"	9.00	10.50	13.50	15.00

A set of letters consist of twenty-six letters, character & and period. A set of figures consists of nine pieces, 1, 2, 3, 4, 5, 6, 7, 8, 0, the 6 being used also for the figure 9.

STEEL STAMPS.



Regular.

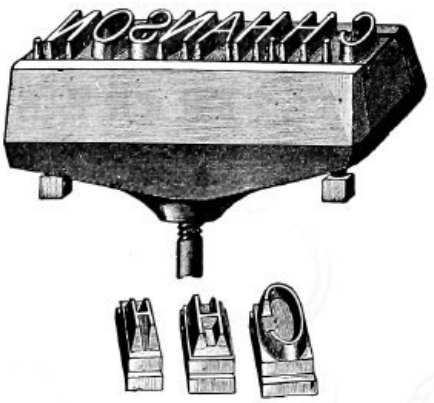
No. 130, -	1/32	1/24	1/20	1/16	1/12	3/32	1/16	1/8 in.
Per letter, -	$0.30	.25	.20	.15	.15	.15	.15	.15
No. 130, -	5/32	3/16	7/32	1/4	5/16	3/8	7/16	1/2 in.
Per letter, -	$0.18	.20	.25	.30	.35	.45	.55	.60

Initial.

No. 140, -	1/16	1/12	3/32	1/10	1/8	5/32	3/16 in.
Per letter, -	$0.20	.20	.20	.20	.20	.23	.25
No. 140, - -	7/32	1/4	5/16	3/8	7/16	1/2 in.
Per letter, - -	$0.31	.38	.44	.56	.69	.75

Special hand-made stamps made to order; always state size and for what purpose the stamps are to be used.

BURNING BRANDS.



Removable Letters, for Branding Boxes, Tools and Farming Implements.

No. letters,	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
¼ in., - each	$0.70	.85	1.00	1.00	1.15	1.30	1.45	1.60
⅜ in., - "	.70	.85	1.00	1.00	1.20	1.40	1.60	1.80
½ in., - "	.70	.85	1.00	1.00	1.25	1.50	1.75	2.00

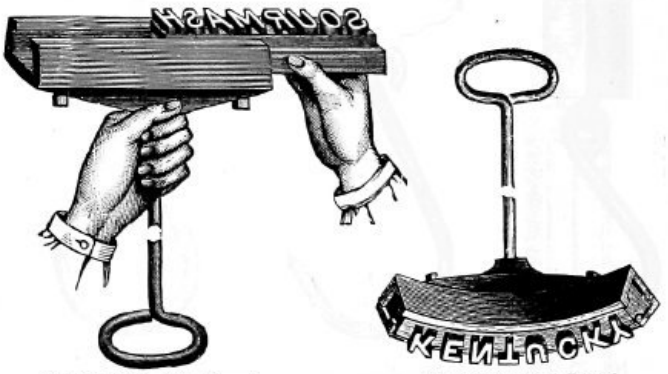
No. letters, - -	**9**	**10**	**11**	**12**	**13**	**14**	**15**
¼ in., - - each	$1.75	1.90	2.05	2.20	2.35	2.50	2.65
⅜ in., - - "	2.00	2.20	2.40	2.60	2.80	3.00	3.20
½ in., - - "	2.25	2.50	2.75	3.00	3.25	3.50	3.75

SINGLE LETTERS OR FIGURES.

Size, - - -	¼	⅜	½ in.
Each, - -	$0.08	.09	.10

Periods can be furnished at one-half the above lists.

These letters, figures and periods are the same width at base and will fit all holders.



Showing Straight Brand. Showing Curved Brand.

Straight or Curved, Especially Adapted for Branding Barrels, Boxes, Etc.

No. letters,	**1**	**2**	**3**	**4**	**5**	**6**	**7**
¾ in., each	$1.00	1.40	1.70	2.00	2.50	2.75	3.25
1 in., "	1.25	1.65	1.85	2.30	3.00	3.20	3.90
1¼ in., "	1.25	1.75	2.00	2.50	3.25	3.50	4.25

No. letters,	**8**	**9**	**10**	**11**	**12**	**13**	**14**
¾ in., each	$4.00	4.50	4.75	5.00	5.25	5.50	5.75
1 in., "	4.10	4.80	5.00	5.70	5.90	6.60	6.80
1¼ in., "	4.50	5.25	5.50	6.25	6.50	7.25	7.50

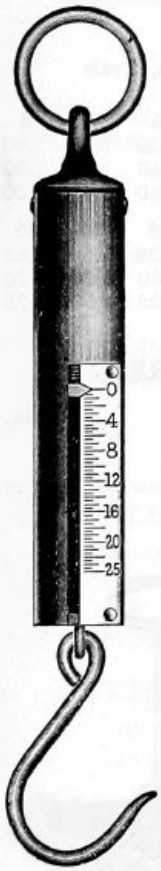
Be sure to specify in order whether straight or curved brand is wanted.

SEPARATE LETTERS OR FIGURES.

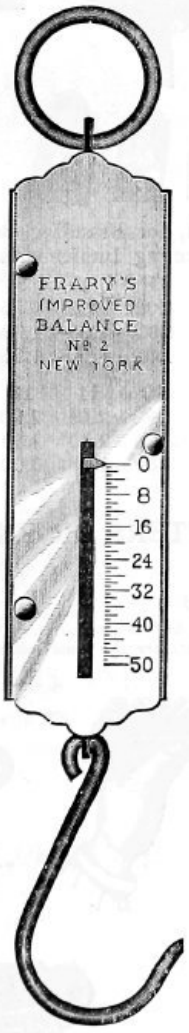
Size, - - -	¾	1	1¼ in.
Each, - -	$0.20	.25	.30

Periods can be furnished at one-half the above lists.

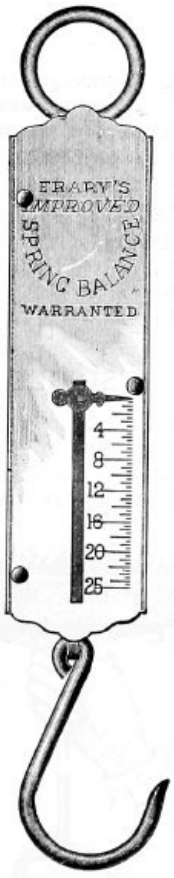
FRARY'S SPRING BALANCES.



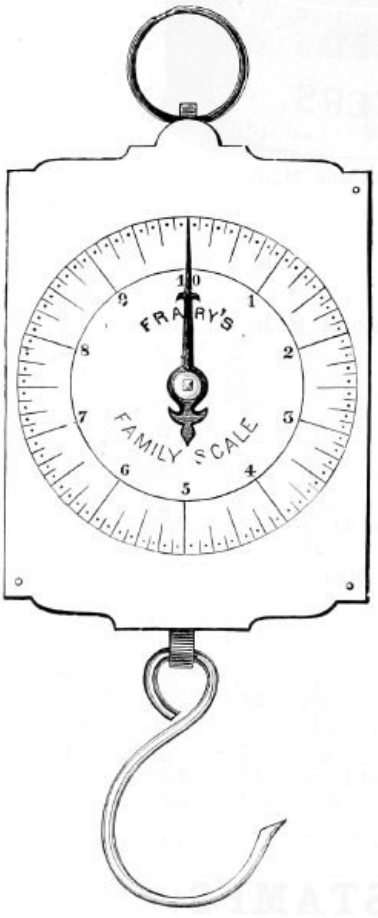
No. 70.



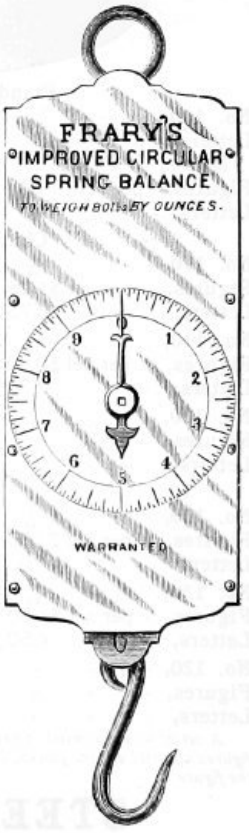
Nos. 50 and 51.



Nos. 81 and 84.



No. 75.



Nos. 120 and 121.

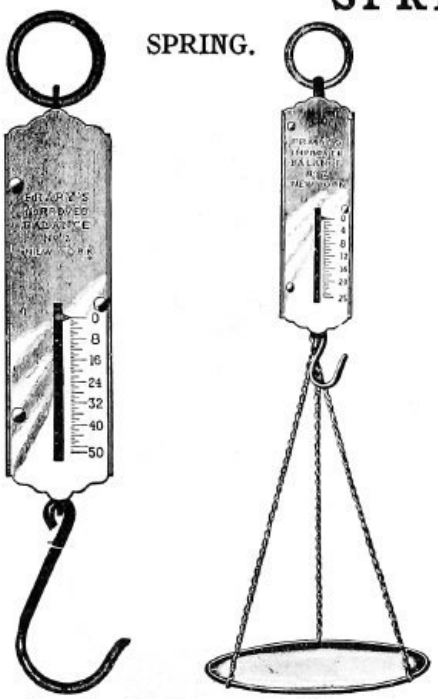
Brass Face, Black Figures, Japanned Case, with Hook and Ring.

No. 70—Round, capacity 25 lbs. × ½ lb., length 5 in., weight per dozen 3½ lbs.,	per dozen $	4.00
No. 50—Light, straight, capacity 25 lbs. × ½ lb., length 5 in., weight per dozen 4 lbs.,	"	1.60
No. 51—Light, straight, capacity 50 lbs. × 1 lb., length 6 in., weight per dozen 8 lbs.,	"	3.00
No. 81—Heavy, straight, capacity 25 lbs. × ½ lb., length 6 in., weight per dozen 8 lbs.,	"	4.00
No. 84—Heavy, straight, capacity 50 lbs. × 1 lb., length 8 in., weight per dozen 9 lbs.,	"	8.00
No. 75—Family, capacity 20 lbs. × 1 oz., length 6 in., weight per dozen 24 lbs.,	"	42.00
No. 120—Improved, capacity 30 lbs. × 1 oz., length 11 in., weight per dozen 24 lbs.,	"	66.00
No. 121—Improved, capacity 60 lbs. × 2 oz., length 11 in., weight per dozen 48 lbs.,	"	81.00

NO. 50, ONE DOZEN; NOS. 70, 51 AND 81, HALF DOZEN; BALANCE, ONE QUARTER DOZEN IN A BOX.

SPRING AND ICE BALANCES.

SPRING.



Nos. 50 and 51. No. 52.

Frary's, Brass Face, Black Figures, Straight Japanned Case, with Heavy Hook and Ring.

No. 50—Light case, capacity 25 lbs.× ½ lb., length over all 8¼ in., w't per doz. 3 lbs.....per dozen $1.60

No. 51—Heavy case, capacity 50 lbs. × 1 lb., length over all 10¼ in., w't per doz. 9 lbs.....per dozen 3.00

No. 52—With 9 in. round tin dish, otherwise same as No. 50, w't per doz. 9 lbs., per dozen..... 4.00

NO. 50, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

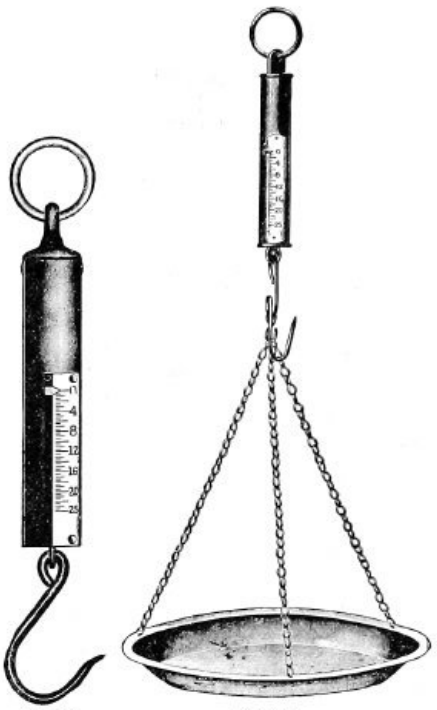
Frary's, Brass Face, Black Figures, Japanned Case, with Hook and Ring.

No. 81—Light case, straight, capacity 25 lbs. × ½ lb., length over all 10 in., w't per doz. 4 lbs. .....per dozen $4.00

No. 84—Heavy case, straight, capacity 50 lbs. × 1 lb., length over all 13¼ in., w't per doz. 12 lbs.....per dozen 8.00

NO. 81, HALF DOZEN; NO. 84, ONE-QUARTER DOZEN IN A BOX.

SPRING.



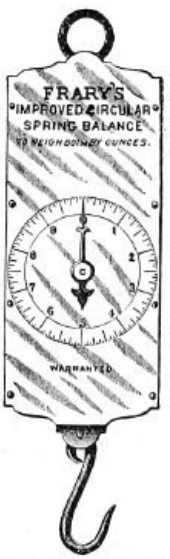
No. 70. No. 71.

Frary's, Round Brass Face, Black Figures, Japanned Case, with Hook and Ring

No. 70—Capacity 25 lbs.× ½ lb., length over all 9 in., w't per doz. 3 lbs., per dozen..... $4.00

No. 71—Heavy case, with 9 in. round tin dish, otherwise same as No. 70, w't per doz. 12 lbs.....per dozen 7.00

HALF DOZEN IN A BOX.



Frary's, Brass Face, Black Figures, Circular Dial, Japanned Case, with Hook and Ring.

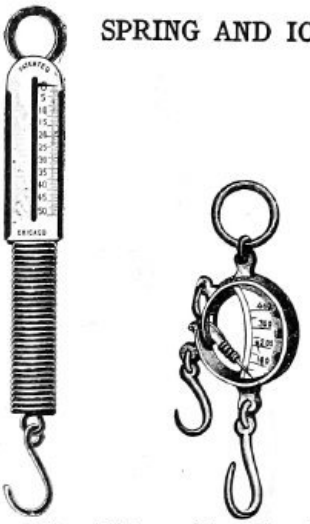
No. 120—IMPROVED, heavy case, capacity 30 lbs.×1 oz., length over all 15½ in., w't per doz. 36 lbs.....per dozen $66.00

No. 121—IMPROVED, light case, capacity 60 lbs.,×2 oz., length over all 18 in., w't per doz. 24 lbs.....per dozen 81.00

Each 20 lbs. is marked on the slide.

ONE-TWELFTH DOZEN IN A BOX.

SPRING AND ICE.



Nos. 50P to 210P. Nos. 500 and 550.

Pelouze Spring Brass Face, Straight, Japanned Steel Case and Heavy Steel Spring.

Nos.	50P	100P	150P	210P	
Capacity	50×½	100×1	150×1	210×2	lbs.
Lgth over all.	11	18	17	19	in.
W't per doz.	6	18	18	24	lbs.
Per dozen	$8.00	24.00	30.00	42.00	

German, Ice, Crab, Polished Steel Spring, Brass Dial, Graduated on Both Sides, Length Over All, 11 Inches.

No. 500—Capacity 300 lbs.×20 lbs. on one side, 35×5 lbs. on the other side, w't per doz. 10 lbs.....per dozen $12.00

No. 550—Capacity 350 lbs.×20 lbs. on one side, 35 lbs.×5 lbs. on the other side, w't per doz. 10 lbs.....per dozen 12.00

HALF DOZEN IN A BOX.

ICE.

No. 302. Nos. 150 to 400.

No. 302—EXCELSIOR, heavy iron case and heavy steel spring, capacity 200 lbs.× 5 lbs., length over all 14 in., w't per doz. 42 lbs.....per dozen $54.00

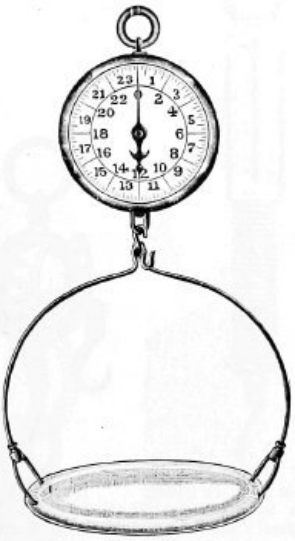
Pelouze's, Steel King, Long Brass Dial, Black Figures, Heavy Steel Case, with Heavy Hook and Ring, Length over all 15½ Inches.

Nos.	150	200	300	400	
Capacity	150×1	200×2	300×5	400×5	lbs.
W't per doz.	50	52	52	53	lbs.
Per dozen	$60.00	63.00	66.00	69.00	

ONE IN A BOX.

BUTCHERS' BALANCES.

PELOUZE.



No. 225.

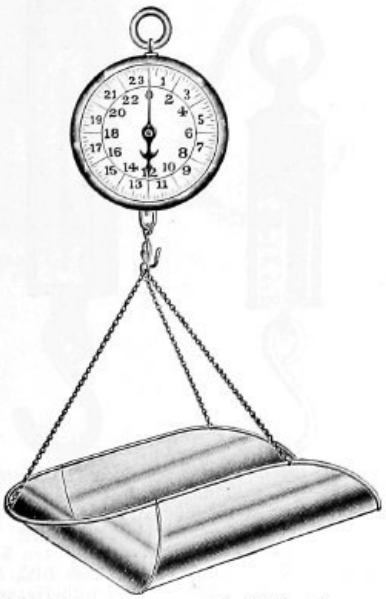
Pan of the No. 225C.

Champion, 5¾ in. Circular Adjustable Brass Dial, Black Figures, Japanned Case, Nickel Trimmings, with Hook and Ring.

No. 225.—Capacity 25 lbs.×1 oz., with 11 in. white enameled steel pan, w't 3 lbs.....each $4.25

No. 225C—With 9×11 in. oblong tin pan, otherwise same as No. 225.....each 4.50

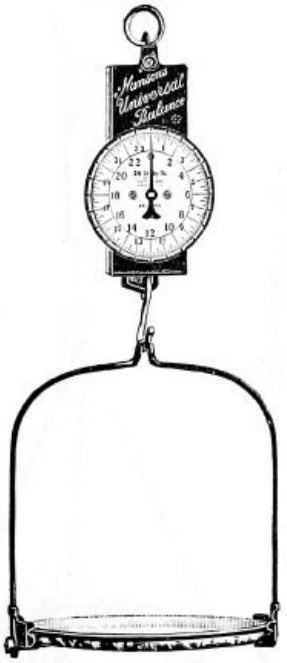
ONE IN A BOX.



No. 225S—CHAMPION, capacity 25 lbs.× 1 oz., 5¾ in. circular brass dial, with large black figures, adjustable, japanned steel case, nickel trimmings, with hook, ring and large heavily bound tin scoop, w't 3¼ lbs.....each $4.75

ONE IN A BOX.

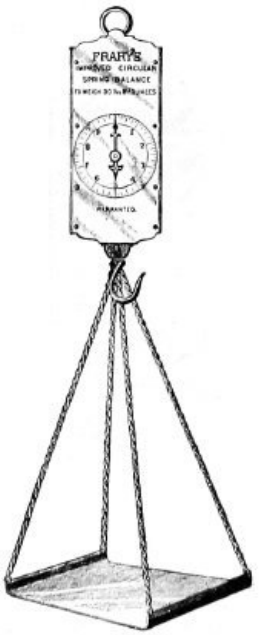
HANSON'S.



No. 16—UNIVERSAL IMPROVED, capacity 24 lbs.×1 oz., steel case, 5¼ in. adjustable white enameled circular dial, large blue figures, 10 in. porcelain enameled pan, w't 2½ lbs.....each $2.50

ONE IN A BOX.

FRARY'S.



No. 127—Capacity 60 lbs. ×2 oz., brass face, circular dial, japanned iron case, with hook, ring and 11×11 in. square tin dish, w't 6 lbs.....each $7.50

Each 20 lbs. is marked on the slide.

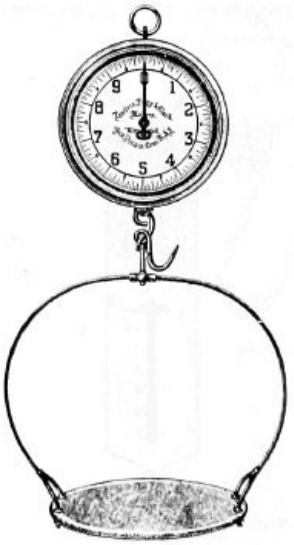
ONE IN A BOX.

FRARY'S.

No. 0141—Capacity 60 lbs.×2 oz., 7 in. glass covered dial, japanned iron case, steel face, brass bow with swivel and hook, heavy ring and 13 in. round tin dish, w't 6 lbs.....each $10.50

Each 20 lbs. is marked on the slide.

ONE IN A BOX.



10-inch Nickel Plated Sash, Glass Covered Enameled Dial, 13 inch Porcelain Pan, Nickel Plated Bows.

No. 0030P—Capacity 30 lbs.×1 oz, 8 in. *single* dial, w't 9½ lbs.....each $10.00

No. 0060P—Capacity 60 lbs.×2 oz, 8 in. *single* dial, w't 9½ lbs.....each 11.00

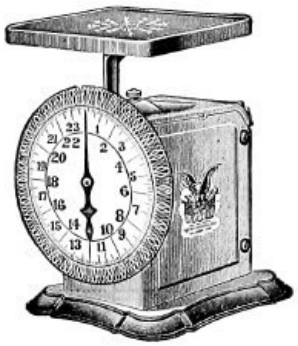
No. 0030PD—Capacity 30 lbs.×1 oz, 8 in. *double* dials, w't 11 lbs.....each 15.00

On the Nos. 0030P and 0030PD balances each 10 lbs. is marked on the slide, on the No. 0060P each 20 lbs. is marked on the slide.

ONE IN A BOX.

PELOUZE SCALES.

FAMILY.



No. E90—Capacity 24 lbs. × 1 oz., steel construction, handsomely japanned and striped, 6 in. silver finished dial, 6×6 in. steel platform, w't 4 lbs., each.. $1.75

This is a very popular family scale.

ONE IN A BOX.

No. T90—Capacity 24 lbs. × 1 oz., steel construction, handsomely japanned, 6 in. silver finished dial, large tin scoop supported on a forked standard, w't 4½ lbs.....each $1.88

A convenient scale for the kitchen.

ONE IN A BOX.

No. T95—Capacity 24 lbs. × 1 oz., steel body, 6×6 in. steel platform, large tin scoop resting on platform, 6 in. silver finished dial, w't 5 lbs.....each $2.15

This is a very handy scale, as it has both platform and scoop.

ONE IN A BOX.

FAMILY.

No. 90½—Capacity 24 lbs. × 1 oz., steel construction, 6×6 in. tile platform, beautifully japanned and decorated, 6 in. silver finished dial, w't 4½ lbs., each.. $2.00

No. 92½—5¼ in. brass dial, otherwise same as No. 90½ .....each 2.25

A very strong and serviceable scale.

ONE IN A BOX.

CONFECTIONERY.

No. 82P—VIENNA, capacity 4 lbs. × ½ oz., steel frame and body, japanned in black, silver striped, brass mountings, with brass scoop, supported by two forked uprights, or standards, w't 2¼ lbs.....each $4.00

No. 84P—Nickel plated throughout, otherwise same as No. 82 .....each 5.00

These are very handsome and popular scales.

ONE IN A BOX.

No. 04½—PETITE, capacity 4 lbs. × ½ oz., steel frame and body, beautifully nickel plated throughout, brass dial and scoop, w't 2 lbs.....each $4.00

A very sensitive and accurate scale for weighing candies, tea, coffee, spice, etc.

ONE IN A BOX.

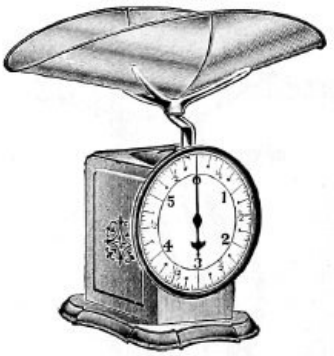
CONFECTIONERY.

No. T690—Capacity 6 lbs. × ½ oz., steel frame and body, with large tin scoop supported by a forked standard, very accurate, w't 4½ lbs.....each $2.40

No. B690—With brass scoop, otherwise same as No. T690.....each 2.90

These scales are adapted to weighing candies, teas, coffees, tobacco, drugs, etc.

ONE IN A BOX.



No. 6C—Capacity 6 lbs. × ½ oz., steel body and frame, nickel plated throughout, large brass dial, with very distinct figures, brass scoop, supported on a forked standard, w't 4½ lbs.....each $4.00

Especially designed for the weighing of candies, seed, tobacco, drugs, etc.

ONE IN A BOX.

BABY.

No. 30N—IDEAL, capacity 24 lbs. × 1 oz., steel construction, handsomely enameled in blue, large silver finished dial, with gold border, natural willow basket, which can instantly be removed, w't 5 lbs.....each $5.00

This scale is indispensable to the household, especially adapted for weighing babies.

ONE IN A BOX.

PELOUZE SCALES.

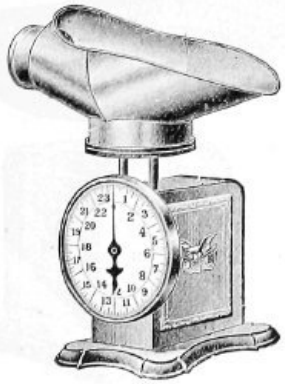
COUNTER.

No. T18—STANDARD, capacity 24 lbs.× 1 oz., steel frame and fittings, 5¾ in. brass dial with distinct figures, large tin scoop resting on a steel platform, supported by two uprights, which assure double strength, beautifully japanned and striped, w't 5 lbs.....each $4.25
A high grade counter scale for stores or general use.

ONE IN A BOX.

No. T88—DOMESTIC, capacity 24 lbs.× 2 oz., steel construction throughout, handsomely black japanned and striped, nickel plated, brass dial, with plain distinct figures, large polished tin scoop resting on platform supported by two standards or uprights, w't 5 lbs...each $4.50
A very handy scale, adapted to the kitchen

ONE IN A BOX.



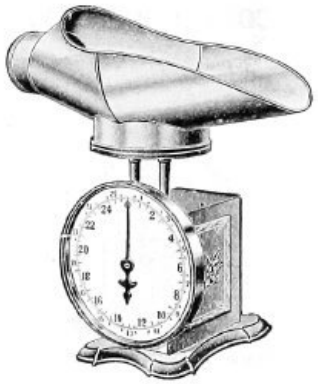
No. B39—Capacity 24 lbs.×1 oz., steel construction throughout, beautifully japanned and striped, heavy brass funnel scoop, resting on platform supported by two uprights, 5¾ in., brass dial, with brass sash, w't 9 lbs....each $5.50
A very serviceable scale, adapted for general use in stores.

ONE IN A BOX.

COUNTER.

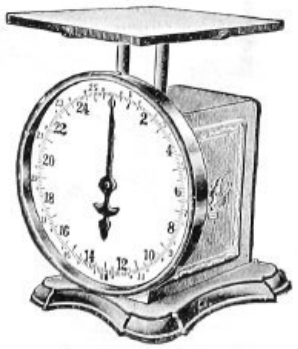
No. B96—Capacity 26 lbs.×1 oz., steel construction, beautifully japanned and striped, nickel trimmings, 7½ in. glass covered dial with heavy sash, double steel uprights, brass scoop, w't 13 lbs., each..... $6.50
A very strong, serviceable, accurate and popular counter scale.

ONE IN A BOX.



No. B40—GROCER, capacity 26 lbs.× 1 oz., steel construction throughout, japanned and striped, nickel trimmings, 7½ in. glass covered dial with nickeled rim, doubled steel uprights or standards, with a heavy brass funnel scoop, w't 13 lbs.....each $7.50
A well appearing counter scale, adapted to the grocery.

ONE IN A BOX.



No. 97—MARKET, capacity 26 lbs.×1 oz., steel construction throughout, beautifully japanned and striped, nickel trimmings, heavy marble top, which is removable, 7½ in. glass covered dial, with plain figures, double steel uprights, w't 13 lbs.....each $7.50
These are adapted as a market or counter scale.

ONE IN A BOX.

COUNTER.

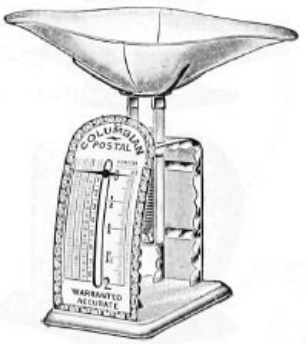
No. 18½—IMPROVED, capacity 25 lbs× 1 oz., steel frame and fittings throughout, beautifully japanned in black, special glazed tile top or platform, large brass dial with distinct black figures, the platform is supported by two uprights or standards, assuring distribution of weight, w't 6 lbs.....each $4.00
A suitable scale for weighing dairy products.

ONE IN A BOX.

CONFECTIONERY.

No. 86—IMPERIAL, computing confectionery, capacity 2 lbs.×½ oz., large upright enamel dial, steel construction throughout, beautifully nickel plated with a polished brass scoop, w't 2 lbs.....each $6.00
This scale is warranted to accurately compute the cost of any merchandise in money from 5 cents to 60 cents per pound.

ONE IN A BOX.

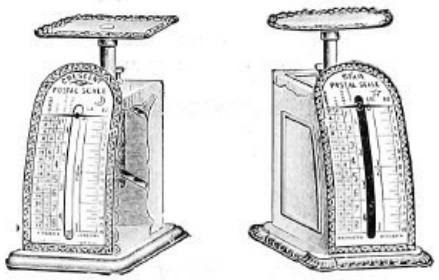


No. 80—COLUMBIAN, capacity 2 lbs.× ½ oz., adapted to weighing candy, spices, packages, letters, books, etc., steel construction and handsomely nickel plated throughout, with a one piece nickel plate scoop, w't 1½ lbs....each $3.75
This is a very useful scale, as it is adapted to postal or confectionery uses.

ONE IN A BOX.

SCALES.

PELOUZE POSTAL.



No. 60. No. 62.

For Library or Desk.

No. 60—CRESCENT, capacity 1 lb. × ½ oz., steel construction, beautifully nickel plated, strong spring, very accurate, 3 in. high, w't 4 oz. ..... each $1.34

No. 62—STAR, capacity 1 lb. × ½ oz., steel construction, beautiful gun metal finish, accurate and sensitive, spring encased, 3 in. high, w't 5 oz. ..... each 2.00

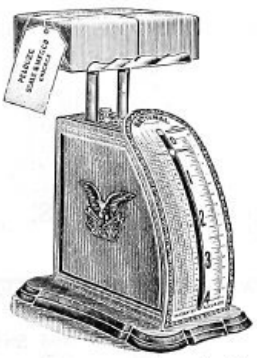
These scales compute the cost of postage instantly, in cents, on letters, books, packages, newspapers, etc. Very neat, attractive and serviceable.

ONE IN A BOX.

No. 77—UNION, capacity 2½ lbs. × ½ oz., steel construction throughout, handsomely japanned in black, beautifully decorated, very accurate, weighs by ½ oz. for foreign postage, 6½ in. high, w't 1 lb ..... each $3.30

A neat, substantial, accurate, serviceable scale for office or general use.

ONE IN A BOX.

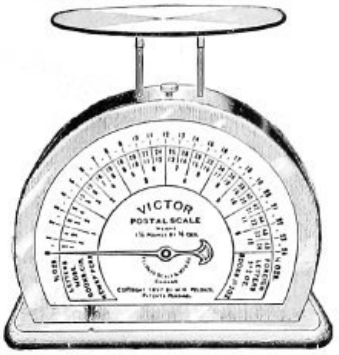


No. 76—NATIONAL, capacity 4 lbs. × ½ oz., steel construction, beautifully nickel plated throughout, upright dial, weighs by ½ oz. for foreign postage, 7½ in. high, w't 1¼ lbs ..... each $4.00

Having a larger capacity for weighing purposes, these scales are adapted to offices. Accurate, sentive and durable.

ONE IN A BOX.

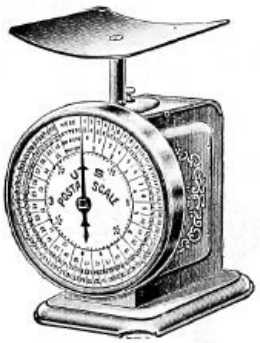
PELOUZE POSTAL.



No. 74—VICTOR, capacity 1½ lbs. × ½ oz., steel construction, handsomely nickel plated, very sensitive and accurate, an ornament to any desk, w't 10 oz. . each $2.70

This scale computes instantly the amount of postage, in cents, on letters, newspapers, packages, etc.

ONE IN A BOX.

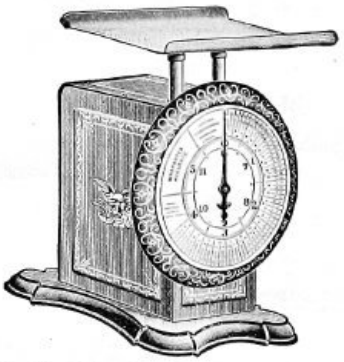


No. 78—U. S., capacity 4 lbs. × ½ oz., steel construction throughout, beautifully nickel plated, very sensitive and accurate, white enamel dial, with nickel plated sash, w't 1¼ lbs. ..... each $3.30

Instantly computes the amount of cents in postage, on letters, books, packages, etc.

ONE IN A BOX.

PELOUZE COMMERCIAL.

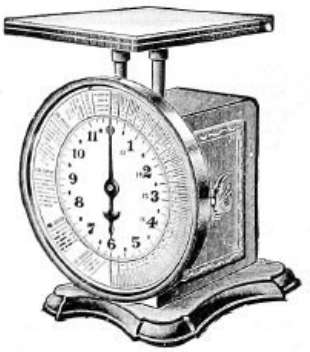


No. 91—Capacity 12 lbs. × ½ oz., steel construction, japanned in black, very strong, sensitive, accurate, and durable, 6 × 6 in. heavy nickel plated top, distinct letters on dial, w't 8½ lbs ..... each $5.00

This scale is adapted to business houses, where large packages are handled through the mails.

ONE IN A BOX.

PELOUZE MAIL AND EXPRESS.

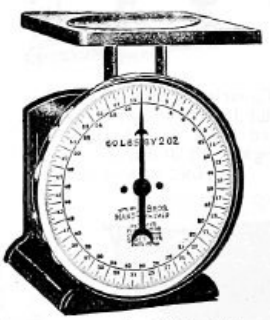


No. 93—Capacity 12 lbs. × ½ oz., constructed of steel, handsomely japanned in black, glass covered dial, nickel plated sash, 6 × 6 in. tile top, a very complete postal scale, w't 11½ lbs., each. $6.50

These scales have a complete set of Postal Laws for different classes, adapted to business houses and express offices.

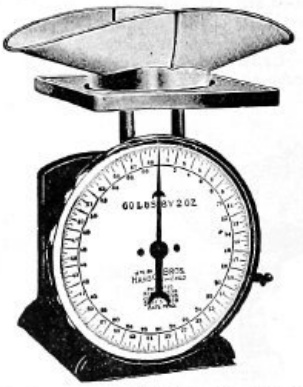
ONE IN A BOX.

U. S. FAMILY AND COUNTER.



No. 61—FAMILY, capacity 60 lbs. × 2 oz., 7 × 7 in. pressed steel top plate, double upright removable steel posts, 8 in. white dial, regulated by turning brass screw on top, constructed of steel throughout, neatly japanned in black, w't 7½ lbs. ..... each $3.50

ONE IN A BOX.

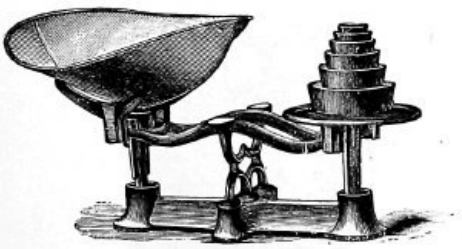


No. 61S—COUNTER, capacity 60 lbs. × 2 oz., constructed of steel, large dial, can be instantly regulated, neatly japanned in black, two upright removable steel posts, with a 16 in. heavy tinned scoop, w't 9½ lbs. ..... each $4.50

ONE IN A BOX.

SCALES, STEELYARDS AND SCALE BEAMS.

TEA SCALES.



No. 161—Capacity 4 lbs. × ½ oz., iron base and frame, chilled iron bearings, japanned black, with ivory tin scoop and weights, w't 11 lbs.....each $1.00

THREE IN A CASE.

HATCH'S COUNTER SCALES.

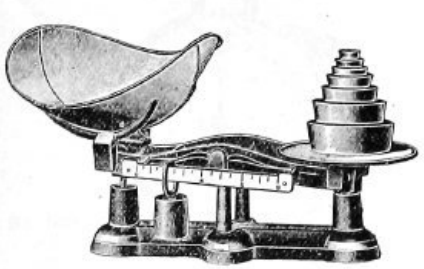
No. 01—Capacity 8 lbs. × ½ oz., iron base and frame, chilled iron bearings, japanned black with heavy tin scoop and weights, w't 30 lbs.....each $2.50

ONE IN A CASE.

No. 42—Capacity 4 lbs. × ½ oz., iron base and frame, semi-steel bearings, japanned red, striped in gold, with large heavy tin scoop and weights, w't 12½ lbs. each $2.50

No. 82S—Capacity 8 lbs. × ½ oz., otherwise same as No. 42, w't 25 lbs....each 4.15

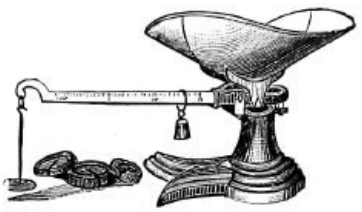
NO. 42, THREE; NO. 82S, ONE IN A CASE.



No. 82—Capacity 4½ lbs. × ⅛ oz., iron base and frame, semi-steel bearings, nickel plated side beam, japanned in red, and striped in gold, with heavy tin scoop and weights, w't 12½ lbs. . . each $3.35

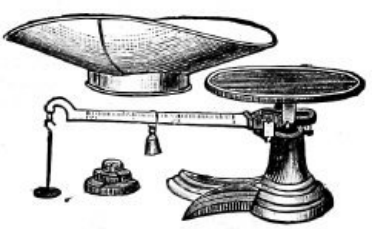
THREE IN A CASE.

COUNTER SCALES.



No. 06 — LITTLE DETECTIVE, capacity 25 lbs. × ¼ oz., japanned base and frame, brass beam, with balance, weights and heavy tin scoop, w't 15 lbs.. each..... $3.25

ONE IN A BOX.



Little Detective, Iron Base and Frame, Brass Beam, Japanned in Black, Capacity 25 lbs. ×¼ oz., with Balance and Weights.

No. 11—*Without* scoop, w't 13 lbs...each $3.00
No. 2—*With* scoop, w't 20 lbs..... " 3.50

ONE IN A BOX.

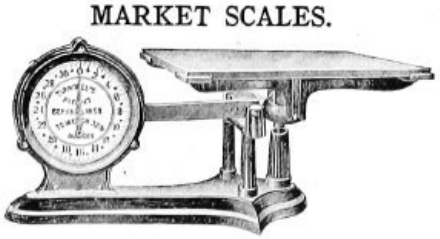
UNION SCALES.

Iron Base, Frame and Platform, Brass Beam, Tin Scoop supported on a Fork, with Poise and Weights, Capacity 240 lbs. × ½ oz.

No. 1—Single beam, black japanned, w't 40 lbs.....each $4.50
No. 7—Double beam, black japanned, w't 42 lbs.....each 5.25
No. 3—H. S. B. & Co.'s single beam japanned in red, beautifully striped, sliding poise, w't 45 lbs.....each 9.00

ONE IN A CASE.

MARKET SCALES.

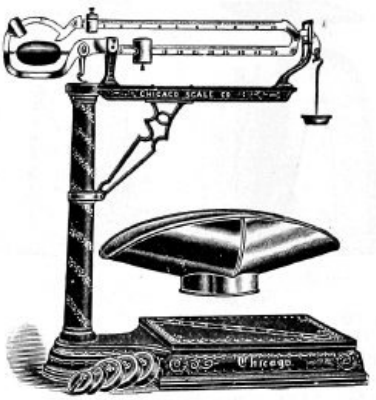


Base and Frame of Iron, Neatly Japanned in Black, Striped in Red and Gold, 11¼×14¼ Inch Marble Slab, 7 Inch Glass Covered Double Dials, with Nickel Plated Sash.

No. 33—Capacity 32 lbs. × 1 oz., w't 45 lbs.....each $16.75
No. 43—Capacity 64 lbs. × 2 oz., w't 46 lbs.....each 18.00

ONE IN A CASE.

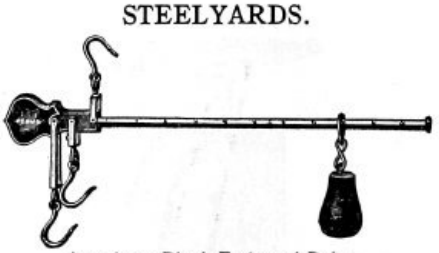
GROCERS' SCALES.



No. C510—CHICAGO, capacity 250 lbs. × ½ oz., platform 10¼×13½ in., frame and platform of iron, japanned in black artistically decorated, with heavy large brass scoop and weights, w't 65 lbs.....each $25.00

ONE IN A CASE.

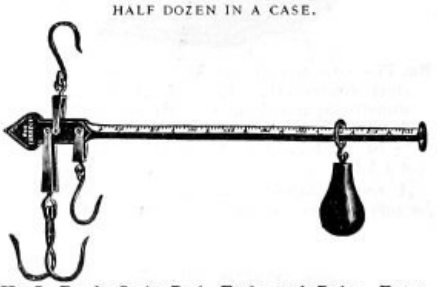
STEELYARDS.



American, Black Ends and Poise.

Pounds	50	100
W't per doz	40	50 lbs.
Per dozen	$6.00	7.00

HALF DOZEN IN A CASE.

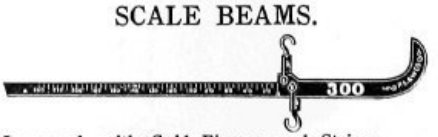


H. S. B. & Co.'s, Red Ends and Poise, Extra Quality, Sealed.

Pounds	50	100	150
W't per doz	41	52	68 lbs.
Per dozen	$9.00	10.00	12.00
Pounds	200	250	300
W't per doz	90	110	115 lbs.
Per dozen	$15.00	18.00	21.00

HALF DOZEN IN A BOX.

SCALE BEAMS.



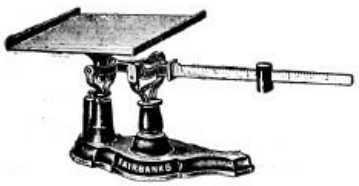
Japanned, with Gold Figures and Stripes.

Pounds	150	200	250
Weight	8	10	14 lbs.
Each	$1.50	1.60	1.90
Pounds	300	400	
Weight	16	22 lbs.	
Each	$2.10	2.90	
Pounds	500	600	
Weight	28	32 lbs.	
Each	$3.50	4.00	

HALF DOZEN IN A BOX.

FAIRBANKS' STANDARD SCALES.

PACKAGE OR POSTAL.

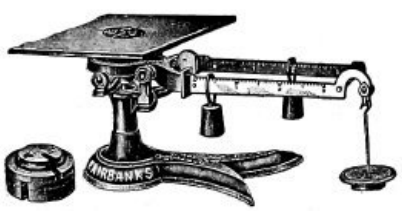


No. 605—Capacity 4 lbs.×1 oz., iron base and frame, brass beam and sliding poise, w't 17 lbs.....each $8.00

These scales are adapted to weighing letters, packages, books, etc., from the smallest unit up wards.

ONE IN A CASE.

BUTTER COUNTER.



Iron Base, Brass Beam, Porcelain Plate, Japanned, with Poise, Balance and Weights.

No. 564—*Single beam*, capacity 23 lbs.× ½ oz., beam 3 lbs.×½ oz., w't 39 lbs.....each $10.50

No. 566—*Double beam*, capacity 23 lbs.× ½ oz., beam 3 lbs.×½ oz., w't 42 lbs., each..... 11.50

These scales are adapted to grocery and delicatessen stores.

ONE IN A CASE.

UNION.

Iron Base and Platform, Black Japanned, Brass Beam, with Deep Graduations, Scoop Supported by a Four Pronged Fork, with Poise and Weights.

No. 500—Single beam, with *tin* scoop, w't 57 lbs.....each $14.00

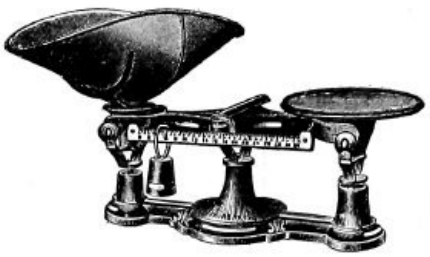
No. 502—Single beam, with *brass* scoop, w't 58 lbs.....each 15.00

No. 504—Double beam, with *tin* scoop, w't 58 lbs.....each 15.00

No. 506—Double beam, with *brass* scoop, w't 59 lbs.....each 16.00

ONE IN A CASE.

GROCERS' EVEN BALANCE TRIP.



Iron Base and Frame, Brass Beam, with TIN Scoop, Iron Plate and Weights, Japanned in Black, very Strong.

Nos.	708	707	706
Cap'c'y.	¼ oz.×2lbs.	¼ oz.×6lbs.	¼ oz.×10 lbs.
Weight..	16	26	42 lbs.
Each....	$6.00	7.75	10.00

Nos.	705	922
Cap'c'y.	¼ oz.×16lbs.	¼ oz.×25 lbs.
Weight	63	99 lbs.
Each	$12.75	20.75

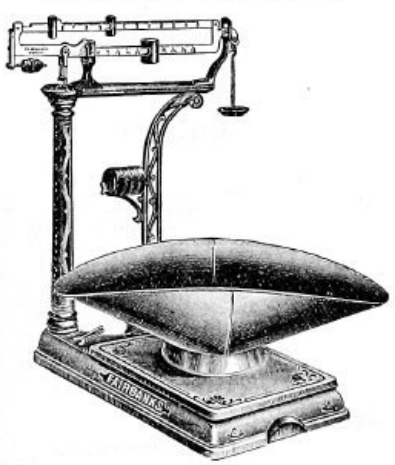
Iron Base and Frame, Brass Beam with BRASS Scoop, Iron Plate and Weights, Japanned in Red, very Strong.

Nos.	716	715	714
Cap'c'y.	¼ oz.×2lbs.	¼ oz.×6lbs.	¼ oz.×10 lbs.
Weight..	16	26	42 lbs.
Each....	$7.00	8.75	11.00

Nos.	713	924
Cap'c'y.	¼ oz.×16lbs.	¼ oz.×25 lbs.
Weight	63	99 lbs.
Each	$14.25	23.25

ONE IN A CASE.

IMPERIAL GROCERS'.



Frame and Base of Iron, Double Brass Beam, Heavily Nickel Plated, Upper Bar 10 lbs. ×1 oz., Lower Bar 50×½ lbs., Capacity 250 lbs.×1 oz., Platform 12 ×15 in., with Scoop and Scoop Balance, Japanned in Red.

No. 505—Large tin scoop, w't 82 lbs., each..... $24.00

No. 507—Large brass scoop, w't 83 lbs., each..... 25.00

No. 509—Large seamless tin scoop, w't 82 lbs.....each 25.00

No. 511—Large seamless brass scoop, w't 83 lbs.....each 27.00

ONE IN A CASE.

GROCERS' TRIP.

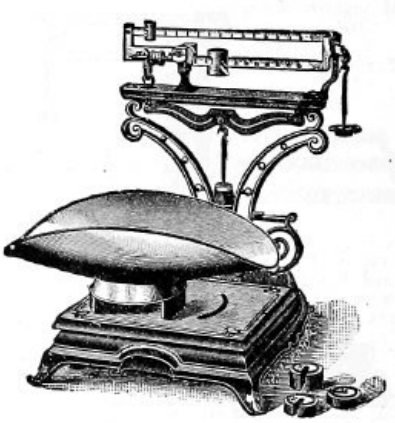
Iron Base and Frame, Bronzed and Ornamented AGATE BEARINGS, Pivot Guard, Side Beam and Weight Plate are of Solid Brass Heavily Nickel Plated, Heavy Brass Scoop Supported on a Four Rubber Tipped Pronged Fork, Hardwood Base Board, with a Velvet Lined Recess to Receive Weights.

No. 737A—Capacity 25 lbs.×¼ oz., complete with nickel plated weights, w't 89 lbs.....each $50.00

No. 738A—Capacity 15 lbs.×¼ oz., complete with nickel plated weights, w't 89 lbs.....each 36.00

ONE IN A CASE.

INVINCIBLE GROCERS'.



Iron Base and Frame, Double Brass Beam with Sliding Brass Poises, AGATE BEARINGS, Automatic Scoop Balance, Suspension Bearing 15×12 in. Platform, Elegantly Finished in Vermillion, Suitably Ornamented, with Heavy Seamless Brass Scoop, all Brass Parts Nickel Plated.

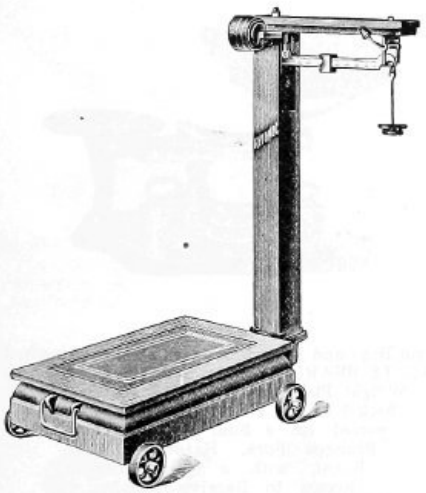
No. 501—Capacity 250 lbs.×1 oz., complete with weights, scoop and automatic scoop balance attachment, w't 125 lbs.....each $35.00

The automatic scoop balance attachment eliminates all chances for errors through the removal of the scoop.

ONE IN A CASE.

SCALES.

REVONOC PORTABLE PLATFORM.

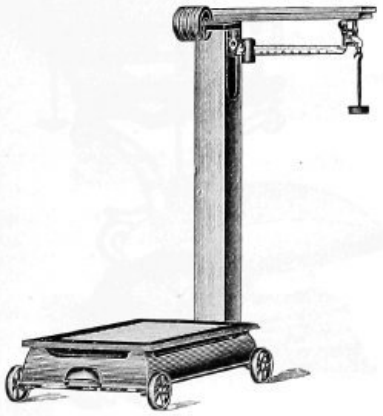


H. S. B. & Co.'s Single Brass Beam, Platform and Frame Painted Dark Vermilion, Neatly Striped, Iron Work Black, Flexible Steel Bearings, Sliding Brass Poise with Set Screw, Mounted on Wheels.

Nos.	6	8	10	12
Capacity	600	800	1,000	1,200 lbs.
Platform	16×22	17×26	18×27	18×27in.
Weight	160	165	170	225 lbs.
Each	$23.00	24.00	28.50	32.00

A thoroughly well made and reliable scale.

PORTABLE PLATFORM.



Brass Beam and Sliding Poise, with Weights and Balance, Steel Bearings, Mounted on Wheels.

No. M106—Capacity 600 lbs., w't 130 lbs., each $13.00

No. M108—Capacity 800 lbs., w't 150 lbs., each 14.50

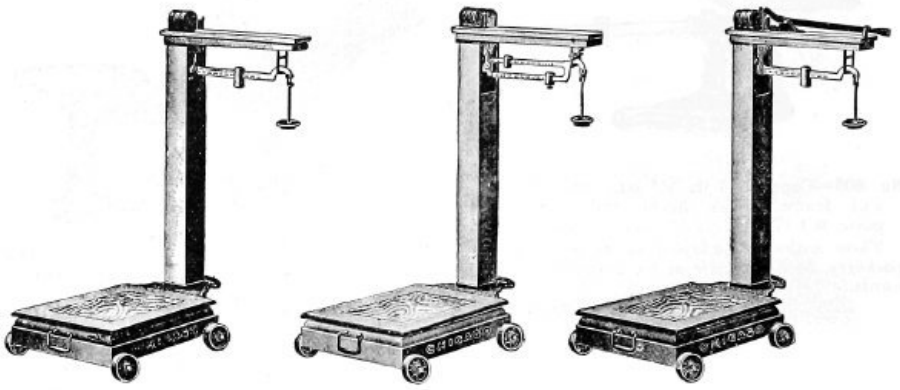
A good, cheap scale. Splendid value at the price.

EXTRA WEIGHTS.

Black Japanned, For Portable Platform Scales.

Pounds	50	100	200
Each	$0.50	.60	.70

CHICAGO PORTABLE PLATFORM.



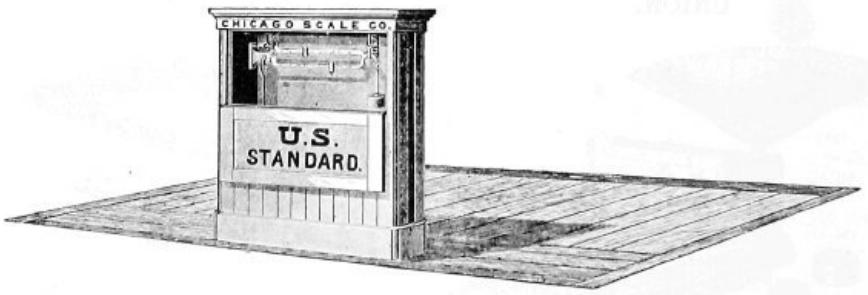
Single Beam. Double Beam. Drop Lever.

Solid Brass Beam, with Sliding Brass Poise, Steel Bearings Throughout, Single or Double Beams, and Single Drop Lever Patterns, Handsomely Finished and Mounted on Wheels.

Capacity	400	500	600	800	1000	1200	1600	2000	2500 lbs.
Platform	15×21	15×21	16×25	17×26	19½×27	20×28	23×30	24×32	24×32 in.
Weight	130	140	160	165	175	185	220	235	250 lbs.
Single Beam, ea.	$17.00	18.00	22.00	26.00	30.00	33.00	40.00	54.00	60.00
Double Beam "	20.00	21.00	25.00	29.00	33.00	36.00	44.00	58.00	64.00
Drop Lever, Single Beam					32.00	36.00	44.00	58.00	64.00

These scales are first class in every particular, and equal in accuracy, durability and finish to anything in the market. They are made of the very best material, and thoroughly tested and sealed before leaving the factory.

CHICAGO, HAY, STOCK OR WAGON.



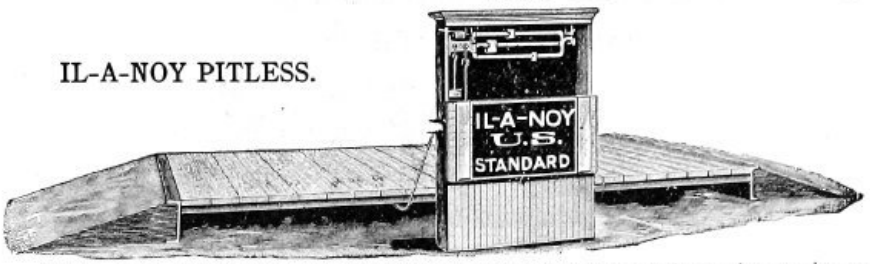
Solid Brass Double, Single and Combination or Full Draft Beams, Fitted with Brass Sliding Poises, Steel Bearings Throughout, Carefully Tempered, Steel Levers, Beam Box Neatly Finished.

Capacity	2	3	4	5	6	6 tons.
Platform	6×12	7×13	8×14	8×14	8×16	8×22 ft.
Weight	440	460	675	700	1300	1500 lbs.
Single Beam, each	$40.00	50.00	60.00	75.00	90.00	110.00
Double Beam, "	45.00	55.00	65.00	80.00	98.00	118.00
Combination Beam, "	50.00	60.00	70.00	90.00	110.00	130.00

Beam box and building directions included in above price, but not the timber for frame or floor. Prices for all steel frames except the first two, will be furnished upon application. No loose weights required with the combination or full beam scales.

WAGON SCALES.

IL-A-NOY PITLESS.



Triple Beam.

In the Il-a-noy Steel Pitless Wagon Scale, we have adopted the direct steel lever construction which embodies many of the valuable features of a high grade Pit Wagon Scale, with the improvements and advantages of a Pitless Scale.

Frame—Made with heavy steel channel end sills connected by tubular steel cross pieces secured at each corner by strong gray iron brackets which hold in place the heavy hardened loops that support the steel levers in scale frame.

Scale Levers—A single piece of T shaped rolled steel, the two long levers being trussed with heavy steel bars making them perfectly rigid.

Stringers—Heavy steel I beams are used, which support the platform planks, provision being made for fastening planks to I beams.

Pivot Bearings—Throughout the entire scale are made from best tool steel carefully tempered and ground to a knife edge, insuring sensitiveness.

Brass Beam—Three bar, solid, combination, graduated to full capacity of scale and fitted with brass faced sliding poises.

Beam Pivots—Are of best tool steel carefully tempered, each one being secured in beam by hard friction steels.

I Beams—Are made of heavy steel supported on the steel levers in frame of scale by carefully chilled bearing feet that rest on tempered tool steel pivots in scale levers.

Levers—Are of heavy rolled steel, supported at each corner of scale frame by heavy hardened loops hung over the corner brackets.

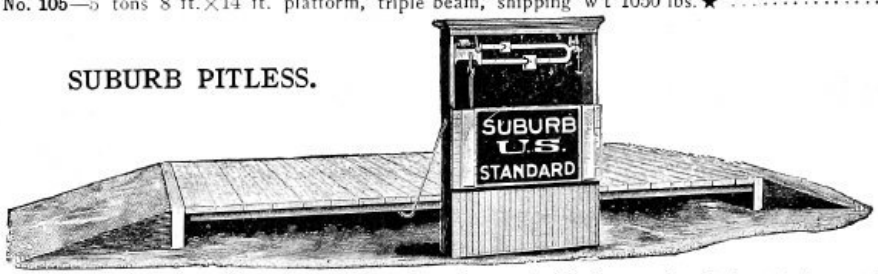
Beam Box—Is of selected one-inch tongued and grooved lumber, painted, and is provided with lock and key, also a heavy molded top.

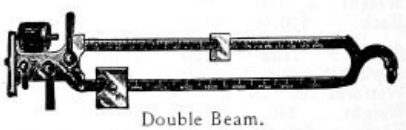
Guarantee—Sealed to U. S. standard weights and against defective workmanship and material.

Shipping—Each scale is carefully boxed and crated for shipment with complete printed directions for setting up and installing. Purchaser is required to furnish only the platform planks.

No. 104—4 tons 8 ft.×14 ft. platform, triple beam, shipping w't 1000 lbs.★ ..... each $110.00
No. 105—5 tons 8 ft.×14 ft. platform, triple beam, shipping w't 1050 lbs.★ ..... " 116.00

SUBURB PITLESS.





Double Beam.

Our "Suburb" Pitless Wagon and Stock Scale with solid double brass beam, is well constructed in every particular and suitable for ordinary uses, being provided with full capacity double brass beam fitted with brass sliding poises.

Levers—Made from T shaped rolled steel and supported in frame of scale by tubular steel cross pieces, which hold wood end sills in place.

Platform Stringer—Next to the beam box is made from a heavy steel I beam and supported on levers by carefully chilled bearing feet.

Beam and Lever Pivots—Throughout the scale are of heavy tool steel ground to a knife edge and carefully hardened, thus insuring sensitiveness, accuracy and durability to all parts of scale where the wear and strain is greatest.

Beam Box—Is made of good materials, well painted and provided with lock and key.

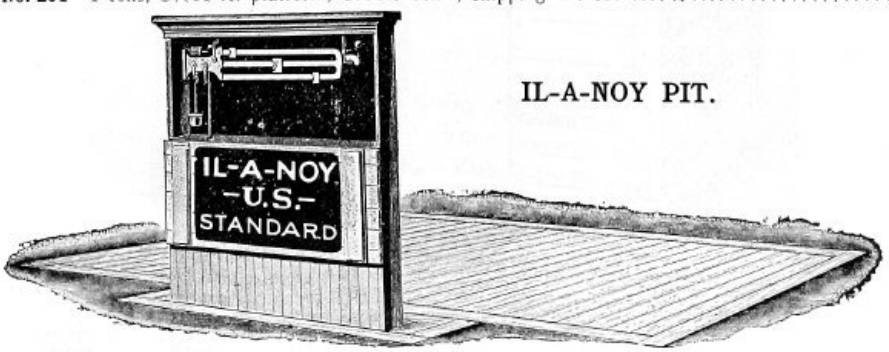
Guarantee—Sealed to U. S. Standard Weights and against defective material and workmanship.

Shipping—Each scale is carefully crated and boxed for shipment with full and plain printed instructions for setting up and installing. The purchaser is required to furnish only the platform planks, two wood end sills 8 feet by 12 inches wide by 3 inches thick, and one platform stringer 14 feet long by 8 inches wide by 6 inches thick, this stringer being placed on the outer end of scale.

The printed instructions show and describe how all wood parts are cut and how foundation should be constructed.

No. 203—3 tons, 8×14 ft. platform, double beam, shipping w't 640 lbs.★ ..... each $72.00
No. 204—4 tons, 8×14 ft. platform, double beam, shipping w't 650 lbs.★ ..... " 80.00

IL-A-NOY PIT.



Triple Beam.

Il-A-Noy Trussed Steel Lever Pit Wagon Scale, is a high grade weighing machine and has many exclusive improvements not found in any other type of pit wagon scale. This scale excels in quality of materials used, accuracy in weighing, and is built to withstand the heaviest strain. It is intended for coal and grain dealers, manufacturers and others who use a scale constantly under all conditions and require them to stand under any test.

Beam—Furnished with double or triple solid brass beams graduated to full capacity of scale and fitted with brass faced sliding poises.

Levers—Made from rolled T shaped steel, each being strongly trussed.

Bearings—Throughout the scale are of best tool steel carefully tempered and ground to a knife edge.

Guarantee—Il-A-Noy Trussed Steel Lever Pit Wagon Scales are made from high grade materials throughout by skilled scale mechanics and guaranteed to be sealed to U. S. Standard Weights and against defective material or workmanship.

Shipping—Scale is carefully boxed and crated complete with building plans for setting up and installing. Purchaser is required to furnish platform planks and timbers for stringers and pit foundation sills. Building plans give bill of lumber required and how each piece is cut.

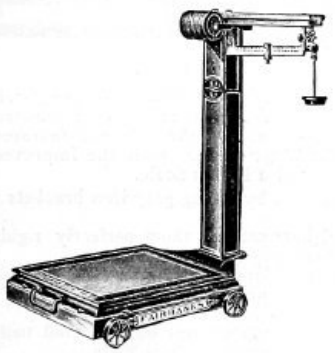
		DOUBLE BEAM.	TRIPLE BEAM.
No. 183— 3 tons, 8×14 ft. platform, shipping w't 540 lbs.★	each	$74.00	$80.00
No. 184— 4 tons, 8×14 ft. platform, shipping w't 560 lbs.★	"	80.00	86.00
No. 185— 5 tons, 8×14 ft. platform, shipping w't 580 lbs.★	"	86.00	92.00
No. 186— 6 tons, 8×14 ft. platform, shipping w't 610 lbs.★	"	98.00	104.00
No. 188— 8 tons, 8×14 ft. platform, shipping w't 690 lbs.★	"	110.00	116.00
No. 310—10 tons, 8×14 ft. platform, shipping w't 700 lbs.★	"	134.00	140.00

The six, eight and ten-ton scales are provided with jug weights for capacity over five tons.

★*FOR FACTORY SHIPMENT ONLY.*

FAIRBANKS' STANDARD SCALES.

PORTABLE PLATFORM.



Single Brass Beam, Sliding Brass Poise with Set Screw, Steel Bearings, Mounted on Wheels.

Nos.	1130	1128	1126	1124
Cap'c'y.	400	600	800	1000 lbs.
Platform.	15×21	16×25	17×26	17×26 in.
Weight	140	160	175	180 lbs.
Each	$26.00	33.00	38.00	43.00

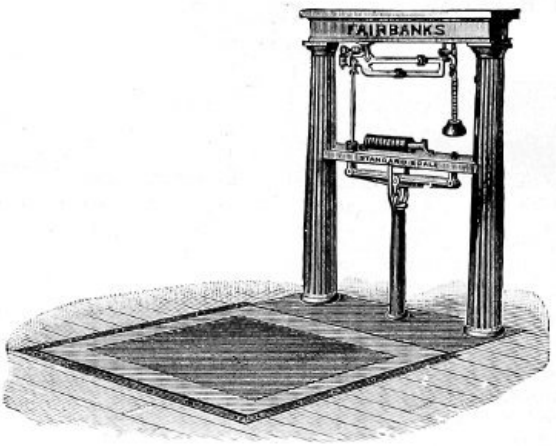
Nos.	1122	1120	1118	1116
Cap'c'y.	1200	1500	2000	2500 lbs.
Platform.	20×28	21×28	25×33	26×34 in.
Weight	240	250	340	400 lbs.
Each	$49.00	56.00	75.00	85.00

Single Brass Beam, Sliding Brass Poise with Set Screw, Drop Lever, Platform and Upright Rigidly Braced by Iron Braces, Mounted on Heavy Wheels.

Nos.	1174	1172	1170
Cap'c'y.	1000	1200	1500 lbs.
Platform	17×26	20×28	21×28 in.
Weight	210	260	270 lbs.
Each	$51.00	59.00	70.00

Nos.	1168	1166
Cap'c'y.	2000	2500 lbs.
Platform	25×33	26×34 in.
Weight	395	440 lbs.
Each	$82.00	94.00

DORMANT WAREHOUSE.

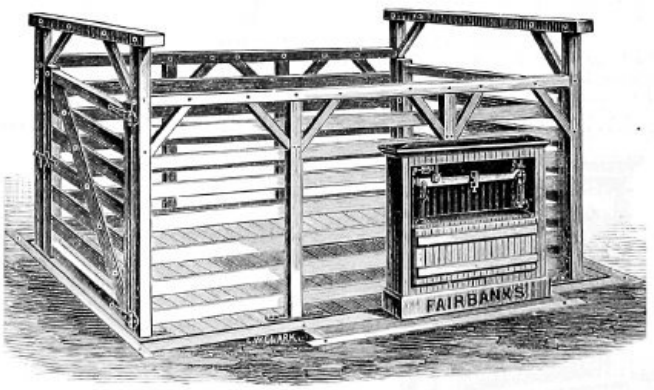


Two Iron Pillars, Brass Beams with Sliding Brass Poises, Neatly Ornamented.

Nos.	1050	1048	1052	1046
Capacity	2500	3500	3500	5000 lbs.
Platform	37×46	42×44	42×44	48×48 in.
Weight	790	872	927	1332
Single Beam	each, $105.00	125.00	135.00	170.00
Double Beam	" 113.00	133.00	143.00	180.00

The Dormant Warehouse Scales are perfectly constructed in every particular. The pillars are of the Doric pattern and are very strong. The bearings are of steel, the beam and poises of brass, the platform is of iron and wood. Very sensitive and accurate and adapted to every warehouse and coal yard or where heavy weighing is required.

HAY AND STOCK.



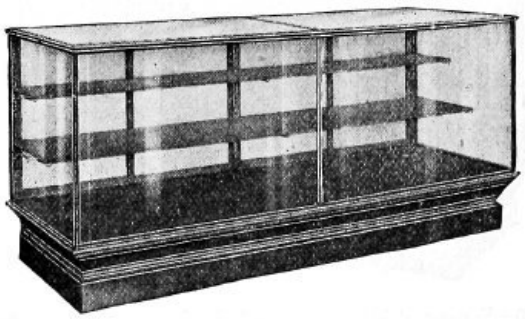
Brass Beams Fitted with Brass Sliding Poise, Steel Bearings Throughout, Steel Levers, Beam Box Neatly Painted and Lettered, Pit Pattern.

NOS.	TONS	PLATFORM FT.	PLATFORM IN.	PLATFORM TO BEAM ROD FT.	PLATFORM TO BEAM ROD IN.	WEIGHT LBS.	SINGLE BEAM EACH	DOUBLE BEAM EACH
2116	3	14× 8		2	2½	640	$145.00	$155.00
2114	4	14× 8		2	2½	660	170.00	180.00
2112	5	14× 8		2	2½	675	200.00	210.00
2110	6	14× 8		2	2½	700	225.00	240.00
2101	6	22× 8		2	9	1095	265.00	280.00
1930	8	14× 8	4⅝	2	¾	1015	275.00	290.00
1928	10	14× 8	4⅝	2	¾	1025	300.00	315.00
1926	12	14× 8	4¼	2	1	1330	320.00	335.00
1924	15	14× 8	4¼	2	1	1350	390.00	405.00
1846	6	18× 8	3	4	5½	1135	275.00	290.00
1844	8	18× 8	3	4	5½	1200	300.00	315.00
1842	10	18× 8	3	4	5½	1210	330.00	345.00
1807	10	22×10	3⅞	2	1	1530	345.00	360.00

The sizes of platforms of these scales may be varied somewhat from the above dimensions, and without adding to the cost of the irons. All of the above prices are exclusive of the cost of timber and foundation, which is to be paid by purchaser

DISPLAY CASES.*

"CRACKER JACK" FLOOR.

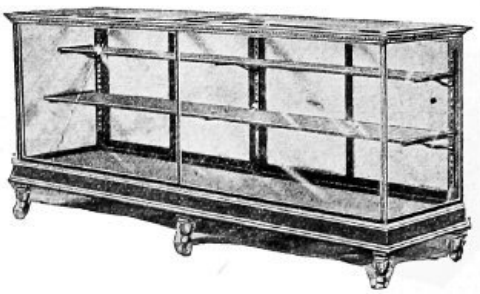


No. 600—Frame and base constructed of oak, with a golden oak finish, glazed on top with ½ in. bevel plate glass, D. S. A. glass front, ends and doors, two wood shelves, the top one 10 in. and the lower one 14 in. wide, supported by nickel plated adjustable brackets and nickel plated key hole back standards, sliding glass doors run on ball bearing rollers and metal track, very narrow top rail, height 42 in., width 24⅝ in.★

Length	3	4	5	5½	6 ft.
Weight	135	180	225	270	315 lbs.
Each	$34.50	44.00	52.50	57.75	60.00

Length	7	8	9	10	11	12 ft.
Weight	360	405	450	495	540	585 lbs.
Each	$70.00	80.00	90.00	100.00	110.00	120.00

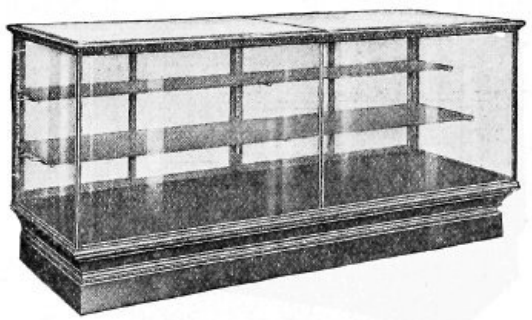
"CRACKER JACK" FLOOR.



No. 60—Frame constructed of oak, with a golden oak finish, ½ in. bevel polished plate glass on top inlaid on felt, D. S. A. glass in front and on ends, two wood shelves, the top one 10 in. and the lower one 14 in. wide, supported on nickel plated adjustable brackets and nickel plated key hole back standards, sliding glass doors run on ball bearing rollers and metal track, resting on metal legs, height 42 in., width 26 in.★

Lengths	3	4	5	5½	6 ft.
Weight	135	180	225	270	315 lbs
Each	$33.00	42.00	50.00	55.00	57.00

Lengths	7	8	9	10	11	12 ft.
Weight	360	405	450	495	540	585 lbs
Each	$66.50	76.00	85.50	95.00	104.50	114.00

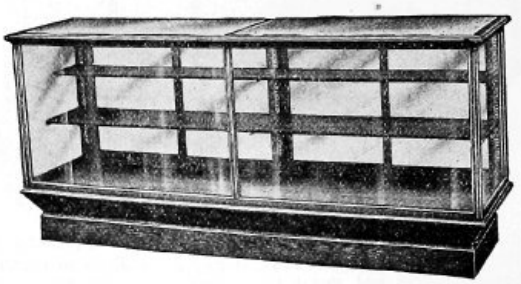


No. 25—Frame and base constructed of oak, with a golden oak finish, top glazed with ½ in. bevel plate glass inlaid on felt, front, ends and doors with D. S. A. glass, two wood shelves, the top on 10 in. and the lower one 14 in. wide, resting on nickel plated adjustable brackets, and nickel plated key hole back standards, removable sliding glass doors run on ball bearing sheaves and metal track, receding base, height 42 in., width 26 in.★

Length	3	4	5	5½	6 ft.
Weight	135	180	225	270	315 lbs.
Each	$33.00	42.00	50.00	55.00	57.00

Length	7	8	9	10	11	12 ft.
Weight	360	405	450	495	540	585 lbs.
Each	$66.50	76.00	85.50	95.00	104.50	114.00

"PARAGON" FLOOR.



No. 58—Base and frame are constructed of oak, with a glossy golden finish, glazed with two pieces of ½ in. bevel poilshed plate glass on top and two pieces D. S. A. glass in front and on the ends, two wood shelves on the inside, the top one 10 in. and the lower one 14 in. wide, supported on aluminum finished key hole back standards and adjustable brackets, glass sliding doors in rear run on ball bearing rollers and metal track, receding base, height 42 in., width 26 in.★

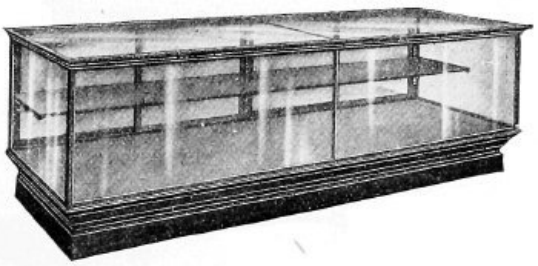
Lengths	6	8	10 ft.
Weight	270	315	360 lbs.
Each	$54.00	72.00	90.00

3 to 5½ ft. lengths are glazed with one piece of polished plate glass and one piece of D. S. A. glass in front, 6 to 11 ft. lengths with two pieces of polished plate glass on top and two pieces of D. S. A. glass in front, and 12 ft. lengths with three pieces polished plate glass on top and three pieces of D. S. A. glass in front, unless otherwise specified. All cases furnished in golden oak shade, but can be had in birch, mahogany, or oak in any other shade when so ordered.

★*FOR SHIPMENT FROM FACTORY ONLY.*

DISPLAY CASES.*

"CRACKER JACK" PLATE TOP DRESS GOODS COUNTER.

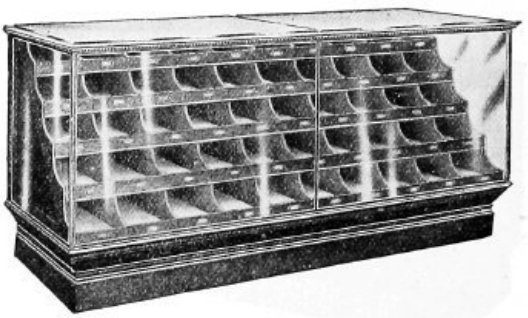


No. 33—Frame and base are constructed of oak, with a golden oak finish, polished plate glass top inlaid on felt, one 14 in. oak shelf supported on nickel plated adjustable brackets and nickel plated key hole back standards, sliding glass doors in rear run on ball bearing rollers and metal track, front and ends of D. S. A. glass, base built receding, height 34 in., width 28 in.★

Length	3	4	5	5½	6 ft.
Weight	120	160	200	240	280 lbs.
Each	$33.00	42.00	50.00	55.00	57.00

Length	7	8	9	10	11	12 ft.
Weight	320	360	400	420	460	500 lbs.
Each	$66.50	76.00	85.50	95.00	104.50	114.00

"CRACKER JACK" SMALL WARES.

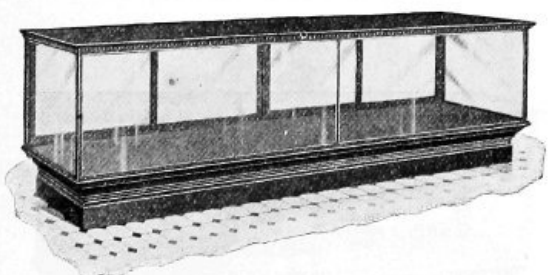


No. 30—Frame and base constructed of oak, with a glossy golden oak finish, glazed with ½ in. bevel polished plate glass on top and double strength "A"glass in front and ends, interior of case is fitted with five rows of drawers for the display of small wares, each tray having a neat pull at rear and price card holder in front, these trays are usually 5 in. deep, and their height varies according to the length of the case from 7⅜ in. to 7¾ in., base built receding, height 42 in., width 26 in.★

Length	3	4	5	5½	6 ft.
Weight	225	300	375	450	525 lbs
Each	$57.00	74.00	90.00	99.00	105.00

Length	7	8	9	10	11	12 ft.
Weight	600	675	750	825	900	975 lbs,
Each	$122.50	140.00	157.50	175.00	192.50	210.00

"CRACKER JACK" WOOD TOP GLASS COUNTER.

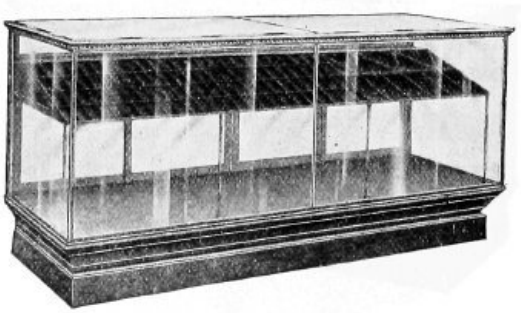


No. 29—Frame and base constructed of oak, handsomely finished in golden oak, D. S. A. glass front and ends, sliding glass doors in rear run on ball bearing rollers and metal track, base built receding. Height 34 in., width 28 in.★

Lengths	3	4	5	5½	6 ft.
Weight	135	180	225	260	280 lbs.
Each	$30.00	38.00	45.00	49.50	51.00

Lengths	7	8	9	10	11	12 ft.
Weight	360	405	450	495	540	585 lbs.
Each	$59.50	68.00	76.50	85.00	93.50	102.00

"CRACKER JACK" CUTLERY.



No. 98—Base and frame constructed of oak and finished with a glossy golden oak shade, top is glazed with ½ in. bevel polished plate glass, ends, front and doors with double strength "A" glass, interior fitted with a stand for display and provided with non-tilting drawers for stock, hinged mirror doors above drawers and clear glass sliding doors (run on ball bearing rollers and metal track) below drawers, the stand is lined with purple velveteen, base built receding, height, 42 in., width 26 in.★

Length	3	4	5	5½	6 ft.
Weight	180	240	300	360	420 lbs.
Each	$54.00	70.00	85.00	93.50	99.00

Length	7	8	9	10	11	12 ft.
Weight	480	540	600	660	720	780 lbs.
Each	$115.50	132.00	148.50	165.00	181.50	198.00

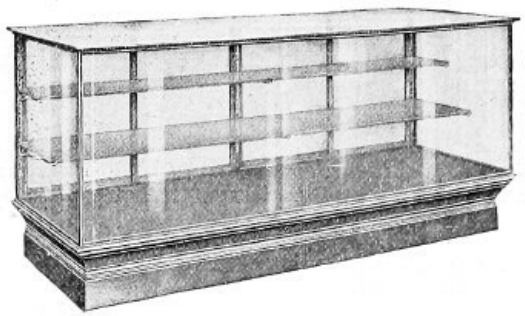
Unless otherwise specified all 3 to 5½ ft. lengths are glazed with one piece of polished plate glass and one piece of double strength "A" glass in front, 6 to 11 ft. lengths with two pieces of polished plate glass on top and two pieces of double strength "A" glass in front, and 12 and 13 ft. lengths with 3 pieces of polished plate glass on top and 3 pieces of double strength "A" glass in front.

All cases furnished in golden oak finish, but can be had in birch, mahogany or any shade in oak, when so ordered.

★*FOR SHIPMENT FROM FACTORY ONLY.*

DISPLAY CASES.*

"MICHIGAN SPECIAL."

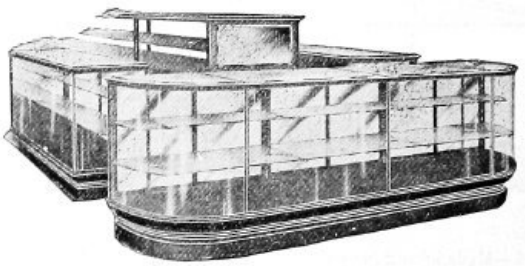


No. 300—Frame and base constructed of oak and finished in a rich glossy golden oak shade, glazed on top with one piece of polished plate glass having ground and polished edges resting on felt and extending ⅜ in. beyond light molding at front and ends, and is secured to the top by means of patent fasteners, no holes being bored in the glass. Front, ends and doors are glazed with double strength "A" glass. Two wood shelves, the top one 10 in. and the lower one 14 in. wide, supported by nickel plated adjustable brackets and nickel plated key-hole back standards, sliding glass doors in rear run on ball bearing rollers and metal track, also rubber cushions to prevent jarring of case when doors are shut, receding base, height 42 in., width 26 in.★

Length	3	4	5	5½	6 ft.
Weight	150	200	250	300	350 lbs.
Each	$42.00	54.00	65.00	72.50	75.00

Length	7	8	9	10	11	12 ft.
Weight	400	450	500	550	600	650 lbs.
Each	$87.50	100.00	112.50	125.00	137.50	150.00

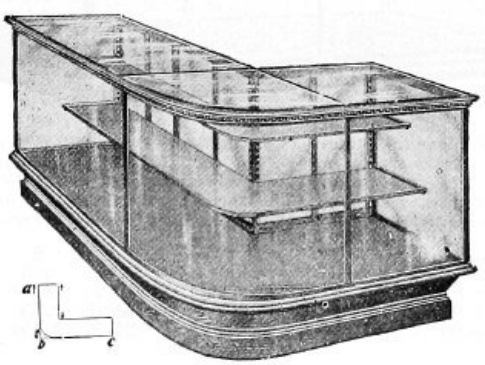
"CRACKER JACK" OVAL END.



No. 26—Frame and base constructed of oak, with a glossy golden oak finish, top glazed with ¼ in. bevel polished plate glass inlaid on felt, front, ends and doors with double strength "A" glass, two wood shelves the top one 10 in. and the lower one 14 in. wide supported by nickel plated adjustable brackets and nickel plated key-hole back standards, measurement is taken along the rear top rail, sliding glass doors in rear run on ball bearing rollers and metal track, the oval ends permit the use of the case for horse shoe arrangement, base built receding, height 42 in., width 26 in.★

Length	8	9	10	11	12	13 ft.
Weight	400	445	490	535	580	625 lbs.
Each	$112.00	122.00	132.00	142.00	152.00	162.00

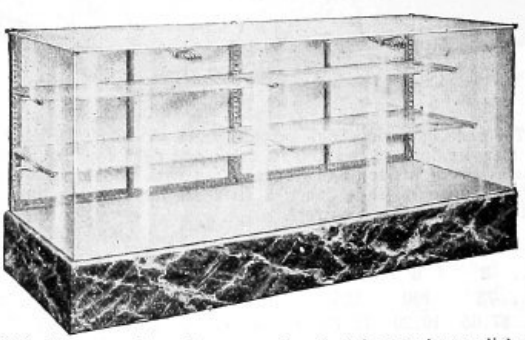
"CRACKER JACK" "L" ROUND CORNER.



No. 135—Base and frame constructed of oak with a rich golden oak finish, top glazed with ¼ in. bevel polished plate glass inlaid on felt, front, ends and doors with double strength "A" glass, two wood shelves the top one 10 in. and the lower one 14 in. wide, resting on nickel plated adjustable brackets and nickel plated back standards, removable sliding doors in rear run on ball bearing rollers and metal track, base built receding, the length is measured from the outer front corners to an imaginary point where the two lines would meet outside of round corners, height 42 in., width 26 in.★

Length	6	7	8	9	10	11	12 ft.
Weight	220	335	350	405	450	505	560 lbs.
Each	$57.00	66.50	76.00	85.50	95.00	104.50	114.00

"AMERICAN BEAUTY."



No. 400—Front, ends and top are glazed with one piece polished plate glass having ground and polished edges, and are fastened together by means of patented outside nickel plated clamps, no holes being bored in the glass, the base is of 10 in. Tennessee marble, with rounded corners, where end and front pieces meet, two plate glass shelves with ground edges, 10 and 14 in. respectively, resting on nickel plated brackets and nickel plated key-hole back standards, sliding doors (glazed with French plate mirrors) in rear, run on ball bearing rollers and metal track, floor of case is lined with green felt, height 42 in., width 26 in.★

Length	3	4	5	5½	6	7 ft.
Weight	330	440	550	610	660	770 lbs.
Each	$81.00	104.00	127.50	140.20	150.00	175.00

Lenght	8	9	10	11	12 ft.
Weight	880	991	1010	1210	1320 lbs.
Each	$200.00	225.00	250.00	275.00	300.00

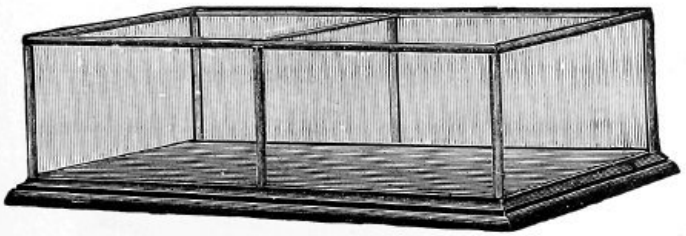
Unless otherwise specified all 3 to 5½ ft. lengths are glazed with one piece of polished plate glass and one piece of double strength "A" glass in front, 6 to 11 ft. lengths with two pieces of polished plate glass on top and two pieces of double strength "A" glass in front, and 12 and 13 ft. lengths, with 3 pieces of polished plate glass on top and 3 pieces of double strength "A" glass in front.

All cases furnished in golden oak finish, but can be had in birch, mahogany or any shade in oak, when so ordered.

★*FOR SHIPMENT FROM FACTORY ONLY.*

SHOW CASES.

SQUARE FRONT.



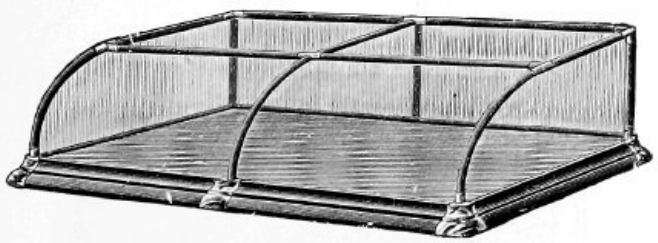
No. 1—Made in antique oak or cherry, 14½ in. high, 27 in. wide, all outside measurements, 3 and 4 ft. cases one light top and front, 5, 6, 7 and 8 ft. cases two lights top and front, 9 and 10 ft. cases three lights top and front; glazed with double strength A.A. clear glass, horizontal slide doors; 3 ft. cases have spring hinge doors, lined with shock mirrors.

Length....	3	4	5	6	7	8	9	10 ft.
Weight ...	75	100	125	150	175	200	225	250 lbs.
Each.....	$5.70	7.60	9.50	10.80	12.60	14.40	16.20	18.00

No. 5—Made in antique oak or cherry, 15 in. high, 28 in. wide, all outside measurements, 3, 4, and 5 ft. cases one light top and front, 6 to 10 ft. cases two lights top and front; glazed with double strength A.A. clear glass, horizontal slide doors; 3 ft. cases have spring hinge doors, lined with American shock mirrors.

Length..	3	4	5	6	7	8	9	10 ft.
Weight .	75	100	125	150	175	200	225	250 lbs.
Each....	$7.65	10.20	12.75	14.70	17.15	19.60	22.05	24.50

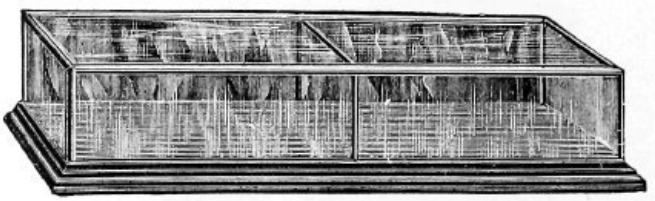
OVAL FRONT.



No. 7—Made in antique oak or cherry, 15 in. high, 27 in. wide, all outside measurements, 3, 4 and 5 ft. cases one light top and front, 6 to 10 ft. cases two lights top and front; glazed with double strength A.A. clear glass, horizontal slide doors; 3 ft. cases have spring hinge doors, lined with American shock mirrors.

Length..	3	4	5	6	7	8	9	10 ft.
Weight .	75	100	125	150	175	200	225	250 lbs.
Each....	$7.65	10.20	12.75	14.70	17.15	19.60	22.05	24.50

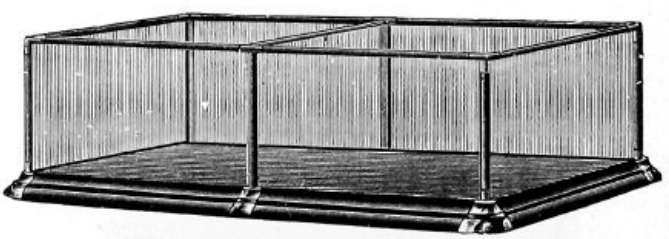
EXTRA HIGH SQUARE FRONT, PLAIN.



No. 33—Made in antique oak or cherry, 15, 17 and 19 in. high, 28¼ in. wide, all outside measurements, 3, 4 and 5 ft. cases one light top and front, 6 to 10 ft. cases two lights top and front; glazed with double strength A.A. clear glass, horizontal slide doors; 3 ft. cases have spring hinge doors, lined with American shock mirrors.

Length .	3	4	5	6	7	8	9	10 ft.
Weight .	75	100	125	150	175	200	225	250 lbs
15 in...	$6.50	8.50	10.50	12.50	14.50	16.50	18.50	20.50
17 in...	7.50	9.50	11.50	13.50	15.50	17.50	19.50	21.50
19 in...	8.50	10.50	12.50	14.50	16.50	18.50	20.50	22.50

EXTRA HIGH SQUARE FRONT WITH GERMAN SILVER CORNERS.

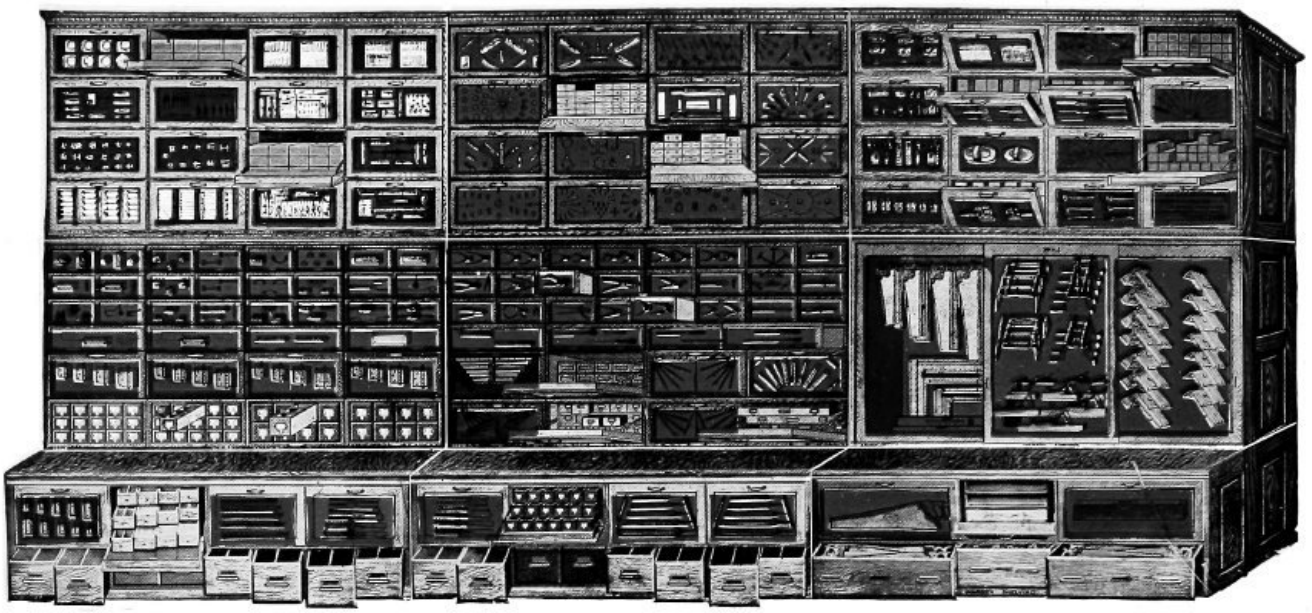


No. 32—Made in antique oak or cherry, 15, 17 and 19 in. high, 28¼ in. wide, all outside measurements, 3, 4 and 5 ft. cases one light top and front, 6 to 10 ft. cases two lights top and front; glazed with double strength A. A. clear glass, horizontal slide doors; 3 ft. cases have spring hinge doors, lined with American shock mirrors, German silver corners.

Length..	3	4	5	6	7	8	9	10 ft.
Weight .	75	100	125	150	175	200	225	250 lbs.
15 in....	$8.00	10.50	13.00	15.00	17.00	19.25	21.50	23.75
17 in....	9.00	11.50	14.00	16.00	18.00	20.25	22.50	24.75
19 in....	10.00	12.50	15.00	17.00	19.00	21.25	23.50	25.75

WARREN HARDWARE CABINETS AND BASES.

UNIT SECTIONS.



No. 7728 Combination.

With Improved Features Greatly Increasing Their Selling Capacity.

No. 7304 Cabinet—With 16 glass drop front sample boards, back of which are compartments 24×12×11 in. inside for goods carried in original packages as well as fish hooks, fish lines, floats, reels, loading sets, shell extractors, etc., approximate w't packed, 385 lbs.....each $136.98

No. 7284 Cabinet—Glass front drawers for builders' hardware, tools, etc., beneath the four rows of drawers is one row of glass drop fronts, back of which are 24×12×11 in. compartments to suit goods too heavy for drawers, four insets in lower part of cabinet containing oak front drawers for screws, bright wire goods and small articles, each drawer divided into spaces by removable partitions, approximate w't packed, 685 lbs., each..... 200.43

No. 7657 Base—Base of four glass drop fronts, back of which are drawers with removable partitions, for door butts, augers, chisels, etc., approximate w't packed, 455 lbs.....each 142.75

No. 7805 Section—Comprises Nos. 7304, 7284, 7657.....per section 480.16

No. 7302 Cabinet—With 16 glass drop front sample boards, back of which are compartments 24×12×11 in. for bicycle tools, shaving brushes, razors, hones, razor strops, picture hooks, key rings, etc., approximate w't packed, 385 lbs.....each $136.98

No. 7281 Cabinet—Illustrating one of our most practical cabinets, containing 28 glass front drawers each fitted with removable partitions and sample boards, beneath the drawers are four glass drop fronts, back of which are large compartments to suit goods too large for the drawers, below these are four insets with glass drop front sample boards, back of which are small drawers with removable partitions, particularly suited to bits, files, drills, etc., approximate w't packed, 685 lbs.....each 200.43

No. 7657 Base—Base of four glass drop fronts, back of which are drawers with removable partitions, for chisels and files, approximate w't packed, 455 lbs.....each 142.75

No. 7804 Section—Comprises Nos. 7302, 7281, 7657.....per section 480.16

No. 7300 Cabinet—Glass drop front cabinet, 16 compartments 24×12×11 in. inside with sample boards covered with rich red felt, for carpenters' tools, builders' hardware, paint brushes, saddlery goods, etc., approximate w't packed, 385 lbs..each $136.98

No. 7015 Cabinet—Sliding glass door cabinet, mirror inside ends, lined with red felt, equipped as illustrated with brackets for carpenters' tools, such as hatchets, hammers, draw knives, braces, saws, squares, planes, etc., approximate weight packed, 325 lbs.....each 154.20

No. 7656 Base—Glass front base with red felt covered sample boards, for saws, plumbs, levels, etc., approximate w't packed, 420 lbs.....each 126.49

No. 7803 Section—Comprises Nos. 7300, 7015, 7656.....per section 417.67

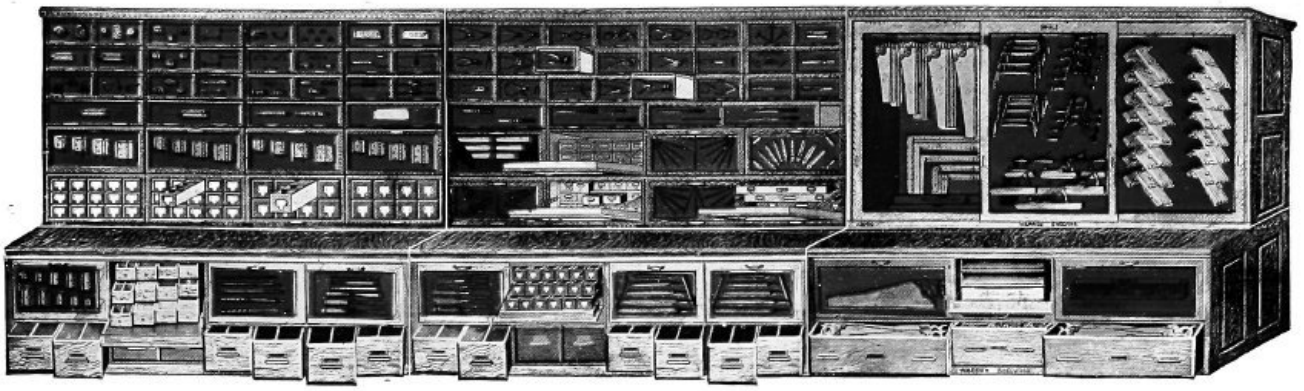
No. 7728 Combination—Comprising the six Warren cabinets and three bases as illustrated above, forming a total length of 25½ ft. by 11 ft. 7½ inches high, cabinets 15⅜ in. deep, base 30 in. deep, ledge 14⅜ in. clear, approximate w't packed, 4180 lbs.....complete $1377.99

Above combination is similar to the St. Louis World's Fair combination that received the highest gold medal prize and consists of the most practical inventions of the Warren system.

Illustrations for all Warren cabinets and bases show lengths of only 25 feet, they are expected to be extended to such length as required by each store, and for this purpose, these combinations show hair lines running between each cabinet and base that separates each unit by itself, so that if a combination is not desired as arranged, or wished in greater length, any part of one combination can be taken and combined with those of others, and the price ascertained at once, as the number and net cost of each cabinet and base is printed separately under each one, thus enabling any one to select an equipment.

CABINETS ARE 100⅜ IN. LONG, 54 IN. HIGH, 15⅜ IN. DEEP. BASES ARE 100⅜ IN. LONG, 31½ IN. HIGH, 30 IN. DEEP.

WARREN HARDWARE CABINETS.



No. 7726 Combination.

With Improved Features Greatly Increasing Their Selling Capacity.

No. 7284 Cabinet—Glass front drawers for builders' hardware, tools, etc., beneath the four rows of drawers is one row of glass drop fronts, back of which are 24×12×11 inch compartments to suit goods too heavy for drawers, four insets in lower part of cabinet containing oak front drawers for screws, bright wire goods and small articles, each drawer divided into spaces by removable partitions, approximate w't packed 685 lbs. each $200.43

No. 7657 Base—Base of four glass drop fronts, back of which are drawers with removable partitions, for door butts, augers, chisels, etc., approximate w't packed 455 lbs. ..... each 142.75

No. 7808 Section—Comprises Nos. 7284 and 7657. ..... per section 343.18

No. 7281 Cabinet—One of our most practical cabinets, containing 28 glass front drawers each fitted with removable partitions and sample boards, beneath the drawers are four glass drop fronts, back of which are large compartments to suit goods too large for the drawers, below these are four insets with glass drop front sample boards, back of which are small drawers with removable partitions, particularly suited to bits, files, drills, etc., approximate w't packed 685 lbs. ..... each $200.43

No. 7657 Base—Base of four glass drop fronts, back of which are drawers with removable partitions, for chisels and files, approximate w't packed 455 lbs. each 142.75

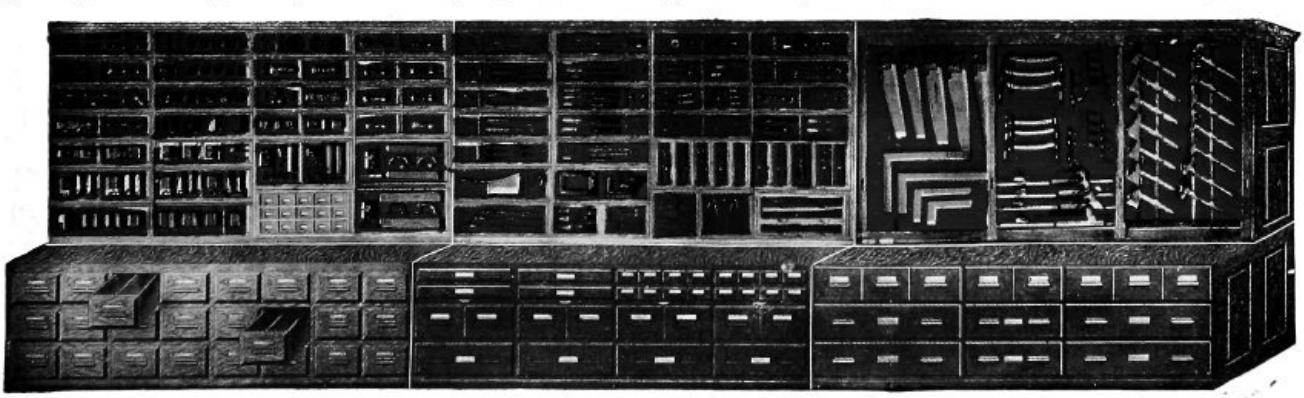
No. 7807 Section—Comprises Nos. 7281 and 7657 ..... per section 343.18

No. 7015 Cabinet—Sliding glass door cabinet, mirror inside ends, lined with red felt, equipped as illustrated with brackets for carpenters' tools, such as hatchets, hammers, draw knives, braces, saws, squares, planes, etc., approximate w't packed 325 lbs., each. $154.20

No. 7656 Base—Glass front base, with red felt covered sample boards, for saws, plumbs, levels, etc., approximate w't packed 420 lbs. ..... each 126.49

No. 7806 Section—Comprises Nos. 7015 and 7656 ..... per section 280.69

No. 7726 Combination—Comprising the three Warren cabinets and three bases as illustrated above, forming a total length of 25½ ft. by 7 ft. 1½ in. high, cabinets 15⅞ in. deep, base 30 in. deep, ledge 14⅞ in. clear, approximate w't packed 3,025 lbs. ..... complete $967.05



No. 7718 Combination.

With Improved Features Which Save Time in Selling.

No. 7218 Cabinet—With glass front drawers for builders' hardware and carpenters' tools, and an inset or frame of 15 oak front drawers with 60 spaces, for screws, or other small articles, approximate w't packed, 645 lbs. ..... each $143.03

No. 7624 Base—24 drawers with removable partitions for every kind of builders', hardware and anything up to 24 in. in length, 11 in. in width and 7 in. in height, approximate w't packed, 500 lbs. ..... each 86.58

No. 7811 Section—Comprises Nos. 7218, and 7624 ..... per section 229.61

No. 7209 Cabinet—With glass front drawers for carpenter tools, builders' hardware, etc., in right-hand corner is an inset with glass drop front sample board, back of which are three drawers with spaces for auger bits, drills, etc., approximate w't packed, 645 lbs. ..... each $143.03

No. 7640 Base—32 drawers from 4 to 24 in. wide, with removable partitions, adapted for augers, chisels, door butts, wrenches, bench screws, trowels, twines, sash cord, planes, chisel handles, etc., approximate w't packed, 500 lbs. ..... each 108.92

No. 7810 Section—Comprises Nos. 7209 and 7640 ..... per section 251.95

No. 7014 Cabinet—With 3 sliding glass doors with felt casing to prevent moisture and dust. The back, top and sides are lined with red felt, capacity 218 assorted tools, approximate w't packed, 400 lbs. ..... each $116.85

No. 7622 Base—14 drawers assorted 1, 2, and 3 feet wide for saws, steel squares, plumbs and levels, planes, hammers, hatchets, and any other goods up to 34 in. in length, 24 in. in width and 7 in. in height, approximate w't packed, 470 lbs. ..... each 75.15

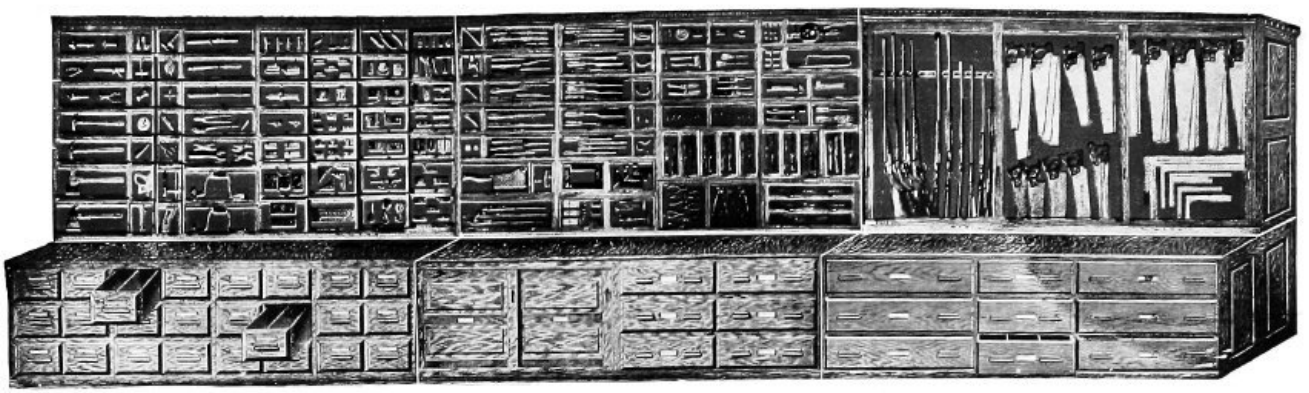
No. 7809 Section—Comprises Nos. 7014 and 7622. ..... per section 192.00

No. 7718 Combination—Comprising the three Warren cabinets and bases as illustrated above, forming a total length of 25½ ft. by 7 ft. 1½ in. high, cabinets 15⅞ in. deep, bases 30 in. deep, ledge 14⅞ in. clear, approximate weight packed, 3,160 lbs. ..... complete **$673.56**

CABINETS ARE 100⅛ IN. LONG, 54 IN. HIGH, 15⅜ IN. DEEP. BASES ARE 100⅛ IN. LONG, 31½ IN. HIGH, 30 IN. DEEP.

WARREN HARDWARE CABINETS AND BASES.

UNIT SECTIONS.



No. 7716 Combination.

With Improved Interior Arrangements that Classify and Save Time in Selling.

No. 7200 Cabinet—With 56 glass front drawers for tools, builders' hardware, and miscellaneous shelf hardware, an excellent cabinet, approximate w't packed, 620 lbs.....each $121.50

No. 7624 Base—24 drawers, 26 inches deep, 12 inches wide, 8 inches high, with removable partitions for tools, dry paint, glue, etc., approximate w't packed, 500 lbs.....each 86.59

No. 7814 Section—Comprises Nos. 7200 and 7624.....per section 208.09

No. 7209 Cabinet—With glass front drawers for mechanics' tools, etc. In right hand corner is an inset with glass drop front sample board, back of which are 3 drawers spaced for auger bits, files, etc., approximate w't packed, 645 lbs.....each $143.03

No. 7616 Base—Sliding oak panel doors for sash weights, cord, barn door hangers, etc., 6 drawers, 24 inches wide, 26 inches deep, 8 inches high, with removable partitions forming 9 spaces in each drawer, approximate w't packed, 440 lbs., each..... 69.64

No. 7813 Section—Comprises Nos. 7209 and 7616.....per section 212.67

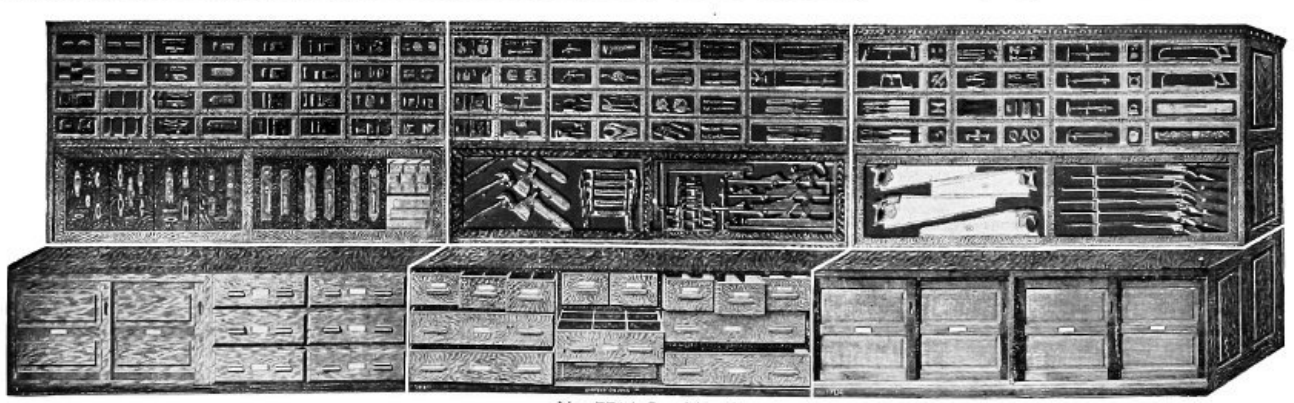
No. 7008 Cabinet—With 3 sliding glass front doors, with brackets for guns, saws, and squares or planes, lined throughout with red felt, approximate w't 400 lbs.....each $116.85

No. 7620 Base—6 drawers, 36 inches wide, 3 drawers 24 inches wide, all 26 inches deep and 8 inches high, drawers for surplus stock of tools shown above, or any goods requiring extremely large space, approximate w't packed, 440 lbs.....each 66.00

No. 7812 Section—Comprises Nos. 7008 and 7620.....per section 182.85

No. 7716 Combination—Comprising the three Warren cabinets and bases as illustrated above, forming a total length of 25½ ft. by 7 ft. 1½ in. high, cabinets 15⅜ in. deep, bases, 30 in. deep, ledge, 14⅝ in. clear, approximate w't packed, 3045 lbs.....complete $603.61

CABINETS ARE 100⅜ IN. LONG, 54 IN. HIGH, 15⅜ IN. DEEP. BASES ARE 100⅜ IN. LONG, 31½ IN. HIGH, 30 IN. DEEP.



No. 7714 Combination.

With Improvements Which Classify and Increase Selling Capacity.

No. 7112 Cabinet—With glass front drawers in upper portion, sliding glass doors in lower portion, back of which are portable sample boards 12 in. wide, 21 in. high, stock carried back of them, approximate w't packed, 585 lbs.....each $124.60

No. 7616 Base—Sliding doors in half of base, back of which is shelf for stock, also 6 drawers with removable partitions forming 9 spaces in each drawer, approximate w't packed, 440 lbs.....each 69.64

No. 7817 Section—Comprises Nos. 7112 and 7616.....per section 194.24

No. 7109 Cabinet—Same style as No. 7112, with brackets for carpenters' tools in place of the upright sample boards, glass front drawers above for mechanics' tools and shelf goods, etc., approximate w't packed, 580 lbs., each..... $124.60

No. 7622 Base—With drawers 12, 24 and 36 inches wide, removable partitions for saws, steel squares, plumbs levels, hammers, etc., approximate w't packed, 470 lbs.....each 75.15

No. 7816 Section—Comprises Nos. 7109 and 7622.....per section 199.75

No. 7106 Cabinet—A companion cabinet to No. 7109 and No. 7112, with brackets for saws, guns, golf clubs, fishing rods, and goods of similar class in lower portion and 6, 12, 18 and 24 in. glass front drawers above, approximate w't packed, 580 lbs., each..... $124.60

No. 7608 Base—With sliding oak paneled doors, back of which is a shelf for stock too heavy for drawers, two spaces 48 in. long, 25 in. high, and 25 in. deep inside, approximate w't packed, 420 lbs.....each 47.85

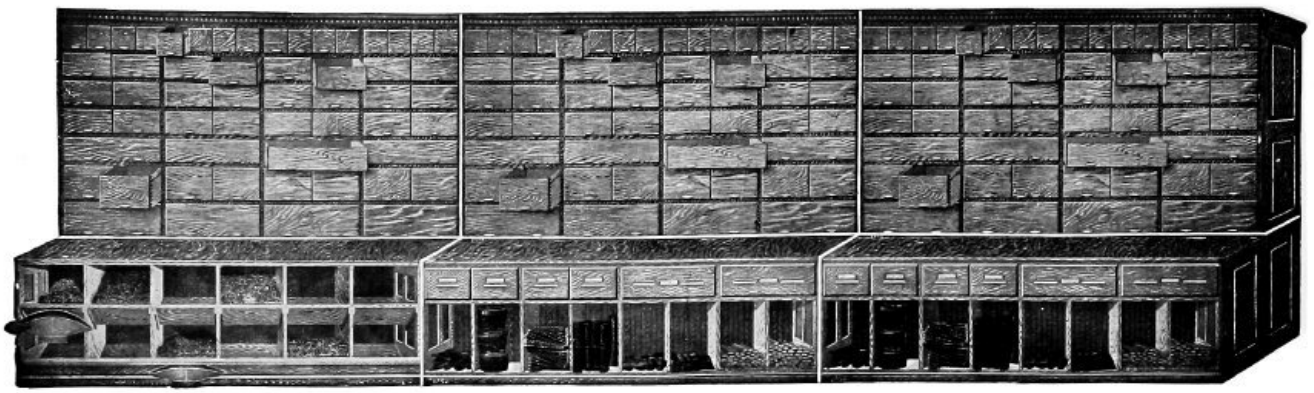
No. 7815 Section—Comprises Nos. 7106 and 7608.....per section 172.45

No. 7714 Combination—Comprising the three Warren cabinets and bases as illustrated above, forming a total length of 25½ ft. by 7 ft. 1½ in. high, cabinets 15⅜ in. deep, bases 30 in. deep, ledge 14⅝ in. clear, approximate w't packed, 3075 lbs.....complete $566.44

CABINETS ARE 100⅜ IN. LONG, 54 IN. HIGH, 15⅜ IN. DEEP. BASES ARE 100⅜ IN. LONG, 31½ IN. HIGH, 30 IN. DEEP.

WARREN HARDWARE CABINETS AND BASES.

UNIT SECTIONS.



No. 7712 Combination.

With Improved Features Greatly Increasing Their Selling Capacity.

No. 7414 Cabinet—These three cabinets are alike, each containing 56 dovetailed oak front drawers, 6, 12, and 24 in. wide, 14 in. long, the five upper rows 6 in. high, the two lower rows 8 in. high, and are interchangeable with corresponding heights from one shelf or cabinet to another, equipped with label holders, brass pulls, and information card in groove on side. The varied assortments of widths and heights make them suited to almost all the various lines of hardware, bolts, plumbing, saddlery and electric goods carried in any store, Warren's nickel plated clasps furnished extra, approximate w't packed, 600 lbs.....each $112.84

No. 7681 Base—Contains 12 spaces each holding 150 lbs. of nails, made slanting and arranged to receive the scoop in such form as to prevent nails from scattering on floor, approximate w't packed, 350 lbs..each $ 47.62

No. 7820 Section—Comprises Nos. 7414, and 7681.....per section 160.46

No. 7674 Base—Has 6 oak front dovetailed drawers with removable partitions for carpenters' tools, builders' hardware, etc., 8 bins in lower part for hatchet and hammer handles, wrought hinges, castings, wagon hardware, etc., approximate w't packed, 390 lbs.....each $ 59.25

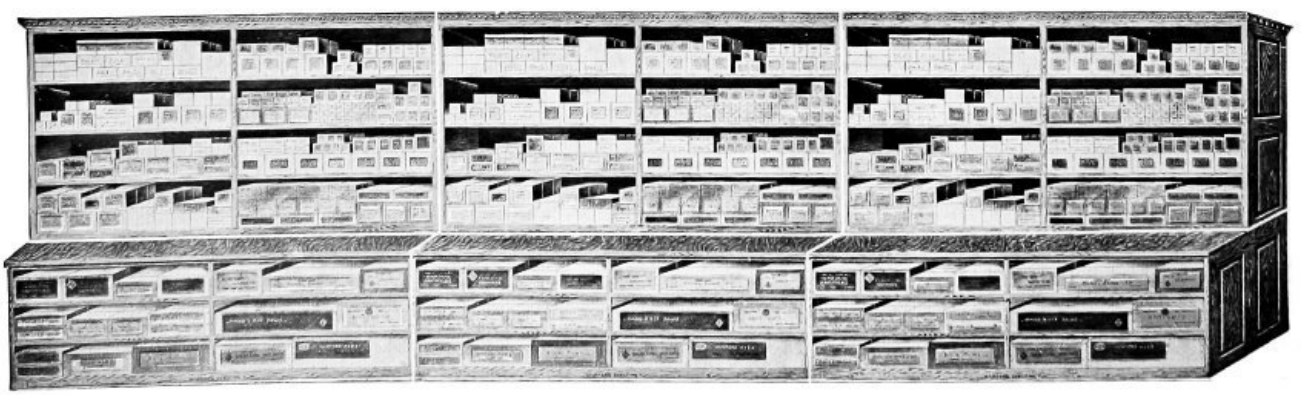
No. 7819 Section—Comprises Nos. 7414, and 7674.....per section 172.09

No. 7674 Base—6 oak front dovetailed drawers, four 12×25×8 in., two 24×25×8 in., with movable partitions, eight open spaces suited to any goods within their measurements, 11½×27×17 in., raised bottom, approximate w't packed, 390 lbs.....each $ 59.25

No. 7818 Section—Comprises Nos. 7414, and 7674.....per section 172.09

No. 7712 Combination—Comprising the three Warren cabinets and bases as illustrated above, forming a total length of 25½ ft. by 7 ft. 1½ in. high, cabinets 15⅝ in. deep, bases 30 in. deep, ledge 14⅝ in. clear, approximate w't packed, 2930 lbs.....complete $304.64

CABINETS ARE 100⅜ IN. LONG, 54 IN. HIGH, 15⅝ IN. DEEP. BASES ARE 100⅜ IN. LONG, 31½ IN. HIGH, 30 IN. DEEP.



No. 7710 Combination.

With Improved Features Greatly Increasing Their Selling Capacity.

No. 7516 Cabinet—These three cabinets are alike; open adjustable shelves with backing, for original packages, stock of any size or kind, approximate w't packed, 240 lbs.....each $32.43

No. 7606 Base—These three bases are alike; with two shelves on each side of center support, forming spaces, adapted to all lines of goods in boxes or original packages, approximate w't packed, 390 lbs.....each 36.42

No. 7843 Section—Comprises Nos. 7516 and 7606.....per section $68.85

No. 7841 Section—Comprises Nos. 7516 and 7606..... " 68.85

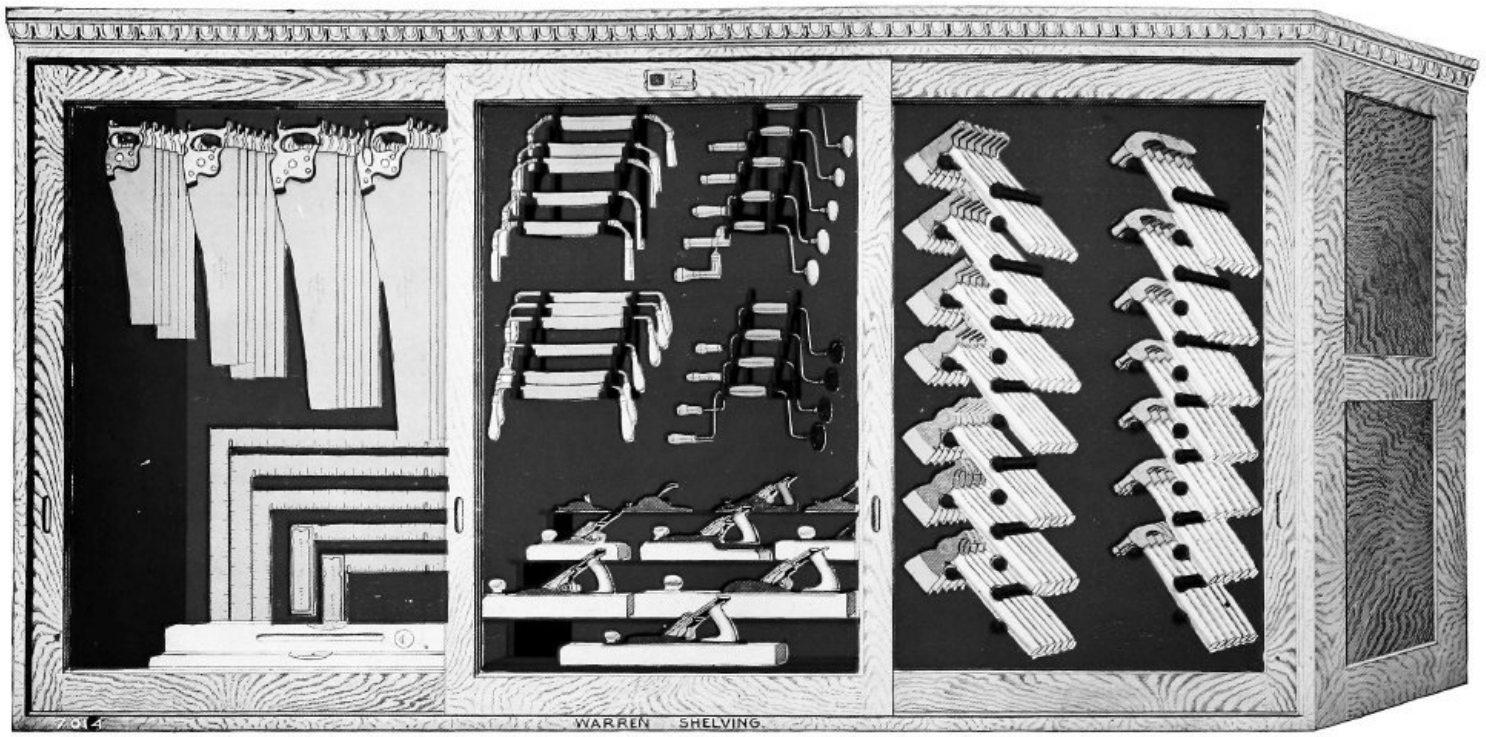
No. 7842 Section—Comprises Nos. 7516 and 7606.....per section 68.85

No. 7710 Combination—Comprising the three Warren cabinets and bases as illustrated above, forming a total length of 25½ ft. by 7 ft. 1½ in. high, cabinets 15⅝ in. deep, bases 30 in. deep, ledge 14⅝ in. clear, approximate w't packed, 1890 lbs.....complete $206.55

CABINETS ARE 100⅜ IN. LONG, 54 IN. HIGH, 15⅝ IN. DEEP. BASES ARE 100⅜ IN. LONG, 31½ IN. HIGH, 30 IN. DEEP.

WARREN PATENT GLASS FRONT CABINETS.

ANTIQUE OAK SLIDING GLASS DOOR CABINETS FOR MECHANICS' TOOLS.



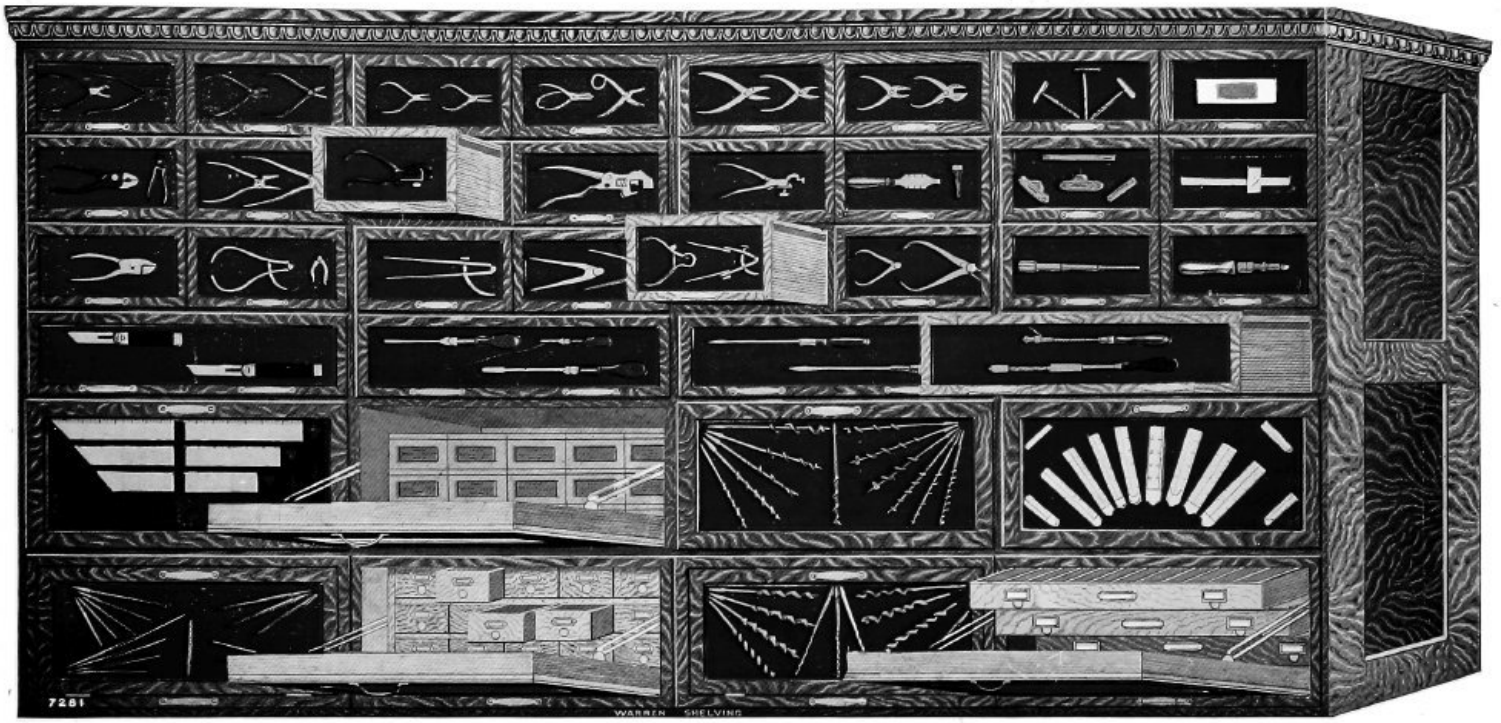
No. 7014 Cabinet—For mechanics' tools; top, back and ends lined with a high grade quality of red felt, back of which is padding that aids in retaining the rich color of the lining, and serves as a non-conductor of dampness; each bracket holds a half dozen articles, 100⅜ in. long flush (103⅞ in. with end cornice); 54 in. high; 15⅜ in. deep (17½ in. including cornice), approximate w't packed, 400 lbs..each $116.85

No. 7015 Cabinet—Same as illustrated and described above, with mirror inside ends, approximate w't packed, 440 lbs..... " 154.20

ANTIQUE OAK SLIDING GLASS DOOR DISPLAY CABINETS.

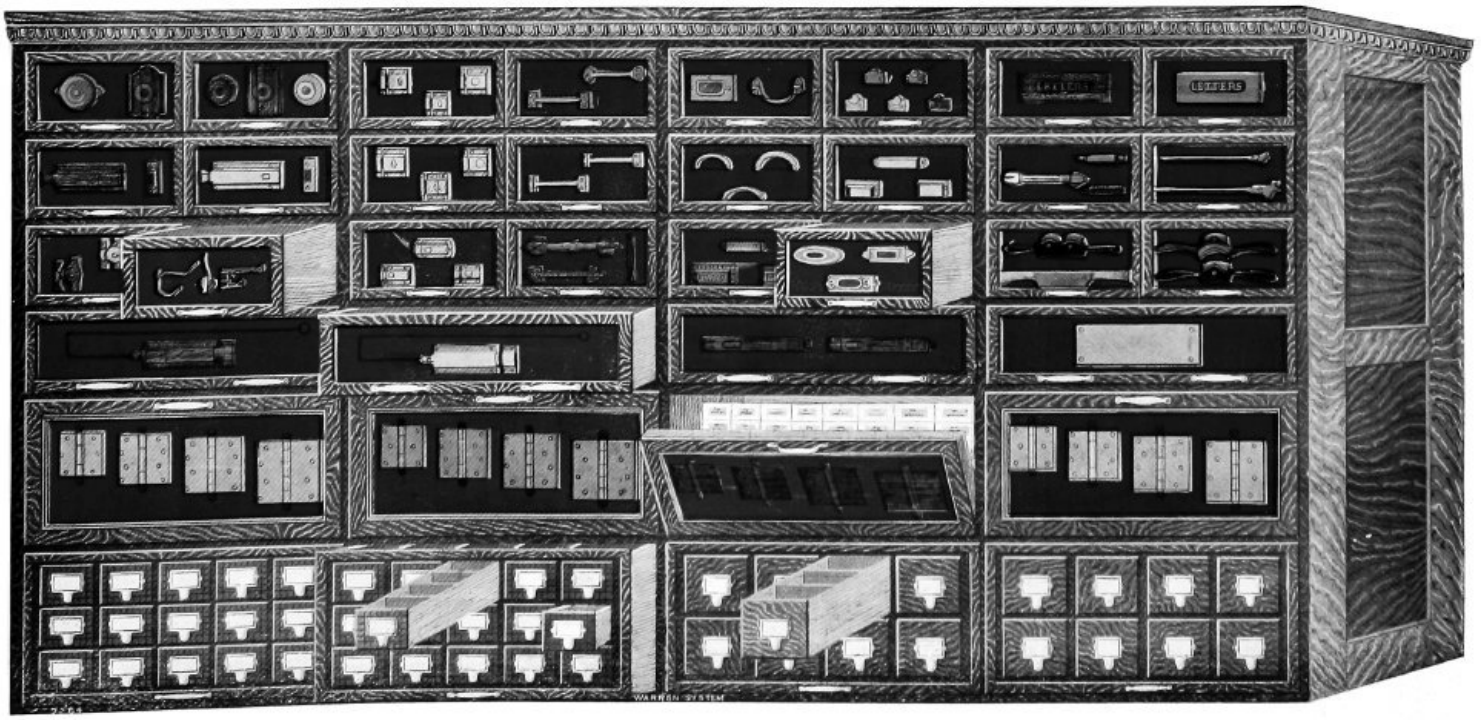
No. 7030 Cabinet—Top, sides and back lined with rich, red felt, shelves are enameled black with raised edge and supported by adjustable nickel plated brackets, and key hole strip enabling the merchant to adjust the shelves to suit articles displayed, 100⅜ in. long flush (103⅞ in. with end cornice); 54 in. high; 15⅜ in. deep (17½ in. with end cornice), approximate w't packed, 370 lbs.....each $116.85

WARREN PATENT GLASS FRONT CABINETS.



Antique Oak Patent Glass Front Drawer Cabinets.

No. 7281 Cabinet—Illustrating one of our most practical cabinets, containing 28 glass front drawers each fitted with removable partitions and sample boards, beneath the drawers are four glass drop fronts, back of which are large compartments to suit goods too large for the drawers, below these are four insets with glass drop front sample boards, back of which are small drawers with removable partitions, particularly suited to bits, files, drills, etc., 100⅜ in. long flush (103⅞ in. with end cornice); 54 in. high, 15⅜ in. deep (17⅛ in. including cornice), approximate w't packed, 685 lbs.....each $200.43

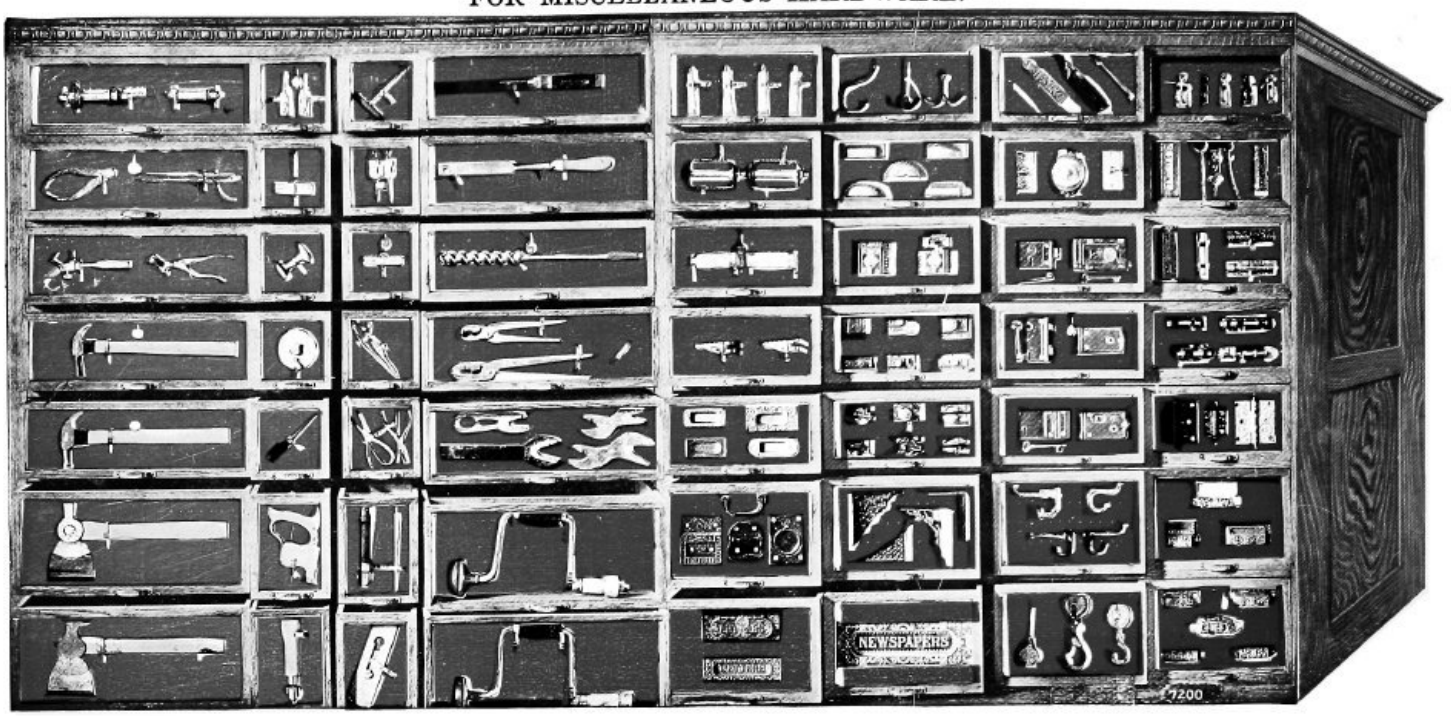


Antique Oak Patent Glass Front Drawer Cabinets.

No. 7284 Cabinet—Glass front drawers for builders' hardware, tools, etc., beneath the drawers is one row of glass drop fronts back of which are 24x12x11 in. compartments to suit goods too heavy for drawers, four insets in lower part of cabinet containing oak front drawers divided into spaces by removable partitions, 100⅜ in. long flush (103⅞ in. with end cornice); 54 in. high, 15⅜ in. deep (17⅛ in. with end cornice), approximate w't packed, 685 lbs.....each $200.43

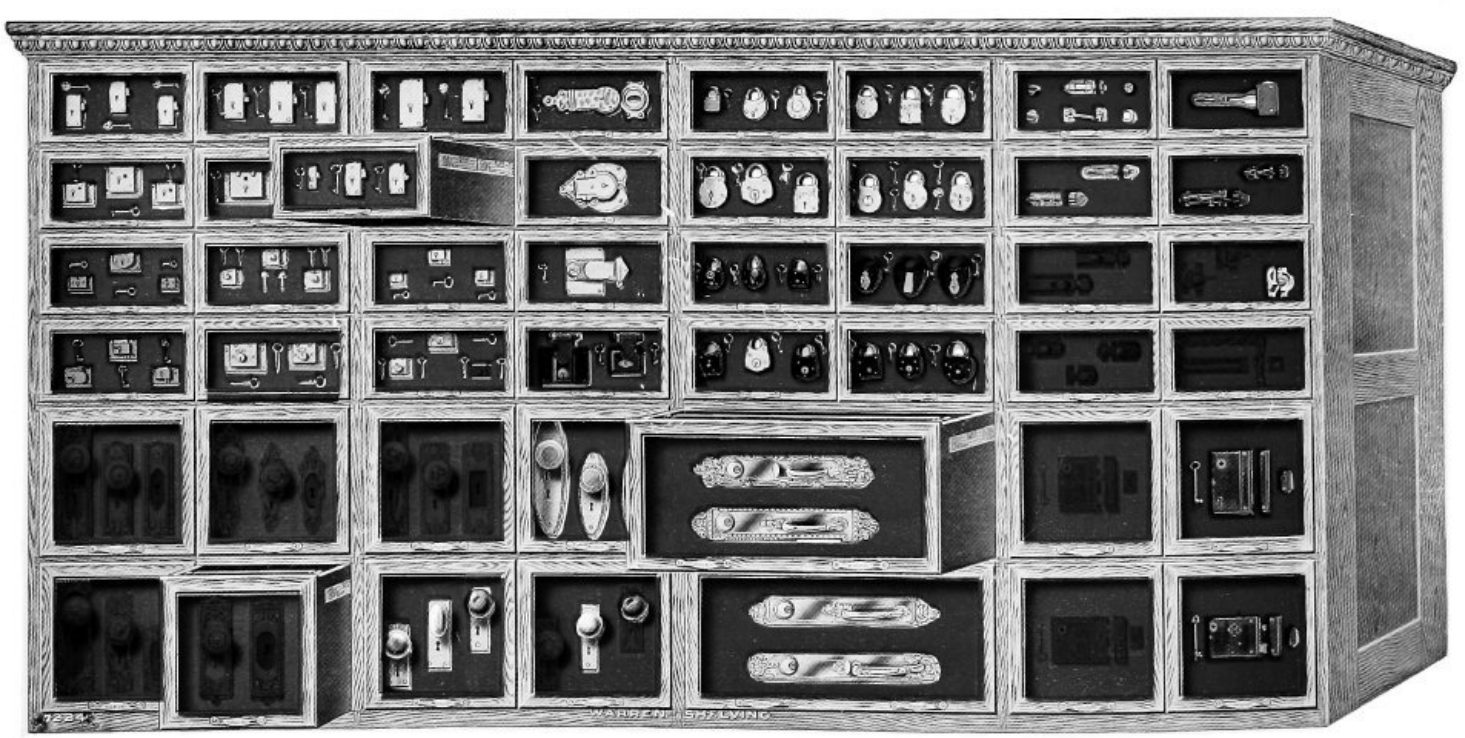
WARREN ANTIQUE OAK PATENT GLASS DRAWER CABINETS.

FOR MISCELLANEOUS HARDWARE.



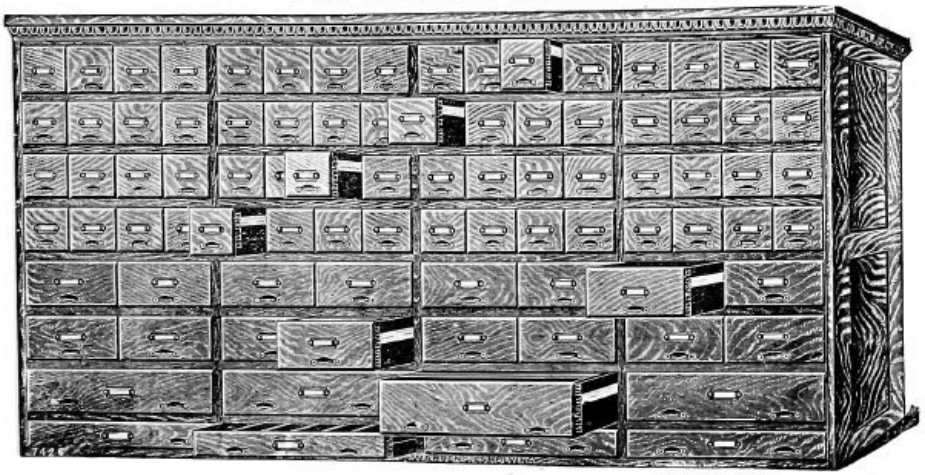
No. 7200 Cabinet—With 56 glass front drawers for tools, builders' hardware, and miscellaneous shelf hardware, an excellent cabinet, 100⅜ in. long flush (103⅞ in. with end cornice), 54 in. high, 15⅜ in. deep (17⅛ in. including cornice), approximate w't packed, 630 lbs. each $121.50

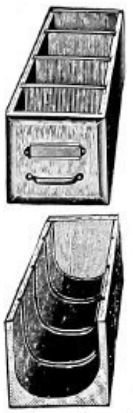
FOR BUILDERS' HARDWARE.



No. 7224 Cabinet—Contains 46 glass front drawers specially designed for builders' hardware, the removable sample boards are covered with rich red felt and dispiay the samples in a most attractive manner, 100⅜ in. long flush (103⅞ in. with end cornice); 54 in. high, 15⅜ in deep (17⅛ in. with end cornice), approximate w't packed, 645 lbs. ..... each $126.75

WARREN OAK HARDWARE AND BOLT CABINETS.





Interior view of 6 and 12 in. drawers with circular bottom. The 24 in. drawers have four spaces but flat bottom inside.

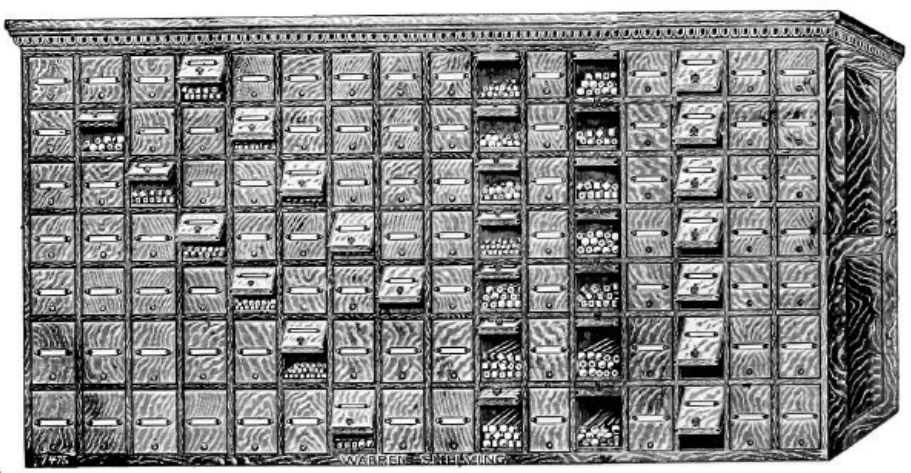
Antique Oak.

No. 7426 Cabinet—Contains 84 oak front drawers assorted 6, 12, and 24 inches wide; 14 inches long, 6 in. high; all drawers in this cabinet have brass card frames, and information card in groove on side of drawer, all 6 and 12 in. drawers have 3 removable partitions and circular inside bottoms, 100⅜ in. long flush (103⅞ in. with end cornice), 54 in. high, 15⅜ in. deep (17⅛ in. with end cornice). Approximate w't packed, 630 lbs.....each $145.73

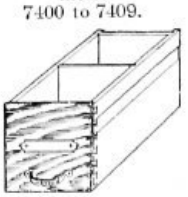
No. 7420—28 drawers 24 in. wide.....each $ 96.53
No. 7422—56 drawers 12 in. wide..... " 125.75
No. 7428—112 drawers 6 in. wide..... " 165.83
No. 7424—56 drawers assorted, 6, 12, 24 in..... " 126.81
No. 7426—84 drawers assorted, 6, 12, 24 in..... " 145.73
No. 7429—Drawers to be assorted as desired.

Antique Oak.

No. 7475 Cabinet—For bolts, the various compartments are made with a tilting front, which saves much time, as in a second it is easily slid back, giving instant access to any compartment, and after selecting the article desired it is as quickly closed, keeping each size separate and forming the appearance of a cabinet with drawers. The exertion of sliding a drawer containing from 10 to 40 lbs. weight is avoided without losing any of its conveniences, and the tilting front is not obstructed with scales or dust, as a sliding or hinged front would be. On the outside of the tilting front is a brass card frame to show size of the bolt or kind of goods; below this is a neat knob by which the front is lifted. The pigeon holes are assorted sizes, suitable for all average stocks, 100⅜ in. long flush (103⅞ in. with end cornice), 54 in. high; 15⅜ in. deep (17⅛ in. including cornice), approximate w't packed, 600 lbs.....each $103.44



Style of drawer in Cabinets. 7400 to 7409.



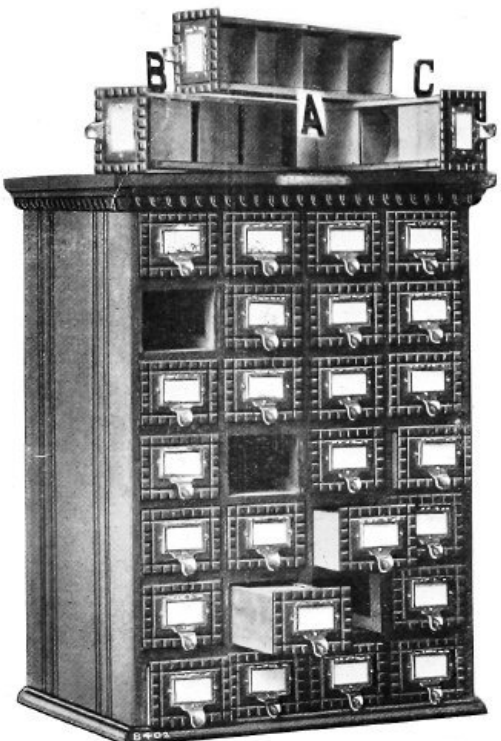
Style of drawer in Cabinets. 7410 to 7419.

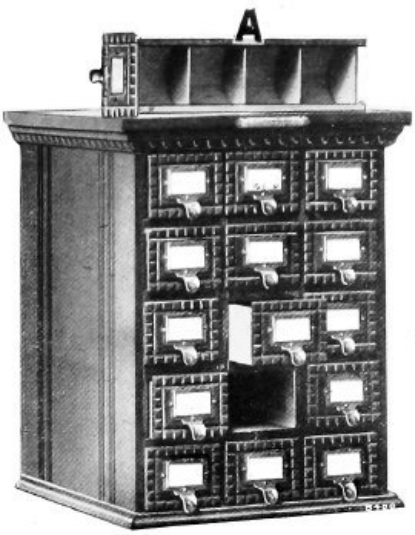
Antique Oak.

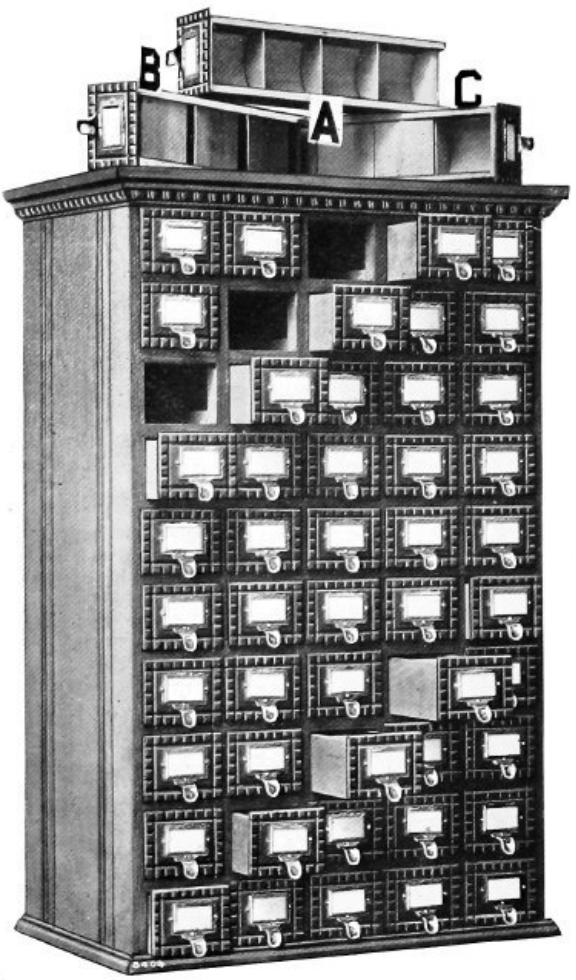
No. 7414 Cabinet—Has 56 drawers, assorted 6 in., 12 in. and 24 in. wide, 14 in. long; the five upper rows contain drawers 6 in. high and the two lower rows contain drawers 8 in. high; all drawers in this cabinet have brass card frame and one removable partition forming two spaces, information card in groove on side of each drawer, raised bottom, 100⅜ in. long flush (103⅞ in. with end cornice), 54 in. high, 15⅜ in. deep (17⅛ in. including cornice). Approximate w't packed 600 lbs.....each $112.84

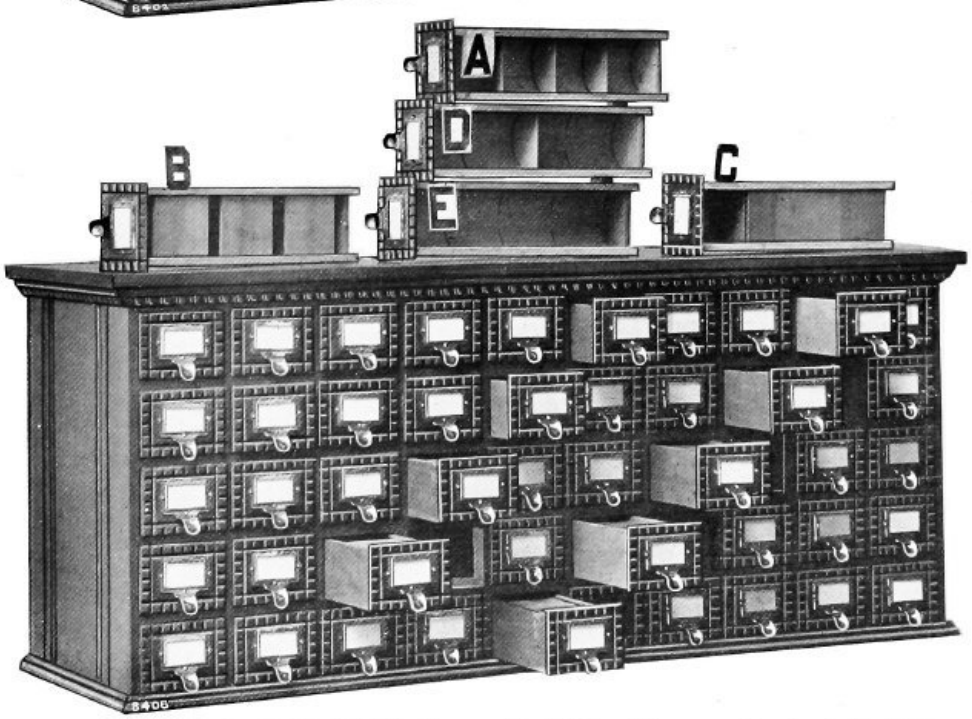
No. 7410—28 drawers 24 in. wide.....each $ 85.80
No. 7412—56 drawers 12 in. wide..... " 111.80
No. 7418—112 drawers 6 in. wide..... " 148.21
No. 7414—56 drawers assorted, 6, 12, 24 in. wide..... " 112.84
No. 7416—84 drawers assorted, 6, 12, 24 in. wide..... " 129.88
No. 7419—Drawers to be assorted as desired.

WARREN SCREW CABINETS.







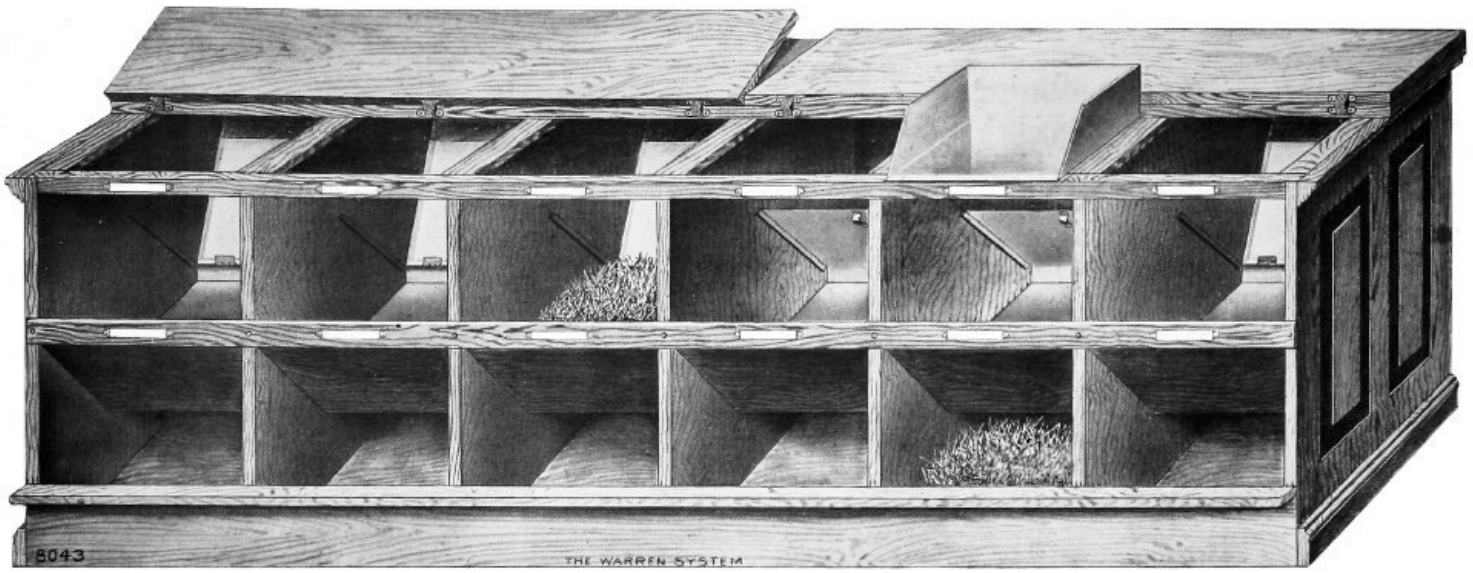


Antique Oak, Hand Rubbed Finish, Ornamental Oak Front Drawers, Circular Inside Bottoms, Three Removable Partitions, Brass Pulls and Label Holders, Rich Cornice Moulding, Beaded Ends, Matched Backing.

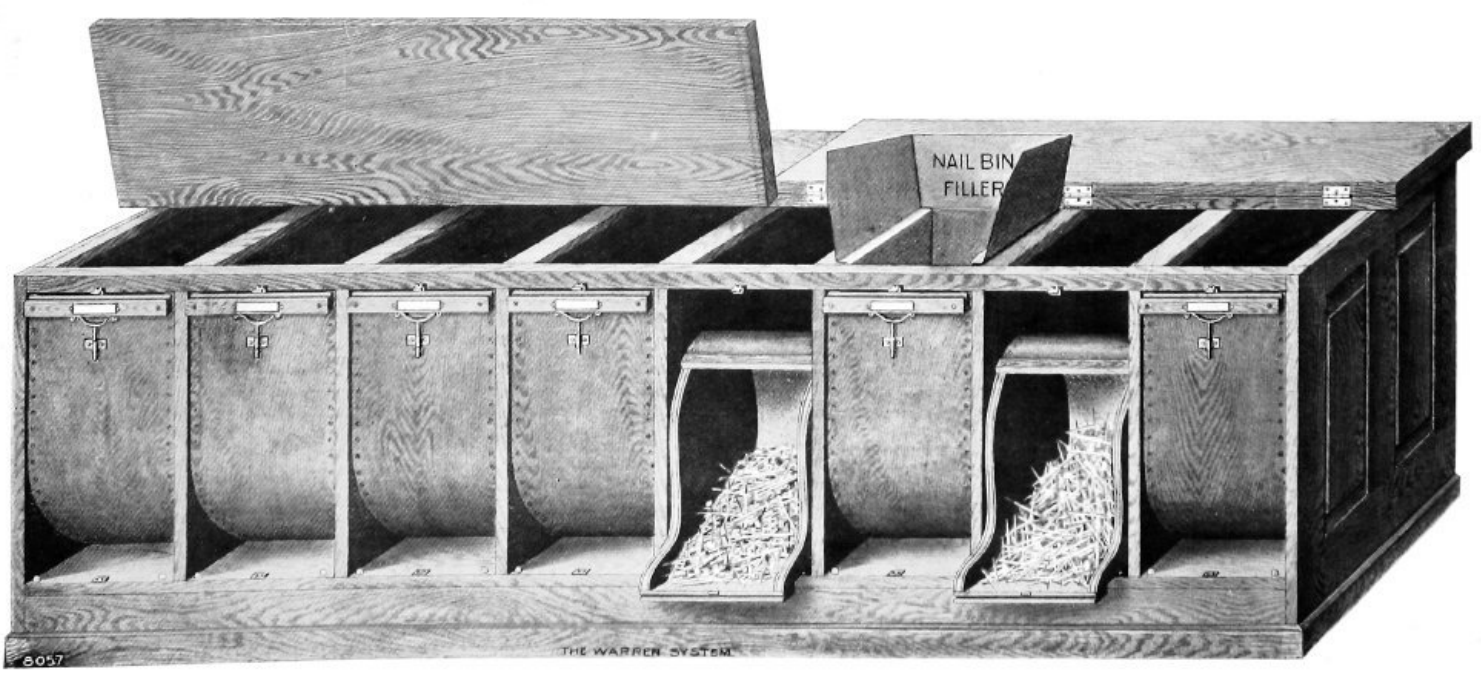
Adapted to all kinds of screws, screw hooks and eyes, small nuts and bolts, small butts, cotter pins, belt hooks, rivets, etc.; each drawer is divided into four spaces by removable partitions and furnished with solid brass pull and label holder, the smallest space will hold one gross 1 inch No. 10 screws; two spaces (removing one partition) will hold one gross 3 inch No. 12 screws; three spaces will hold one gross 4 inch No. 12 screws; four spaces will hold one package (one-half gross) 4 inch No. 20 screws. The compartments of each drawer save space and contain different sizes that are before the customer for selection and often save the trouble and time of looking into another drawer.. The drawers have sliding glass or wood covers, which close all but one of the four spaces in each drawer, prevents mixing, and enables instantly selecting the desired size, a few can be picked out, or a portion, or all quickly poured out, without spilling the contents in the other spaces. Thoroughly practical in storing and rapid in operating.

No. 8400—15¾	in. long, 18⅜	in. high, 15¾	in. deep, contains 15 drawers 3×4×14½	in., capacity 60	spaces, shipping w't 100 lbs.....	each $16.94
No. 8402—20	in. long, 26	in. high, 15¾	in. deep, contains 28 drawers 3×4×14½	in., capacity 112	spaces, shipping w't 125 lbs.....	" 27.12
No. 8404—24	in. long, 35	in. high, 15¾	in. deep, contains 50 drawers 3×4×14½	in., capacity 200	spaces, shipping w't 155 lbs.....	" 44.00
No. 8405—45¾	in. long, 19⅛	in. high, 15¾	in. deep, contains 50 drawers 3×4×14½	in., capacity 200	spaces, shipping w't 155 lbs.....	" 44.00
No. 8408—45	in. long; 45	in. high, 15¾	in. deep, contains 130 drawers 3×4×14½	in., capacity 520	spaces, shipping w't 400 lbs.....	" 98.00

WARREN NAIL BIN COUNTERS.

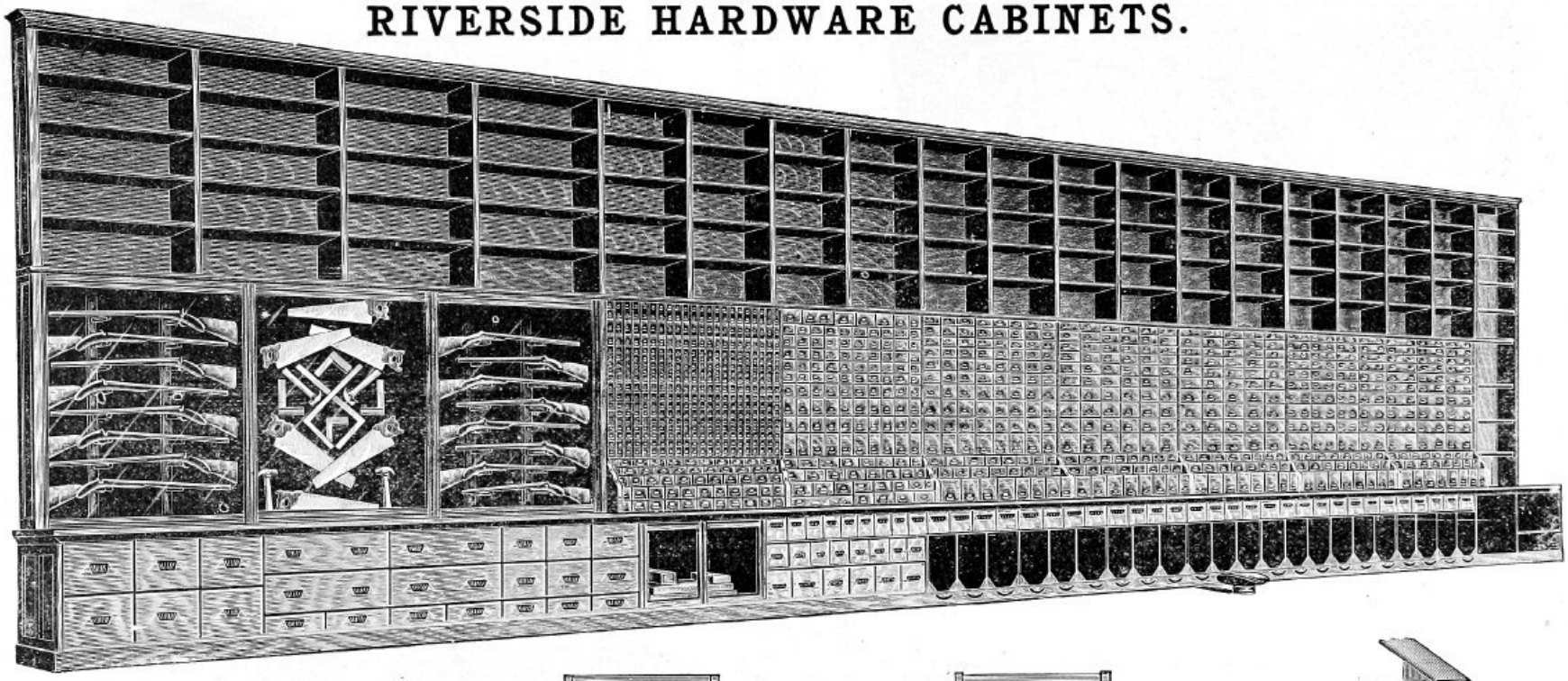


No. 8043 Counter—For nails, contains 12 bins, each holding 150 lbs., bottoms of bins recede toward the center from front and back, with projecting ledge in front of all bins to place scale scoop under. Through an ingenious device, any bin in upper or lower row can be quickly filled (while the other bins are full) through the raised top, which, when closed has the appearance of a solid top; 104 in. long, 31½ in. high, 30 in. deep, approximate w't packed 400 lbs. each..... $85.50

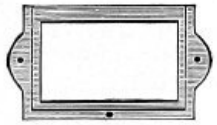


No. 8057 Counter—For nails, contains 8 revolving bins, each holding 150 lbs. of nails, into which a keg of nails can be emptied and removed in less than a minute. The bins are filled through the raised top, which, when closed has the appearance of a solid top. Each bin is independent of the other, and through a very unique device is self-balancing and only a slight effort is required to raise and lower to any position. Each bin, when open, projects out over the scale scoop, thus preventing nails being scattered; 104 in. long, 31½ in. high, 30 in. deep, approximate w't packed, 450 lbs..... each $92.35

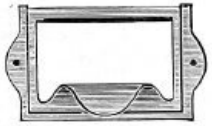
RIVERSIDE HARDWARE CABINETS.



Pulls for Large Drawers in Cabinet.



Label Holders for Large Drawers in Cabinet.



Label Holder and Pull for Small Drawers in Cabinet.

Corner of Drawer Showing Fold of Tin.

The day of the slip-shod hardware store is past. System and neatness pay an increasing dividend in saving of time and protection of goods from injury. The modern hardware store must not only be clean, but the stock must be available for the intending purchaser, without the petty delays and annoyances of being unable to locate an article when wanted. The old adage of "goods well bought are half sold" should read, "goods well bought and properly kept can always be sold."

The modern hardware store (because of the great diversity in the wants of the people) must carry a stock commensurate with the demand of its trade. Under the most favorable circumstances the space usually available in a store of this character is limited. The usual hap-hazard arrangement of the shelving and boxes prevents flexibility or expansion. Counters are usually a necessity and simply add to the confusion existing.

The cabinet system, properly arranged, has been found by experience to be the most practical arrangement of a hardware stock, or in fact any general stock of a like nature. It saves enough space at the start to pay for itself in a short time. Counters are not necessary—in fact it is better to do away with them entirely, as every item in this store has a definite place. There is no need of losing sales on account of not being able to find an article when wanted.

To all wide awake modern hardware merchants, we offer the Riverside hardware cabinets and shelving as the simplest and most economical form of arranging a modern hardware store.

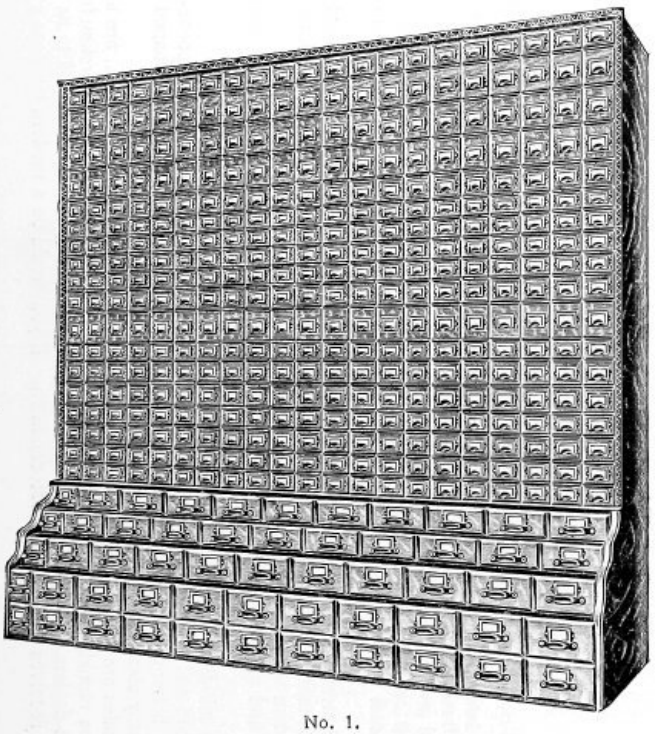
They consist of cabinets, open cabinets, bases, shelving and wall show cases. The bases are sub-divided into bolt bases, nail bins, open bases, etc.

They are made of the best quarter sawed oak, finished in natural color, thoroughly filled, rubbed and coated with Berry's white shellac varnish. They present an appearance not surpassed by any interior store finish. The drawers in cabinets are of Old Process roofing tin bottom and sides with oak front and basswood back. The tin is so shaped and folded, as shown in cut, that the drawer is very stiff, keeps its form, occupies little space and is easily cleaned. The pulls and label holders are bronze metal.

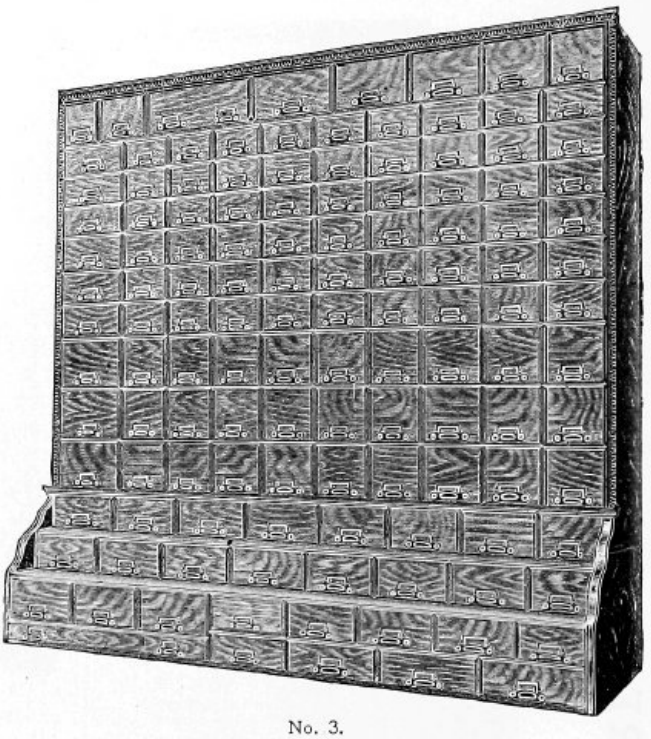
The drawers in the bases are of wood complete partitioned for the articles desired. The handles are of oak, strong, neatly modeled. The moulding, cornice, etc., are all of neat design. If one cabinet or base only is ordered, it is finished complete. If more than one, the mouldings and beadings are continued so that they present one unbroken front.

The general arrangement is the result of years of experience by hardware men, salesmen and dealers. One piece may be purchased at a time and may be added to as the stock increases and trade warrants. They are carefully crated and shipped so that the customer receives them in perfect condition. If you would do a modern business equip your store in the modern way.

RIVERSIDE HARDWARE CABINETS.



No. 1.



No. 3.

Quarter Sawed Oak, Natural Color, Hand Rubbed, Bronze Metal Pulls and Label Holders.

No. 1—433 drawers from 10⅞×2¼×1½ to 19×5×2½ in., height of cabinet 63 in., length 64 in., depth at top 12 in., depth at base 20 in., complete with set of printed labels, shipping weight 600 lbs., - - - - - - - - - - each $100.00

No. 2—370 drawers same general measurements as No. 1, the four rows of drawers used for screws in No. 1 are changed to two rows for butts in No. 2, complete with set of printed labels, shipping weight 550 lbs., - - - - - - - each 93.75

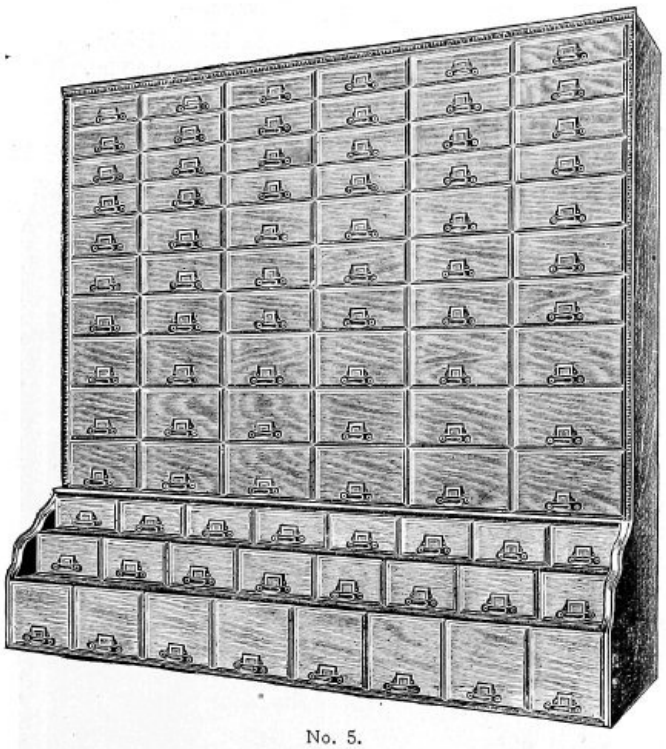
No. 4.

No. 3—127 drawers from 10⅞×5⅛×2¼ to 19×25×2 in., height of cabinet 63 in., length 64 in., depth at top 12 in., depth at base 20 in., sub-base is used for broad-axes, hatchets, hammers, and the top for locks, knobs, butts, brackets, etc., complete with set of printed labels, shipping weight 500 lbs., - - - - - each $87.50

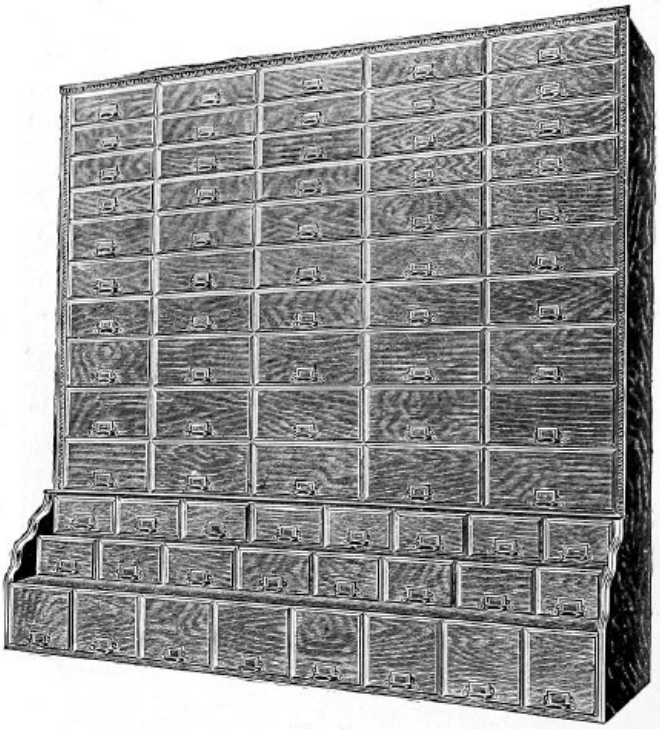
No. 4—104 drawers from 10⅞×7×2¼ to 19×7¼×6½ in., height of cabinet 63 in., length 64 in., depth at top 12 in., depth at base 20 in., this cabinet is intended for general hardware to take the place of box shelving, the two bottom rows in sub-base of No. 3 are changed to one row in No. 4, complete with set of blank labels, shipping weight 500 lbs., - - - - each 81 25

FOR FURTHER DESCRIPTION SEE PAGE 1252A.

RIVERSIDE HARDWARE CABINETS.



No. 5.



No. 6.

No. 7.

Quarter Sawed Oak, Natural Color, Hand Rubbed, Bronze Metal Pulls and Label Holders.

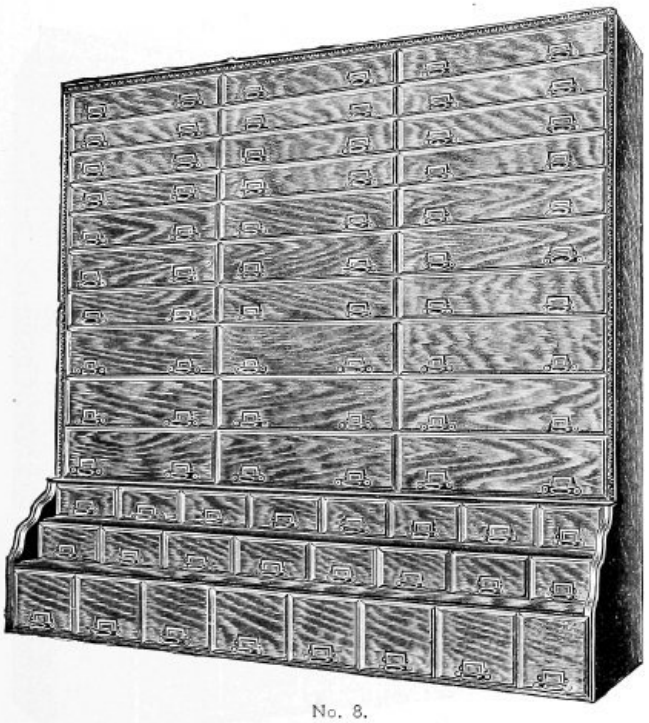
No. 5—84 drawers from 10⅞×9¾×3 to 19×7½×6½ in., with sub-base same as No. 4, height of cabinet 63 in., length 64 in., depth at top 12 in., depth at base 20 in., complete with set of blank labels, shipping weight 475 lbs., - - - - - - - - each $75.00

No. 6—74 drawers from 11×11¾×3 to 19×7⅞×6½ in., with sub-base same as No. 4, height of cabinet 63 in., length 64 in., depth at top 12 in., depth at base 20 in., complete with set of blank labels, shipping weight 450 lbs., - - - - - - - - each 68.75

No. 7—64 drawers from 10⅞×15×2⅞ to 19×7¾×6½ in., with sub-base same as No. 4, height of cabinet 63 in., length 64 in., depth at top 12 in., depth at base 20 in., complete with set of blank labels, large drawers have two handles, shipping weight 450 lbs., - - each 62.50

FOR FURTHER DESCRIPTION SEE PAGE 1252A.

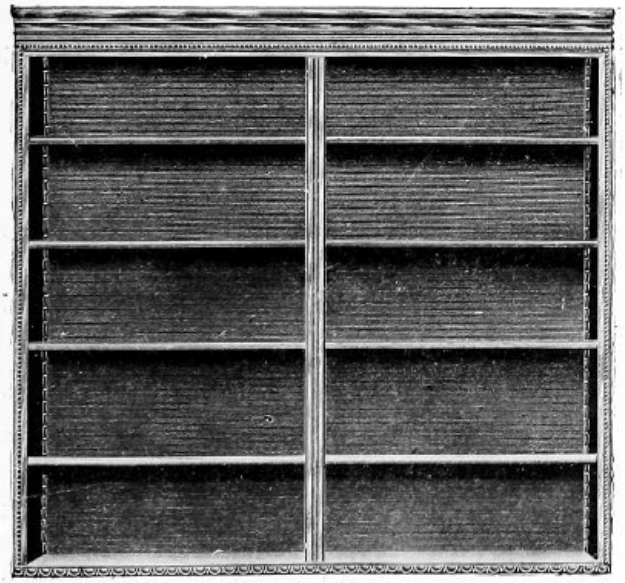
RIVERSIDE HARDWARE CABINETS.



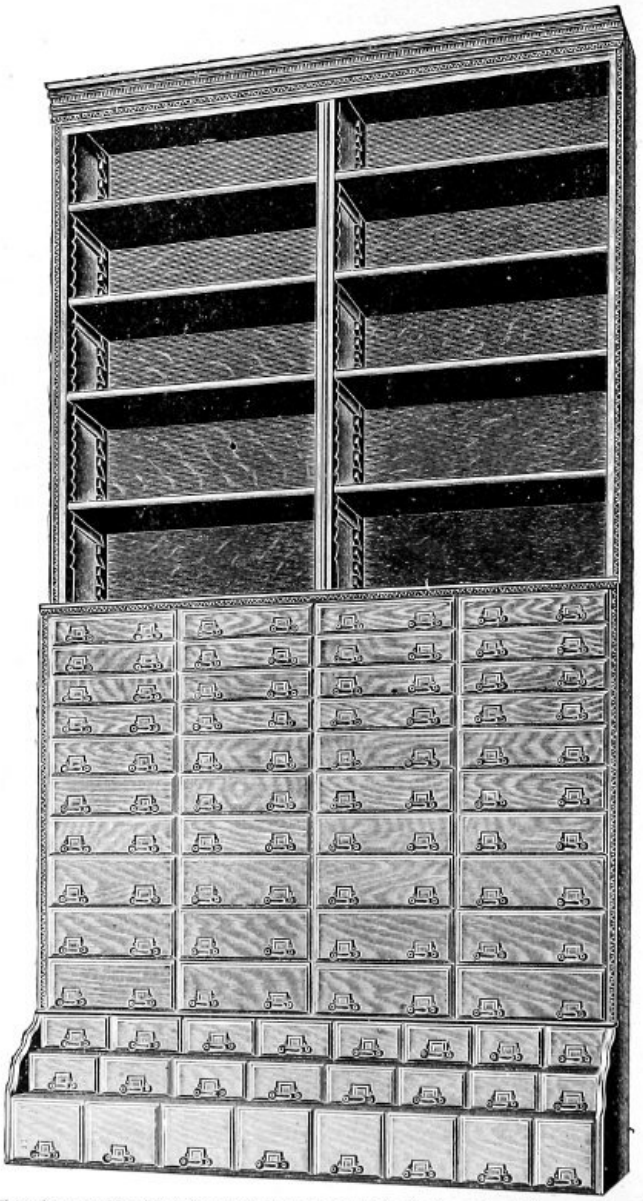
No. 8.

Quarter Sawed Oak, Natural Color, Hand Rubbed, Bronze Metal Pulls and Label Holders.

No. 8—54 drawers from 10⅞×20×3 to 19×8×6½ in., with sub-base same as No. 4, height of cabinet 63 in., length 64 in., depth at top 12 in., depth at base 20 in., complete with set of blank labels, shipping weight 450 lbs., - - - - - - - - each $56.25



No. 130.



This shows a No. 70 Cabinet with an open Cabinet above it, giving an idea of how the shelving appears when in actual use.

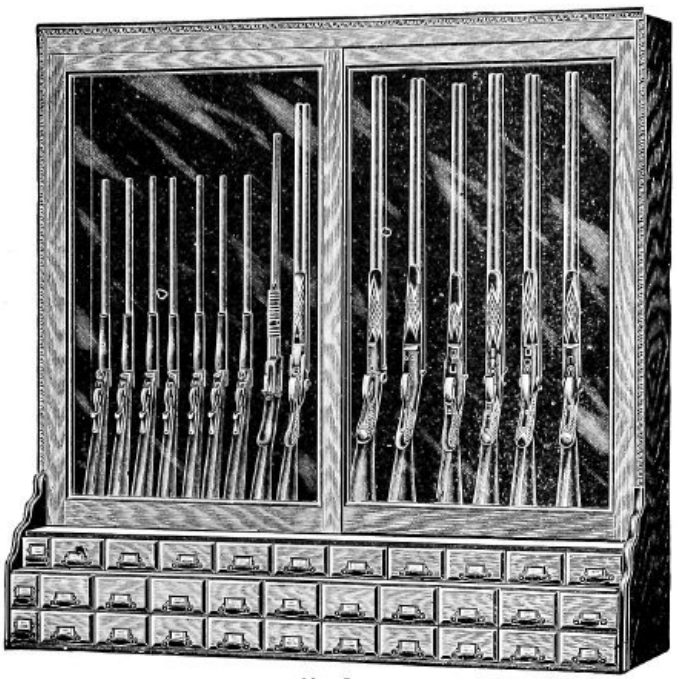
Quarter Sawed Oak, Natural Color, Hand Rubbed.

No. 130—Open cabinet, placed between the regular cabinet and ceiling to carry surplus stock, finished in the same careful manner as the cabinets, and makes fine and most substantial shelving, can be made any height to fill space between regular cabinet and ceiling, but unless otherwise ordered, is shipped in regular size as follows: height 63 in., length 64 in., depth 12 in., with back, furnished with removable shelves one foot apart, as illustrated, shipping weight, 250 lbs., - - - - - - each $16.88

FOR FURTHER DESCRIPTION SEE PAGE 1252A.

RIVERSIDE HARDWARE CABINETS.

GUN SHOW CASES.

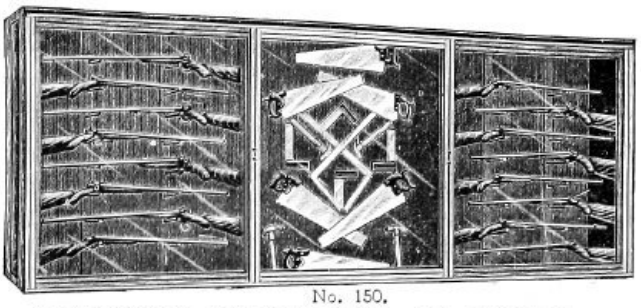


No. 9.

Quarter Sawed Oak, Natural Color, Hand Rubbed, Bronze Metal Pulls and Label Holders.

No. 9—Height 63 in., length 64 in., depth at top 12 in., depth at base 20 in., sliding glass door, holds 20 guns, has 33 drawers in base for ammunition and gun supplies, each - - - - - - - - - - $56.25

WALL SHOW CASES.



No. 150.

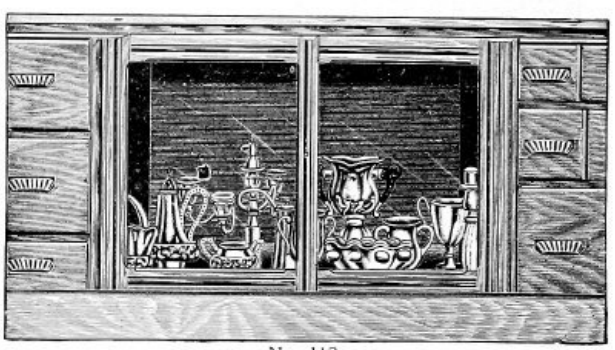
Quarter Sawed Oak, Natural Color, Hand Rubbed.

No. 150—Without shelves but with brackets as shown, per running foot - - - - - - - - - $6.25

No. 155—With shelves, one foot apart, per running foot 7.50

This is one of the most indispensible articles to a well ordered store. It is made of highly seasoned quarter sawed oak panelled and beaded, with fancy top cornice same as on the cabinets, sliding glass doors on metal runs, double strength AA glass and lined with black cloth. Complete with brackets or shelves as ordered, specially designed to show guns, rifles, sporting goods, tools, etc Height 63 in., depth 14 in. outside.

SILVERWARE BASES.



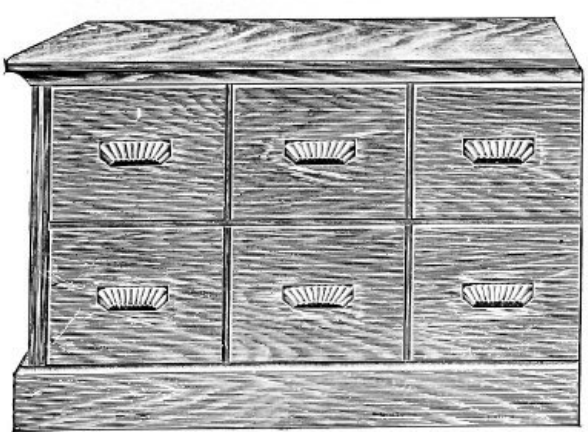
No. 113.

Quarter Sawed Oak, Natural Color, Hand Rubbed.

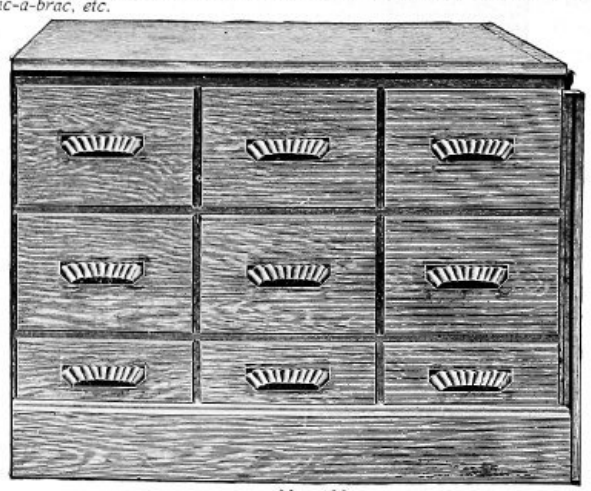
No. 113—Double strength sliding glass doors on metal runs; is practically dust proof, height 33 in., depth 32 in., shipped as shown, unless otherwise ordered, per running foot $7.50

This is the base that can be used for display of silverware, tinware or fancy goods, bric-a-brac, etc.

BASES.



No. 100.



No. 102.

Quarter Sawed Oak, Natural Color, Hand Rubbed.

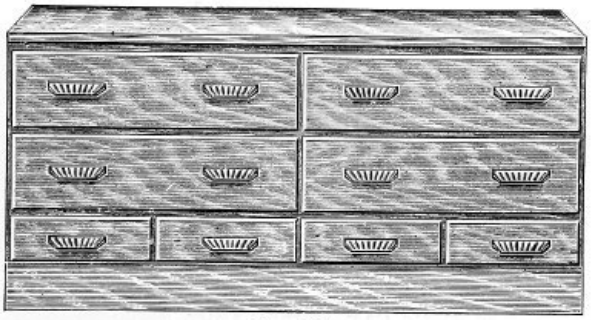
No. 100—6 drawers all same size,—23×14×11 in., height of base 33 in., depth 32 in., shipped as shown but made up with any size drawers, as ordered, - per running foot $7.50

No. 102—9 drawers 23×12¼×8¼ to 23×12½×3½ in., height of base 33 in., depth 32 in., shipped as shown but made up with any size drawers as ordered, - per running foot 7.50

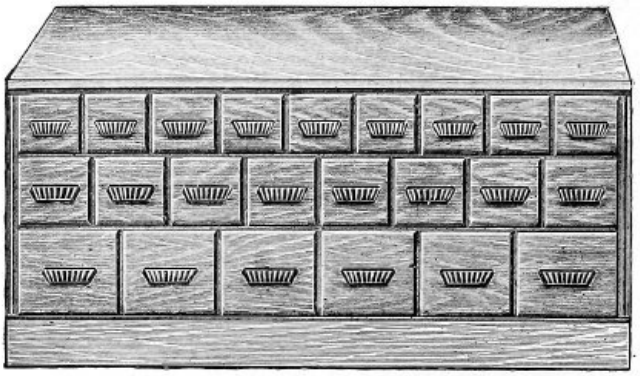
Shipping weight on all the above Cases per running foot, 45 lbs.

FOR FURTHER DESCRIPTION SEE PAGE 1252A.

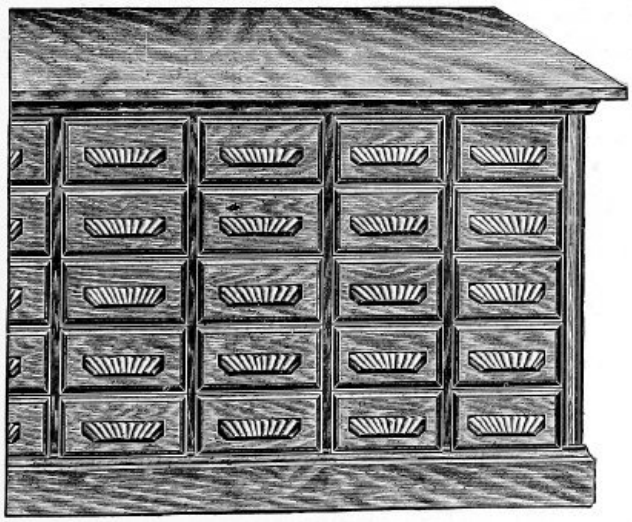
RIVERSIDE HARDWARE BASES.



No. 104.



No. 108.



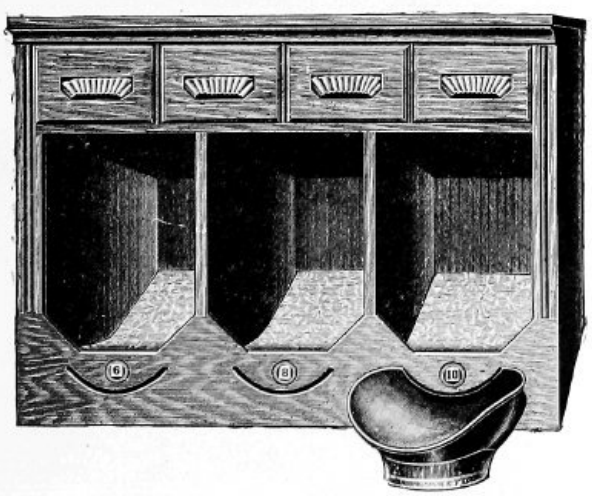
No. 109.

Quarter Sawed Oak, Natural Color, Hand Rubbed.

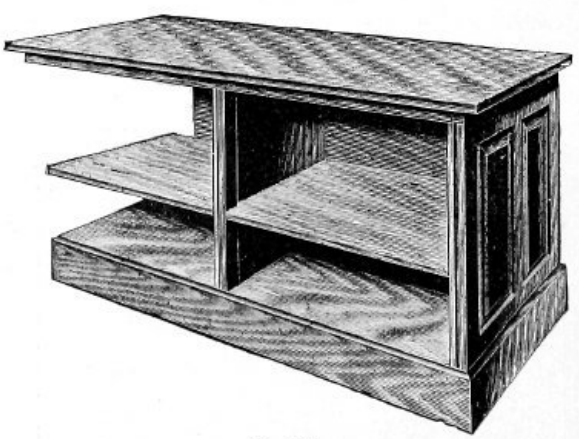
No. 104—For hardware, 8 drawers from 23×15×4 to 23×33×8¼ in., height of base 33 in., depth 32 in., shipped as shown but made up with any size drawers as ordered per running foot - - - - - - - - $7.50

No. 108—For bolts, 23 drawers from 23×5×5 to 23×8¼×9 in., height of base 33 in., depth 32 in., shipped as shown but made up with any size drawers as ordered, per running foot - - - - - - - - - 7.50

No. 109—For bolts, 55 drawers, from 23×7×3½ to 23×10½×3½ in, base is made up 11 ft. long and 33 in. wide when complete, arranged for partitions, shipped as above or made up as ordered, - per running foot 8.12



No. 115.



No. 125.
Showing end finish and panels.

No. 115—Bins for nails, heavy galvanized steel bottoms and are 18×14×29 in., scoop fits into slot below bin, as shown, and nails cannot be spilled, labels are supplied for placing on bins as ordered, height 33 in., depth 32 in, drawers above bins are 23×8¼×15 in., price does not include scoop, shipped as shown unless otherwise ordered, - - - - - - - - per running foot $6.25

No. 125—Open base, height 33 in., depth 32 in., with removable shelves, shipped as shown, but made up to any special order with any number of shelves, - - - - - - - - - - - - - - - - - - per running foot 4.38

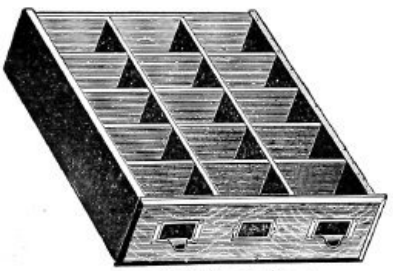
Shipping weight on alt the above cases, per running foot 45 pounds.

FOR FURTHER DESCRIPTION SEE PAGE 1252A

H. S. B. & CO'S SCREW CASES.

BRIGHT SCREWS		
JAPANNED SCREWS		
BLUED SCREWS		
BRASS SCREWS		
NICKELPLATED SCREWS		
TIRE BOLTS		
STOVE BOLTS		
3/8	1	2 1/4
1/2	1 1/4	2 1/2
5/8	1 1/2	2 3/4
3/4	1 3/4	3
7/8	2	3 1/2

Card of Labels.



Interior of Drawers.

No. 210. 14 Drawers.

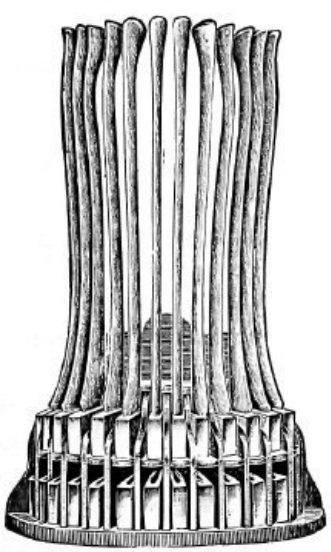
Oak Front Drawers, Cherry Stained Case, Brass Pulls and Label Holders.

No. 150—10 drawers, 150 compartments, height 23 in., width 30 in., depth 16½ in., weight about 80 lbs., - - - each $15.00

No. 210—14 drawers, 210 compartments, height 31½ in., width 30 in., depth 16½ in., weight about 100 lbs., - - - " 18.00

These cases are designed especially for screws, small bolts and fittings. Each drawer is divided into fifteen compartments, size 2½×3¾×3 in., with strong wood partitions. The spaces are large enough to hold a package of any size screws. The drawers are fitted with a safety appliance to prevent accidental dropping and spilling of contents.

With each case are furnished seven cardboard sheets of labels, marked so that they can be readily cut apart and exactly fit the holders supplied to each drawer. The long strips designating the class of goods can be attached to or between the drawers as desired. By putting all screws of a length in separate rows, this will allow five numbers for each. Stove bolts can be arranged in the same manner, 3/16 and ¼ in. round and flat head being in one series of compartments. By this arrangement one large case can be used for several kinds of screws, stove and tire bolts; the balance of these goods being in full packages on the shelves.



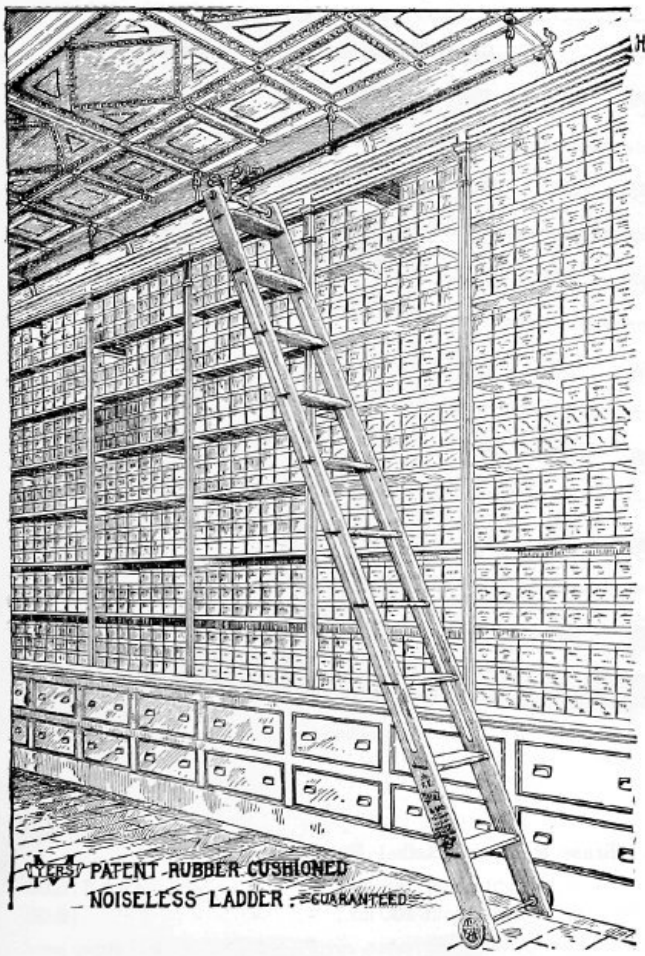
SENSIBLE AXE RACKS.

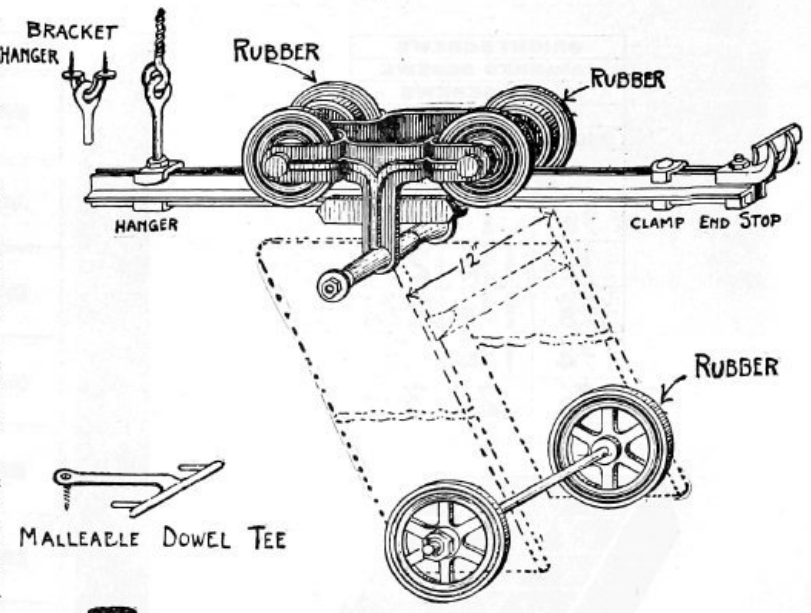
Can be used on the counter or on the wall by supporting with brackets. For counter use a fine display can be made by placing two racks back to back. The rack is ornamental and attractive, and will save its cost by keeping axes off the floor, away from the dirt and sprinkler.

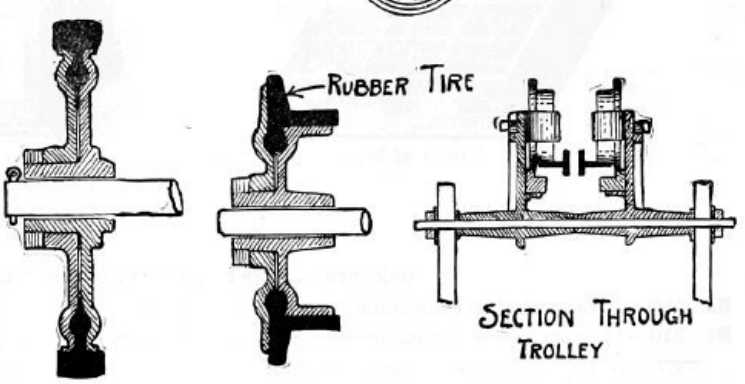
No. 10—Width 28 in., depth 14 in., holds 16 handled and 16 unhandled axes, painted red, weight 21 lbs., - - - - - - - - - - - each $4.50

ONE IN A CRATE.

MYERS' CUSHION TIRE STORE LADDERS.







For Shipment from Factory.

Ladder and Trolley, complete, average weight 60 lbs., - - - - - - - - - - - - - - each $16.00

Track, complete with hangers, weight per ft. 2 lbs., - - - - - - - - - - - - - - per foot .30

DIRECTIONS FOR FITTING.

To find the required length of store ladder for any room, subtract from the height of the room 11 in. (this being the amount of space required by hangers, track and trolley); multiply the remainder by one and one tenth; the result will be the length of the ladder from hole at top to bottom of ladder.

The track is the well known double angle steel rail, which is very neat and strong, and is suspended from ceiling by means of lag screws, either jointed or rigid, or by flanged plates and wood screws. By this means the track is placed close to the ceiling and can be leveled on an uneven ceiling without the least trouble, and without any blocking or bridging, as is the case in many other tracks.

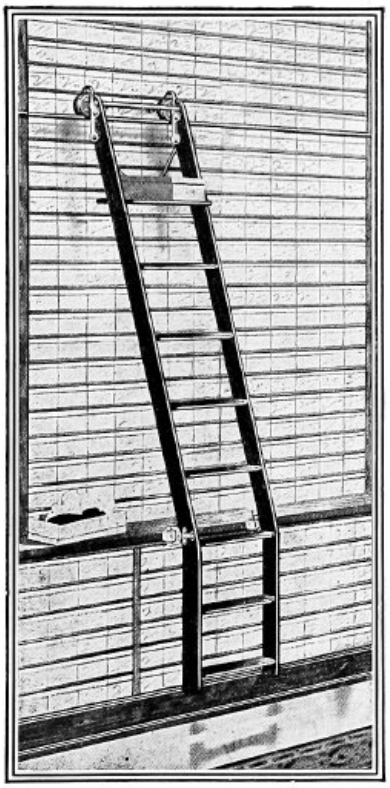
The ladder is constructed of the best clear Georgia pine, nicely finished, filled and varnished; has open panel sides 5 in. wide, with 5 in. steps. Each step is supported at each end with a special malleable dowel tee, which makes the strongest construction possible. The width of the ladder is 12 in.

The trolley is self-adjusting and made of malleable iron fitted with turned steel bearings and 3 in. anti-rattler wheels, turned and bored on lathe and fitted with special rubber tires.

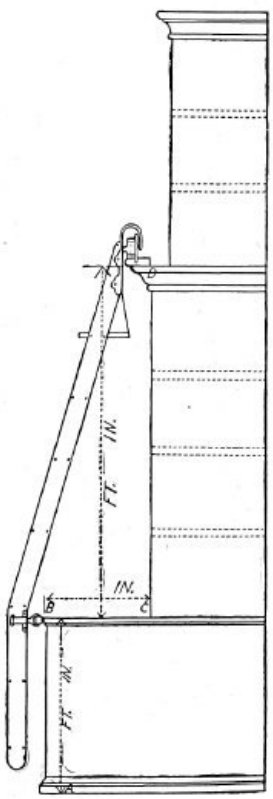
The floor travelers are 5 in. in diameter, composed of metal sides with rubber cushion tires clamped in such a position as to be impossible to get off or come loose. These wheels are placed on a steel axle which revolves with one of the wheels, the other running loose. In this manner the ladder will adjust itself to the floor. With this style trolley, which is noiseless, a great objection in other ladders is overcome.

When the ladder is not the proper length for ceiling, cut off at the bottom and replace the lower traveler shaft by boring new holes at the proper point so as to have the steps of the ladder level.

MILBRADT BENT ROLLING STORE LADDERS.



Showing No. 1 bent ladder, which runs on a track fastened to shelving near the top and runs close to wide base shelf.



Showing No. 10 bent ladder, which runs on track screwed on top of original low shelving.

The MILBRADT rolling step ladders are all made to order, and to fit each particular place, of good oak lumber, in the most artistic and neatest style, handsomely finished, are durable and perfectly safe, as they cannot jump the track. They take up the least possible space, run noiselessly and so easily, either empty or with operator upon them, that a slight push will propel a ladder the length of an ordinary store. These ladders have an extra wide shelf at the top, which affords great convenience in handling stock. All iron work on ladders, as well as the brackets to hold up steel track, is malleable, artistic and strong and aluminum finished.

No. 1—Runs on steel track which is fastened to shelving near the top and has rubber rollers attached to the lower end, that run against the edge of base shelf. This ladder is best for all-around purposes, where shelving is reasonably strong.

No. 2—Is intended for shelving that is not very strong, as most of the weight of the ladder and operator rests on the floor. This ladder runs on a hardwood track fastened to shelving near the top to guide it and has attached at the bottom cushion tired wheels that run on the floor, but no track is used on the floor.

No. 10—Is a bent ladder that runs on a flat hardwood track that is screwed on top of original low shelving. When top of shelving is reasonably strong this is very often the most convenient way to apply a ladder to this style of shelving.

No. 15—Is a Trolley or Ceiling ladder that suspends from a track fastened to ceiling. Ladder has attached at the top, suitable iron in which paper filled wheels run noiselessly on the steel track. It also has attached at the bottom, cushion tired wheels that run on the floor. This ladder is very strongly built and specially adapted for Hardware stores or any place of business where heavy goods are handled.

No. 1—Ladder complete, with fixtures,	each	$15.00
No. 2—Ladder complete, with fixtures,	"	15.00
No. 10—Ladder complete, with fixtures,	"	15.00
No. 15—Ladder complete, with fixtures,	"	14.00
Steel Track—For No. 1, regular strength, including brackets and screws,	per foot	.35
Steel Track—For No. 1, extra strong, including brackets and screws,	per foot	.45
Steel Track—For No. 15, including brackets and screws,	per foot	.35
Hardwood Track—For No. 2, complete,	"	.25
Hardwood Track—For No. 10, complete,	"	.20

HOW TO ORDER.

Ladders as Nos. 1 and 2 give the exact height from floor to top of base shelf; the exact width or projection of base shelf and then the exact height from top of base shelf to top of shelf to which track is to be fastened and the track should be fastened to a shelf that is about 3 ft. down from the top.

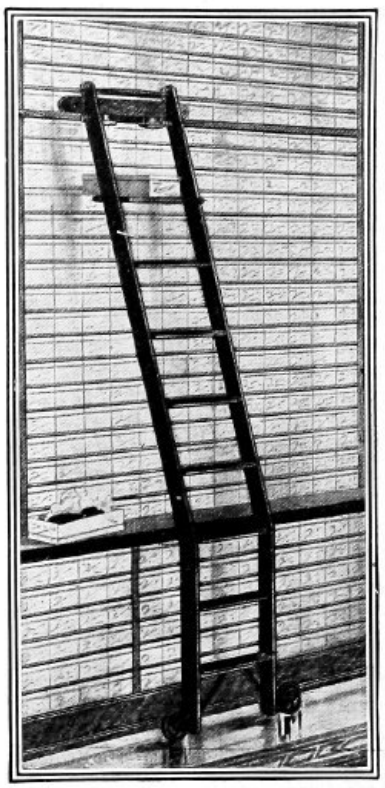
Steel track for ladders No. 1, both regular and extra strong, are 1 inch in diameter and therefore do not block up any space, when fastened up opposite the edge of shelf. When ordering steel track give the total length of each line of shelving; second, give distance from center to center of uprights and state how many brackets are required to hold up the steel track. For regular steel track the brackets cannot be more than 4 ft. apart. When the uprights to which brackets are to be fastened are more than 4 ft. apart it is necessary to use extra strong steel track.

Ladder No. 10, give the exact height from floor to top of base; the width or projection of base and then the exact height from base to the top of shelving or cornice on top of which track is to be fastened. Also state how much the cornice or moulding on top of which track is to be fastened projects out over lower part of shelving.

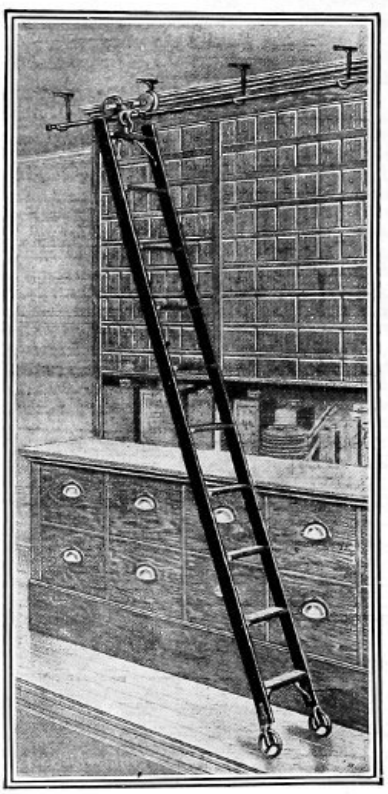
Trolley ladder No. 15, it is only necessary to give the exact height from floor to ceiling and the exact length of each line of track wanted.

To order wood track for ladders No. 2 and 10, it is only necessary to state the number of feet required.

FOR FURTHER INFORMATION WRITE FOR SPECIAL ROLLING LADDER CATALOGUE.



Showing No. 2 bent ladder, which runs on floor

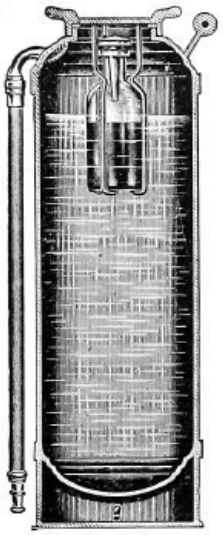


Showing No. 15 trolley or ceiling ladder, which suspends from a track fastened to ceiling.

FIRE EXTINGUISHERS.

H. S. B. & CO.'S.

Outside View.



Sectional View.

No. 10—Copper cylinder, height 21 in., diameter 7 in., capacity about 3 gals., brass screw top, w't 22 lbs., - each $15.00

No. 15—Copper cylinder, height 23 in., diameter 9 in., capacity 5 gals., w t 30 lbs., - - - - - each 20.00

Made of special cold rolled Lake Superior copper, which is very homogeneous and of great tensile strength. All seams are riveted by hand and lead sweated. Actual tests have proven these seams much stronger than the solid metal. All fittings are of brass, carefully fitted by expert workmen. Improved goose-neck hose-connection, which leaves the hose hanging straight down and prevents moisture remaining therein to decay the rubber. Extra heavy, chemically treated rubber hose. Solid lead nozzle, without stopcocks or valves to get out of order. Each extinguisher before being packed is tested with a pressure of 300 pounds to the square inch, which is more than double the pressure generated when the extinguisher is used.

Insurance statistics show that ninety per cent. of all fires are discovered in their incipiency, and if means were at hand for extinguishing them, nine out of every ten could be put out as soon as discovered.

A chemically charged stream, as a fire extinguisher, is forty times as effective as water. An H. S. B. & Co. Fire Extinguisher is charged by filling the copper cylinder with water to within four inches of the top and mixing into this 1½ pounds bicarbonate of soda in No. 10 and 2½ lbs. in No. 15. Attached to the removable head of the extinguisher is a brass cage holding an 8-ounce bottle in No. 10 and 12-ounce bottle in No. 15, which is half filled with sulphuric acid. This bottle is closed by a tapering-shank solid lead stopper. To discharge the extinguisher it is turned bottom up, when the lead stopper at once drops out, allowing the sulphuric acid to mix with the soda solution, and creating a large volume of carbonic acid gas. This gas produces a pressure sufficient to throw a stream of the chemical fifty feet, reaching into places which it is otherwise difficult to get at. This stream will instantly put out an oil or gasoline fire, which water alone would only spread.

Equally well adapted for use in stores, factories, barns, stables and residences

In shipping, the sulphuric acid is retained in the bottle by a rubber stopper. This should be removed and the metal stopper inserted in place. The extinguisher can be used innumerable times with no other expense than the cost of sulphuric acid and soda. Extinguishers should be re-charged once a year. Where exposed to zero temperature, add two pounds of salt to the solution. There is nothing to get out of order, no cocks to open or close; simply leave it alone until wanted, then invert and it will do the rest.

HARDEN HAND GRENADES.

No. 4.

No. 7.

No Corrosion, No Freezing, No Danger of Explosion.

No. 4—STAR, capacity 1 qt., w't per dozen 60 lbs., per dozen, - - - - - - - - - - $10.00

No. 7—Tubular, floral design, capacity 1 qt., size 2½ × 18 in., w't per dozen 58 lbs., - - - per dozen 10.00

To extinguish a blaze throw the grenades as near the base of the fire as possible, in quick succesion. In using the tubular pattern, grasp the lower end of the grenade and with a quick blow break off the top just under the cork, throw the liquid at the base of the flame vigorously

HALF OR ONE DOZEN IN A CASE. WE DO NOT BREAK CASES.

BUCKLES.

WROUGHT ROLLER, BENT HEEL.

Sizes	⅝	¾	⅞ in.
W't per gro.	2	3	4 lbs.
No. 40—Japnd, per gross	$0.66	.84	1.08
Sizes	1	1⅛	1¼ in.
W't per gro.	5	6	7 lbs.
No. 40—Japnd, per gross	$1.30	1.64	1.80
Sizes	1½	1¾	2 in.
W't per gro.	10	11	15 lbs.
No. 40—Japnd, per gross	$2.14	2.60	3.40

⅝ AND ¾ IN., TWO GROSS; ⅞ AND 1 IN., ONE GROSS; BALANCE, HALF GROSS IN A BOX.

BARREL ROLLER.

Sizes	½	⅝	¾ in.
W't per gro.	2	3	4 lbs.
No. 50—Japnd, per gross	$0.84	.92	1.10
No. 55—XC plate, "	.92	1.10	1.30
Sizes	⅞	1	1⅛ in.
W't per gro.	5	6	7 lbs.
No. 50—Japnd, per gross	$1.30	1.52	1.70
No. 55—XC plate, "	1.52	1.70	2.10
Sizes	1¼	1½	1¾ in.
W't per gro.	8½	11	15 lbs.
No. 50—Japnd, per gross	$2.10	2.50	3.12
No. 55—XC plate, "	2.50	3.12	3.80
Sizes	2	2¼	2½ in.
W't per gro.	18	22	26 lbs.
No. 50—Japnd, per gross	$3.80	4.40	5.00
No. 55—XC plate, "	4.40	5.10	5.80

½ AND ⅝ IN., TWO GROSS; ¾, ⅞, 1 AND 1⅛ IN., ONE GROSS; 1¼ AND 1½ IN., HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

BARREL ROLLER, HEAVY PATTERN.

Sizes	¾	⅞	1	1⅛ in.
W't per gro.	5	5½	8	8½ lbs.
No. 60—Japnd, per gro	$1.30	1.52	1.84	2.30
Sizes	1¼	1½	1¾ in.	
W't per gro.	11	15	16 lbs.	
No. 60—Japnd, per gross	$2.60	3.24	3.90	
Sizes	2	2¼	2½ in.	
W't. per gro.	22	26	27 lbs.	
No. 60—Japnd. per gro.	$4.65	5.90	6.50	

¾ AND ⅞ IN., ONE GROSS; 1, 1⅛, 1¼, 1½ IN., HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

LOOSE ROLLER, WIRE PATTERN.

Imitation Rubber, Oroide Roller and Tongue and Nickel on Iron.

Sizes	½	⅝	¾ in.
W't per gro.	2¼	3	4½ lbs.
No. 20—Im. rub, per gro.	$1.30	1.70	2.16
No. 22—Nickel on iron "	1.30	1.70	2.16
Sizes	⅞	1	1⅛ in.
W't per gro.	6½	8	11 lbs.
No. 20—Im. rub,. per gro.	$2.60	3.10	4.36
No. 22—Nickel on iron "	2.60	3.10	4.36
Sizes	1¼		1½ in.
W't per gro.	14		20 lbs.
No. 20—Im. rub., per gro.	$5.00		6.60
No. 22—Nickel on iron "	5.00		6.60

Nickel on Composition and Solid Brass.

Sizes	½	⅝	¾ in.
W't per gro.	2¼	3	4½ lbs.
No. 24—Nickel on comp., per gross	$2.70	3.50	4.70
No. 26—Solid brass, per gross	2.70	3.50	4.70
Sizes	⅞	1	1⅛ in.
W't per gro.	6½	8	11 lbs.
No. 24—Nickel on comp., per gross	$6.36	7.40	9.76
No. 26—Solid brass, per gross	6.36	7.40	9.76
Sizes	1¼		1½ in.
W t per gro.	14		20 lbs.
No. 24—Nickel on comp., per gross	$12.30		16.40
No. 26—Solid brass, per gross	12.30		16.40

½ AND ⅝ IN., ONE GROSS; ¾ TO 1⅛ IN., HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

SHAM ROLLER, WIRE PATTERN.

Genuine Rubber, Gold Plated Tongues.

No. 3707—⅞ in., w't per gro. 5¼ lbs., per gross $16.00

No. 3708—1 in., w't per gro. 6¼ lbs., per gross 16.00

NO. 3707, HALF GROSS; NO. 3708, ONE-QUARTER GROSS IN A BOX.

PLAIN SENSIBLE.

Sizes	½	⅝	¾	⅞ in.	
W't per gro.	2	2¾	3¾	5½ lbs.	
No. 84—Solid brass per gross	$1.80	2.32	3.10	4.00	
Sizes	1	1⅛	1¼	1½ in.	
W't per gro.	8	8¾	12	17 lbs.	
No. 84—Solid brass per gross	$5.40	6.44	8.50	11.10	

½ TO ⅞ IN., ONE GROSS; 1 TO 1¼ IN., HALF GROSS; 1½ IN., ONE-QUARTER GROSS IN A BOX.

WIRE BENT HEEL.

Sizes	½	⅝	in
W't per gro.	1½	2½	lbs.
No. 70—Japnd, per gross	$0.70	.92	
No. 72—XC plate "	.84	1.04	
Sizes	¾	⅞	1 in.
W't per gro.	4	6	7½ lbs
No. 70—Japnd, per gross	$1.18	1.50	1.88
No. 72—XC plate, "	1.30	1.68	2.32
Sizes	1⅛	1¼	1½ in.
W't per gro.	11	13	17 lbs.
No. 70—Japnd., per gross	$2.32	2.86	3.90
No. 72—XC plate "	2.86	3.90	4.72
Sizes	⅜	½	⅝ in.
W't per gro.	1½	1½	2½ lbs.
No. 74—Im. rub., oroide tipped ..... per gross.	$1.08	1.08	1.38
No. 75—Nickel on iron, per gross.	1.08	1.08	1.38
Sizes	¾	⅞	1 in
W't per gro.	4	6	7½ lbs
No. 74—Im. rub., per gro.	$1.66	2.10	3.00
No. 75—Nickel on iron, per gross.	1.66	2.10	3.00
Sizes	1⅛	1¼	1½ in.
W't per gro.	11	13	17 lbs.
No. 74—Im. rub., per gro.	$3.76	5.00	6.26
No. 75—Nickel on iron, per gross.	3.76	5.00	6.26
Sizes	⅜	½	⅝ in.
W't per gro.	1½	1½	2½ lbs.
No. 76—Nickel on comp., per gross	$1.66	1.66	2.20
No. 78—Solid brass, per gross	1.66	1.66	2.20
Sizes	¾	⅞	1 in.
W't per gro.	4	6	7½ lbs.
No. 76—Nickel on comp., per gross	$3.00	4.40	5.26
No. 78—Solid brass, per gross	3.00	4.40	5.26
Sizes	1⅛	1¼	1½ in.
W't per gro.	11	13	17 lbs.
No. 76—Nickel on comp., per gross	$7.20	8.86	12.30
No. 78—Solid brass, per gross	7.20	8.86	12.30

½ IN., TWO GROSS; ⅝, ¾ AND ⅞ IN., ONE GROSS, 1 AND 1⅛ IN., HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

BRIDLE AND HARNESS.

Bridle.

Harness.

Sargeant's Rubber Finish, Genuine Rubber Pattern. Close Plated Tongues.

Sizes	⅜	½	⅝	¾ in.
W't per gro.	1¼	2	2½	4 lbs.
No. 3—Bridle, per gross	$2.60	2.60	3.00	
No. 8—Harness, per gross		3.00	3.20	3.80
Sizes	⅞	1	1⅛	1¼ in.
W't per gro.	6	7½	9	11 lbs.
No. 8—Harness, per gross	$4.40	5.00	6.00	6.90

⅜ TO ¾ IN., ONE GROSS; ⅞ TO 1⅛ IN., HALF GROSS; 1¼ IN., ONE-QUARTER GROSS IN A BOX

BUCKLES.

BRIDLE.

Genuine Rubber, Round Wire Pattern Gold Plated Tongues.

Nos.	1703	1704	1705	1706
Sizes	⅜	½	⅝	¾ in.
W't per gro.	1	1¼	1¾	2¼ lbs.
Per gross	$9.60	9.60	11.20	11.20

ONE GROSS IN A BOX.

HARNESS.

Genuine Rubber, Round Wire Pattern Gold Plated Tongues.

Nos.	2704	2705	2706	2707	2708
Sizes	½	⅝	¾	⅞	1 in.
W't per gro.	1¾	2¼	3⅛	4¼	6 lbs.
Per gross	$9.60	11.20	11.20	12.80	12.80

2704 AND 2705, ONE GROSS; 2706 AND 2707, HALF GROSS; 2708 ONE-QUARTER GROSS IN A BOX.

ENGLISH WIRE.

Sizes	½	⅝	¾	⅞ in.
W't per gro.	2¼	3	4½	6¼ lbs.
No. 98—Nickel on comp. per gross	$2.00	2.70	3.70	4.80
No. 98—Solid brass, per gross	2.00	2.70	3.70	4.80

Sizes	1	1⅛	1¼	1½ in.
W't per gro.	7¾	12½	14	18 lbs.
No. 98—Nickel on comp. per gross	$6.10	8.70	11.20	17.90
No. 98—Solid brass, per gross	6.10	8.70	11.20	17.90

½ TO ¾ IN., ONE GROSS; ⅞ AND 1 IN., HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

ENGLISH SIDE SWEDGE.

Sizes	½	⅝	¾	⅞ in.
W't per gro.	2¾	4½	6	8½ lbs.
No. 88—Nickel on comp. per gross	$4.00	4.80	6.40	8.00
No. 90—Solid brass per gross	4.00	4.80	6.40	8.00

Sizes	1	1⅛	1¼	1½ in.
W't per gro.	12	14½	16	20 lbs.
No. 88—Nickel on comp. per gross	$10.40	13.60	17.60	20.80
No. 90—Solid brass per gross	10.40	13.60	17.60	20.80

½ TO ¾ IN., ONE GROSS; ⅞ AND 1 IN., HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

LOOP, IMITATION ROLLER.

Sizes	½	⅝	¾	⅞ in.
W't per gro.	3	3½	5½	9¼ lbs.
No. 140—Japnd., per gross	$1.40	1.75	2.30	3.00
No. 142—XC plate, per gross	1.60	2.10	2.75	3.50
Sizes	1	1⅛	1¼	1½ in.
W't per gro.	10	11	12½	17 lbs.
No. 140—Japnd., per gross	$3.50	4.40	5.40	7.20
No. 142—XC plate, per gross	4.10	5.10	6.40	8.20

½ TO ¾ IN., ONE GROSS; ⅞ TO 1⅛ IN., HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

LOOP ROLLER.

Sizes	½	⅝	¾	⅞ in.
W't per gro.	3	3½	5	7 lbs.
No. 150—Japnd., per gross	$1.70	1.90	2.50	3.25
No. 152—XC plate, per gross	2.00	2.30	3.10	3.60
Sizes	1	1⅛	1¼	1½ in.
W't per gro.	8½	10	12½	17 lbs.
No. 150—Japnd., per gross	$3.70	4.60	5.50	7.20
No. 152—XC plate, per gross	4.50	5.40	6.50	8.20

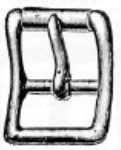
½ TO ¾ IN., ONE GROSS; ⅞ TO 1⅛ IN., HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

KANGAROO BRIDLE.

Sizes	½	⅝	¾	⅞ in.
W't per gro.	2	3	3¾	4¾ lbs.
No. 182—XC plate, per gross	$1.50	2.00	2.50	3.00
Sizes	1	1⅛	1¼ in.	
W't per gro.	6	9½	12 lbs.	
No. 182—XC plate, per gross	$3.50	4.15	4.80	

½ TO ⅞ IN., ONE GROSS; BALANCE, HALF GROSS IN A BOX.

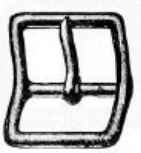
SKATE.



Sizes	½	⅝	¾	⅞ in.
W't per gro.	1½	2¾	3	4 lbs.
No. 190—Japnd., per gross	$1.25	1.50	1.75	2.20
No. 192—XC plate, per gross	1.40	1.80	2.10	2.50
Sizes	1	1⅛	1¼ in.	
W't per gro.	4½	6½	8¾ lbs.	
No. 190—Japnd., per gro.	$2.60	3.50	4.00	
No. 192—XC plate, "	3.00	3.80	4.60	
Sizes	1½		1¾ in.	
W't per gro.	10½		12 lbs.	
No. 190—Japnd. per gross	$5.00		6.00	
No. 192—XC plate, "	5.80		7.00	

½ TO 1 IN., ONE GROSS; BALANCE, HALF GROSS IN A BOX.

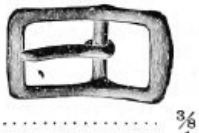
BAG STRAP OR TOOL BAG.



Sizes	⅜	½	⅝ in.
W't per gro.	¾	1	1½ lbs.
No. 200—Japnd. per gross	$1.15	1.15	1.25
No. 202—XC plate, "	1.25	1.25	1.45
No. 204—Nickeled "	.80	.80	.90
Sizes	¾	⅞	1 in.
W't per gro.	2½	3	3½ lbs.
No. 200—Japnd. per gro.	$1.60	2.00	2.25
No. 202—XC plate, "	1.80	2.30	2.60
No. 204—Nickeled "	1.10	1.30	1.60

⅜ TO ¾ IN., TWO GROSS; ⅞ AND 1 IN., ONE GROSS IN A BOX.

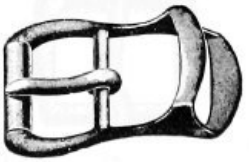
FLY NET OR HOUSING.



Sizes	⅜	½ in.
W't per gro.	1	1¾ lbs.
No. 220—Japnd. per gross	$1.15	1.15

ONE GROSS IN A BOX.

WARNER'S UNION LOOP.



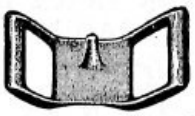
Sizes	½	⅝	¾ in.
W't per gro.	3½	5	6 lbs.
No. 160—Japnd. per gross	$2.50	3.70	4.10
Sizes	⅞	1	1⅛	1¼ in.
W't per gro.	8½	10	13	15 lbs.
No. 160—Japnd. per gross	$4.70	5.40	6.30	7.60

This buckle is especially adapted for use on hame, breeching, holdback, breast, choke, spreader or stirrup straps, or any other harness parts where double loops are used in connection with buckles.

½ TO ¾ IN., ONE GROSS; ⅞ TO 1⅛ IN., HALF GROSS; 1¼ IN. ONE-QUARTER GROSS IN A BOX.

BUCKLES.

CONWAY.



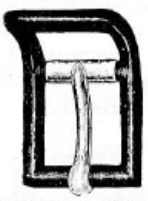
Sizes.	⅜	½	⅝ in.
W't per gro.	1¼	1½	2½ lbs.
No. 210—Japnd. per gross	$2.20	2.25	2.40
No. 212—XC plate "	2.30	2.40	2.55
Sizes.	¾	⅞	1 in.
W't per gro.	3½	4¼	5¼ lbs.
No. 210—Japnd. per gross	$3.00	3.40	4.00
No. 212—XC plate "	3.25	3.65	4.50

⅜ TO ⅝ IN., TWO GROSS; BALANCE, ONE GROSS IN A BOX.

GRIFFITH GIRTH.

Sizes.	⅞	1 in.
W't per gro.	9½	10 lbs.
No. 1159—Japnd. per gross	$3.10	3.80
No. 2159—XC plate, "	3.50	4.20
No. 3159—Imitation rubber, oroide tip tongue and roller. per gross	4.20	5.00
No. 4159—Nickeled, "	5.10	6.00

⅞ IN., HALF GROSS; 1 IN., ONE-QUARTER GROSS IN A BOX.

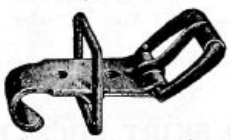


Genuine Rubber, Round Wire Pattern, Gold Plated Tongue.

Nos.	4707	4708
Sizes.	⅞	1 in.
W't per gro.	9	12 lb.
Per gross	$33.60	33.60

⅞ in., ONE-SIXTH; 1 in., ONE-TWELFTH GROSS IN A BOX.

HAME STRAP ATTACHMENTS.



Jones' Japanned.

Nos.	2207	2208
Sizes.	⅞	1 in.
W't per gro.	19	23 lbs.
Per gross	$4.40	4.80

ONE-QUARTER GROSS IN A BOX.

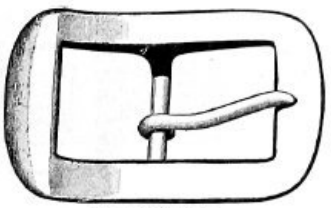
CINCHA.

Tackaberry's.

No. 195.—XC plate, for 2 in. latigo, 1½ girth catch, w't. per gro. 30 lbs. Per gross. $36.00

ONE-TWELFTH GROSS IN A BOX.

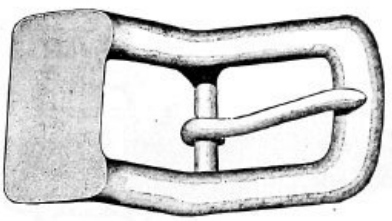
EXPRESS SHAFT TUG.



Band Pattern.

Sizes.	1¼	1½ in.
W't per gro.	60	72 lbs.
No. 800—Nickel on composition. per gross	$37.20	48.00
No. 802—Solid brass, per gross	37.20	48.00

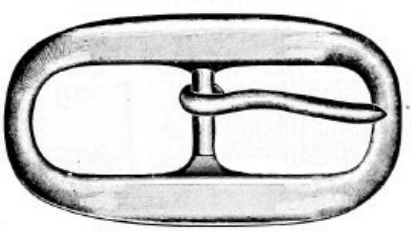
ONE-TWELFTH GROSS IN A BOX.



Boston Pattern.

Sizes.	1¼	1½ in.
W't per gro.	60	84 lbs.
No. 810—Nickel on composition. per gross	$45.60	52.80
No. 812—Solid brass, per gross	45.60	52.80

ONE-TWELFTH GROSS IN A BOX.



Swedge Pattern.

Sizes.	1¼	1½ in.
W't per gro.	60	72 lbs.
No. 820—Nickel on composition. per gross	$37.20	48.00
No. 822—Solid brass, per gross	37.20	48.00

ONE-TWELFTH GROSS IN A BOX.

BUGGY SHAFT TUG.

Sargent's Rubber Finish, Genuine Rubber Pattern, Close Plated Tongues.

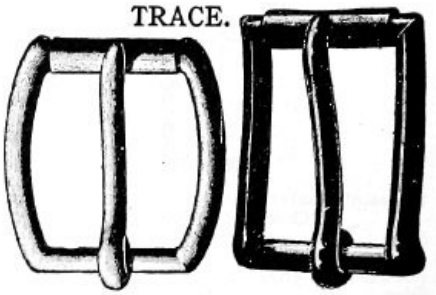
Sizes	⅞	1 in.
W't per gro	12	15 lbs.
No. 543—Per gross	$11.52	13.20

Genuine Rubber, Round Wire Pattern, Gold Plated Tongues.

Nos.	5707	5708
Sizes.	⅞	1 in.
W't per gro.	6	7½ lbs.
Per gross	$48.00	52.80

ONE-SIXTH GROSS IN A BOX.

TRACE.



No. 400 No. 420

Barrel Roller, Japanned.

Sizes.	1¼	1½	1¾ in.
W't per gro.	27	30	36 lbs.
No. 400—Per gross.	$5.76	6.75	7.20

Sunk Bar Roller, Japanned.

Sizes.	1¼	1½	1¾	2 in.
W't per gro.	27	33	36	42 lbs.
No. 420—Per gross	$6.72	6.96	7.20	9.16

Wire Bent Heel.

Sizes.	⅞	1	1⅛ in.
W't per gro.	12	15	18 lbs.
No. 500—Japanned, per gross	$3.36	4.32	4.80
No. 502—XC plate, per gross	4.32	4.80	5.26
Sizes.		1¼	1½ in.
W't per gro.		21	30 lbs.
No. 500—Japanned. per gross		$5.76	7.68
No. 502—XC plate. "		6.72	9.86
Sizes.	⅞	1	1⅛ in.
W't per gro.	12	15	18 lbs.
No. 504—Imitation rubber. per gross	$4.80	5.52	6.00
No. 505—Nickel on iron, per gross.	4.80	5.52	6.00
Sizes.	1¼	1⅜	1½ in.
W't per gro.	21	24	30 lbs.
No. 504—Imitation rubber. per gross	$8.16	9.60	11.52
No. 505—Nickel on iron, per gross.	8.16	9.60	11.52
Sizes.	⅞	1	1⅛ in.
W't per gro.	12	15	18 lbs.
No. 506—Nickel on composition. per gross	$8.40	11.04	13.20
No. 508—Solid brass, per gross	8.40	11.04	13.20
Sizes.	1¼	1⅜	1½ in.
W't per gro.	21	24	30 lbs.
No. 506—Nickel on composition. per gross	$16.80	20.40	24.00
No. 508—Solid brass, per gross	16.80	20.40	24.00

Plain Sensible.

Sizes.	⅞	1	1⅛ in.
W't per gro.	12	15	18 lbs.
No. 536—Solid brass.	$8.40	10.80	14.40
Sizes.	1¼	1⅜	1½	1¾ in.
W't per gro.	21	24	30	36 lbs.
No. 536—Solid brass.	$16.80	21.60	25.20	48.00

ONE-SIXTH GROSS IN A BOX.

TRACE BUCKLES AND FRAMES.

TRACE BUCKLES.

Sargeant's Rubber Finish, Genuine Rubber Pattern, Close Plated Tongues.

Sizes	⅞	1	in.
W't per gro.	12	15	lbs.
No. 540—Per gross	$13.20	15.60	

Sizes	1⅛	1¼	1½	in.
W't per gro.	18	27	33	lbs.
No. 540—Per gross	$17.28	22.80	32.40	

ONE-SIXTH GROSS IN A BOX.

Nos. 6708 to 6714.

Nos. 6908 to 6912.

Genuine Rubber, Round Wire Pattern, Gold Plated Tongues.

Nos.	6708	6711	6712	6714	
Sizes	1	1⅛	1¼	1½	in.
W't. per gro.	12	15	20	30	lbs.
Per gross	$52.80	62.40	62.40	72.00	

ONE-TWELFTH GROSS IN A BOX.

Genuine Rubber, Plain Band Pattern, Gold Plated Tongues.

Nos.	6908	6911	6912	
Sizes	1	1⅛	1¼	in.
W't per gro.	15	18	23	lbs.
Per gross	$100.80	110.40	110.40	

ONE-TWELFTH GROSS IN A BOX.

English Wire.

Size	⅞	1	1⅛	in.
W't per gro.	12	18	24	lbs.
No. 550—Nickel on comp. per gross	$8.40	12.00	14.40	
No. 555—Solid brass, per gross	8.40	12.00	14.40	

Sizes	1¼	1⅜	1½	in.
W't per gro.	30	42	45	lbs.
No. 550—nickel on comp. per gross	$17.28	21.60	25.20	
No. 555—Solid brass, per gross	17.28	21.60	25.20	

ONE-SIXTH GROSS IN A BOX.

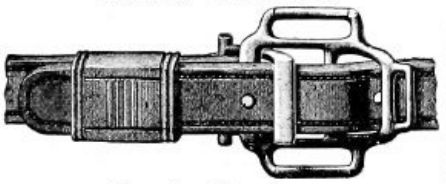
English Side Swedge.

Sizes	⅞	1	1⅛	n.
W't per gro.	15	21	27	lbs.
No. 570—Nickel on comp. per gross	$12.00	15.60	19.20	
No. 575—Solid brass, per gross	12.60	15.60	19.20	

Sizes	1¼	1⅜	1½	in.
W't per gro.	33	45	48	lbs.
No. 570—Nickel on comp. per gross	$24.00	28.80	37.20	
No. 575—Solid brass, per gross	24.00	28.80	37.20	

ONE-SIXTH GROSS IN A BOX.

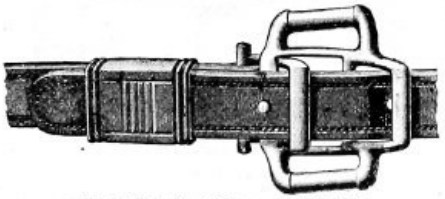
TRACE BUCKLES.



Champion, Three Loop.

Sizes	1¼	1½	1¾	in.
W't per gro.	42	51	54	lbs.
No. 600—Japanned, per gross	$8.88	10.56	12.00	
No. 602—XC plate, per gross	10.56	12.00	13.68	
No. 604—Nickel on iron, per gross		21.12	22.56	
No. 606—Brass electro, per gross		21.12	22.56	
No. 608—Close plate brass, per gross		48.00	54.00	

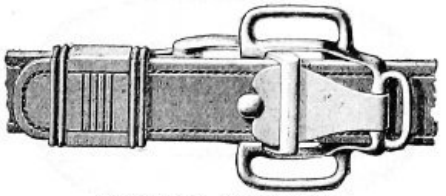
ONE-TWELFTH GROSS IN A BOX.



Champion, Two Loop, with Roller.

Sizes	1½	1¾	2	in.
W't per gro.	54	57	63	lbs.
No. 610—Japanned, per gross	$12.48	14.40	17.28	
No. 612—XC plate, per gross	14.40	16.80	20.40	

ONE-TWELFTH GROSS IN A BOX.



Three Loop, Double Grip.

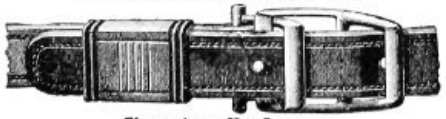
Sizes	1½	1¾	2	in.
W't per gro.	57	60	66	lbs.
No. 620—Japanned, per gross	$14.88	17.28	22.80	
No. 622—XC plate, per gross	17.28	19.68	24.00	

ONE-TWELFTH GROSS IN A BOX.

Three Loop, Double Grip, with Roller, Extra Heavy Coast Pattern.

Sizes	1½	1¾	2	in.
W't per gro.	88	100	128	lbs.
No. 632—XC plate, per gross	$28.80	31.20	38.40	

ONE-TWELFTH GROSS IN A BOX.



Champion, No Loop.

Sizes	1¼	1½	1¾	in.
W't per gro.	33	39	42	lbs.
No. 651—Japanned, per gross	$7.68	8.88	9.60	
No. 653—XC plate, per gross	8.88	9.60	11.28	
No. 655—Nickel on iron, per gross	16.56	18.00		
No. 657—Brass electro, per gross	16.56	18.00	19.44	
No. 659—Close plate brass, per gross	30.00	36.00	42.00	

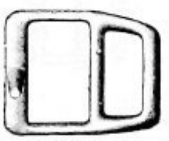
ONE-TWELFTH GROSS IN A BOX.

CHAMPION TRACE BUCKLE FRAMES.

Three Loop.

Sizes	1¼	1½	1¾	in.
W't per gro.	24	27	30	lbs.
No. 680—Japanned, per gross	$6.72	8.16	9.12	
No. 682—XC plate, per gross	7.68	9.12	10.92	

ONE-TWELFTH GROSS IN A BOX.

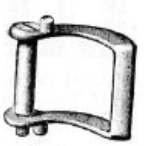


No Loop.

Sizes	1¼	1½	1¾	in.
W't per gro.	18	24	30	lbs.
No. 690—Japanned per gross	$6.24	7.20	9.12	
No. 692—XC plate, per gross	7.20	9.12	9.80	

ONE-TWELFTH GROSS IN A BOX.

CHAMPION TRACE BUCKLE BAILS.



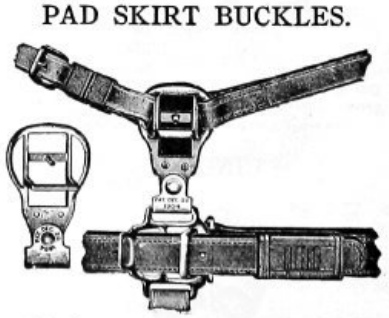
To Screw.

Sizes	1¼	1½	1¾	in.
W't per gro.	18	24	27	lbs.
No. 670—Japanned, per gross	$7.20	7.92	9.60	
No. 672—XC plate, per gross	7.68	8.64	10.80	

Interchangeable for Nos. 600, 602, 651 and 653.

ONE-TWELFTH GROSS IN A BOX.

PAD SKIRT BUCKLES.



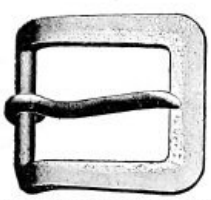
No. 350—Japanned. . . . . per gross $21.60
No. 351—XC plate. . . . . " 21.60

FOR A CONCORD OR COMMON FARM HARNESS.—For a common back pad harness make your skirts shorter and with a straight billet save one lb. of leather and one-half the work, making them better and cheaper.

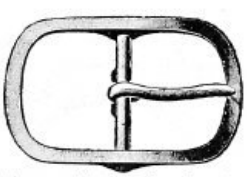
BUCKLES AND SNAPS.

BELT BUCKLES.

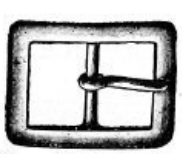
No. 700—1 in. nickel plated, w't per gro. 4½ lbs.....per gross $3.50
No. 702—1¼ in., nickel plated, w't per gro. 5 lbs.....per gross 3.70
ONE GROSS IN A BOX.



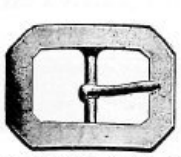
No. 710—1¼ in., nickel plated, w't per gro. 8¼ lbs.....per gross $5.30
ONE GROSS IN A BOX.



No. 715—1 in., gold gilt plated, w't per gro. 5 lbs.....per gross $8.70
ONE GROSS IN A BOX.



No. 720—1¼ in., nickel plated, w't per gro. 12½ lbs.....per gross $10.70
No. 725—1½ in. nickel plated, w't per gro. 14 lbs.....per gross 12.00
ONE-QUARTER GROSS IN A BOX.



No. 730—1¼ in., nickel plated, w't per gro. 16 lbs.....per gross $10.70
No. 735—1½ in., nickel plated, w't per gro. 16 lbs.....per gross 12.00
ONE-QUARTER GROSS IN A BOX.

GERMAN SNAPS.

Bronzed, Heavy Pattern, Aluminum Spring.

Nos.	30	31	32	
Eye	⅝	¾	⅞	in.
W't per gro.	7½	8	10½	lbs.
Per gross	$2.50	2.70	2.70	

Nos.	33	34	35	
Eye	1	1⅛	1¼	in.
W't per gro.	11	12	18	lbs.
Per gross	$2.70	3.10	4.80	

Nos.	36	37	38	
Eye	1½	1¾	2	in.
W't per gro.	24	37	44	lbs.
Per gross	$6.20	7.90	9.00	

NOS. 30 TO 34, HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

FLAT SPRING SNAPS.

XC Plate, Aluminized Steel, Rust Proof Guarded Spring.

Nos.	125	150	250	275	
Eye	¾	⅞	1	1⅛	in.
W't per gro.	11	13	13	14	lbs.
Per gross	$3.70	4.00	4.20	6.00	

Nos.	350	450	550	650	
Eye	1¼	1½	1¾	2	in.
W't per gro.	23	25	29	31	lbs.
Per gross	$7.20	8.00	8.80	12.40	

NOS. 125 TO 250, ONE-HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

Imitation Rubber, Gilded Steel Spring.

Nos.	1125	1150	1250	1350	1450	
Eye	¾	⅞	1	1¼	1½	in.
W't per gro	11	13	13	23	25	lbs.
Per gross	$3.70	4.00	4.20	7.20	8.00	

NOS. 1125 TO 1250, ONE-HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

CLIPPER SNAPS.

XC Plate, Aluminum Steel Springs, Rust Proof.

Nos.	00	01	02	03	04	
Eye	⅝	¾	⅞	1	1⅛	in.
W't per gro.	7¼	10½	13	14	14½	lbs.
Per gross	$5.00	5.00	5.00	5.00	6.90	

Nos.	05	06	07	08	
Eye	1¼	1½	1¾	2	in.
W't per gro.	17	28½	29½	36	lbs.
Per gross	$7.90	8.80	10.00	11.50	

NOS. 00 TO 04, HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

NATIONAL SNAPS.

Imitation Rubber, Brass Lever Spring.

Nos.	51	52	53	54	
Eye	½	⅝	¾	⅞	in.
W't per gro.	5	9	12	13	lbs.
Per gross	$5.50	5.50	5.50	5.50	

Nos.	56	57	58	59	
Eye	1	1⅛	1¼	1½	in.
W't per gro.	14	15	16	24	lbs.
Per gross	$5.50	7.20	7.50	8.10	

NOS. 51 TO 56, HALF GROSS; BALANCE, QUARTER GROSS IN A BOX.

BRISTOL SNAPS.

Nickel Plated, Brass Lever Spring, Milled Nose, Polished Loop.

Nos.	216	217	218	
Eye	¾	⅞	1	in.
W't per gro.	10	11	12	lbs.
Per gross	$20.30	20.30	20.30	

Nos.	219	220	221	
Eye	1⅛	1¼	1½	in.
W't per gro.	13	14	25	lbs.
Per gross	$22.50	24.80	27.00	

Brass Plated, Brass Lever Spring, Milled Nose, Polished Loop.

Nos.	316	317	318	
Eye	¾	⅞	1	in.
W't per gro.	10	11	12	lbs.
Per gross.	$20.30	20.30	20.30	

Nos.	319	320	321	
Eye	1⅛	1¼	1½	in
W't per gro.	13	14	25	lbs.
Per gross	$22.50	24.80	27.00	

ONE-SIXTH GROSS IN A BOX.

BOLT SNAPS.

Bolt, XC Plate.

Nos.	500	501	502	
Eye	⅝	¾	⅞	in.
W't per gro.	9	10	12½	lbs.
Per gross	$3.80	3.90	4.10	

Nos.	503	504	505	
Eye	1	1⅛	1¼	in.
W't per gro.	12¾	14	22	lbs.
Per gross	$4.40	6.00	7.10	

Nos.	506	507	508	
Eye	1½	1¾	2	in.
W't per gro.	24	25½	27½	lbs.
Per gross	$8.00	8.70	9.80	

NOS. 500 TO 504, HALF GROSS; BALANCE, ONE-THIRD GROSS IN A BOX.

SNAPS.

IMPERIAL.

Imitation Rubber.

Nos.	717	718	719
Eye	⅞	1	1⅛ in.
W't per gro.	16	18	20 lbs.
Per gross	$7.50	7.50	8.50
Nos.	**722**	**724**	**726**
Eye	1¼	1⅜	1¾ in.
W't per gro.	21	42	46 lbs.
Per gross	$8.70	11.30	13.10

NOS. 717, 718, HALF GROSS; BALANCE, ONE-QUARTER GROSS IN A BOX.

TRIGGER.

Imitation Rubber, Oroide Tongue.

No. 590—⅞ in., w't per gro., 12 lbs., per gross $9.00
No. 595—1 in., w't per gro. 12 lbs., per gross 9.00

HALF GROSS IN A BOX.

DERBY BIT.

No. 421—XC plate, rust proof spring, w' per gro. 10 lbs. ..... per gross $4.50

HALF GROSS IN A BOX.

HUBBARD.

XC Plate.

Nos.	615	616	617
Eye	⅝	¾	⅞ in.
W't per gro.	7¾	8	8¼ lbs.
Per gross	$9.00	9.00	9.00

HALF GROSS IN A BOX.

BAG.

XC Plate.

No. 419—½ in., w't per gro. 2½ lbs., per gross $2.30
No. 420—⅝ in., w't per gro. 3 lbs., per gross 2.30

Nickel Plate.

No. 451—½ in., w't per gro. 2½ lbs., per gross $2.80
No. 452—⅝ in., w't per gro. 3 lbs., per gross 3.00

ONE GROSS IN A BOX.

BAG.

Swivel, Nickel Plated.

No. 618—½ in., w't per gro. 4 lbs., per gross $4.80
No. 619—⅝ in., w't per gro. 4 lbs., per gross 4.80
No. 620—¾ in., w't per gro. 4 lbs., per gross 4.80

ONE GROSS IN A BOX.

ROUND EYE.

Flat Spring.

No. 050—¾ in. round eye, XC plate, rust proof spring, w't per gro. 12 lbs., per gross $4.50

HALF GROSS IN A BOX.

Bolt.

No. 516—¾ in. round eye, w't per gro. 12 lbs. ..... per gross $4.70

HALF GROSS IN A BOX.

Yankee, XC Plate.

No. 430—⅝ in., round, eye, w't per gro. 11 lbs. ..... per gross $5.60
No. 431—¾ in., round eye, w't per gro. 14 lbs. ..... per gross 6.60

HALF GROSS IN A BOX.

ROUND EYE SWIVEL.

XC Plate, Rust Proof Spring.

No. 85—⅝ in., swivel eye, w't per gro. 12 lbs. ..... per gross $8.10
No. 90—¾ in., swivel eye, w't per gro. 15 lbs. ..... per gross 9.50

HALF GROSS IN A BOX

XC Plate.

No. 555—⅝ in., round eye, swivel, w't per gro. 14 lbs. ..... per gross $8.20
No. 556—¾ in., round eye, swivel, w't per gro. 17 lbs. ..... per gross 9.00
No. 557—⅞ in., round eye, swivel, w't per gro. 19 lbs. ..... per gross 10.00
No. 558—1 in., round eye, swivel, w't per gro. 22 lbs. ..... per gross 15.60

HALF GROSS IN A BOX.

ROUND EYE SWIVEL.

XC Plate.

No. 50—⅝ in., swivel, w't per gro. 16 lbs., per gross $8.00
No. 40—¾ in., swivel, w't per gro. 18 lbs., per gross 9.00
No. 9—⅞ in., swivel, w't per gro. 20 lbs., per gross 10.00
No. 10—1 in., swivel, w't per gro. 36 lbs., per gross 17.50

HALF GROSS IN A BOX.

OPEN EYE.

XC Plate.

No. 520—Bit, w't per gro. 12 lbs., per gross $5.90
No. 521—Chain, w't per gro. 15 lbs., per gross 7.00
No. 522—Trace, w't per gro. 24 lbs., per gross 10.60

NOS. 520 AND 521, HALF GROSS; NO. 522, ONE-THIRD GROSS IN A BOX.

XC Plate, Solid Barrel.

No. 48—Trace, w't per gro. 27 lbs., per gross $13.20
NO. 5X—GIANT, w't per gro. 60 lbs., per gross 42.00

NO. 48, ONE-THIRD GROSS; NO. 5X, ONE-QUARTER GROSS IN A BOX.

DOUBLE.

XC Plate.

No. 510—Light, w't per gro. 11 lbs., per gross $10.10
No. 511—Medium, w't per gro. 19 lbs., per gross 12.20
No. 512—Heavy, w't per gro. 26 lbs., per gross 15.20

HALF GROSS IN A BOX.

Yankee XC Plate.

No. 855—Heavy, 5¼ in., long, w't per gro. 56 lbs., per gross $17.00

QUARTER GROSS IN A BOX.

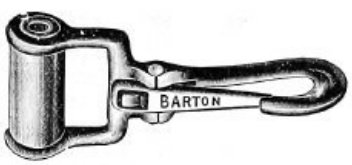
SNAPS AND SUNDRIES.

ROLLER SNAPS.

XC Plate.

Nos.	92	93	94	
Eye	1½	1¾	2	in.
W't per gro.	84	90	96	lbs.
Per gross	$30.00	32.40	34.80	

ONE-TWELFTH GROSS IN A BOX.



Japanned.

Nos.	235	237	
Eye	1½	1¾	in.
W't per gro.	102	114	lbs.
Per gross	$28.80	33.60	

ONE-TWELFTH GROSS IN A BOX.

BRISTOL ROLLER SNAPS.

XC Plate.

Nos.	100	101	102	103	
Eye	1¼	1½	1¾	2	in.
W't per gro.	84	96	108	120	lbs.
Per gross	$34.80	37.20	40.80	43.20	

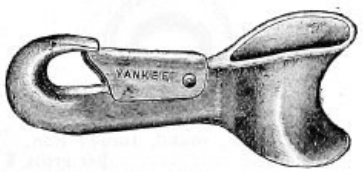
ONE-TWELFTH GROSS IN A BOX.

BRISTOL CHAIN ROLLER SNAPS.

No. 104—XC plate, w't per gro. 108 lbs., per gross.....$45.60

ONE-TWELFTH GROSS IN A BOX.

CHAIN SLIDE SNAPS.

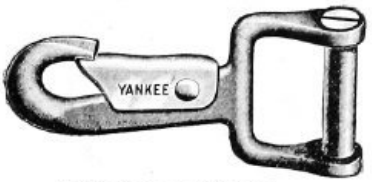


XC Plate.

No. 850—Heavy, w't per gro. 102 lbs., per gross..... $60.00

ONE-TWELFTH GROSS IN A BOX.

MARTINGALE OR CHOKE STRAP SNAPS.



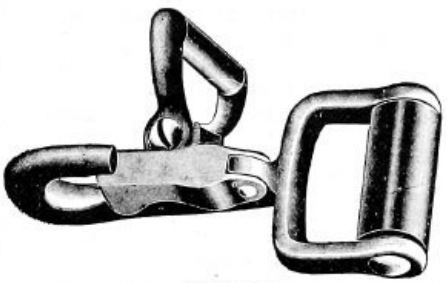
With Screw and Roller.

No. 845—1½ in. XC plate, w't per gro. 40¾ lbs.....per gross $13.50

No. 849—1¾ in., XC plate, w't per gro. 42½ lbs.....per gross 16.50

ONE-QUARTER GROSS IN A BOX.

WARNER'S COMBINATION LOOP SNAPS.

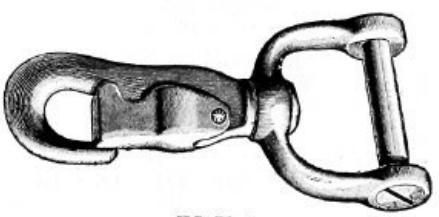


XC Plate.

Nos.	97	98	
Eye	1½	1¾	in.
W't per gro.	96	102	lbs.
Per gross	$42.00	45.60	

ONE-TWELFTH GROSS IN A BOX.

HEAVY SWIVEL TRACE SNAPS.



XC Plate.

Nos.	24	25	26	27	28	
Size	1½	1¾	2	2¼	2½	
W't per gro.	84	90	96	111	114	lbs.
Per gross	$36.00	38.40	42.00	45.60	48.00	

ONE-TWELFTH GROSS IN A BOX.

BUCKLE SNAPS.

No. 62—1½ in., XC plate, w't per gro. 72 lbs.....per gross $20.40

ONE-SIXTH GROSS IN A BOX.

SNAPS AND THIMBLES.

No. 282—COVERT'S, tinned, ¾ in. snap, ⅝ in. thimble, w't per gro. 30 lbs., per gross..... $12.00

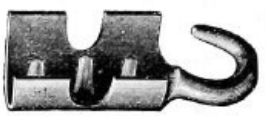
ONE-QUARTER GROSS IN A BOX.

ROPE THIMBLES.

No. 64—Tinned, for ⅝ in. rope, w't per gro. 15 lbs.....per gross $6.80

ONE GROSS IN A BOX.

ROPE FASTENERS.



Malleable Iron, Japanned.

For Rope	½	⅝	¾	in.
W't per gro.	18	22	27	lbs.
Per gross	$4.50	6.50	8.00	

ONE-QUARTER GROSS IN A BOX.

BREAST STRAP SLIDES AND SNAPS.

Combination, XC Plate, with Snap.

Nos.	31	32	33	
Width	1½	1¾	2	in.
W't per gro.	90	108	120	lbs.
Per gross	$30.00	32.40	33.60	

ONE-TWELFTH GROSS IN A BOX.

BREAST STRAP SLIDES.

Gray Iron.

No. 50—1½ in., japanned, w't per gro. 42 lbs.....per gross $7.20

No. 51—1¾ in., japanned, w't per gro. 60 lbs.....per gross 8.50

Malleable Iron.

No. 54—1¼ in., japanned, w't per gro. 30 lbs.....per gross $8.50

No. 55—1½ in., japanned, w't per gro. 36 lbs.....per gross 8.50

No. 56—1¾ in., japanned, w't per gro. 45 lbs.....per gross 9.80

No. 57—2 in., japanned, w't per gro. 72 lbs.....per gross 17.50

No. 60—1½ in., tinned, w't per gro. 36 lbs.....per gross 10.10

No. 61—1¾ in., tinned, w't per gro. 45 lbs.....per gross 12.20

ONE-TWELFTH GROSS IN A BOX.

HARNESS, BREECHING AND LARIAT RINGS.

HARNESS.

Japanned Malleable.

Nos	24H	25H	26H	27H	
Diameter	½	⅝	¾	⅞	in.
W't per gro.	1	1¼	2¼	3	lbs.
Per gross	$0.60	.60	.66	.74	
Nos	**28H**	**31H**	**32H**		
Diameter	1	1⅛	1¼	in.	
W't per gro.	3¾	4½	5	lbs.	
Per gross	$0.96	1.06	1.24		

XC Malleable.

Nos	34H	35H	36H	37H	
Diameter	½	⅝	¾	⅞	in.
W't per gro.	1	1¼	2¼	3	lbs.
Per gross	$0.68	.68	.80	.96	
Nos	**38H**	**41H**	**42H**		
Diameter	1	1⅛	1¼	in.	
W't per gro.	3¾	4½	5	lbs.	
Per gross	$1.16	1.28	1.52		

Imitation Rubber.

Nos	44H	45H	46H	
Diameter	½	⅝	¾	in.
W't per gro.	1	1¼	2¼	lbs.
Per gross	$0.84	.84	1.02	
Nos	**47H**	**48H**	**51H**	
Diameter	⅞	1	1⅛	in.
W't per gro.	3	3¾	4½	lbs.
Per gross	$1.22	1.52	1.90	

Nickel on Iron.

Nos	54H	55H	56H	
Diameter	½	⅝	¾	in.
W't per gro.	1	1¼	2¼	lbs.
Per gross	$0.84	.84	1.02	
Nos	**57H**	**58H**	**61H**	
Diameter	⅞	1	1⅛	in.
W't per gro.	3	3¾	4½	lbs.
Per gross	$1.22	1.52	1.90	

Nickel on Composition.

Nos	64H	65H	66H	
Diameter	½	⅝	¾	in.
W't per gro.	1	1¼	2¼	lbs.
Per gross	$2.90	3.60	4.50	
Nos	**67H**	**68H**	**71H**	
Diameter	⅞	1	1⅛	in.
W't per gro.	3	3¾	4½	lbs.
Per gross	$5.40	6.60	8.10	

Solid Brass.

Nos	74H	75H	76H	
Diameter	½	⅝	¾	in.
W't per gro.	1	1¼	2¼	lbs.
Per gross	$2.90	3.60	4.50	
Nos	**77H**	**78H**	**81H**	
Diameter	⅞	1	1⅛	in.
W't per gro.	3	3¾	4½	lbs.
Per gross	$5.40	6.60	8.10	

ONE GROSS IN A BOX.

Genuine Rubber. Plain Round Wire.

Nos	706	707	708	
Diameter	¾	⅞	1	in.
W't per gro.	1¾	2	2½	lbs.
Per gross	$10.40	10.40	12.00	

HALF GROSS IN A BOX.

The size given is the inside diameter.

BREECHING.

4 3 2 1 0

Showing wire gauge of breeching rings.

Japanned Wrought.

Nos	114W	116W	120W	122W	
Diameter	1½	1¾	2	2¼	in.
Wire gauge	3	3	2	2	
W't per gro.	10½	12	16	17½	lbs.
Per gross	$1.70	1.90	2.30	2.50	
Nos	**124W**	**126W**	**130W**		
Diameter	2½	2¾	3	in.	
Wire gauge	2	1	1		
W't per gro.	18½	24	25	lbs.	
Per gross	$2.60	3.00	3.60		

NOS. 114W TO 120W HALF GROSS, BALANCE ONE-THIRD GROSS IN A BOX.

XC Wrought.

Nos	214	216	220	222	
Diameter	1½	1¾	2	2¼	in.
Wire gauge	3	3	2	2	
W't per gro.	10½	12	16	17½	lbs.
Per gross	$2.20	2.40	3.30	3.40	
Nos	**224**	**226**	**230**		
Diameter	2½	2¾	3	in.	
Wire gauge	2	1	1		
W't per gro.	18½	24	25	lbs.	
Per gross	$3.70	4.40	4.90		

NOS. 214 TO 220 HALF GROSS, BALANCE ONE-THIRD GROSS IN A BOX.

Japanned Malleable.

Nos	312	314	316	320	322	
Diameter	1¼	1½	1¾	2	2¼	in.
Wire gauge	4	2	2	1	1	
W't per gro.	7	12	14	20	22	lbs.
Per gross	$1.40	2.50	2.70	3.80	4.50	
Nos	**321**	**323**	**324**	**326**	**330**	
Diameter	2	2¼	2½	2¾	3	in.
Wire gauge	0	0	0	0	0	
W't per gro.	26	30	33	35	37	lbs.
Per gross	$5.00	5.70	6.30	6.70	7.10	

NOS. 312 TO 320 HALF GROSS, BALANCE ONE-THIRD GROSS IN A BOX.

XC Malleable.

Nos	412	414	416	420	
Diameter	1¼	1½	1¾	2	in.
Wire gauge	4	2	2	1	
W't per gro	7	12	14	20	lbs.
Per gross	$1.80	3.00	3.40	4.70	
Nos	**422**	**424**	**426**	**430**	
Diameter	2¼	2½	2¾	3	in.
Wire gauge	1	0	0	0	
W't per gro	22	33	35	37	lbs.
Per gross	$5.20	7.80	8.30	8.80	

NOS. 412 TO 420 HALF GROSS, BALANCE ONE-THIRD GROSS IN A BOX.

Imitation Rubber.

Nos	512	513	514	516	520	
Diameter	1¼	1⅜	1½	1¾	2	in.
Wire gauge	3	2	2	1	1	
W't per gro	8	11	12	18	20	lbs.
Per gross	$2.60	3.60	4.00	5.70	6.30	

NO. 512 ONE GROSS, BALANCE ONE-HALF GROSS IN A BOX.

The size given is the inside diameter.

BREECHING.

Nickel on Iron.

Nos	612	613	614	616	620	
Diameter	1¼	1⅜	1½	1¾	2	in.
Wire gauge	3	2	2	1	1	
W't per gro	8	11	12	18	20	lbs.
Per gross	$2.60	3.60	4.00	5.70	6.30	

NO. 612 ONE GROSS., BALANCE ONE-HALF GROSS IN A BOX.

Nickel on Composition.

Nos	812	813	814	816	
Diameter	1¼	1⅜	1½	1¾	in.
Wire gauge	3	3	2	2	
W't per gro	8	9	12	14	lbs.
Per gross	$9.80	12.50	14.40	17.90	
Nos	**820**	**822**	**824**	**830**	
Diameter	2	2¼	2½	3	in.
Wire gauge	2	1	1	0	
W't per gro.	16	22	25	37	lbs.
Per gross	$21.40	28.60	35.70	41.60	

NOS. 812 ONE GROSS, 813 TO 820 HALF GROSS, 822 AND 824, QUARTER GROSS, 830, ONE-SIXTH GROSS IN A BOX.

Solid Brass.

Nos	912	913	914	916	
Diameter	1¼	1⅜	1½	1¾	in.
Wire gauge	3	3	2	2	
W't per gro	8	9	12	14	lbs.
Per gross	$9.80	12.50	14.40	17.90	
Nos	**920**	**922**	**924**	**930**	
Diameter	2	2¼	2½	3	in.
Wire gauge	2	1	1	0	
W't per gro.	16	22	25	37	lbs.
Per gross	$21.40	28.60	35.70	41.60	

NOS. 912 ONE GROSS, 913 TO 920 HALF GROSS, 922 AND 924 QUARTER GROSS, 930 ONE-SIXTH GROSS IN A BOX

Genuine Rubber. Plain Round Wire.

Nos	712	713	714	
Diameter	1¼	1⅜	1½	in.
W't per gro.	10	10¾	11¼	lbs.
Per gross	$21.60	24.00	24.00	

QUARTER GROSS IN A BOX.

The size given is the inside diameter.

HONDA OR LARIAT.

No. 358 and 1358. Nos. 359 and 1359.

No. 358—2¼ in., egg shape, XC plate, for lariat rope.....per gross $ 9.60
No. 1358—2¼ in., egg shape, polished brass, for lariat rope.....per gross 20.40
No. 359—2 in., oval, XC turned iron, for lariat rope.....per gross 7.20
No. 1359—2 in., oval, polished brass, for lariat rope.....per gross 21.60

The size given is the outside diameter.

HALF GROSS IN A BOX.

No. 360—1⅝ in., round, turned iron, for lariat rope.....per gross $ 6.00
No. 1360—1⅝ in., round, polished brass, for lariat rope.....per gross 21.60

The size given is the outside diameter.

HALF GROSS IN A BOX.

MARTINGALE AND TRIMMING RINGS.

MARTINGALE.

White Duranoid.

Nos.	0	1	2	3	5	
Diameter. .	1¼	1½	1⅝	1¾	2	in.
W't per gro.	4	8	9	11½	18	lbs.
Per gross..	$3.20	3.60	4.00	4.30	6.40	

Red Duranoid.

Nos.	10	11	12	13	15	
Diameter. .	1¼	1½	1⅝	1¾	2	in.
Per gross..	$3.20	3.60	4.00	4.30	6.40	

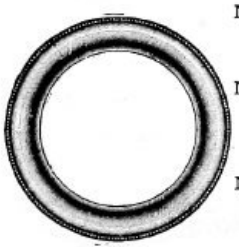
Blue Duranoid.

Nos.	20	21	22	23	25	
Diameter. .	1¼	1½	1⅝	1¾	2	in.
Per gross..	$3.20	3.60	4.00	4.30	6.40	

No. 32—1⅝ in., black Duranoid, w't per gro. 9 lbs., per gross..... $4.00

No. 33—1¾ in., black uranoid, w't per gro. 11½ lbs.....per gross 4.30

ONE QUARTER GROSS IN A BOX.



National.

No. 40X—1⅝ in. X. C., w't per gro. 3 lbs., per gross..... $4.08

No. 41—1⅝ in., red enameled, w't per gro. 9 lbs., per gross..... 4.80

No. 42—1⅝ in. white enameled, w't per gro. 9 lbs., per gross.... 4.80

No. 43—1⅝ in., blue enameled, w't per gro. 9 lbs.....per gross 4.80

No. 44—1⅝ in., solid brass, w't per gro. 12 lbs.....per gross 13.44

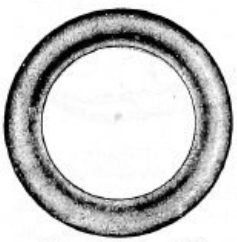
No. 45—1⅞ in., red enameled, w't per gro. 12 lbs.....per gross 7.20

No. 46—1⅞ in., white enameled, w't per gro. 12 lbs.....per gross 7.20

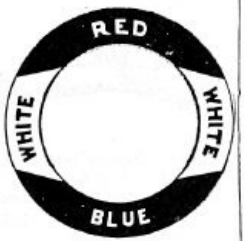
No. 47—1⅞ in., blue enameled, w't per gro. 12 lbs.....per gross 7.20

No. 48—1⅞ in., solid brass, w't per gro. 15 lbs.....per gross 16.80

ONE-THIRD GROSS IN A BOX.



Nos. 180 to 192.



No. 195.

Wood, New Process.

Nos.	180	181	182	185	186	
Color.....	White	White	White	Red	Red	
Diameter. .	1¾	2	2¼	1¾	2	
W't per gro.	6	9	12	6	9	lbs.
Per gross..	$7.20	8.40	9.60	7.20	8.40	

Nos.	187	190	191	192	
Color.....	Red	Blue	Blue	Blue	
Diameter. .	2¼	1¾	2	2¼	
W't per gro.	12	6	9	12	lbs.
Per gross..	$9.60	7.20	8.40	9.60	

Combination Red, White and Blue.

No. 195—2 in., w't per gro. 9 lbs., per gross $9.60

ONE-QUARTER GROSS IN A BOX.

MARTINGALE.

White Zylonite.

Nos.	119	120	121	122	
Diameter. .	1⅛	1¼	1⅜	1½	in.
W't per gro.	3	3	4½	6	lbs.
Per gross..	$13.20	15.60	21.60	26.40	

Nos.	123	124	125	126	
Diameter. .	1⅝	1¾	2	2¼	in.
W't per gro.	6	7½	9	12	lbs.
Per gross..	$31.20	37.20	42.00	48.00	

Red Zylonite.

Nos.	129	130	131	132	
Diameter. .	1⅛	1¼	1⅜	1½	in.
Per gross..	$13.20	15.60	21.60	26.40	

Nos.	133	134	135	136	
Diameter. .	1⅝	1¾	2	2¼	in.
Per gross..	$31.20	37.20	42.00	48.00	

Blue Zylonite.

Nos.	139	140	141	142	
Diameter. .	1⅛	1¼	1⅜	1½	in.
Per gross..	$13.20	15.60	21.60	26.40	

Nos.	143	144	145	146	
Diameter. .	1⅝	1¾	2	2¼	in.
Per gross..	$31.20	37.20	42.00	48.00	

ONE SIXTH GROSS IN A BOX.

White Celluloid.

Nos.	149	150	151	152	
Diameter. .	1⅛	1¼	1⅜	1½	in.
W't per gro.	3	3	4½	6	lb.
Per gross..	$16.80	20.40	27.60	34.80	

Nos.	153	154	155	156	
Diameter. .	1⅝	1¾	2	2¼	in.
W't per gro.	7½	9	12	15	lbs.
Per gross..	$42.00	48.00	55.20	62.40	

Red Celluloid.

Nos.	159	160	161	162	
Diameter. .	1⅛	1¼	1⅜	1½	in.
Per gross..	$16.80	20.40	27.60	34.80	

Nos.	163	164	165	166	
Diameter. .	1⅝	1¾	2	2¼	in.
Per gross..	$42.00	48.00	55.20	62.40	

Blue Celluloid.

Nos.	169	170	171	172	
Diameter. .	1⅛	1¼	1⅜	1½	in.
Per gross..	$16.80	20.40	27.60	34.80	

Nos.	173	174	175	176	
Diameter. .	1⅝	1¾	2	2¼	in.
Per gross..	$42.00	48.00	55.20	62.40	

No. 61X—2 in., extra heavy, white celluloid with black stripes, w't per gro. 15 lbs., per gross $82.80

ONE-SIXTH GROSS IN A BOX.

MARTINGALE.

Rubber.

No. 30—1½ in., plain black hard rubber, w't per gro. 3 lbs.....per gross $ 9.60

No. 31—1⅞ in., plain black hard rubber, w't per gro. 3¾ lbs.....per gross 14.40

Rubber.

No. 35—1½ in., black hard rubber, imitation stitched edge, w't per gro. 3 lbs. .....per gross 10.80

ONE-QUARTER GROSS IN A BOX.

TRIMMING RINGS.

Bone.

Nos.	35T	40T	45T	
Color.....	White	Red	Blue	
Diameter.	1⅛	1⅛	1⅛	in.
Per gross.....	$4.80	4.80	4.80	

Being turned from bone it is impossible to make sizes exact.

UNION AND LOOPED RINGS.

Union.

Looped.

Celluloid.

Union, Assorted, Red, White and Blue.

No. 3—Consists of 3 rings, 1⅛, 1¼ and 1¾ in. in diameter.....per string $0.90

No. 4—Consists of 4 rings, 1⅛, 1¼, 1½ and 1¾ in. in diameter.....per string 1.20

No. 5—Consists of 5 rings, 1⅛, 1¼, 1½, 1¾ and 2 in. in diameter.....per string 1.70

Looped, White Rings with Red Loops.

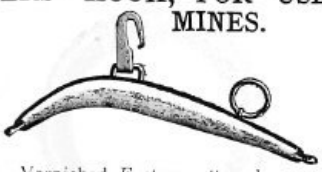
No. 8—Consists of 3 rings, 1¼, 1½ and 1¾ in. in diameter and two slide loops, per string..... $1.10

No. 90—Consists of 4 rings, 1⅛, 1¼, 1½ and 1¾ in. in diameter and three slide loops.....per string 1.50

HALF DOZEN STRINGS IN A BOX.

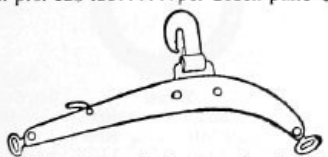
HAMES.

MINERS' HOOK, FOR USE IN MINES.



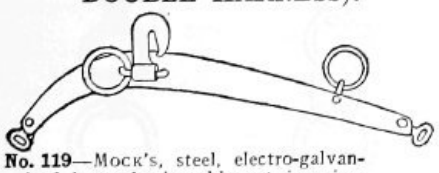
No. 81—Varnished, *Eastern pattern*, heavy hook, lantern hook on one side, loose ring on other, sizes 16, 17, 18, 19 and 20 in., w't per doz. prs. 80 lbs., per dozen pairs..... $17.70

No. 82—Painted black, *Pennsylvania pattern*, heavy hook and breast ring, lantern hook on one side, loose ring on other, heavy chain and attachment, sizes 16, 17, 18, 19 and 20 in., w't per doz. prs. 125 lbs.....per dozen pairs $31.20



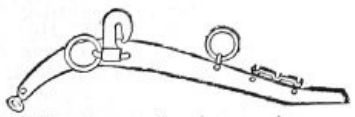
No. 85—Mock's, steel, electro-galvanized, heavy hook, lantern hook on one side, loose ring on other, sizes 16, 17, 18, 19 and 20 in., w't per doz. prs. 52 lbs., per dozen pairs.....$14.60

LOW TOP HOOK STAGE, TWO HORSE HAMES (FOR DOUBLE HARNESS).



No. 119—Mock's, steel, electro-galvanized, heavy hook and breast ring, sizes 16, 17, 18, 19, 20 and 21 in., w't per doz. prs. 56 lbs.....per dozen pairs $13.00

HIGH TOP HOOK STAGE, TWO HORSE (FOR DOUBLE HARNESS).



No. 76—Mock's, steel, electro-galvanized, two loop, hook and breast ring, sizes 16, 17, 18, 19, 20 and 21 in., w't per doz. prs. 66 lbs....per dozen pairs $15.00

HIGH TOP HOOK STAGE, TWO HORSE (FOR DOUBLE HARNESS).

No. 10H (2)—Horse size, varnished steel over top, two loop, hook and breast ring, sizes 18¼ to 20 in., w't per doz. prs. 45 lbs.....per dozen pairs $5.20
No. 10M (2)—Mule size, 17 to 18¾ in., w't per doz. prs. 38 lbs. otherwise same as No. 10H .....per dozen pairs 5.20

No. 12 (1)—Varnished steel over top, three loop, hook and breast ring, sizes 18 to 21 in., w't per doz. prs. 50 lbs., per dozen pairs..... $5.50

No. 50 (166)—Painted red, XC ball top, hook and breast ring, sizes 18 to 22 in., w't per doz. prs. 54 lbs..per dozen pairs $8.40

No. 70 (227)—Mexican, pressed steel, hollow, two loop, hook and breast ring, with stationary bottom hame chain, sizes 18 to 19½ in., w't per doz. prs. 66 lbs.....per dozen pairs $11.30

No. 75 (61)—Concord, damascus finish, polished backs, heavy hook on side with breast ring, for 17 to 21 in. collars, w't per doz. prs. 75 lbs., per dozen pairs $13.50

No. 77 (61)—Concord, damascus finish, polished backs, heavy hook on back with breast ring, for 17 to 21 in. collars, w't per doz. prs. 75 lbs., per dozen pairs..... $13.50

HIGH TOP CLIP STAGE, TWO HORSE (FOR DOUBLE HARNESS).

No. 220 (150A)—Varnished steel over top, clip and breast ring, sizes 18 to 21 in., w't per doz. prs. 48 lbs..per dozen pairs $8.30
No. 224 (160A)—Painted black, XC long spot and trimmings, clip and breast ring, 18 to 21 in. collars, w't per doz. prs. 49 lbs.....per dozen pairs 9.50

No. 226 (450A)—Painted black, steel over top, combination loop, clip and breast ring, sizes 19 to 22 in., w't per doz. prs. 48 lbs.....per dozen pairs $9.30

No. 228 (460A)—Painted black, XC long spot and trimmings, steel over top, combination loop, clip and breast ring, sizes 19 to 22 in., w't per doz. prs. 48 lbs.....per dozen pairs $10.20
No. 230 (460A)—Painted red, otherwise same as No. 228.....per dozen pairs 10.80

No. 250 (166)—Painted red, XC ball top, clip and breast ring, sizes 18½ to 22 in., w't per doz. prs. 52 lbs., per dozen pairs $10.00

No. 262 (325)—Painted red, XC long spot, ball and trimmings, combination loop, clip and breast ring, sizes 19 to 22 in., w't per doz. prs. 56 lbs., per dozen pairs..... $13.20

No. 270 (91)—Painted red, steel bound XC ball top and trimmings, combination loop, clip and breast ring, for 19 to 22 in. collars, w't per doz. prs. 70 lbs. per dozen pairs..... $16.00
No. 271 (91)—Brass ball and trimmings, otherwise same as No. 270, per dozen pairs..... 25.00

No. 284 (155)—Painted red, brass Dandy ball and trimmings, combination loop, clip and breast ring, sizes 20 to 23 in., w't per doz. prs. 67 lbs., per dozen pairs $27.00

FACTORY NUMBERS GIVEN IN PARENTHESES. THE WEIGHTS GIVEN ARE APPROXIMATELY CORRECT.

HAMES.

HIGH TOP CLIP STAGE, TWO HORSE (FOR DOUBLE HARNESS).

No. 300 (6)—Painted red, Dandy Concord, brass ball top and trimmings, clip and breast ring and extra back strap ring for 18 to 21 in. collars, w't per doz. prs. 87 lbs....per dozen pairs $29.30
No. 304 (8)—Extra heavy for 18½ to 22 in. collars, w't per doz. prs. 90 lbs., otherwise same as No. 300, per dozen pairs..... 30.30
No. 305 (6)—Brass long spot, w't per doz. prs. 87 lbs, otherwise same as No. 300, per dozen pairs..... 34.00

No. 404 (40)—Painted red, Little Dandy, steel bound XC long spot and trimmings, combination loop, clip and breast ring, sizes 18½ to 21½ in., w't per doz. prs. 50 lbs....per dozen pairs $19.30
No. 405 (40)—Brass long spot, otherwise same as No. 404.....per dozen pairs 29.50

Concord, Damascus Finish, Clip and Breast Ring.
No. 5C (5)—For 17 to 20 in. collars, w't per doz. prs. 67 lbs....per dozen pairs $13.50
No. 6C (6)—For 18 to 21 in. collars, w't per doz. prs. 69 lbs....per dozen pairs 14.00

"LONE STAR."

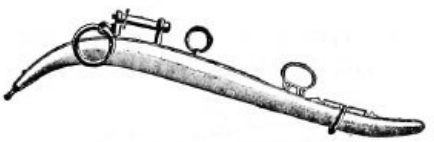
Two Horse (for Double Harness). Answers for both Chain and Clip Traces.
No. 701—Varnished steel over top, *adjustable draft*, breast ring, sizes 18 to 21 in., w't per doz. prs. 58 lbs., per dozen pairs..... $9.50

No. 766—Painted red, XC ball top, *adjustable draft*, breast ring, sizes 18½ to 22 in., w't per doz. prs. 62 lbs., per dozen pairs..... $14.00

No. 761—CONCORD Damascus finish, *adjustable draft*, breast ring, for 18 to 21 in. collars, w't per doz. prs. 79 lbs., per dozen pairs..... $17.00

HIGH TOP BOLT, TWO HORSE (FOR DOUBLE HARNESS).

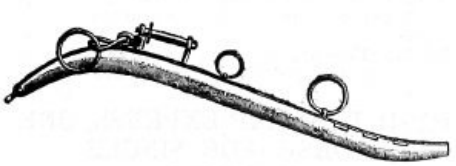
No. 222 (150A)—Varnished, steel over top, bolt, breast ring and extra back, strap ring, sizes 18 to 21 in., w't per doz. prs. 48 lbs.....per dozen pairs $11.00



No. 232 (460A)—Painted black, steel over top, XC long spot and trimmings, combination loop bolt, breast ring and extra back strap ring, sizes 19 to 22 in., w't per doz. prs. 52 lbs. per dozen pairs $13.00

Concord, Damascus Finish, Bolt, Link and Ring and Extra Back Strap Ring.
No. 5B (5)—2 in. bolts for 17 to 20 in. collars, w't per doz. prs. 71 lbs., per dozen pairs..... $17.00
No. 6B (6)—2¼ in. bolts for 18 to 21 in. collars, w't per doz. prs. 73 lbs., per dozen pairs..... 17.30
No. 8B (8)—2¼ in. bolts, for 18½ to 22 in. collars, w't per doz. prs. 76 lbs., per dozen pairs..... 18.50
No. 10B (10)—2½ in. bolts, for 19 to 22½ in. collars, w't per doz. prs. 87 lbs.....per dozen pairs 21.00
No. 12B (12)—2¾ in. bolts, for 21 to 24½ in. collars, w't per doz. prs. 111 lbs.....per dozen pairs 27.20

Painted Black Concord, XC Long Spot, Bolt, Link and Ring, and Extra Back Strap Rings.
No. 5BB (5)—2 in. bolts, for 17 to 20 in. collars, w't per doz. prs. 71 lbs., per dozen pairs..... $21.00
No. 6BB (6)—2¼ in. bolts for 18 to 21 in. collars, w't per doz. prs. 73 lbs., per dozen pairs..... 21.50



Painted Red, Concord, Bolt, Link and Ring and Extra Back Strap Rings.
No. 5BR (5)—2 in. bolts, for 17 to 20 in. collars, w't per doz. prs. 71 lbs., per dozen pairs..... $19.80
No. 6BR (6)—2¼ in. bolts, for 18 to 21 in. collars, w't per doz. prs. 73 lbs., per dozen pairs..... 20.30
No. 8BR (8)—2¼ in. bolts, for 18½ to 22 in. collars, w't per doz. prs. 76 lbs., per dozen pairs..... 21.00
No. 10BR (10)—2½ in. bolts, for 19 to 22½ in. collars, w't per doz. prs. 87 lbs., per dozen pairs..... 23.80

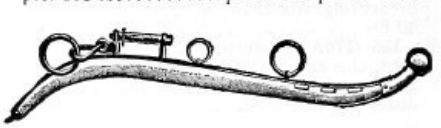
HIGH TOP BOLT, TWO HORSE (FOR DOUBLE HARNESS).

Concord, Damascus Finish, Bolt, Combination Loop, Link and Ring and Extra Back Strap Rings.
No. 5BCL (5)—2 in. bolts, for 17 to 20 in. collars, w't per doz. prs. 76 lbs., per dozen pairs..... $18.00
No. 6BCL (6)—2¼ in. bolts, for 18½ to 22 in. collars, w't per doz. prs. 80 lbs., per dozen pairs..... 18.60

No. 272 (91)—Painted red, steel bound, XC ball top and trimmings, combination loop, bolt, link and ring and extra back strap rings, for 19 to 22 in. collars, w't per doz. prs. 73 lbs., per dozen pairs..... $19.00
No. 273 (91)—Brass ball and trimmings, otherwise as No. 272...per dozen pairs 29.00
No. 275 (91)—Brass Chicago ball and trimmings, otherwise as No. 273, w't per doz. prs., 87 lbs..per dozen pairs 32.40

No. 285 (155)—Painted red, brass Dandy ball and trimmings, combination loop, bolt, breast ring and extra back strap ring, sizes 20 to 23 in., w't per doz. prs. 71 lbs.....per dozen pairs $30.50

Painted Red, Dandy Concord, Brass Ball and Trimmings, Bolt, Link and Ring and Extra Back Strap Rings.
No. 310 (6)—2¼ in. bolts, for 18 to 21 in. collars, w't per doz. prs. 90 lbs., per dozen pairs..... $32.80
No. 312 (8)—Heavy, 2¼ in. bolts, for 18½ to 22 in. collars, w't per doz. prs. 94 lbs.....per dozen pairs 33.70
No. 313 (10)—Extra heavy, 2½ in. bolts, for 19 to 22½ in. collars, w't per doz. prs. 108 lbs.....per dozen pairs 35.00



Painted Red, Dandy Concord, Brass Long Spot, Ball and Trimmings, Bolt, Link and Ring and Extra Back Strap Rings.
No. 314 (6)—2¼ in. bolts, for 18 to 21 in. collars, w't per doz. prs. 90 lbs., per dozen pairs..... $37.60
No. 316 (8)—Heavy, 2¼ in. bolts, for 18½ to 22 in. collars, w't per doz. prs. 94 lbs.....per dozen pairs 38.50
No. 317 (10)—Extra heavy, 2½ in. bolts, for 19 to 22½ in. collars, w't per doz. prs. 108 lbs.....per dozen pairs 40.00

FACTORY NUMBERS GIVEN IN PARENTHESES. THE WEIGHTS GIVEN ARE APPROXIMATELY CORRECT.

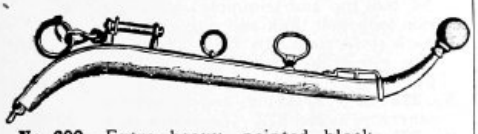
HAMES.

HIGH TOP BOLT, TWO HORSE (FOR DOUBLE HARNESS.)

Painted Red, Favorite Concord, Brass Long Spot, Ball and Trimmings, Bolt, Link and Ring and Extra Back Strap Rings.

No. 330 (8)—2¼ in. bolts, for 8½ to 22 in. collars, w't per doz. prs. 108 lbs., per dozen pairs..... $50.50

No. 610—KNICKERBOCKER, painted red, brass long spot and trimmings, 2¼ in. bolt, link and ring and extra back strap rings, for 22 to 24 in. collars, w't per doz. prs. 108 lbs.....per dozen pairs $57.60



No. 600—Extra heavy, painted black, 2¼ in. bolt, 2¼ in. brass ball top, long neck and trimmings, link and ring, and extra back strap rings, for 22 to 24 in. collars, w't per doz. prs. 120 lbs., per dozen pairs..... $72.00

No. 406 (40)—LITTLE DANDY, Painted red, steel bound, XC long spot, ball and trimmings, bolt, breast ring and extra back strap rings, sizes 18½ to 21½ in., w't per doz. prs. 55 lbs., per dozen pairs $22.10

No. 407 (40)—Brass long spot, ball and trimmings, otherwise same as No. 406, per dozen pairs..... 32.50

LOW TOP CLIP STAGE, TWO HORSE (FOR DOUBLE HARNESS.)

No. 120—(156A)—Painted black, clip and breast ring, size 19 in., w't per doz. prs. 40 lbs.....per dozen pairs $8.80

No. 126 (175A)—Painted black. XC long spot, clip and breast ring, sizes 19 and 20 in., w't per doz. prs. 40 lbs., per dozen pairs..... 9.90

No. 140 (6)—CONCORD, Damascus finish, clip and breast ring and extra back strap rings, size 20 in., w't per doz prs., 68 lbs., ...per dozen pairs $15.00

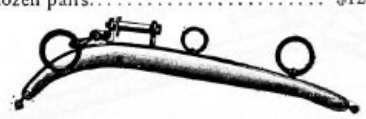
OVAL IRON WOOD COACH, TWO HORSE (FOR DOUBLE HARNESS).

No. 186—Painted black, XC long spot and trimmings, clip and breast ring, sizes 18 to 21 in., w't per doz. prs. 27 lbs.....per dozen pairs $14.00

No. 187—Brass, long spot and trimmings otherwise same as No. 186, per dozen pairs..... 17.50

LOW TOP BOLT, TWO HORSE (FOR DOUBLE HARNESS.)

No. 128 (175A)—Painted black, XC long spot and trimmings, bolt, breast ring and extra back strap rings, sizes 19 and 20 in., w't per doz. prs. 46 lbs., per dozen pairs..... $12.80



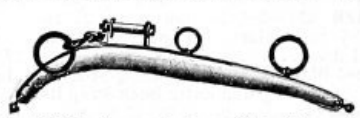
Concord, Damascus Finish, Low Top, Bolt, Link and Ring and Extra Back Strap Rings.

No. 150 (5)—2 in. bolts, sizes 19 and 20 in., w't per doz. prs. 70 lbs., per dozen pairs..... $17.70

No. 151 (6)—2¼ in. bolts, size 21 in., w't per doz. prs. 71 lbs., per dozen pairs..... 18.00

No. 152 (8)—2¼ in. bolts, size 22 in., w't per doz. prs. 73 lbs., per dozen pairs..... 18.60

No. 154 (10)—2½ in. bolts, size 23 in., w't per doz. prs. 84 lbs., per dozen pairs..... 21.50



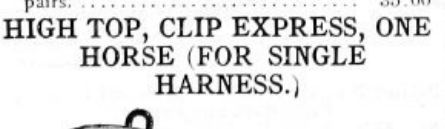
Painted Red, Concord, Low Top, Brass Long Spot and Trimmings, Bolt, Link and Ring and Extra Back Strap Rings.

No. 176 (6)—2¼ in. bolts, size 21 in., w't per doz. prs. 71 lbs., per dozen pairs..... $31.50

No. 177 (8)—2¼ in. bolts, size 22 in., w't per doz. prs. 73 lbs., per dozen pairs..... 32.00

No. 179 (10)—2½ in. bolts, size 23 in., w't per doz. prs. 84 lbs., per dozen pairs..... 35.00

HIGH TOP, CLIP EXPRESS, ONE HORSE (FOR SINGLE HARNESS.)



No. 515 (15)—Painted red, XC globe ball top, clip express, sizes 17 to 20¼ in. w't per doz. prs. 52 lbs., per dozen pairs..... $11.00

No. 516 (15)—Brass globe ball, otherwise same as No. 515 .....per dozen pairs 13.50

HIGH TOP CLIP EXPRESS, ONE HORSE (FOR SINGLE HARNESS.)

No. 550 (155)—Painted red, brass Dandy ball and trimmings, combination loop, clip express, size 20 to 23 in., w't per doz. prs. 59 lbs..... .per dozen pairs $28.20

No. 550 (6)—Painted red, Concord brass globe ball and trimmings, clip express for 18 to 21 in. collars, w't per doz. prs. 70 lbs.....per dozen pairs $27.30

No. 574 (6)—Painted red, Dandy Concord, brass ball and trimmings, clip express, for 18 to 21 in. collars, w't per doz. prs. 84 lbs....per dozen pairs $28.00

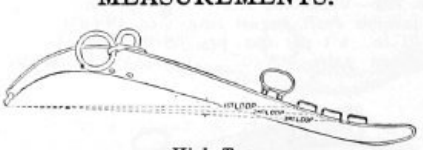
No. 576 (6)—Brass long spot, otherwise as No. 574.....per dozen pairs 35.00

LOW TOP CLIP EXPRESS, ONE HORSE (FOR SINGLE HARNESS.)

No. 562 (5)—Painted red, Concord brass long spot and trimmings, clip express, size 20 in., w't per doz. prs. 62 lbs., per dozen pairs..... $26.00

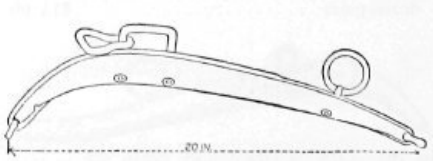
No. 565 (6)—Size 21 in., w't per doz. prs. 65 lbs., otherwise as No. 562, per dozen pairs..... 26.70

MEASUREMENTS.



High Top.

As will be seen by the accompanying sketch, the size of our high top hames is found by measuring according to the dotted lines, viz: from the lowest point of the top loops to the tip of the bottom loop.



Low Top.

Measured according to dotted line.

FACTORY NUMBERS GIVEN IN PARENTHESES. THE WEIGHTS GIVEN ARE APPROXIMATELY CORRECT.

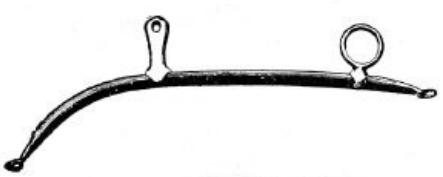
HAMES AND MISCELLANEOUS TRIMMINGS.

HAMES.

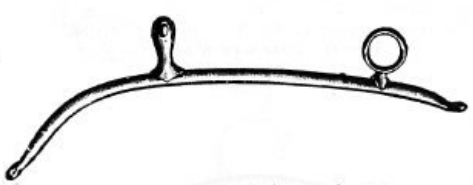
No. 800—Full japanned, band terrets, sizes 17 to 22 in., w't per doz. prs. 42 lbs.....per dozen pairs $7.68
No. 802—Full XC band terrets, sizes 17 to 22 in., w't per doz. prs. 42 lbs., per dozen pairs..... 9.12

No. 810—Imitation rubber, all black, London draft eye, plain wire terrets, sizes 17 to 22 in., w't per doz. prs. 42 lbs.....per dozen pairs $11.52
No. 811—Plain band terrets, otherwise same as No. No. 810.....per dozen pairs 11.52

No. 817—Full japanned body, japanned London draft eye, plain wire nickel or iron terrets, sizes 17 to 22 in., w't per doz. prs. 42 lbs.....per dozen pairs $10.08
No. 818—Nickel on iron terrets, otherwise same as No. 817..per dozen pairs 10.08

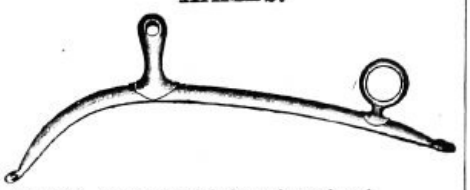


No. 824—Japanned body, nickel finger draft eye, composition nickel wire terrets, sizes 17 to 22 in., w't per doz. prs. 42 lbs.....per dozen pairs $14.40
No. 825—Nickel band terrets, otherwise same as No. 824.....per dozen pairs 14.40
No. 826—Electro brass finger draft eye, plain wire brass terrets, otherwise same as No. 824.....per dozen pairs 14.40
No. 827—Electro brass finger draft eye, brass band terrets, otherwise same as No. 824.....per dozen pairs 14.40

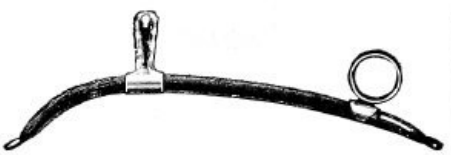


No. 830—Full nickel on electro brass, finger draft eye, composition nickel wire terrets, sizes 18 to 22 in., w't per doz. prs. 42 lbs. .....per dozen pairs $22.80
No. 831—Full electro brass, finger draft eye, solid brass wire terrets, sizes 18 to 22 in., w't per doz. prs. 42 lbs., per dozen pairs..... 22.80

HAMES.

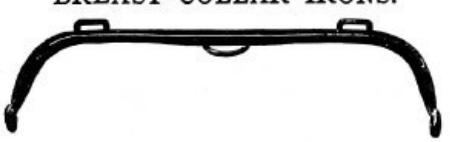


No. 850—Full spot nickel on close plated brass, finger draft eye, plain wire terrets, sizes 18 to 22 in., w't per doz. prs. 48 lbs.....per dozen pairs $37.20
No. 852—Full spot brass, close plated, finger draft eye, plain wire terrets, sizes 18 to 22 in., w't per doz. prs. 48 lbs.....per dozen pairs 37.20



No. 860—Japanned body, brass close plated London draft eye, brass band terrets, sizes 19 to 22 in., w't per doz. prs. 48 lbs.....per dozen pairs $25.20

BREAST COLLAR IRONS.



Stowell's.

No. 950—Full japanned..per dozen pairs $19.20
No. 952—Full imitation rubber, per dozen pairs..... 22.80
No. 954—Japanned body, nickel center only.....per dozen pairs 28.80
No. 956—Japanned body, oroide center, per dozen pairs..... 28.80
No. 958—Full nickel on close plated brass, w't per doz. prs. 30 lbs., per dozen pairs..... 57.60

REPAIR TERRETS.

Plain Wire, for 3½ Lb. Iron Hames, to Rivet.

No. 40—Japanned.....	per doz.	$0.80
No. 41—XC plate.....	"	.80
No. 42—Nickel electro.....	"	1.30
No. 43—Imitation rubber.....	"	1.30
No. 44—Solid brass.....	"	2.10

ONE DOZEN IN A BOX, W'T 1½ LBS.

Plain Band, for 3½ Lb. Hames, to Rivet.

No. 50—Japanned.....	per doz.	$0.80
No. 51—XC plate.....	"	.80
No. 52—Nickel electro.....	"	1.30
No. 53—Imitation rubber.....	"	1.30
No. 54—Solid brass.....	"	2.10

ONE DOZEN IN A BOX, W'T 2 LBS.

HAME LINE RINGS AND STUDS.

Common.

No. 500—Polished, 1⅞ in. ring, w't per doz. 1½ lbs.....per dozen $0.42
No. 504—XC plate, 1⅞ in. ring, w't per doz. 1½ lbs.....per dozen .64
TWO DOZEN IN A BOX.

Concord.

No. 520—Polished, 2 in. ring, w't per doz. 2¼ lbs.....per dozen $0.56
No. 525—Solid brass, 2 in. ring, w't per doz. 2½ lbs.....per dozen 2.80
TWO DOZEN IN A BOX.

Loose Brace.

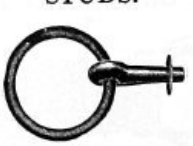
No. 532—Japanned, w't per doz., 2 lbs.....per dozen $1.26
ONE DOZEN IN A BOX.

BACK STRAP RINGS AND STUDS.

Polished Ring.

No. 550—1¼ in. w't per doz. 1¼ lbs., per dozen..... $0.28
No. 560—1½ in., w't per doz. 1½ lbs., per dozen..... .28
FOUR DOZEN IN A BOX.

HAME BREAST RINGS AND STUDS.



No. 570—Polished, 2 in. ring, w't per doz. 3½ lbs.....per dozen $0.56
FOUR DOZEN IN A BOX.

HAME TRIMMINGS.

HOLD BACK PLATES AND RINGS.

No. 580—Polished, 1⅞ in. ring, w't per doz. prs. 6½ lbs.....per dozen pairs $1.80
No. 584—XC plate, 1⅞ in. ring, w't per doz. prs. 6½ lbs.....per dozen pairs 2.30
ONE DOZEN PAIRS IN A BOX.

CONCORD LINKS AND RINGS.

No. 590—Polished, 2 in. ring, w't per doz. 3¾ lbs.....per dozen $0.88
FOUR DOZEN IN A BOX.

COMBINATION HAME LOOPS.

No. 614—XC plate, w't per doz. 1¼ lbs., per dozen..... $0.34
THREE DOZEN IN A BOX.

HAME RATCHETS.

No. 604—XC plate, w't per doz. 1¼ lbs., per dozen..... $0.34
ONE DOZEN IN A BOX.

REPAIR CLIPS AND LOOPS.

No. 642—Japanned, w't per doz. 1½ lbs., per dozen..... $0.56

REPAIR BOTTOM LOOPS.

No. 622—Common, to screw, japanned, for ⅞ or 1 in. strap, w't per doz. 1 lb per dozen..... $0.48

No. 630—CONCORD, 1¼ in., polished, w't per doz. 1½ lbs.....per dozen $0.64
SIX DOZEN IN A BOX.

HAME BOLTS.

Polished.

Nos.	6	8	10	12
Length.	3¼	3½	3¾	4 in.
W't per doz.	1¾	2	2⅛	2¼ lbs.
Per dozen.	$0.64	.64	.64	.64

SIX DOZEN IN A BOX.

HAME STARTS.

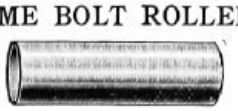
Polished, Plain.

Nos.	6P	8P	10P	12P
W't per doz.	1¼	1½	1¾	2 lbs.
Per dozen.	$0.76	.76	.76	.76

Polished, Threaded.

Nos.	6T	8T	10T	12T
W't per doz.	1¼	1½	1¾	2 lbs.
Per dozen.	$0.76	.76	.76	.76

HAME BOLT ROLLERS.



Polished, Plain.

Nos.	6P	8P	10P	12P
Length.	2¼	2½	2¾	3 in.
W't per doz.	1	1¼	1½	1¾ lbs.
Per dozen.	$0.40	.40	.40	.40

Polished, Flanged.

Nos.	6F	8F	10F	12F
Length.	2¼	2½	2¾	3 in.
W't per doz.	1	1¼	1½	1¾ lbs.
Per dozen.	$0.40	.40	.40	.40

NOS. 6P, 8P, 6F AND 8F, THREE DOZEN; NOS. 10P, 12P, 10F AND 12F, TWO DOZEN IN A BOX.

HAME TIPS.

Globe Ball, Brass.

Nos.	17	18	19
Diam. shank.	⅞	1	1⅛ in
W't per doz.	4	4½	5 lbs
Per single dozen.	$2.30	2.60	3.20

Globe Ball, Nickel.

Nos.	27	28	29
Diam. shank.	⅞	1	1⅛ in
W't per doz.	4	4½	5 lbs
Per single dozen.	$2.50	2.90	3.60

ONE DOZEN IN A BOX.

Express Ball, Brass.

Nos.	37	38	39
Diam. shank.	⅞	1	1⅛ in
W't per doz.	4¼	4¾	7 lbs
Per single dozen.	$3.50	3.80	4.40

Express Ball, Nickel.

Nos.	47	48	49
Diam. shank.	⅞	1	1⅛ in.
W't per doz.	4¼	4¾	7 lbs.
Per single dozen.	$3.70	4.00	4.70

TWO-THIRDS DOZEN IN A BOX.

Dandy Ball, Brass.

Nos.	57	58	59
Diam. shank.	⅞	1	1⅛ in.
W't per doz.	6	6½	8 lbs.
Per single dozen.	$6.00	6.00	6.40

Dandy Ball, Nickel.

Nos.	67	68	69
Diam. shank.	⅞	1	1⅛ in.
W't per doz.	6	6½	8 lbs.
Per single dozen.	$6.40	6.40	6.80

HALF DOZEN IN A BOX.

Favorite Ball, Brass.
No. 79—Diam. shank, 1⅛ in., w't per doz. 10 lbs.....per single dozen $10.00
HALF DOZEN IN A BOX.

HEEL CHAINS AND SUNDRIES.

HAME FASTENERS.

No. 5—SUCCESS, bronzed, twist link, w't per doz. 10 lbs. ..... per dozen $5.60
ONE DOZEN IN A BOX.

No. 10—STAR, bronzed, twist link, w't per doz. 6 lbs. ..... per dozen $3.50
ONE DOZEN IN A BOX.

No. 15—DODSON'S, polished steel, flat link, w't per doz. 7 lbs. ..... per dozen $4.00
ONE DOZEN IN A BOX.

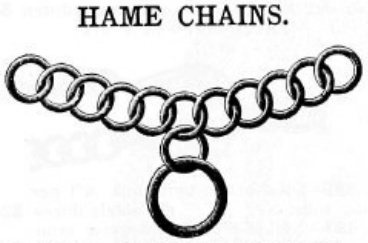
KIDNEY LINKS AND RINGS.

Nickel Plated.

Nos.	25	30	35	40	45	50	
Length.	3½	4	4½	4	4½	5	in.
Diam. wire.	5/16	5/16	5/16	3/8	3/8	3/8	in.
W't per pr.	1	1	1	1	1	1	lb.
Per pair.	$0.60	.60	.60	.70	.70	.70	

One pair consists of two links and two rings.
ONE DOZEN IN A BOX.

HAME CHAINS.



No. 75—Polished, 8 in. long, w't per doz. 4 lbs. ..... per dozen $4.70
No. 80—Nickel plated, 8 in. long, w't per doz. 4 lbs. ..... per dozen 5.40
No. 85—Solid brass, 8 in. long, w't per doz. 4 lbs. ..... per dozen 6.70
ONE DOZEN IN A BOX.

HEEL CHAINS.

Bright, Straight Link.

Nos.	10	11	12	15	16	
Length.	11	15½	20	11	15½	in.
Number of links.	4	6	8	4	6	
Size of wire.	5/16	5/16	5/16	3/8	3/8	in.
W't per doz. prs.	15	21	27	21	30	lbs.
Per dozen pairs.	$1.50	2.50	3.50	2.50	3.80	

Bright, Straight Link, with Roller Dee.

Nos.	20	21	22	25	26	
Length.	13	13	13	18	18	in.
Number of links.	4	4	4	6	6	
Size of wire.	5/16	5/16	5/16	5/16	5/16	in.
Size of dee.	1½	1¾	2	1½	1¾	in.
W't per doz. prs.	18	20	21	24	32	lbs.
Per dozen pairs.	$2.50	2.50	2.50	3.50	3.50	

Nos.	36	37	38	
Length.	18	18	18	in
Number of links.	6	6	6	
Size of wire.	3/8	3/8	3/8	in.
Size of dee.	1¾	2	2¼	in.
W't per doz. prs.	39	42	45	lbs.
Per dozen pairs.	$5.00	5.00	5.70	

Bright, Straight Link, with Bolt and Roller Dee.

Nos.	65	66	67	
Length.	18	18	18	in.
Number of links.	6	6	6	
Size of wire.	5/16	5/16	5/16	in.
Size of dee.	1½	1¾	2	in.
W't per doz. prs.	18	20	21	lbs.
Per dozen pairs.	$4.00	4.00	4.00	

Bright, Straight Link, with Screw Swivel Dee.

Nos.	40	41	42	
Length.	18	18	18	in.
Number of links.	6	6	6	
Size of wire.	5/16	5/16	5/16	in.
Size of dee.	1½	1¾	2	in.
W't per doz. prs.	28	30	33	lbs.
Per dozen pairs.	$4.00	4.00	4.00	

Nos.	47	48	49	
Length.	23	23	23	in.
Number of links.	8	8	8	
Size of wire.	5/16	5/16	5/16	in.
Size of dee.	1½	1¾	2	in.
W't per doz. prs.	34	36	37	lbs.
Per dozen pairs.	$5.00	5.00	5.00	

No. 55—18 in. long, 8 links, 3/32 in. wire, bright, straight link, with swivel and clip, w't per doz. prs. 26 lbs., per dozen pairs. $4.10

HEEL CHAINS.

No. 50—33 in. long, 10 links, 5/16 in. wire, bright, straight link, with swivel, w't per doz. prs. 44 lbs. ..... per dozen pairs $6.30

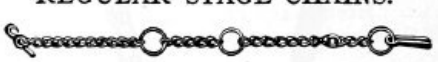
DETACHABLE HEEL CHAINS.

No. 404—17¼ in. long, 4 links, 5/16 in. wire, bright, straight link, with snap, w't per doz. prs. 30 lbs. ..... per dozen pairs $5.80

BUCKEYE STAGE CHAINS.

Western Standard.
No. 301—3½ ft. long, 10 links per ft., 3/32 in. wire, w't per doz. prs. 80 lbs., per dozen pairs. $10.90

REGULAR STAGE CHAINS.

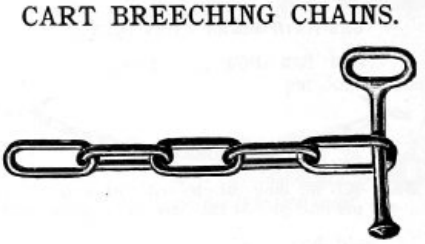


Western Standard.
No. 312—3½ ft. long, 8 links per foot, ¼ in. wire, w't per doz. prs. 53 lbs., per dozen pairs. ..... $ 8.80
No. 331—3½ ft. long, 10 links per foot, 9/32 in. wire, w't per doz. prs. 72 lbs., per dozen pairs. 10.96
Western standard stage chains run one link short of actual count.

CART BACK CHAINS.

Bright, Double Link, with Swivel.
No. 80—4 ft. long, ¼ in. wire, w't per doz. 45 lbs. ..... per single dozen $ 9.40
No. 81—4½ ft. long, ¼ in. wire, w't per doz. 51 lbs. ..... per single dozen 11.00

CART BREECHING CHAINS.



No. 60—15½ in. long, 5 links, 5/16 in. wire, bright, straight link, without pins, w't per doz. prs. 18 lbs. ..... per dozen pairs $2.60

CART BREECHING PINS.

No. 72—Bright, 3 in., w't per doz. prs. 5 lbs. ..... per dozen pairs $0.90
No. 73—Bright, 3½ in., w't per doz. prs. 6¼ lbs. ..... per dozen pairs .90
No. 74—Bright, 4 in., w't per doz. prs. 6½ lbs. ..... per dozen pairs .90

MISCELLANEOUS CHAINS.

BREAST.

Covert's XC Plate.

Nos.	208H	250H	251H	
Length	36	40	44	in.
W't per doz. prs	51	56	60	lbs.
Per dozen pairs	$17.30	19.00	20.70	

Tapering chain, large links in center and tapering gradually toward either end.

ONE-QUARTER DOZEN PAIRS IN A BOX.

Covert's XC Plate, with Slide Snaps.

Nos.	218H	220H	217H	
Length, including center snap	28	32	40	in.
Size of wire	5/16	5/16	5/16	in.
W't per doz. prs	54	60	72	lbs.
Per dozen pairs	$19.20	21.60	26.40	

This chain can be adjusted to any length by taking up the links and dropping one or more, as shown in cut.

ONE-SIXTH DOZEN PAIRS IN A BOX.

No. 1—26 in. long, bright without slide, w't per doz. pr's 31 lbs..per dozen pairs $5.40

No. 3—30 in. long, bright, with covert tinned snaps, w't per doz. pr's 32 lbs., per dozen pairs ..... $ 9.00

No. 70—44 in. long, 3/32 in. galvanized, extra heavy covert snaps on each end, w't per doz. pr's 66 lbs., per dozen pairs..... 15.00

BREAST.

No. 2—26 in. long, bright, doubleslack, without slide, w't per doz. pr's 50 lbs., per dozen pairs..... $11.40

No. 4—26 in. long, bright, with slide, w't per doz. pr's 44 lbs.,...per dozen pairs $6.00

HOBBLE.

Coast Pattern.

No. 280—9 in. long, 1½ in. dees, ¼ in. wire, w't per doz. 7 lbs. .....per dozen $1.30

No. 281—10 in. long, *Extra Heavy*, 1½ in. dees, 5/16 in. wire, w't per doz. 11½ lbs., per dozen..... 2.40

Denver Pattern.

No. 285—9 in. long, 1½ in. dees, ¼ in. wire, w't per doz. 5 lbs.....per dozen $1.30

COVERT'S REIN.

XC Plate, with 1 in. Triangle.

Nos.	244	246	248	
Length	12	18	24	in.
W't per doz.	3	3¾	4½	lbs.
Per dozen	$2.30	3.20	4.00	

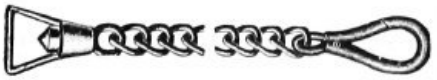
TWO DOZEN IN A BOX.

COVERT'S STALLION.

No. 256—XC plate, 18 in. long, 1¼ in. swivel dees, w't per doz. 6 lbs..per dozen $4.50

ONE DOZEN IN A BOX.

SCOTCH STALLION.



No. 275—Polished, 18 in. long, 1¼ in. swivel triangle, w't per doz. 6½ lbs., per dozen..... $5.10

ONE DOZEN IN A BOX.

CURB CHAINS AND HOOKS.

Chains with Hooks, Fine Nickel.

No. H18—8 in. long, 18 links...per dozen $4.00
No. 3277—8½ in. long, 24 links, " 6.80
No. 6036—10 in. long, 28 links, " 7.40

ONE DOZEN IN A BOX. W'T 2 LBS.

Hooks Only.

No. 100—1⅝ in., nickel plated, w't per doz. ½ lb.....per dozen $0.50

GAG.

No. 500—Solid brass, w't per doz. 3 lbs., per single dozen..... $2.70
No. 510—Nickel plated, w't per doz. 3 lbs., per single dozen..... 2.70

ONE DOZEN IN A BOX.

No. 520—Solid brass, w't per doz. 3 lbs., per single dozen..... $2.70
No. 530—Nickel plated, w't per doz. 3 lbs., per single dozen..... 2.70

ONE DOZEN IN A BOX.

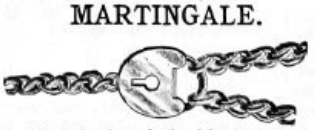
No. 540—Solid brass, w't per doz. 3 lbs., per single dozen..... $3.10
No. 550—Nickel plated, w't per doz. 3 lbs., per single dozen..... 3.10

ONE DOZEN IN A BOX.

No. 560—Solid brass, w't per doz. 3 lbs., per single dozen..... $7.50
No. 570—Nickel plated, w't per doz. 3 lbs., per single dozen..... 7.50

ONE DOZEN IN A BOX.

MARTINGALE.



No. 610—Nickel plated double link, w't per doz. 6 lbs.....per single dozen $8.80

HALF DOZEN IN A BOX.

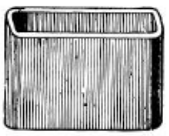
No. 620—Solid brass, twist link, w't per doz. 6 lbs.....per single dozen $24.90
No. 630—Nickel plated, otherwise same as No. 620.....per single dozen 24.90
No. 640—Solid brass, extra heavy, twist link, w't per doz. 12 lbs., per single dozen..... 28.40
No. 650—Nickel plated, otherwise same as No. 640.....per single dozen 28.40

ONE-SIXTH DOZEN IN A BOX.

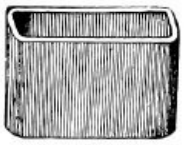
LOOPS, DROPS AND SPREAD STRAPS.

SLIDE LOOPS.

⅝ in.



¾ in.



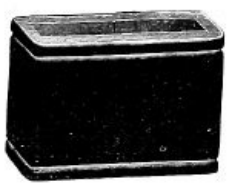
⅞ in.

Celluloid.

Nos.	1	2	3	4	5
Color,	white	white	white	red	red
Size,	⅝	¾	⅞	⅝	¾ in.
W't per gro.,	¾	⅞	1	¾	⅞ lb.
Per gross,	$4.60	5.30	6.00	4.60	5.60
Nos.			**6**	**7**	**8**	**9**
Color,			red	blue	blue	blue
Size,			⅞	⅝	¾	⅞ in.
W't per gro.,			1	¾	⅞	1 lb.
Per gross,			$6.00	4.60	5.60	6.00

ONE GROSS IN A BOX.

Leather.



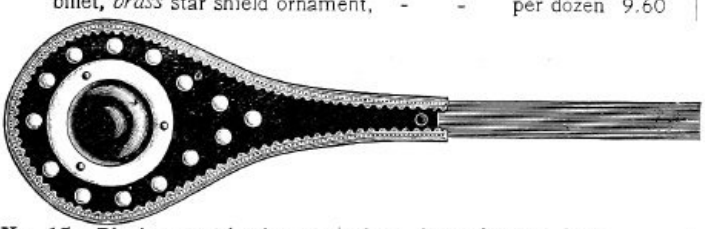
Nos.	110	112	114	116
Size,	½	⅝	¾	⅞ in.
Per gross,	$1.00	1.10	1.20	1.30
Nos.	**118**	**120**	**122**	**124**
Size,	1	1⅛	1¼	1½ in.
Per gross,	$1.44	1.70	2.00	2.70

ONE GROSS IN A BOX.

FACE DROPS.

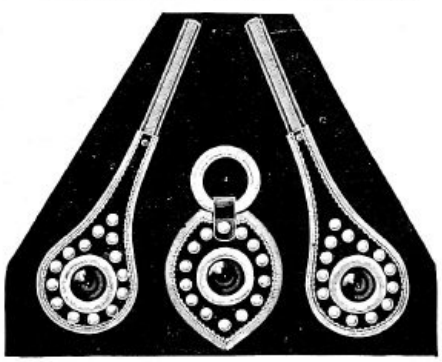
No. 5—Patent leather, with fancy binding, ¾ in. billet, *brass* heart ornament, - - - - - - per dozen $6.50

No. 10—Patent leather with fancy binding and underlay, ¾ in. billet, *brass* star shield ornament, - - per dozen 9.60



No. 15—Black patent leather, 4½×9 in., fancy binding, harness leather back, ¾×6 in. billets, fancy glass and ring center ornament, brass spots, - - per dozen $13.30

FACE AND LINE DROPS.



No. 25, - - - - - - - - per card $3.60

Cards consist of 2 patent leather face drops, 4×9 in. fancy binding, harness leather back, ¾×6 in. billet, fancy glass and ring, center ornament brass spots, and 1 line drop 4¾×6 in., finished to correspond with face drops.

LINE DROPS.

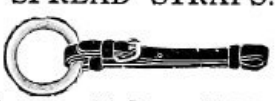
No. 30, - - - - - - - - per card $3.60

Card consists of two 3¼×3½ in., with brass heart ornaments, two 4×4 in., with brass heart, ornaments and spots, one 4¾×6 in., with fancy oval glass and ring ornament and brass spots on patent leather face, fancy bound with harness leather back.

HIP DROPS.

No. 35—3¼×9 in., patent leather face, with brass heart ornament and spots, harness leather back, - per dozen $10.30

SPREAD STRAPS.



Buggy, with Duranoid Ring.

No. 550—½ in., nickel trimmed, w't per single doz. ½ lb., per single dozen, - - - - - - - - $2.15

No. 551—½ in., imitation rubber trimmed, w't per single doz. ½ lb., - - - - - - per single dozen 2.

Team, with Duranoid Ring.

No. 552—⅝ in., XC trimmed, w't per single doz. 1½ lbs., per single dozen, - - - - - - - - $1.98

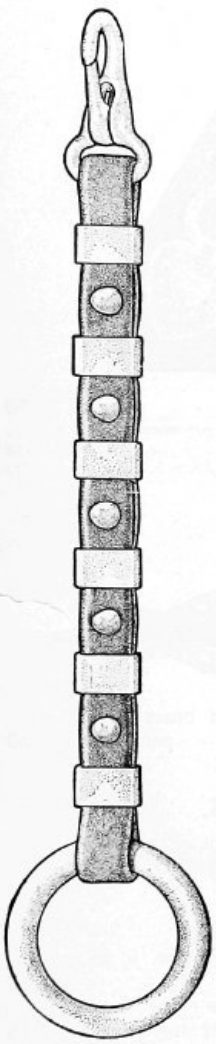
ONE DOZEN IN A BUNDLE

No. 560—4 terraloid rings, assorted red, white and blue, brass side loops, length 15 in., - - per dozen $5.70

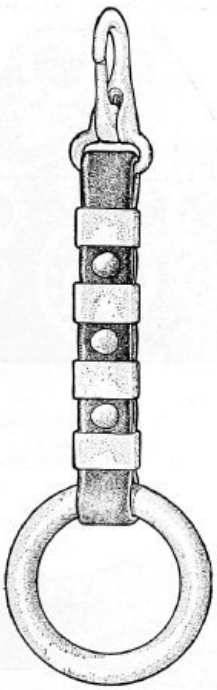
No. 565—13 terraloid rings, assorted red, white and blue, brass slide loops, length 15 in., - - per dozen $9.50

No. 570—5 terraloid rings, assorted red, white and blue, brass slide loops and brass band covering straps, full length 16 in., - - - - - - per dozen $9.60

SPREAD STRAPS.



No. 585.



No. 575.

No. 572.

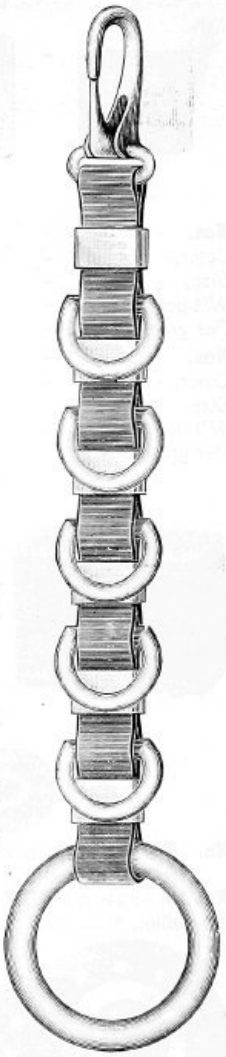
No. 572—Per card, - - - $4.70

Card consists of ½ dozen ⅝ in. white rawhide straps, with four 1 in. ivory inlaid rings, one 1⅞ in. ring, fancy celluloid slide loops.

No. 575—⅝ in. russet leather strap 8 in. long, with white celluloid ring, slide loops and red, white and blue celluloid spots, - per dozen $ 7.50

No. 580—⅝ in. red enameled strap, 8 in. long, with white celluloid ring, slide loops and dees, - per dozen 10.00

No. 580.



No. 590.

No. 585—⅝ in. russet leather strap, 12 in. long, with white celluloid ring, slide loops and red, white and blue celluloid spots, - - - - - - per dozen $10.00

No. 590—⅝ in. red enameled leather strap, 12 in. long, with white celluloid ring, slide loops and dees, - - - - - - - - - - - per dozen 13.00

AVERAGE WEIGHT PER DOZEN 3 LBS.

FEED BAGS.

No. 1900.

No. 2.

No. 4.

No. 5.

No. 6.

No. 1900—Heavy canvas, wood bottom, with ¼ in. sisal rope, - - - - - - - - - - - per dozen $ 4.60

No. 1—12 oz. duck, sewed russet split leather pressed bottom, leather ventilator, ⅞ in. head strap, - - - " 8.80

No. 2—12 oz. double filled duck, sewed black leather bottom, leather ventilator, ⅞ in. head strap, - - - " 9.40

No. 3—8 oz. extra quality duck, sewed black leather deep bottom, leather ventilator, ⅞ in. head strap, - - - " 11.90

No. 4—12 oz. extra quality double filled duck, black leather bottom riveted to 2½ in. leather extension, leather ventilator, ⅞ in. head strap, - - - - - - - - - - - - - - - - - - per dozen 15.00

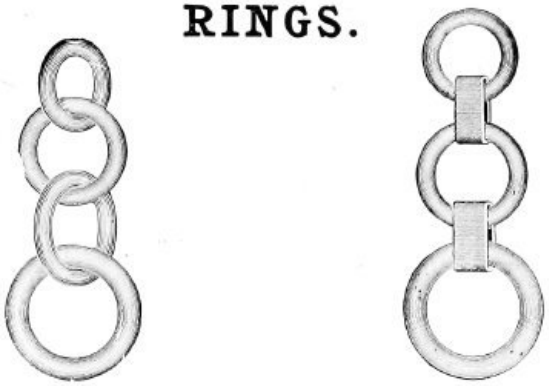
No. 5—12 oz. double filled duck, black leather bottom riveted to 6¾ in. ventilated leather extenson, ⅞ in head strap, which extends down and is riveted to the leather, - - - - - - - - - - - - - - - per dozen 19.40

No. 6—Large 12 oz. double filled duck, black leather bottom., riveted to 6¾ in. ventilated leather extension, which is sewed and riveted to duck, ⅞ in. leather head strap, which extends down to the leather part and is sewed to the duck, - - per dozen 22.50

No. 7—Extra large 8 oz. best quality double filled duck, black leather bottom riveted to 7 in. ventilated leather extension, which is sewed and riveted to the reinforced duck, 1 in. leather head strap, which extends down to the leather part and is securely sewed to the duck, - - - - - - - - - - - - - - - - - - per dozen 30.00

AVERAGE WEIGHT PER DOZEN ABOUT 20 LBS.

CELLULOID SPREADER RINGS.



Union. Looped.

Union, Assorted, Red, White and Blue.

No. 3—Consists of 3 rings, 1⅛, 1¼ and 1¾ in. in diameter, - - - - - - - per string $0.90
No. 4—Consists of 4 rings, 1⅛, 1¼, 1½ and 1¾ in. in diameter, - - - - - - - per string 1.20
No. 5—Consists of 5 rings, 1⅛, 1¼, 1½, 1¾ and 2 in. in diameter, - - - - - - per string 1.70

Looped, White Rings with Red Loops.

No. 8—Consists of 3 rings, 1¼, 1½ and 1¾ in. in diameter and two slide loops, - - - per string $1.10
No. 90—Consists of 4 rings, 1⅛, 1¼, 1½ and 1¾ in. in diameter and three slide loops, - - per string 1.50

HALF DOZEN STRINGS IN A BOX.

HAIR PLUMES.

Red Only.

Nos. - -	6	8	10	12
Length, -	6	8	10	12 in.
Per single dozen,	$1.10	1.40	1.90	2.40
Nos. - - -		**14**	**16**	**18**
Length, - -		14	16	18 in.
Per single dozen, -		$2.70	3.10	3.40

HAIR ROSETTES.

Red Only.

No. 14X—14 in. per single dozen $3.60
No. 16X—16 in., " " 4.00

WOOD SWEAT SCRAPERS.

No. 1—Hickory, 18 in. long, - - - per dozen $1.70

BLANKET PINS.

No. 8—Medium, 3¼ in., nickel plated, - per dozen $0.40
No. 10—Large, 4 in., nickel plated, - " .50

No. 12—4¼ in., nickel plated, - - - per dozen $0.60

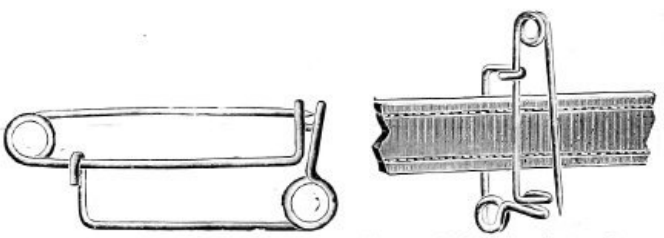
HALF DOZEN ON A CARD. HALF GROSS IN A BOX.

No. 20—5½ in. long, nickel plated, - - per dozen $1.50

A most satisfactory blanket or coat pin, will not tear the fabric because it has a double bearing, easily unhooked when desired without removing gloves or mittens.

ONE DOZEN IN A BOX.

BLANKET HOLDERS.



Showing Holder Attached to Trace.

No. 15—HANDY, 4 in., nickel plated, - - per dozen $0.60

By the use of this holder the blanket is held securely in place and cannot be blown off

No. 20.

TAIL HOLDERS.

No. 20H—POWELL'S, nickel plated, per dozen, - - - - $1.50

No. 25—READ'S, nickel plated, - per dozen $3.00

No. 25.

HORSE BOOTS.

ANKLE.

No. 5.

No. 18.

No. 5—Leather, - - - - per single dozen $2.00
No. 15—Leather, extra large, - - " " 3.00
No. 18—Boss, leather, zinc lined, - " " 4.50

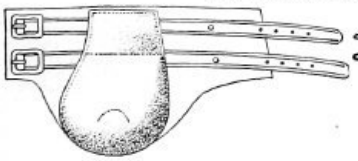
NO. 18, ONE DOZEN IN A BOX.

No. 3.

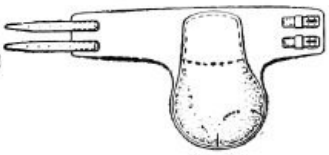
No. 35.

No. 3—Steel Shank, - - - per single dozen $ 7.30
No. 35—Rubber, sizes 9½, 10, 10½, 11 or 11½ in., dozen 10.00

ONE DOZEN IN A PACKAGE.



No. 20.

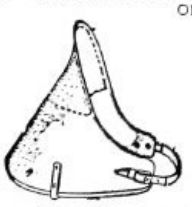


No. 25.

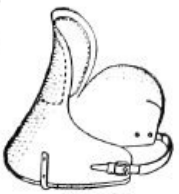
No. 20—Leather, felt wrap, - - per single dozen $4.50
No. 25—Calfskin lined, - - - " " 6.00

ONE DOZEN IN A BOX.

SCALPERS.



No. 200.

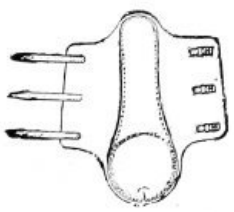


No. 201.

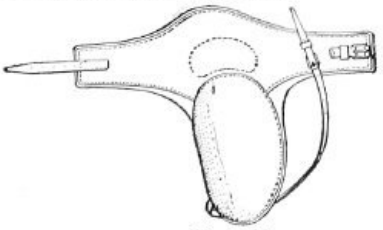
No. 200—Full front protection, leather covered pad, with spur, - - - - - - - per pair $2.70
No. 201—Full front and side protection, leather covered pad, with spur, - - - - - - - per pair 4.00

ONE PAIR IN A BOX.

SHIN AND ANKLE, AND KNEE.



Nos. 1006X and 1002.



No. 1138.

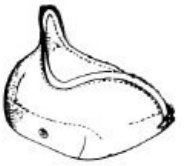
No. 1006X—Shin and ankle, felt wrapper, - per pair $2.00
No. 1002—Shin and ankle, calfskin wrapper, without elastic, - - - - - - - per pair 2.70
No. 1138—Knee, close fitting, felt lined, two billets, per pair, - - - - - - - - 2.70

ONE PAIR IN A BOX.

QUARTER.

No. 17X.

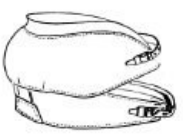
No. 36X.



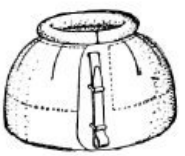
No. 1027.

No. 17X—Close fitting, one strap, calfskin lined, per pair $2.70
No. 36X—Two straps, calfskin lined, - - " 4.00
No. 1027—Pacing, with inside protection, leather lined, per pair, - - - - - - - - 4.70

ONE PAIR IN A BOX.



No. 28X.



No. 2.

No. 1209.

No. 28X—Rawhide back hinge, waterproof leather lined, per pair, - - - - - - - - $5.40
No. 2—Bell, leather, seamless, imitation buckskin roll, per pair, - - - - - - - - 4.00
No. 1209—Coronet, leather, felt lined, light weight and durable, - - - - - - - per pair 2.30

ONE PAIR IN A BOX.

No. 510.

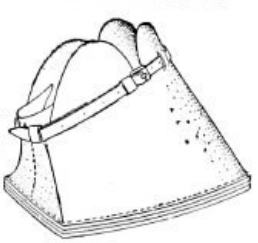
TROTTING BALLS.

No. 510—Rubber, rawhide strap, per single dozen straps, - - $3.30
No. 511—Bone, rawhide strap, per single dozen straps, - - - 7.30

SOAKING, POULTICE OR LAWN BOOTS.

No. 334.

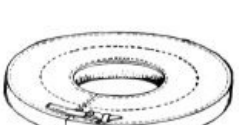
No. 333.



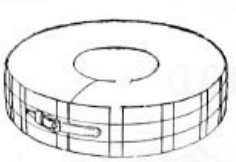
No. 332.

No. 334—Plain, soaking swab, made of all felt, - per pair $2.70
No. 333—Felt soaking with sponge, frog pad, - " 5.30
No. 332—Black leather poultice or lawn, - " 6.70

CALKING AND SHOE BOIL ROLLS.



No. 327.



No. 329.

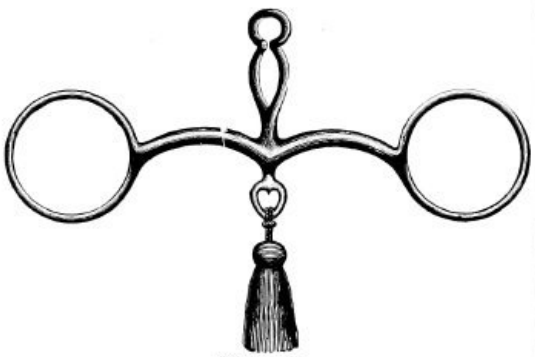
No. 327—Calking, patent leather, with soft inner roll, each $2.70
No. 329—Shoe boil, heavy webbing, - - - - " 1.30

SADDLERY HARDWARE.

LINE GUARDS.

Wabash.

No. 1—Imitation rubber, - per dozen $4.00
No. 01—Nickel, - - - " 6.00



Wabash.

No. 3—Imitation rubber, - per dozen $6.50
No. 03—Nickel, - - - " 8.50

When attached to the bridle throatlatch, the lines passing through the guard rings are prevented from catching under the ends of the shafts.

REIN HOLDERS.

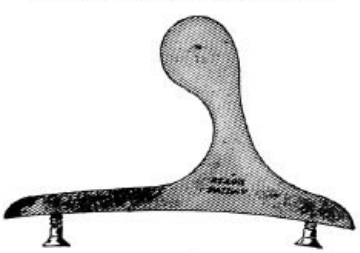
Read's.

No. 20—Imitation rubber, w't per doz. prs. 2 lbs., per dozen pairs, - - $3.00
No. 22—Nickel plated, w't per doz. prs. 2 lbs., per dozen pairs, - - - 3.00

When attached to neck strap, accidents due to reins catching under ends of shafts avoided. Simple twist of the rein, it's in place and stays there. Most successful device for the purpose made.

ONE DOZEN PAIRS IN A BOX.

REIN SUPPORTERS.



Read's.

No. 1—Imitation rubber, w't per doz. prs. 2½ lbs., - - per dozen pairs $3.00
No. 2—Nickel plated, w't per doz. prs. 2½ lbs., per dozen pairs, - - - - 3.00

Quickly attached to hip strap of any harness. Reins never under horse's tail or ends of hip straps. Prevents accidents, simple, practical, ornamental and inexpensive.

ONE DOZEN PAIRS IN A BOX

REIN FASTENERS.

Read's.

No. 30—Imitation rubber, w't per doz. 1½ lbs., per dozen, - $3.00

Easily and quickly adjusted to dash behind whip. Reins instantly secured while stepping from vehicle. No lines under horse's feet or accidents from this cause where used.

ONE DOZEN IN A BOX.

DASH REIN HOLDERS.

No. 25—Japanned, per dozen $2.00

Attached in an instant without screws or bolt; shaped to fit over rib of dash. The length of tongue permits the rein to be easily secured. ONE DOZEN IN A BOX.

OVERCHECK LOOPS.

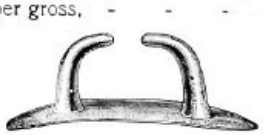
Smith's Roller.

No. 20—½ in., japanned, oroide roller, - per gross $3.20
No. 22—⅝ in., japanned, oroide roller, - per gross 3.20
No. 24—½ in., imitation rubber, oroide roller, per gross 4.20
No. 26—⅝ in., imitation rubber, oroide roller, per gross 4.20
No. 28—½ in., nickel, per gross, - - - 6.20
No. 30—⅝ in., nickel, per gross, - - - 6.20
No. 32—½ in., gilt, per gross 6.20

Nos. 40 to 46.

Smith's Improved Handy.

No. 40—½ in., japanned oval, per gross, - - - $3.60
No. 42—⅝ in., japanned oval, per gross, - - - 3.60
No. 44—½ in., nickel oval, per gross, - - - 4.80
No. 46—⅝ in., nickel oval, per gross, - - - 4.80

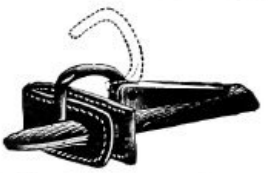


Klondike.

No. 36—½ in., imitation rubber, w't per gross 2 lbs., per gross, - - - $4.20

ONE GROSS IN A BOX

TRACE HOLDERS.

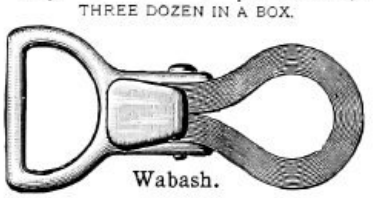


No. 10—FERNALD, japanned, per dozen pairs, - - - $2.00

CHECK HOLDERS.

No. 40—DANDY, ⅞ in., japanned loop, - - - per dozen $0.70

THREE DOZEN IN A BOX.



Wabash.

No. 45—⅞ in., japanned, per dozen $1.20
No. 46—⅞ in., nickel, - " 1.60

The best of heavy leather is used in this loop.

THREE DOZEN IN A BOX.

CHECK REIN SPRING.

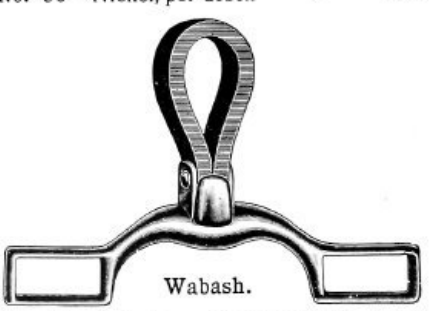
No. 50—Elgin Japanned, per dozen $3.70

Positively the most durable Check Spring on the market. Prevents breaking of check reins, hooks and cutting of horse's mouth.

CHECK BARS.

Dandy.

No. 55—Imitation rubber, per dozen - - - - $1.50
No. 56—Nickel, per dozen - 1.50



Wabash.

No. 60—Imitation rubber, per dozen $2.70
No. 61—Nickel,- - " 3.20

ONE DOZEN IN A BOX.

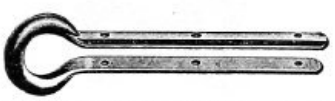
HAME CLIPS AND HOOKS

HAME STAPLES.

3/8 in. Iron, with Burs, for Wood Hames.
No. 11—Polished, w't per doz. 1½ lbs. per dozen..... $0.28
No. 13—Extra wide, polished, w't per doz. 2¼ lbs.....per dozen .36
TWO DOZEN IN A BOX.

HAME CLIPS.

Two Holes, for Wood Hames.
No. 6—3/8 in., polished, for stage hames, w't per doz. 1½ lbs.....per dozen $0.30
No. 5—5/16 in., japanned, for coach hames, w't per doz. 2¾ lbs.....per dozen .54
TWO DOZEN IN A BOX.



Three Holes, for Wood Stage Hames.
No. 16—3/8 in., polished, w't per doz. 3¼ lbs.....per dozen $0.54
No. 17—7/16 in., polished, w't per doz. 5¼ lbs.....per dozen .84
TWO DOZEN IN A BOX.

Buck Eye.
No. 20—Japanned for 1 rivet inside, w't per doz. 5 lbs.....per dozen $0.96

Two Holes, Inside, for 3½ lb. Iron Hames.
No. 30—Japanned.....per dozen $0.80
No. 32—XC plate..... " .80
No. 34—Nickel..... " 1.20
No. 36—Brass..... " 1.20
ONE DOZEN IN A BOX. W'T 2¼ LBS.

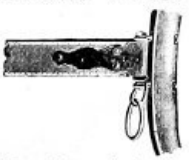
Two Holes, Inside, for 4 lb. Iron Hames.
No. 44—Nickel.....per dozen $1.40
No 46—Brass..... " 1.40
ONE DOZEN IN A BOX. W'T 4 LBS.

Two Holes, Outside, Close Plated Face, with Rivets, for 3½ lb. Iron Hames.
No. 134—Nickel.....per dozen $3.20
No. 136—Brass..... " 3.20
ONE DOZEN IN A BOX. W'T 3 LBS.

Two Holes, Outside, Close Plated Face, with Rivets, for 4 lb. Iron Hames.
No. 144—Nickel.....per dozen $4.00
No. 146—Brass..... " 4.00
ONE DOZEN IN A BOX. W'T 4¼ LBS.

HAME CLIPS.

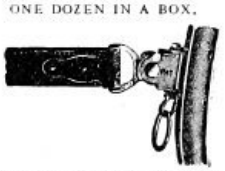
Three Holes, for 8 lb. Iron Coach Hames.
No. 244—Nickel, inside, *without rivets*, per pair..... $0.70
No. 246—Brass, inside, *without rivets*, per pair..... .70
No. 344—Nickel, close plated face, outside, *with rivets*.....per pair 1.50
No. 346—Brass, close plated face, outside, *with rivets*.....per pair 1.50
SIX PAIRS IN A BOX. W'T PER PAIR 1 LB.



Cooper's Straight Concord Japanned, for Bolt Hames.

Nos	514	516	520	522
Size	1½	1¾	2	2¼ in.
W't per doz	3¼	4	4¼	5 lbs.
Per dozen	$0.90	1.10	1.30	1.60

ONE DOZEN IN A BOX.

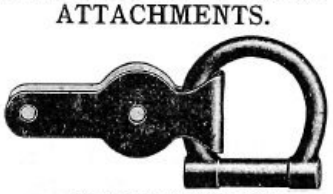


Cooper's Jointed Concord Japanned, for Bolt Hames.

Nos	614	616	620	622	624
Size	1½	1¾	2	2¼	2½ in.
W't per doz	9½	10	10½	11	12 lbs.
Per dozen	$1.90	2.20	2.40	2.60	3.20

HALF DOZEN IN A BOX.

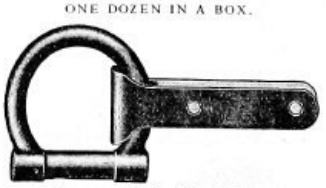
FLEXIBLE BOLT HAME ATTACHMENTS.



Japanned, Outside Clips.

Nos	720	722
For bolt	2	2¼ in.
W't per doz	5½	5¾ lbs.
Per dozen	$1.60	1.60

ONE DOZEN IN A BOX.



Japanned, Inside Clips.

Nos	820	822
For bolt	2	2¼ in.
W't per doz	5¼	5½ lbs.
Per dozen	$1.60	1.60

ONE DOZEN IN A BOX.

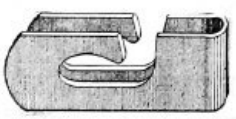
WEAR CLIPS.

This little device is so shaped as to fit closely in the worn places and with arms bent around the iron is held firmly in position.

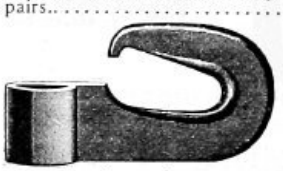
No. 15—PHILPOTT'S, malleable iron, w't per gro. 3 lbs.....per gross $2.30
HALF GROSS IN A BOX.

HAME HOOKS.

Single.
No. 55—4×1½ in., wrought iron, polished, w't per doz. p'rs 5½ lbs., per dozen pairs..... $1.20



Double.
No. 155—4×1½ in., wrought iron, polished, w't per doz. p'rs 8½ lbs., per dozen pairs..... $1.50



Concord.
No. 255—4×4¼ in., single, drop forged steel, w't per doz. p'rs 12 lbs., per dozen pair..... $2.50
This hook has a double wearing surface and will outwear any other hook on the market.

Lone Star.
No. 355—Japanned, w't per doz. p'rs 5¾ lbs.....per dozen pairs $1.90
For use on the "Lone Star" adjustable draft hames. Answers for both chain and clip traces.
ONE DOZEN PAIRS IN A BOX.

PACK SADDLE HOOKS.

No. 394—2½ in., malleable iron, japanned, w't per doz. 4 lbs....per dozen $1.00
TWO DOZEN IN A BOX.

TUG HOOKS.

Two Holes.
No. 402—Malleable iron, japanned, w't per doz. 3 lbs.....per dozen $0.60
TWO DOZEN IN A BOX.

Three Holes.
No. 403—Malleable iron, japanned, w't per doz. 4¼ lbs.....per dozen $1.12
TWO DOZEN IN A BOX.

HOOKS, TOGGLES AND COCK-EYES.

MINER'S HOOKS.

Malleable Iron, Japanned, Screw and Roller.

Nos	506	508	512	514
Size	1¾	2	2¼	2½ in.
W't per doz.	6	8	8¼	8½ lbs.
Per dozen	$1.90	2.00	2.12	2.30

ONE DOZEN IN A BOX.

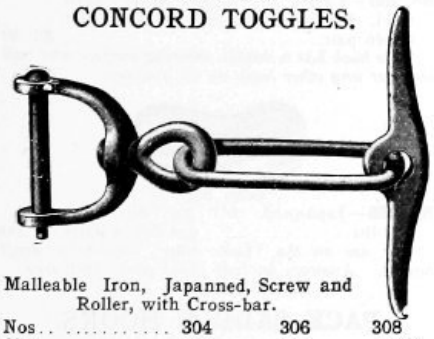
PINERY HOOKS AND DEES.

Malleable Iron, Japanned, Screw and Roller.

Nos	604	606	608	612	614
Size	1½	1¾	2	2¼	2½ in.
W't per doz	7	7½	9	9¼	10 lbs.
Per dozen	$2.00	2.30	2.50	2.80	3.00

ONE DOZEN IN A BOX.

CONCORD TOGGLES.



Malleable Iron, Japanned, Screw and Roller, with Cross-bar.

Nos	304	306	308
Size	1¼	1¾	2 in.
W't per doz.	9¼	9½	9½ lbs.
Per dozen	$1.90	2.00	2.20

Nos	312	314	316	318
Size	2¼	2½	2¾	3 in.
W't per doz.	10	11	13	16 lbs.
Per dozen	$2.40	2.60	2.80	3.00

ONE DOZEN IN A BOX.

Malleable Iron, Japanned, Rivet and Roller.

Nos	354	356	358
Size	1½	1¾	2 in.
Links	4	4	4
W't per doz.	13	13¼	13¼ lbs.
Per dozen	$2.60	2.70	2.80

Nos	362	364	366	368
Size	2¼	2½	2¾	3 in.
Links	4	4	4	4
W't per doz.	13½	14½	16	18 lbs.
Per dozen	$3.00	3.20	3.40	3.60

ONE DOZEN IN A BOX.

COCK-EYE TOGGLES.

Japanned, Screw and Roller.

Nos	254	256	258	262	264
Size	1½	1¾	2	2¼	2½ in.
W't per doz	4	4½	5½	7	8 lbs.
Per dozen	$1.30	1.36	1.40	1.60	1.80

ONE DOZEN IN A BOX.

UTILITY COCK-EYES.

Malleable Iron, Japanned, Screw and Roller.

Nos	102	104	106
Size	1¼	1½	1¾ in.
W't per doz.	2¼	2¾	3 lbs.
Per dozen	$0.80	.90	1.00

Nos	108	112	114
Size	2	2¼	2½ in.
W't per doz.	3½	4	5¼ lbs.
Per dozen	$1.20	1.46	1.68

TWO DOZEN IN A BOX.

DETACHABLE COCK-EYES.

Hardy's.

No. 10—Malleable iron, japanned, w't per doz. 1¾ lbs. ..... per dozen $1.05

A handy device for use on a trace with dart, or cockeye holes.

TWO DOZEN IN A BOX.

SHANK COCK-EYES.

To Rivet.

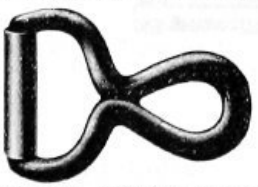
Malleable Iron, Japanned.

No. 4—1¼ in., w't per doz. 1½ lbs., per dozen $0.70

No. 6—1½ in., w't per doz. 2 lbs., per dozen ..... .70

THREE DOZEN IN A BOX.

TRIANGULAR COCK-EYES.



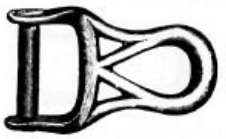
Malleable Iron, Japanned, With Roller.

Nos	12	14	16	18
Size	1¼	1½	1¾	2 in.
W't per doz.	2	2¼	2¾	3 lbs.
Per dozen	$0.40	.48	.56	.72

Nos	22	24	26	28
Size	2¼	2½	2¾	3 in.
W't per doz.	3½	4	5¼	6½ lbs.
Per dozen	$0.90	1.04	1.20	1.36

TWO DOZEN IN A BOX.

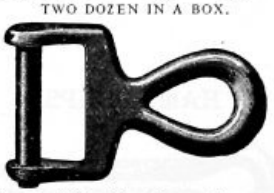
SCREW COCK-EYES.



Malleable Iron, Japanned, with Roller.

Nos	52	54	56	58
Size	1¼	1½	1¾	2 in.
W't per doz.	2	2½	2¾	3 lbs.
Per dozen	$0.48	.56	.68	.88

TWO DOZEN IN A BOX.



Extra Heavy Malleable Iron, Japanned with Roller.

Nos	62	64	66	68
Size	2¼	2½	2¾	3 in.
W't per doz.	3¾	4½	7½	7¾ lbs.
Per dozen	$1.02	1.16	1.40	1.68

TWO DOZEN IN A BOX.

SCREW COCK-EYES FOR CLIPS.

Malleable Iron, Japanned.

No. 74—For 1½ in. trace, w't per doz. 2 lbs. ..... per dozen $0.48

TWO DOZEN IN A BOX.

CLIPS FOR CLIP COCK-EYES.

Malleable Iron, Japanned.

Nos	92	94	96
For trace	1¼	1½	1¾ in.
W't per doz.	2	2	3 lbs.
Per dozen	$0.48	.48	.60

TWO DOZEN IN A BOX.

CLIP COCK-EYES.

Malleable Iron, Japanned.

Nos	82	84	86
For trace	1¼	1½	1¾ in.
W't per doz.	4	4	6 lbs.
Per dozen	$0.76	.76	.90

ONE DOZEN IN A BOX.

TRACE DEES OR CONCORD CLEVICES.

Japanned, Bolt and Roller.

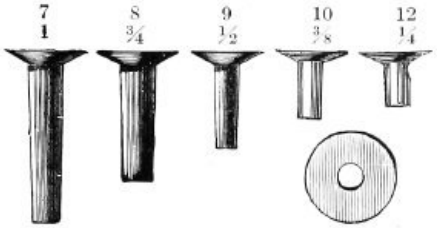
Nos	224	226	228	232
Size	1½	1¾	2	2¼ in.
W't per doz.	3½	4	4½	6 lbs.
Per dozen	$1.20	1.40	1.50	1.70

ONE DOZEN IN A BOX.

RIVETS AND BURS.

BELT RIVETS AND BURS.

Full Size Cuts.



Solid Copper, One Size in a Box.

	1 lb.	½ lb.
No. 7—Sizes, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼ and 1½ in.....per pound	$0.49	.52
No. 8—Sizes, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼ and 1½ in.....per pound	.50	.53
No. 9—Sizes, ¼, ⅜, ½, ⅝, ¾, ⅞, 1 and 1¼ in.....per pound	.52	.55
No. 10—Sizes, ¼, ⅜, ½, ⅝, ¾, ⅞ and 1 in.....per pound	.54	.57
No. 12—Sizes, ¼, ⅜, ½, ⅝, ¾, ⅞, and 1 in.....per pound	.58	.61

ONE HUNDRED POUNDS IN A CASE.

Solid Copper, Assorted Sizes in a Box.

	1 lb.	½ lb.
No. 7—Sizes ⅜ to ¾ in., per pound	$0.52	.55
No. 8—Sizes ⅜ to ¾ in. "	.53	.56
No. 9—Sizes ⅜ to ¾ in. "	.55	.58
No. 10—Sizes ⅜ to ¾ in. "	.57	.60
No. 12—Sizes ⅜ to ¾ in. "	.61	.64

ONE HUNDRED POUNDS IN A CASE.

Solid Copper, Assorted Sizes in Cartons.

No. 80—Size 8, ¼ lb. boxes, assorted ⅜ to ¾ in., 12 boxes in a carton, per carton..... $1.74

No. 90—Size 9, ¼ lb. boxes, assorted ⅜ to ¾ in., 12 boxes in a carton, per carton..... 1.80

WE DO NOT BREAK CARTONS.

BELT OR HARNESS.

Coppered Iron, Assorted Lengths in a Box.

No. 08—Size 8, ½ lb. boxes, assorted ⅜ to ¾ in.....per dozen $1.45

No. 084—Size 8, ¼ lb. boxes, assorted ⅜ to ¾ in.....per dozen .82

No. 09—Size 9, ½ lb. boxes, assorted ⅜ to ¾ in.....per dozen 1.50

No. 094—Size 9, ¼ lb. boxes, assorted ⅜ to ¾ in.....per dozen .85

COPPER BURS ONLY.

No. 7.

Solid Copper, One Size in a Box.

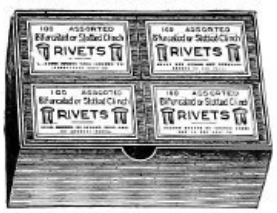
Nos	7	8	9	10	12
Inside diam.	6/32	5/32	4/32	3/32	2/32 in.
In 1 lb. boxes, per lb.	$0.49	.50	.52	.54	.58

SLOTTED OR BIFURCATED CLINCH RIVETS.

Coppered Annealed Steel, Assorted Sizes in Cartons.

No. 5—Oval head, assorted 4/16 to 8/16 in., 100 in a paper box, 12 boxes in a carton, w't 2¾ lbs.....per carton $0.48

WE DO NOT BREAK CARTONS.



Coppered Annealed Steel, Assorted Sizes in Cartons.

No. 3—Oval head, assorted 4/16 to 8/16 in., 100 in a tin box, 12 boxes in a carton, w't 27/8 lbs.....per carton $0.60

WE DO NOT BREAK CARTONS.

Coppered Annealed Steel, 1000 of a Size in a Box.

Nos	603	604	605	606
Length	3/16	4/16	5/16	6/16 in.
Per thousand	$1.20	1.20	1.20	1.36
Nos	607	608	609	
Length	7/16	8/16	9/16 in.	
Per thousand	$1.36	1.36	1.52	
Nos	610	611	612	
Length	10/16	11/16	12/16 in.	
Per thousand	$1.52	1.68	1.68	

WE DO NOT BREAK BOXES.

TUBULAR.

Assorted in Cartons.

No. 1—Japanned, assorted 3/16 to ½ in., 50 in a box, 12 boxes in a carton, w't 1 lb.....per carton $0.60

No. 2—Coppered, assorted 3/16 to ½ in., 50 in a box, 12 boxes in a carton, w't 1 lb.....per carton .60

No. 11—Japanned, assorted 3/16 to ½ in., 100 in a box, 12 boxes in a carton, w't 2 lbs.....per carton 1.06

No. 13—Coppered, assorted 3/16 to ½ in., 100 in a box, 12 boxes in a carton, w't 2 lbs.....per carton 1.06

WE DO NOT BREAK CARTONS.

TUBULAR RIVETS.

Japanned, 50 of a Size in a Box. (Factory No. 1.)

Nos	103	104	105	106
Length	3/16	4/16	5/16	6/16 in.
Per carton	$1.10	1.10	1.10	1.20
Nos	107	108	109	
Length	7/16	8/16	9/16 in.	
Per carton	$1.30	1.40	1.50	
Nos	110	111	112	
Length	10/16	11/16	12/16 in.	
Per carton	$1.60	1.70	1.80	

ONE DOZEN BOXES IN A CARTON.

WE DO NOT BREAK CARTONS.

Japanned, 1000 of a Size in a Box. (Factory No. 1.)

Nos	203	204	205
Length	3/16	4/16	5/16 in.
Per thousand	$1.50	1.50	1.50
Nos	206	207	208
Length	6/16	7/16	8/16 in.
Per thousand	$1.60	1.80	2.00
Nos	209	210	211
Length	9/16	10/16	11/16 in.
Per thousand	$2.10	2.30	2.50
Nos	212	213	
Length	12/16	13/16 in.	
Per thousand	$2.60	2.80	

WE DO NOT BREAK BOXES.

Coppered, 1000 of a Size in a Box. (Factory No. 1.)

Nos	303	304	305
Length	3/16	4/16	5/16 in.
Per thousand	$1.50	1.50	1.50
Nos	306	307	308
Length	6/16	7/16	8/16 in.
Per thousand	$1.60	1.80	2.00
Nos	309	310	311
Length	9/16	10/16	11/16 in.
Per thousand	$2.10	2.30	2.50
Nos	312	313	
Length	12/16	13/16 in.	
Per thousand	$2.60	2.80	

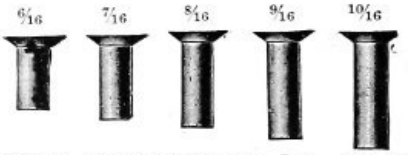
WE DO NOT BREAK BOXES.

1000 Assorted Sizes in a Box. (Factory No. 1.)

No. 325—Japanned, assorted 3/16 to 8/16 in., per thousand..... $1.70

No. 330—Coppered, assorted 3/16 to 8/16 in., per thousand..... 1.70

WE DO NOT BREAK BOXES.



Japanned, 1000 of a Size in a Box. (Factory No. 3.)

Nos	404	405	406	407
Length	4/16	5/16	6/16	7/16 in.
Per thousand	$2.80	2.90	3.10	3.20
Nos	408	409	410	
Length	8/16	9/16	10/16 in.	
Per thousand	$3.40	3.60	3.70	

WE DO NOT BREAK BOXES.

Coppered, 1000 of a Size in a Box. (Factory No. 3.)

Nos	504	505	506	507
Length	4/16	5/16	6/16	7/16 in.
Per thousand	$2.80	2.90	3.10	3.20
Nos	508	509	510	
Length	8/16	9/16	10/16 in.	
Per thousand	$3.40	3.60	3.70	

WE DO NOT BREAK BOXES.

1000 Assorted Sizes in a Box. (Factory No. 3.)

No. 425—Japanned, assorted 3/16 to 8/16 in., per thousand..... $3.20

No. 430—Coppered, assorted 3/16 to 8/16 in., per thousand..... 3.20

WE DO NOT BREAK BOXES.

HAME RIVETS, LINING NAILS, RIVETING MACHINES, ETC.

HAME RIVETS.

Soft Iron. Capped.

No. 7—$\frac{3}{4}$, $\frac{7}{8}$, 1 and $1\frac{1}{4}$ in., soft iron, per pound..... $0.14

ONE POUND IN A BOX.

Capped.

Diameter of H'd	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$ in.
Length of shank	1	$1\frac{1}{16}$	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
No. 15—Nickel, per gross....	$1.40	2.16	3.85	4.10
No. 17—Brass, per gross....	1.40	2.16	3.85	4.10

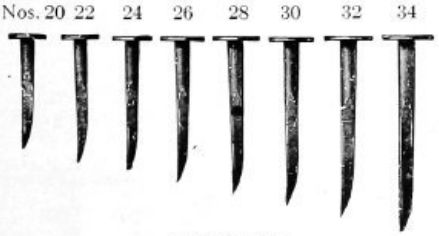
ONE GROSS IN A BOX.

HAME RIVET WASHERS.

No. 971—Polished steel, for $\frac{3}{16}$ in. rivets.....per pound $0.70

HOBART'S SWEDES IRON SADDLERS' TACKS.

Nos. 20 22 24 26 28 30 32 34



Half Weight.

Nos	12	$12\frac{1}{2}$	13	14
Ounces	2	$2\frac{1}{2}$	3	4
Length	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$ in.
Per doz. papers	$0.60	.64	.70	.80
Nos	**16**	**18**	**20**	**22**
Ounces	6	8	10	12
Length	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$ in.
Per doz. papers	$1.00	1.20	1.40	1.60
Nos		**24**	**26**	**28**
Ounces		14	16	18
Length		$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$ in.
Per dozen papers		$1.80	2.00	2.20
Nos		**30**	**32**	**34**
Ounces		20	22	24
Length		$\frac{15}{16}$	1	$1\frac{1}{8}$ in.
Per dozen papers		$2.40	2.70	2.90

NOS. 12 TO 22, ONE DOZEN; BALANCE, HALF DOZEN PAPERS IN A BOX.

HOBART'S SWEDES IRON LACE TACKS.

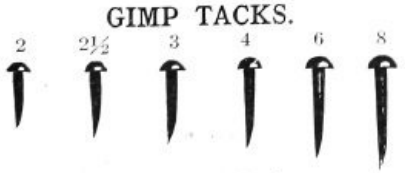
Half Weight, Blued.

Nos	$52\frac{1}{2}$	53	54
Ounces	$2\frac{1}{2}$	3	4
Length	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$ in.
Per dozen papers	$0.84	.90	.96
Nos		**56**	**58**
Ounces		6	8
Length		$\frac{9}{16}$	$\frac{5}{8}$ in.
Per dozen papers		$1.20	1.40

ONE DOZEN PAPERS IN A BOX.

GIMP TACKS.

2 $2\frac{1}{2}$ 3 4 6 8



Half Weight, Blued.

No. 46—Oz.	2	$2\frac{1}{2}$	3	4
Per dozen	$2.20	2.40	2.55	2.85
No. 46—Ounces	**6**	**8**	**10**	
Per dozen	$3.45	4.10	4.75	

ONE DOZEN PAPERS IN A PACKAGE.

OVAL HEAD LINING NAILS.

Nos.	104	106	108	110	112	114	116
	204	206	208	210	212	214	216

Japanned Heads.

Nos	104	106	108	110
Ounces	4	6	8	10
Length	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$ in.
Per package	$1.40	1.40	1.40	1.40
Nos	**112**	**114**	**116**	
Ounces	12	14	16	
Length	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$ in.	
Per package	$1.40	1.60	1.60	

20 PAPERS IN A PACKAGE.

Silvered Heads.

Nos	204	206	208	210
Ounces	4	6	8	10
Length	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$ in.
Per package	$1.70	1.70	1.70	1.70
Nos	**212**	**214**	**216**	
Ounces	12	14	16	
Length	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$ in.	
Per package	$1.70	1.90	1.90	

20 PAPERS IN A PACKAGE.

OVAL HEAD BOSS NAILS.

$\frac{7}{16}$ in. $\frac{1}{2}$ in. $\frac{9}{16}$ in. $\frac{5}{8}$ in.

Japanned, $1\frac{1}{8}$ Inch Shank.

Nos	3	4	5	6
Size head	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$ in.
Per package	$1.50	1.50	1.60	1.80

10 PAPERS IN A PACKAGE.

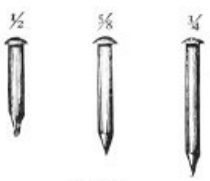
Silvered Heads, $1\frac{1}{8}$ Inch Shank.

Nos	13	14	15	16
Size head	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$ in.
Per package	$1.80	1.80	1.90	2.20

10 PAPERS IN A PACKAGE.

ESCUTCHEON PINS.

$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$



Brass.

Length	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$ in.
Wire gauge	16	18	16	18
Per pound	$0.82	.96	.80	.94
Length	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$ in.
Wire gauge	12	14	16	18
Per pound	$0.73	.75	.78	.92
Length	$\frac{7}{8}$	$\frac{7}{8}$	1	1 in.
Wire gauge	14	16	12	14
Per pound	$0.74	.76	.71	.73

ONE POUND IN A BOX.

RIVETING MACHINES.

Little Giant.

No. 90—Japanned, lever clinching, 3 in. throat, w't per doz. 42 lbs., per doz. $5.60

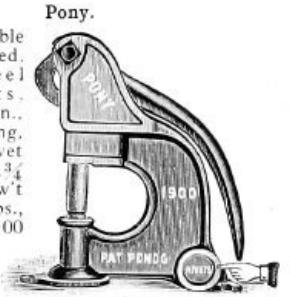
No. 90.

Monarch.

No. 2—Malleable iron, japanned, easily adjusted for various length rivets, $1\frac{3}{4}$ in. throat, w't per doz. 28 lbs., per doz. $7.50

No. 2.

Pony.



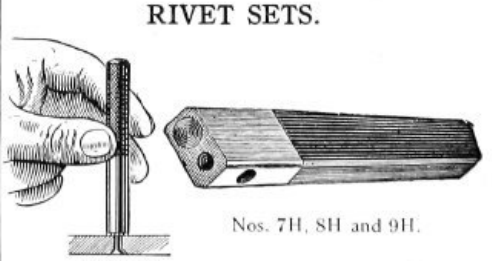
No. 4—Malleable iron, japanned, polished steel working parts, height $6\frac{1}{2}$ in., lever clinching, brass screw rivet box in stock, $1\frac{3}{4}$ in. throat, w't per doz. 36 lbs., per dozen $15.00

No. 4.

Best Yet.

No. 20—Malleable iron, japanned, polished steel working parts, height $6\frac{1}{2}$ in., lever clinching, with anvil top and horn, brass screw rivet box in stock and steel saddlers' punch, $2\frac{1}{2}$ in. throat, w't per doz. 45 lbs..per dozen $16.50

RIVET SETS.



Nos. 7H, 8H and 9H.

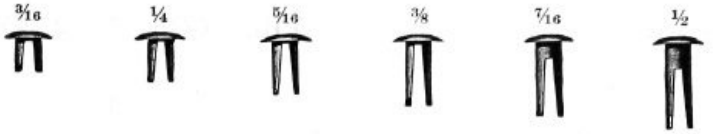
No. 990.

No. 990—Simplex, for tubular rivets, per dozen..... $1.80

Farmers' Cast Steel.

Nos	7H	8H	9H
W't per doz	5	6	$6\frac{1}{2}$ lbs.
Per dozen	$2.00	2.00	2.00

SLOTTED CLINCH RIVETS.



Full Size Cuts.

For Riveting Leather, Rubber, Canvas, Wood, Etc.

No. 5—Coppered, Norway iron wire, oval head, slotted, assorted 3/16 to 1/2 in., 100 in a *paper box*, 12 boxes in a carton, weight 2 3/8 lbs., per carton, - - -

BRIDLE BITS.

TWISTED WIRE RING.

No. 50—XC plate, 2¼ in. ring, single wire mouth, w't per doz. 4½ lbs., - - - - - - per dozen $1.50

HALF DOZEN IN A BOX.

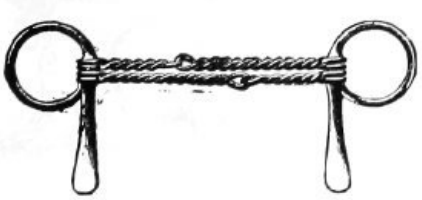
No. 54—XC plate, 2½ in. ring, double wire mouth, w't per doz. 5¼ lbs., - - - - - - per dozen $2.10

HALF DOZEN IN A BOX.

HALF CHEEK TWISTED WIRE SNAFFLE.

No. 56—XC plate, half cheek, single wire mouth, w't per doz. 4½ lbs., - - - - - - per dozen $1.80

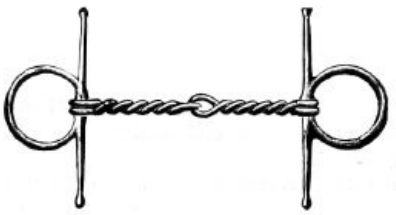
HALF DOZEN IN A BOX.



No. 58—XC plate, half cheek, double wire mouth, w't per doz. 6 lbs., - - - - - - per dozen $2.30

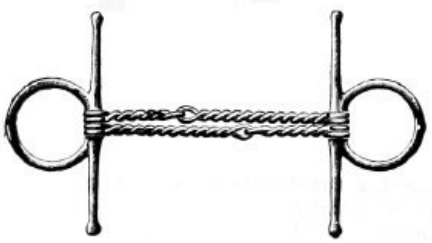
HALF DOZEN IN A BOX.

FULL CHEEK TWISTED WIRE SNAFFLE.



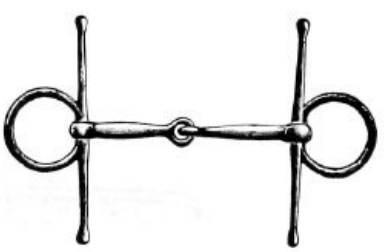
No. 60—XC plate, full cheek, single wire mouth, w't per doz. 5 lbs., - - - - - - per dozen $0.90

HALF DOZEN IN A BOX.



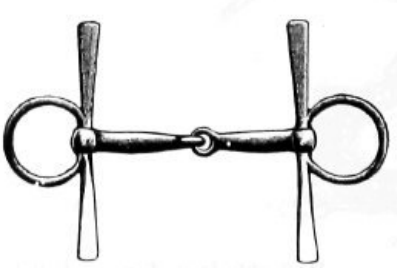
No. 62—XC plate, full cheek, double wire mouth, w't per doz. 6¼ lbs., - - - - - - per dozen $2.40

PLAIN FULL CHEEK SNAFFLE.



No. 66—XC plate, full cheek, jointed mouth, w't per doz. 5¾ lbs., - - - - - - per dozen $1.70

HALF DOZEN IN A BOX.



No. 68—XC plate, full cheek, jointed mouth, w't per doz. 7½ lbs., - - - - - - per dozen $2.50

HALF DOZEN IN A BOX.

BITS.

MALLEABLE RING.

Nos. 1 and 4.

No. 1—XC plate, 2 in. ring, jointed mouth, light, w't per doz. 3 lbs., - - - - - - - - per dozen $0.70

No. 4—XC plate, 2 in. ring, jointed mouth, w't per doz. 5 lbs., per dozen, - - - - - - - - - .96

No. 6—XC plate, 2 in. ring, stiff mouth, w't per doz. 5 lbs., per dozen, - - - - - - - - - .96

ONE DOZEN IN A BOX.

No. 10—XC plate, 2 in. ring, twisted jointed mouth, w't per doz. 5 lbs., - - - - - - - per dozen $1.00

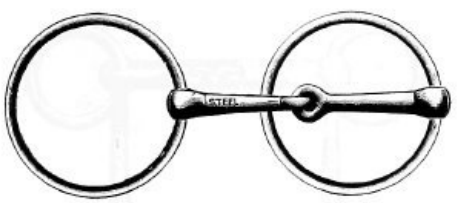
ONE DOZEN IN A BOX.

No. 12—XC plate, 3 in. ring, stiff mouth, w't per doz. 11 lbs., per dozen, - - - - - - - - - $2.50

No. 14—XC plate, 3 in. ring, 6 in. stiff mouth, w't per doz. 12 lbs., - - - - - - - per dozen 3.10

HALF DOZEN IN A BOX.

FIRE DEPARTMENT.



No. 40—Nickel forged steel, 4 in. ring, 6¼ in. jointed mouth, w't per doz. 14½ lbs., - - - - - per dozen $25.60

HALF DOZEN IN A BOX.

WROUGHT RING.

Nos. 20 and 22.

No. 20—XC plate, 2¾ in. ring, jointed mouth, - per dozen $1.10

No. 21—XC plate, 2¾ in. ring, stiff mouth, - " 1.10

No. 22—Japanned, 2¾ in. ring, jointed mouth, - " 1.10

No. 23—Japanned, 2¾ in. ring, stiff mouth, - " 1.10

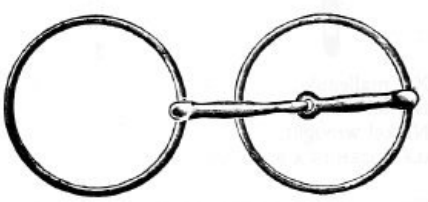
HALF DOZEN IN A BOX. WEIGHT 7 LBS. PER DOZEN.

No. 27—XC plate, 2¾ in. ring, twisted jointed mouth, per dozen, - - - - - - - - - $1.50

No. 28—XC plate, 2¾ in. ring, twisted stiff mouth, per dozen, - - - - - - - - - 1.50

HALF DOZEN IN A BOX. WEIGHT 7 LBS. PER DOZEN.

RACE RING.



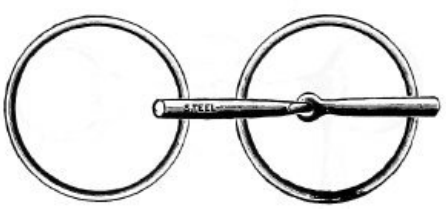
No. 30—XC plate, 3½ in. ring, jointed mouth, - per dozen $ 2.00

No. 32—Nickel, 3½ in. ring, jointed mouth, - " 3.20

No. 34—Nickel wrought, 3½ in. ring, jointed mouth, " 12.50

No. 36—Nickel forged steel, 3½ in. ring, jointed mouth, per dozen, - - - - - - - - 18.50

HALF DOZEN IN A BOX. WEIGHT 6 LBS. PER DOZEN.



No. 38—Nickel forged steel, 3½ in. ring, jointed mouth, w't per doz. 6 lbs., - - - - - - per dozen $19.50

HALF DOZEN IN A BOX.

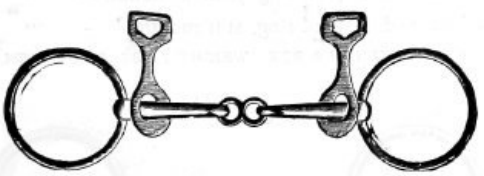
BRIDLE BITS.

WILSON FOUR RING.

No. 80—XC malleable, - - - - per dozen $ 2.30
No. 82—Nickel malleable, - - - - " 4.50
No. 84—Nickel wrought, - - - - " 10.50

HALF DOZEN IN A BOX. WEIGHT 6½ LBS. PER DOZEN.

ROCKWELL RING.



No. 90—XC malleable, - - - - per dozen $ 2.30
No. 92—Nickel malleable, - - - - " 5.00
No. 94—Nickel wrought, - - - - " 16.20

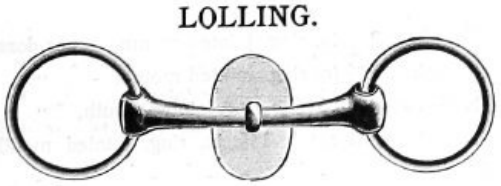
HALF DOZEN IN A BOX. WEIGHT 8 LBS. PER DOZEN.

ROCKWELL HALF CHEEK SNAFFLE.

No. 96—XC malleable, - - - - per dozen $ 4.00
No. 98—Nickel malleable, - - - - " 5.50
No. 100—Nickel wrought, - - - - " 24.00

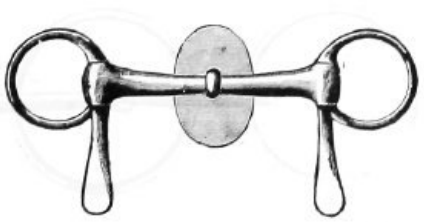
HALF DOZEN IN A BOX. WEIGHT 8½ LBS. PER DOZEN.

LOLLING.



No. 116—XC malleable rings, w't per doz. 12 lbs., per dozen $6.50

HALF DOZEN IN A BOX.



No. 118—XC malleable, half cheek, w't per doz. 12½ lbs., per dozen, - - - - - - - $7.00

HALF DOZEN IN A BOX.

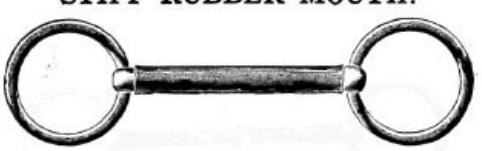
BITTING HARNESS SNAFFLE.

No. 112.

No. 110—XC malleable, plain jointed mouth, w't per doz. 10 lbs., - - - - - - - per dozen $5.00
No. 112—XC malleable, joint mouth, with mouthing attachment w't per doz. 12 lbs., - - - per dozen 7.50

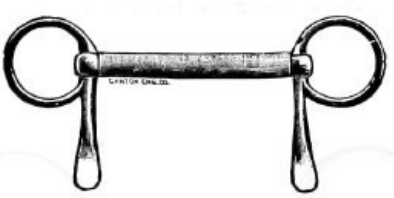
HALF DOZEN IN A BOX.

STIFF RUBBER MOUTH.



No. 120—XC malleable, loose rings, w't per doz. 7 lbs., per dozen, - - - - - - - - $2.80

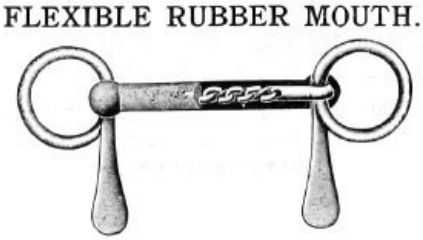
HALF DOZEN IN A BOX.



No. 122—XC malleable, half cheek snaffles, w't per doz. 7 lbs., - - - - - - - per dozen $3.70

HALF DOZEN IN A BOX.

FLEXIBLE RUBBER MOUTH.



No. 124—Nickel half cheek, chain core, covered with rubber, w't per doz. 6 lbs., - - - per dozen $5.60

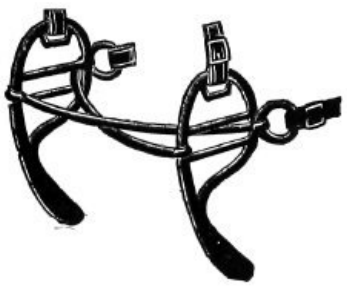
HALF DOZEN IN A BOX.

No. 126—Nickel half cheek, wrought chain core, covered with rubber, w't per doz. 5½ lbs., - - per dozen $6.50

HALF DOZEN IN A BOX.

BRIDLE BITS.

J. I. C. DRIVING.



No. 1050—Japanned safety, - - - per dozen $ 8.70
No. 1051—XC safety, - - - - " 8.70
No. 1052—Nickel safety, - - - - " 15.00

This bit is also to be used on a severe puller.

HALF DOZEN IN A BOX. WEIGHT 9½ LBS. PER DOZEN.

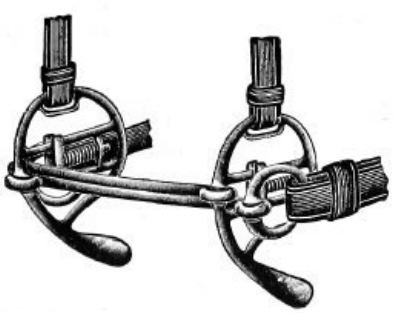
IMPERIAL.

No. 1060—Japanned, - - - - per dozen $ 9.00
No. 1061—XC plate, - - - - " 9.00
No. 1062—Nickel, - - - - - " 19.50

This bit combines all the features necessary to be used successfully on a tender mouth horse or a severe puller.

HALF DOZEN IN A BOX. WEIGHT 10½ LBS. PER DOZEN.

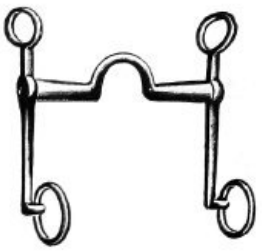
RACINE DRIVING.



No. 1070—Japanned safety, - - - per dozen $ 7.50
No. 1071—XC plate, safety, - - - " 7.50
No. 1072—Nickel safety, - - - - " 15.00

HALF DOZEN IN A BOX. WEIGHT 9½ LBS. PER DOZEN.

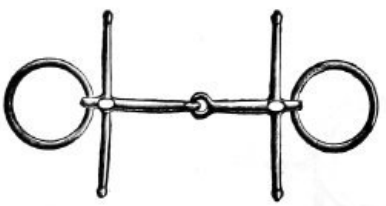
PONY PORT.



No. 1030—XC malleable, - - - - per dozen $2.70
No. 1036—Nickel malleable, - - - " 6.50

HALF DOZEN IN A BOX. WEIGHT 3 LBS. PER DOZEN.

PONY FULL CHEEK SNAFFLE.



No. 1040—XC malleable, - - - - per dozen $1.80
No. 1046—Nickel malleable, - - - " 3.20

HALF DOZEN IN A BOX. WEIGHT 3½ LBS. PER DOZEN.

OVERCHECK.

Nos. 1000, 1001, 1002 and 1004.

No. 1000—Japanned, stiff mouth, - - per dozen $0.56
No. 1001—XC plate, stiff mouth, - - " .56
No. 1002—Imitation rubber, all black, stiff mouth, " .60
No. 1003—Imitation rubber, all black, jointed mouth, " .90
No. 1004—Nickel, stiff mouth, - - - " .64
No. 1005—Nickel, jointed mouth, - - " .90

ONE DOZEN IN A BOX. WEIGHT 1 LB. PER DOZEN.

No. 1008—Imitation rubber, all black, - - per dozen $0.70
No. 1009—Nickel, - - - - - " .70

ONE DOZEN IN A BOX. WEIGHT 1 LB. PER DOZEN.

DOG OR GOAT.

No. 1021—XC plate, stiff mouth, w't per doz. 1 lb., per dozen $0.80

TWO DOZEN IN A BOX.

No. 1020—XC plate, jointed mouth, w't per doz. 1 lb., per dozen, - - - - - - $1.60

TWO DOZEN IN A BOX.

BRIDLE BITS.

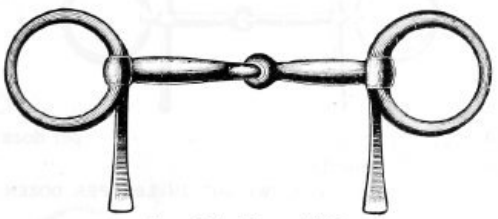
HALF CHEEK SNAFFLE.

Nos. 500 and 504.

"B" Finish, Spoon Cheeks, 1⅞ Inch Ring, $\frac{7}{16}$ Inch Mouthpiece.

No. 500—Japanned malleable, jointed mouth, - per dozen $1.40
No. 502—Japanned malleable, stiff mouth, - " 1.40
No. 504—XC malleable, jointed mouth, - - " 1.40
No. 506—XC malleable, stiff mouth, - - " 1.40

HALF DOZEN IN A BOX. WEIGHT 5 LBS. PER DOZEN.

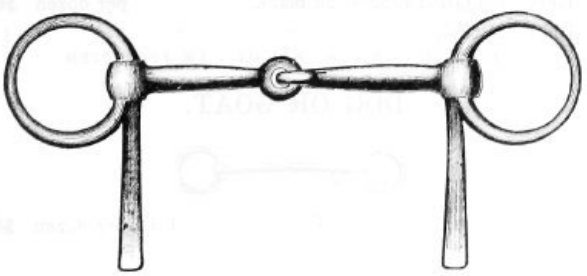


Nos. 524, 526 and 528.

"B" Finish, Dan Mace Cheeks, 1¾ Inch Ring, $\frac{7}{16}$ Inch Mouthpiece.

No. 524—Nickel malleable, jointed mouth, - per dozen $2.00
No. 525—Nickel malleable, stiff mouth, - - " 2.00
No. 526—Imitation rubber, all black, malleable, jointed mouth, - - - - - - - per dozen 2.00
No. 527—Imitation rubber, all black, malleable, stiff mouth, per dozen, - - - - - - - 2.00
No. 528—Imitation rubber, gilt tip, malleable, jointed mouth, per dozen, - - - - - - - 2.30
No. 529—Imitation rubber, gilt tip, malleable, stiff mouth, per dozen, - - - - - - - 2.30

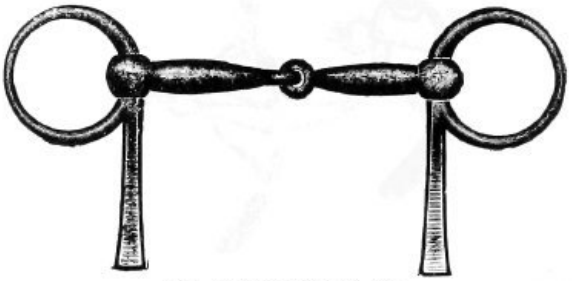
HALF DOZEN IN A BOX. WEIGHT 5 LBS. PER DOZEN.



"B" Finish, Dan Mace Cheeks, 2 Inch Ring, $\frac{7}{16}$ Inch Mouthpiece.

No. 544—Nickel malleable, jointed mouth, - per dozen $2.50
No. 545—Nickel malleable, stiff mouth, - - " 2.50

HALF DOZEN IN A BOX. WEIGHT 6½ LBS. PER DOZEN.

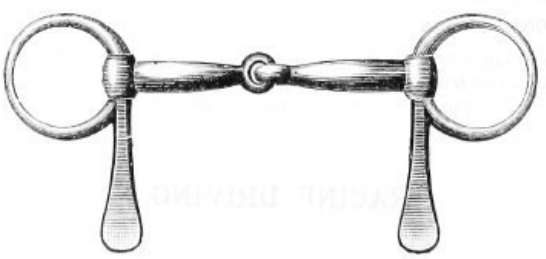


Nos. 510, 514, 534 and 536.

"B" Finish, Solid Cheek, 2 Inch Ring.

No. 510—Japanned malleable, $\frac{7}{16}$ in. jointed mouth, per dozen, - - - - - - - - - $1.80
No. 512—Japanned malleable, $\frac{7}{16}$ in. stiff mouth, per dozen, - - - - - - - - - 1.80
No. 514—XC malleable, $\frac{7}{16}$ in. jointed mouth, per dozen 1.80
No. 516—XC malleable, $\frac{7}{16}$ in. stiff mouth, - " 1.80
No. 534—Nickel malleable, $\frac{3}{8}$ in. jointed mouth, " 2.30
No. 535—Nickel malleable, $\frac{7}{16}$ in. stiff mouth, - " 2.30
No. 536—Imitation rubber, all black, $\frac{3}{8}$ in. jointed mouth, per dozen, - - - - - - - 2.30
No. 537—Imitation rubber, all black, $\frac{7}{16}$ in. stit mouth, per dozen, - - - - - - - 2.30

HALF DOZEN IN A BOX. WEIGHT 6 LBS. PER DOZEN.



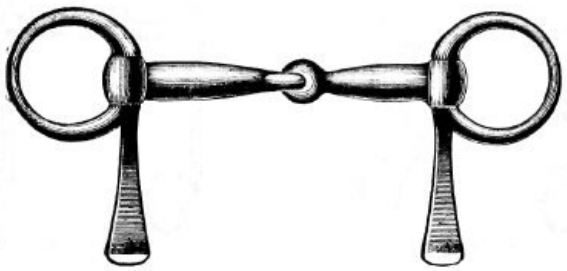
"B" Finish, Spoon Cheeks, 2 Inch Ring, $\frac{7}{16}$ Inch Mouthpiece.

No. 517—XC malleable, jointed mouth, w't per doz. 7 lbs., per dozen, - - - - - - - - $2.00
No. 518—XC malleable, stiff mouth, w't per doz. 7 lbs., per dozen, - - - - - - - - 2.00
No. 548—Brass electro malleable, jointed mouth, w't per doz. 6¾ lbs., - - - - - per dozen 2.70
No. 549—Brass electro malleable, stiff mouth, w't per doz. 6¾ lbs., - - - - - - per dozen 2.70

HALF DOZEN IN A BOX.

BRIDLE BITS.

HALF CHEEK SNAFFLE.

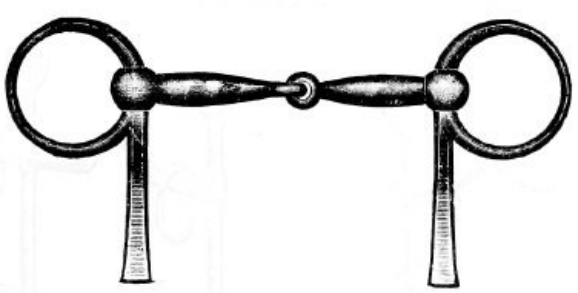


Nos. 552, 554, 556 and 558.

"B" Finish, Solid Swedge Cheeks, 2 Inch Ring, ⅝ Inch Mouthpiece.

No. 552—Nickel malleable, jointed mouth, - per dozen $3.40
No. 553—Nickel malleable, stiff mouth, - " 3.40
No. 554—Imitation rubber, all black, malleable, jointed mouth, - - - - - - per dozen 3.40
No. 555—Imitation rubber, all black, malleable, stiff mouth, per dozen, - - - - - - - - 3.40
No. 556—Imitation rubber, gilt tip, malleable, jointed mouth, per dozen, - - - - - - - - 3.60
No. 557—Imitation rubber, gilt tip, malleable, stiff mouth, per dozen, - - - - - - - - 3.60
No. 558—Brass electro malleable, jointed mouth, per dozen 3.40
No. 559—Brass electro malleable, stiff mouth, " 3.40

HALF DOZEN IN A BOX. WEIGHT 7½ LBS. PER DOZEN.

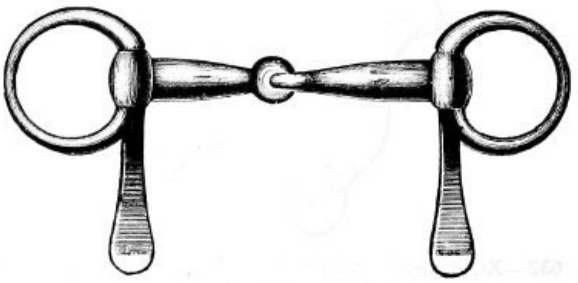


Nos. 566 and 564.

Standard Finish, Solid Cheeks, 2 Inch Ring, ½ Inch Mouthpiece.

No. 566—Imitation rubber, all black, jointed mouth, per dozen $3.50
No. 567—Imitation rubber, all black, stiff mouth, " 3.50
No. 564—Nickel malleable, jointed mouth, - " 4.00
No. 565—Nickel malleable, stiff mouth, - - " 4.00

HALF DOZEN IN A BOX. WEIGHT 7½ LBS. PER DOZEN.

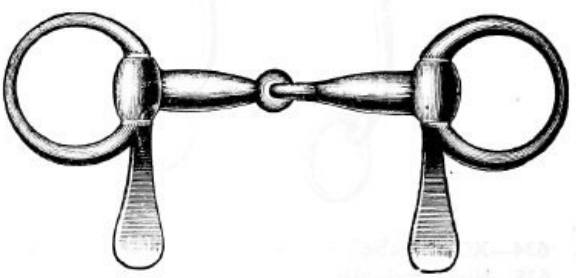


Nos. 519 and 574.

"B" Finish, Heavy Dexter, Spoon Cheeks, 2⅛ Inch Ring.

No. 519—XC malleable, 11/16 in. jointed mouth, - per dozen $3.10
No. 520—XC malleable, 9/16 in. stiff mouth, - " 3.10
No. 574—Nickel malleable, 11/16 in. jointed mouth, " 3.60
No. 575—Nickel malleable, 9/16 in. stiff mouth, " 3.60

HALF DOZEN IN A BOX. WEIGHT 8½ LBS. PER DOZEN.

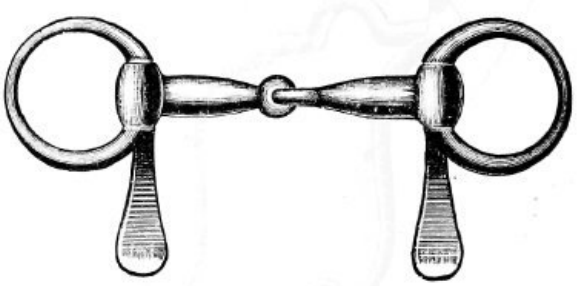


No. 584.

"B" Finish, Extra Heavy Dexter, Spoon Cheeks, 2⅛ Inch Ring.

No. 584—Nickel malleable, 11/16 in. jointed mouth, per dozen $5.00
No. 585—Nickel malleable, 9/16 in. stiff mouth, " 5.00

HALF DOZEN IN A BOX. WEIGHT 10 LBS. PER DOZEN.



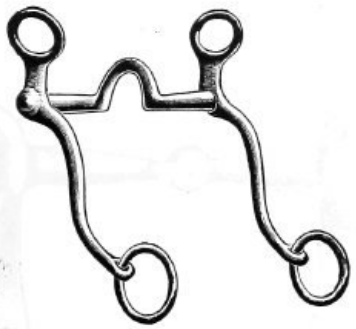
Standard Finish, Extra Heavy Dexter, Spoon Cheeks, 2⅛ Inch Ring.

No. 594—Nickel malleable, 11/16 in. jointed mouth, per dozen $9.50
No. 595—Nickel malleable, 9/16 in. stiff mouth, " 9.50

HALF DOZEN IN A BOX. WEIGHT 10 LBS. PER DOZEN.

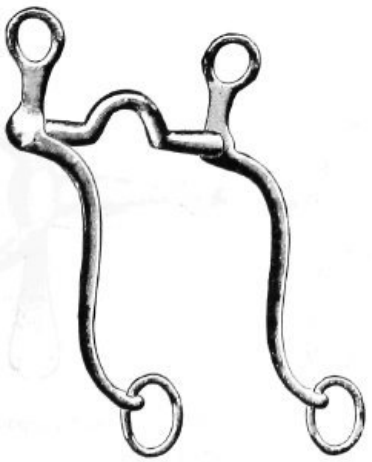
BRIDLE BITS.

PORT.



No. 632—XC malleable, w't per doz. 8 lbs., - per dozen $1.70
HALF DOZEN IN A BOX.

No. 634—XC malleable, - - - - per dozen $ 1.90
No. 635—Nickel malleable, - - - " 5.50
No. 734—Nickel wrought, - - - " 13.80
No. 2734—Nickel forged steel, - - - " 23.50
HALF DOZEN IN A BOX. WEIGHT 8½ LBS. PER DOZEN.



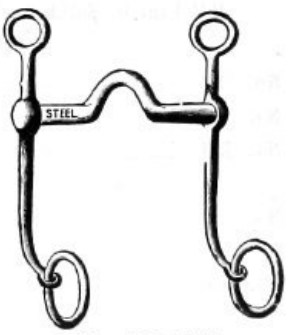
No. 636—XC malleable, - - - - per dozen $2.50
No. 637—Nickel malleable, - - - " 9.00
HALF DOZEN IN A BOX. WEIGHT 10½ LBS. PER DOZEN.

No. 662.

Nos. 642 and 643.

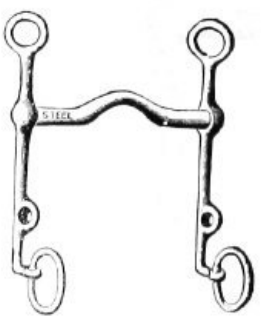
No. 662—XC malleable, w't per doz. 8 lbs., - per dozen $2.50
No. 642—XC malleable, w't per doz. 7 lbs., - " 1.90
No. 643—Nickel malleable, w't per doz. 7 lbs., " 5.00
HALF DOZEN IN A BOX.

Nos. 657 to 2757.

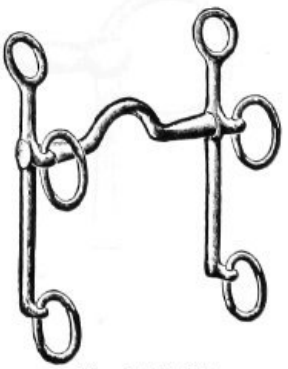


Nos. 682 to 2782.

No. 657—XC malleable, - - - - per dozen $ 2.90
No. 658—Nickel malleable, - - - " 6.10
No. 757—Nickel wrought, - - - " 17.00
No. 2757—Nickel forged steel, - - - " 29.00
No. 682—Nickel malleable, - - - " 6.00
No. 782—Nickel wrought, - - - " 17.00
No. 2782—Nickel forged steel, - - - " 29.00
HALF DOZEN IN A BOX. WEIGHT 6 LBS. PER DOZEN.



Nos. 681 to 2781.



Nos. 644 to 2744.

No. 681—Nickel malleable, w't per doz. 6½ lbs., per dozen $ 5.00
No. 781—Nickel wrought, w't per doz. 6½ lbs., " 17.00
No. 2781—Nickel forged steel, w't per doz. 6½ lbs., " 29.00
No. 644—XC malleable, w't per doz. 8 lbs., " 3.30
No. 645—Nickel malleable, w't per doz. 8 lbs., " 7.00
No. 744—Nickel wrought, w't per doz. 8 lbs., " 21.00
No. 2744—Nickel forged steel, w't per doz. 8 lbs., " 35.00
HALF DOZEN IN A BOX.

BRIDLE BITS.

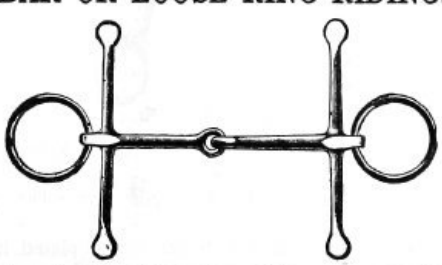
MILITARY.

No. 631—Blued malleable, - - - per dozen $ 4.50
No. 731—Blued wrought, - - - - " 32.50
HALF DOZEN IN A BOX. WEIGHT 8½ LBS. PER DOZEN.

No. 969—Fine blued wrought, - - - per dozen $40.00
No. 970—Close plate brass wrought, - - " 61.50
HALF DOZEN IN A BOX. WEIGHT 11 LBS. PER DOZEN.

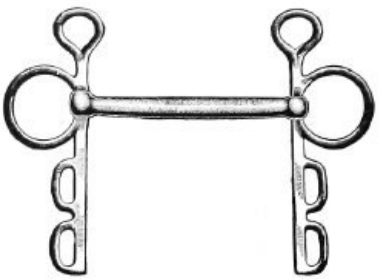
No. 974—Fine blued malleable, - - - per dozen $22.50
No. 975—Close plate brass malleable, - - " 48.00
No. 976—Close plate brass wrought, - - " 86.00
HALF DOZEN IN A BOX. WEIGHT 16 LBS. PER DOZEN.

BAR OR LOOSE RING RIDING.

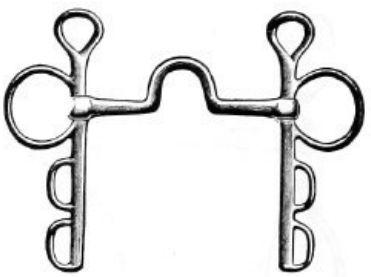


No. 70—XC malleable, w't per doz. 6 lbs., - per dozen $2.20
HALF DOZEN IN A BOX.

HANOVERIAN OR GIG.



No. 760—XC malleable, w't per doz. 8 lbs., - per dozen $3.50
HALF DOZEN IN A BOX.



No. 761—XC malleable, w't per doz. 8 lbs., - per dozen $3.50
HALF DOZEN IN A BOX.

MULE.

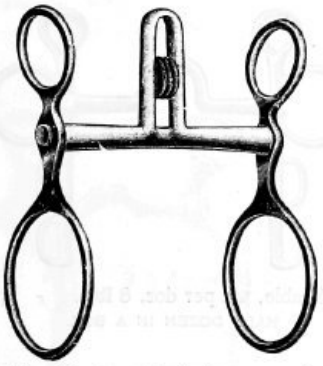
No. 156—Japanned malleable, medium, w't per doz. 8 lbs., per dozen, - - - - - - - $1.80
No. 158—Japanned malleable, large, w't per doz. 9 lbs., per dozen, - - - - - - - 2.20
HALF DOZEN IN A BOX.

No. 160—Japanned wrought, extra large, w't per doz. 13 lbs., per dozen, - - - - - - - $3.50
HALF DOZEN IN A BOX.

BRIDLE BITS.

COWBOY.

No. 1100—Malleable blued, w't per doz. 10 lbs., per dozen $2.20
HALF DOZEN IN A BOX.



No. 1106—Malleable blued, with high port roller, w't per doz. 11 lbs., - - - - - - per dozen $4.00
HALF DOZEN IN A BOX.

No. 1108—Blued, high port, w't per doz. 9 lbs., - per dozen $2.30
HALF DOZEN IN A BOX.

No. 1115.

No. 1110—Blued, low port, no roller, w't per doz. 8½ lbs., per dozen, - - - - - - - - - $ 2.30
No. 1112—Blued, low port, with roller, w't per doz. 9 lbs., per dozen, - - - - - - - - - 2.90
No. 1115—Nickeled and chased, low port and roller, w't per doz. 8½ lbs., - - - - - - - per dozen 11.50
HALF DOZEN IN A BOX.

No. 1120—Blued, low port, with roller, w't per doz. 9½ lbs., per dozen, - - - - - - - - - $2.50
HALF DOZEN IN A BOX.

No. 1124—Filed plain cheeks, w't per doz. 11 lbs., per dozen $4.70
HALF DOZEN IN A BOX.

No. 1134—Burnished and chased cheeks, - per dozen $15.00
No. 1138—Filed and chased cheeks, nickel plated. " 18.80
HALF DOZEN IN A BOX. WEIGHT 11 LBS. PER DOZEN.

No. 1126—Plain polished cheeks, high port and roller, per dozen, - - - - - - - - - - $ 8.80
No. 1128—Plain nickel cheeks, high port and roller, per dozen, - - - - - - - - - - 14.00
No. 1130—Burnished and chased cheeks, nickel plated, high port and roller, - - - - - - per dozen 15.60
HALF DOZEN IN A BOX. WEIGHT 10 LBS. PER DOZEN.

BRIDLE BITS.

COWBOY.

No. 1150.

No. 1152.

No. 1156.

No. 1150—Malleable blued, weight per dozen 13 lbs., - - - - - - - - - - - - per dozen $5.00
No. 1152—Malleable XC plate, weight per dozen 16 lbs., - - - - - - - - - - - - " 7.10
No. 1156—Malleable XC plate, weight per dozen 17 lbs., - - - - - - - - - - - - " 9.50

HALF DOZEN IN A BOX.

No. 1174.

No. 1158.

No. 1160.

No. 1164.

No. 1174—Malleable, fine filed, plain cheeks, weight per dozen 17 lbs., - - - - - - - - - - - per dozen $12.50
No. 1158—Burnished and chased cheeks, weight per dozen 16 lbs., - - - - - - - - - - - " 15.00
No. 1160—Malleable blued and chased, roller in port, weight per dozen 15 lbs., - - - - - - - - - " 21.30
No. 1164—Filed and chased cheeks, nickel roller in port, weight per dozen 16 lbs., - - - - - - - - " 23.00

HALF DOZEN IN A BOX.

SPURS.

No. 11.

No. 14

No. 12.

No. 11—Malleable, XC plate, weight per dozen 1 lb., - - - - - - - - - - per single dozen $0.80
No. 14—Malleable, XC plate, weight per dozen 1¼ lbs., - - - - - - - - - - " " .90
No. 12—Malleable, blued, weight per dozen 1¾ lbs., - - - - - - - - - - - " " 90

ONE DOZEN IN A BOX.

No. 16

No. 18.

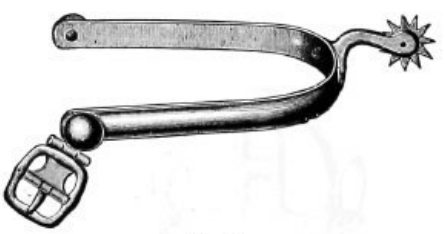
Nos. 20 and 22.

No. 16—Heavy steel, XC plate, weight per dozen 1 lb., - - - - - - - - - - per single dozen $1.10
No. 18—Heavy steel, XC plate, weight per dozen 1 lb., - - - - - - - - - - " " 1.10
No. 20—Extra heavy malleable, XC plate, weight per dozen 2½ lbs., - - - - - - - - - " " 1.70
No. 22—Blued, otherwise same as No. 20, - - - - - - - - - - - - " " 1.70

ONE DOZEN IN A BOX.

No. 40.

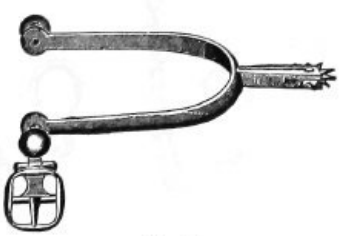
No. 43.



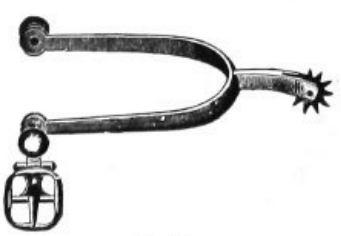
No. 42.

No. 40—Steel, nickel plated, weight per dozen 1 lb., - - - - - - - - - - - per single dozen $1.80
No. 43—Fine English, nickel plated, weight per dozen 1½ lbs., - - - - - - - - - - " " 7.00
No. 42—Steel, nickel plated, weight per dozen 1¾ lbs., - - - - - - - - - - - " " 1.60

NO. 42, TWO DOZEN; BALANCE, ONE DOZEN IN A BOX.



No. 46.



No. 44.

No. 48.

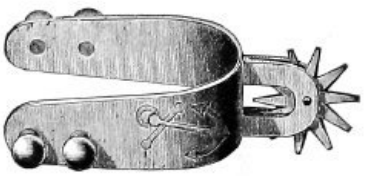
No. 46—Fine English, nickel plated, weight per dozen 1½ lbs., - - - - - - - - - - per single dozen $7.00
No. 44—Fine English, nickel plated, weight per dozen 1½ lbs., - - - - - - - - - - " " 7.00
No. 48—Regulation racing, nickel plated, weight per dozen 1½ lbs., - - - - - - - - - - " " 7.00

ONE DOZEN IN A BOX.

SPURS.

No. 8.

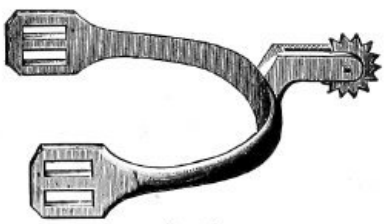
No. 9.



No. 693.

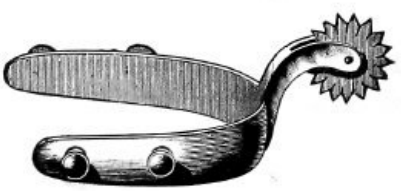
No. 8—Brass, weight per dozen 1½ lbs., - - - - - - - - - - - - per single dozen $1.70
No. 9—Brass, weight per dozen 1¾ lbs., - - - - - - - - - - - - " " 2.00
No. 693—Plain Eureka steel, nickel plated, weight per dozen 3 lbs., - - - - - - - - - - - - " " 2.30

NO. 693, TWO DOZEN: BALANCE, ONE DOZEN IN A BOX.



No. 10.

No. 17.



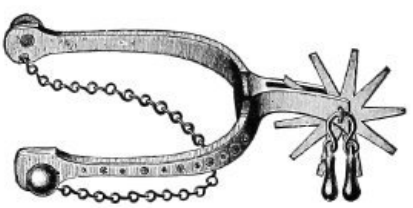
Nos. 585 and 685.

No. 10—Brass, weight per dozen 2 lbs., - - - - - - - - - - - - per single dozen $2.30
No. 17—Brass, weight per dozen 2½ lbs., - - - - - - - - - - - - " " 3.20
No. 585—O. K., malleable, blued, weight per dozen 4¼ lbs., - - - - - - - - - - - - " " 3.50
No. 685—O. K., malleable, nickel plated, weight per dozen 4¼ lbs., - - - - - - - - - - - - " " 5.00

NOS. 10 AND 17, ONE DOZEN; BALANCE, TWO DOZEN IN A BOX.

CALIFORNIA, MEXICAN AND TEXAS.

No. 1176½.



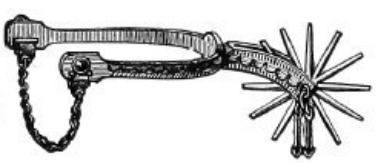
No. 1254.

No. 1245.

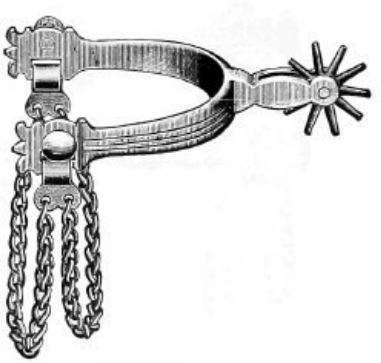
No. 1176½—Blued, weight per dozen 3½ lbs., - - - - - - - - - - - - per single dozen $3.70
No. 1254 —Filed and chased, 1½ in. rowel, weight per dozen 2½ lbs., - - - - - - - - - - - - " " 2.30
No. 1245 —Filed and chased, 2 in. rowel, weight per dozen 2½ lbs., - - - - - - - - - - - - " " 2.60

ONE DOZEN IN A BOX.

No. 1253.



No. 1251.



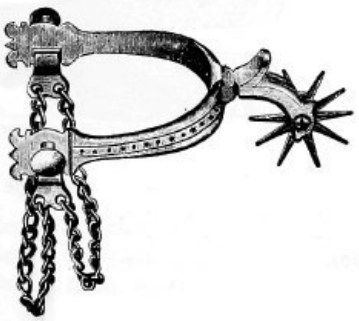
No. 1269.

No. 1253—Filed and chased, 1⁷⁄₁₆ in. rowel, weight per dozen 2¾ lbs., - - - - - - - - - - - - per single dozen $2.60
No. 1251—Filed and chased, 2⅞ in. rowel, weight per dozen 2¾ lbs., - - - - - - - - - - - - " " 3.20
No. 1269—Burnished and chased, 1¹¹⁄₁₆ in. rowel, weight per dozen 5 lbs., - - - - - - - - - - - - " " 7.60

ONE DOZEN IN A BOX.

SPURS.

CALIFORNIA, MEXICAN AND TEXAS.

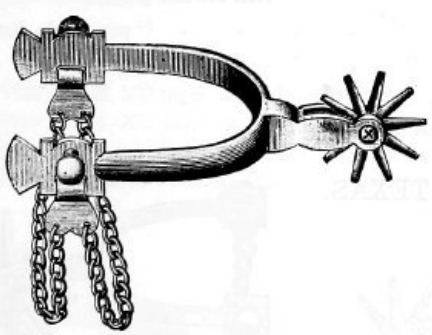


No. 1270—Burnished and chased, 1 9/16 in. rowel, w't per doz. 5 lbs., - - - - - per single dozen $7.60

TWO DOZEN IN A BOX.

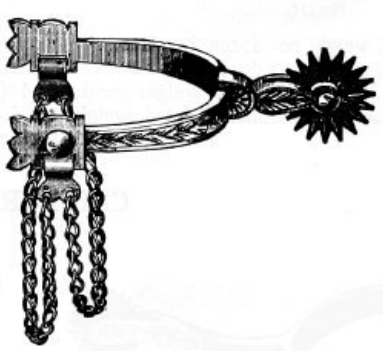
No. 1271—Burnished and engraved, 1 5/8 in. rowel, w't per doz. 5 lbs., - - - - - per single dozen $7.60

TWO DOZEN IN A BOX.



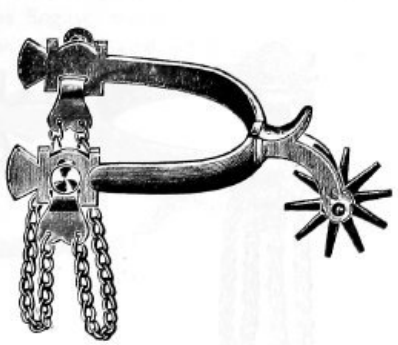
No. 1272—Plain burnished, 1 9/16 in. rowel, w't per doz. 5 lbs., per single dozen, - - - - - - - $7.60

TWO DOZEN IN A BOX.



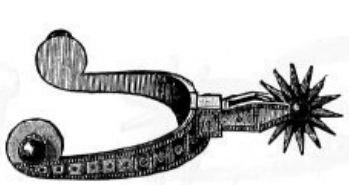
No. 1274—Filed and chased, 1 5/8 in. rowel, w't per doz. 6 lbs., - - - - - - per single dozen $13.50

TWO DOZEN IN A BOX.



No. 1273—Plain burnished, 1 9/16 in. rowel, w't per doz. 5 1/2 lbs., - - - - - - per single dozen $7.60

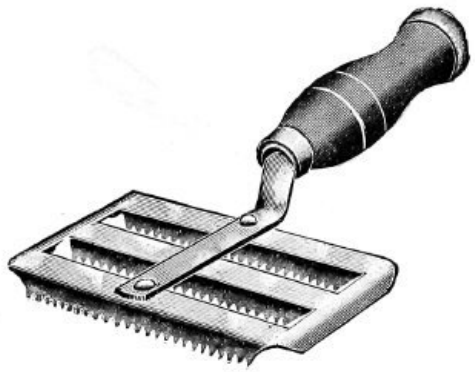
TWO DOZEN IN A BOX.



No. 95—UNDERWOOD'S patent, polished and chased, w't per doz. 3 3/4 lbs., - - - - - per single dozen $8.25

TWO DOZEN IN A BOX.

CURRY COMBS.



No. 000—6 bars, open back, steel, japanned, - per dozen $0.80

LOOSE. WEIGHT 4½ LBS. PER DOZEN.

No. 1—6 bars, open back, loop handle, light steel, lacquered, per dozen, - - - - - - - - $0.70

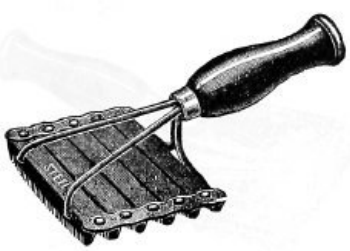
LOOSE. WEIGHT 6 LBS. PER DOZEN.

Closed Back, Shank Run through Handle and Riveted.

No. 11½—5 bars, lacquered steel, w't per doz. 5½ lbs., per dozen, - - - - - - - - - $1.20

No. 29 —6 bars, lacquered steel, w't per doz. 7 lbs., per dozen, - - - - - - - - - 1.50

ONE DOZEN IN A BOX.

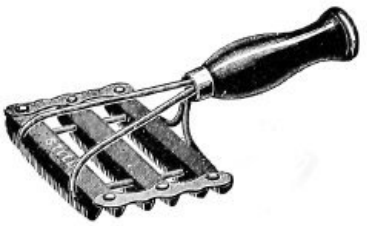


Closed Back, Shank Run through Handle and Riveted.

No. 330—6 bars, lacquered steel, - - per dozen $2.00

No. 030—6 bars, solid brass, tinned knockers, " 3.30

ONE DOZEN IN A BOX. WEIGHT 6½ LBS. PER DOZEN.



Open Back, Shank Run through Handle and Riveted.

No. 20—6 bars, lacquered steel, - - - per dozen $1.60

No. 13—6 bars, tinned steel, - - - " 2.00

No. 14—6 bars, solid brass, tinned knockers, " 2.20

ONE DOZEN IN A BOX. WEIGHT 6½ LBS. PER DOZEN.

Open Back, Shank Run through Handle and Riveted.

No. 321—8 bars, lacquered steel, - - per dozen $2.00

No. 121—8 bars, tinned steel, - - - " 2.30

No. 221—8 bars, solid brass, tinned knockers, " 3.00

ONE DOZEN IN A BOX. WEIGHT 7½ LBS. PER DOZEN.

Open Back.

No. 605—6 bars, lacquered steel, - - per dozen $1.50

No. 610—6 bars, tinned steel, - - - " 1.80

ONE DOZEN IN A BOX. WEIGHT 5½ LBS. PER DOZEN.

Open Back.

No. 19 —8 bars, lacquered steel, - - per dozen $1.60

No. 18½—8 bars, tinned steel, - - - " 2.00

ONE DOZEN IN A BOX. WEIGHT 6 LBS. PER DOZEN.

CURRY COMBS.

No. 470—8 bars, closed back, lacquered steel, improved handle, - - - - - - - per dozen $2.60

ONE DOZEN IN A BOX. WEIGHT 7 LBS. PER DOZEN.

Closed Back.

No. 620—6 bars, lacquered steel, - - per dozen $1.60

No. 625—6 bars, tinned steel, - - - " 2.10

ONE DOZEN IN A BOX. WEIGHT 7¾ LBS. PER DOZEN.

Closed Back.

No. 408—8 bars, lacquered steel, - - per dozen $1.70

No. 508—8 bars, tinned steel, - - - " 2.20

ONE DOZEN IN A BOX. WEIGHT 8½ LBS. PER DOZEN.

No. B—4 blued steel circular bars, reversible, - per dozen $4.25

ONE DOZEN IN A BOX. WEIGHT 7 LBS. PER DOZEN.

No. 1M—6 bars, open back, loop handle, light steel, lacquered, with mane comb, - - - per dozen $0.85

ONE DOZEN IN A BOX. WEIGHT 7 LBS. PER DOZEN.

Open Back, with Mane Comb, Shank Run through Handle and Riveted.

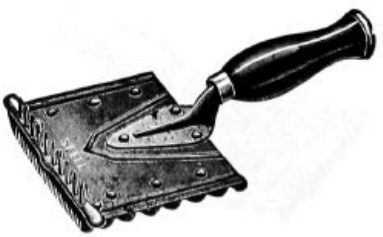
No. 315—6 bars, lacquered steel, - - per dozen $2.40

ONE DOZEN IN A BOX. WEIGHT 7½ LBS. PER DOZEN.

Closed Back, with Mane Comb, Shank Run through Handle and Riveted.

No. 1532—6 bars, lacquered steel, - - per dozen $2.10

ONE DOZEN IN A BOX. WEIGHT 7½ LBS. PER DOZEN.

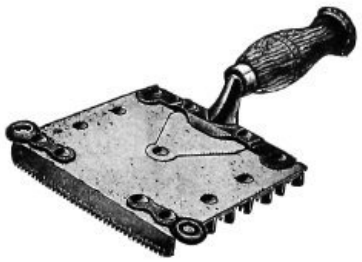


Closed Back, with Mane Comb, Shank Run through Handle and Riveted.

No. 399—8 bars, lacquered steel, - - per dozen $2.50

ONE DOZEN IN A BOX. WEIGHT 9 LBS. PER DOZEN.

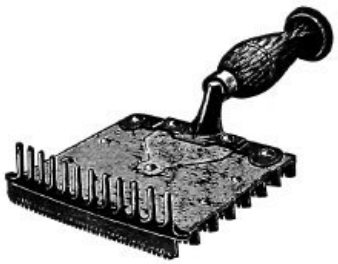
CURRY COMBS.



Lacquered Spring Steel, Closed Back.

No. 114—6 bars, w't per doz. 7 lbs., - - per dozen $2.25
No. 115—8 bars, w't per doz. 8 lbs., - - " 3.50

ONE DOZEN IN A BOX.



Lacquered Spring Steel, Closed Back.

No. 105—6 bars, with mane comb, - - per dozen $3.75

ONE DOZEN IN A BOX. WEIGHT 9 LBS. PER DOZEN.

Lacquered Spring Steel, Closed Back.

No. 110—8 bars, with rubber scraper, - - per dozen $4.00

ONE DOZEN IN A BOX. WEIGHT 9 LBS. PER DOZEN.

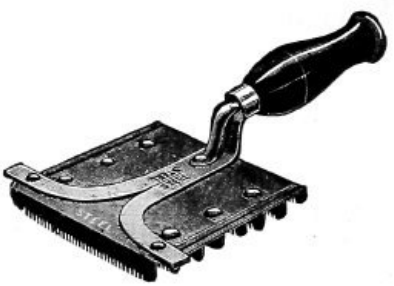
The back of these curry combs is made of spring steel and is very elastic and flexible. The bars are held only at extreme ends, allowing the center to spring slightly. The eight bar combs have more spring than the six bar on account of their extra length.

The new construction makes a curry comb far less liable than a rigid bar to lacerate the skin, besides the vibrations tend to keep the dust and dirt from sticking to it. The rubber scraper attached to No. 110 is of great assistance in scraping off sweat, mud, water or hair from a shedding animal.

Closed Back, Shank Run Through Handle and Riveted.

No. 530 —8 bars, lacquered steel, - - per dozen $2.25
No. 530½—8 bars, tinned steel, - - - " 2.85
No. 535 —8 bars, brass plated, - - - " 3.45

ONE DOZEN IN A BOX. WEIGHT 8 LBS. PER DOZEN



Closed Back, Shank Run Through Handle and Riveted.

No. 540—8 bars, lacquered steel, extra heavy, - per dozen $2.75
No. 545—8 bars, steel, japanned, tinned shank and brace, per dozen, - - - - - - - - 2.75

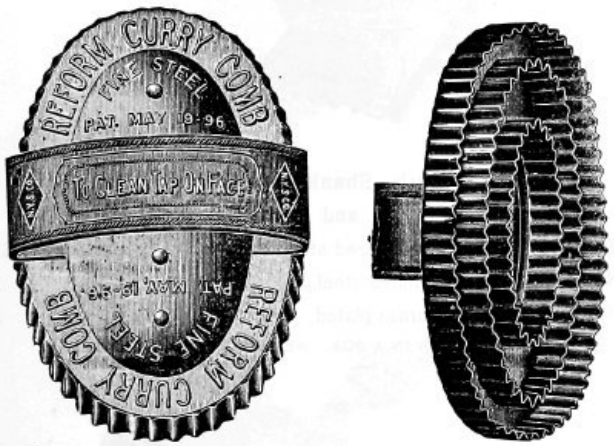
ONE DOZEN IN A BOX. WEIGHT 9½ LBS. PER DOZEN.

No. 44—8 bars, japanned, closed back, self-cleaning, shank run through handle and riveted, - - per dozen $3.75

ONE DOZEN IN A BOX. WEIGHT 10½ LBS. PER DOZEN.

CURRY COMBS AND CARDS.

REFORM CURRY COMBS.



No. 150—6½×4¼ in., 3 shallow corrugated cold rolled steel trays, riveted, inned and bronze lacquered, heavy russet leather strap, - - - - - - per dozen $4.00

Will clean with equal thoroughness a short coat or the long, furry ones incident to the winter season, as not the smallest part of the coat can escape the many teeth, which, however, will not irritate the most sensitive skin, nor will they tear or otherwise injure the brush. It is self-cleaning, and there are no facilities for the storage of hair. A gentle tap on the face will rid it of all the dirt.

ONE DOZEN IN A BOX. WEIGHT 5½ LBS. PER DOZEN.

RUBBER CURRY COMBS.

No. 100—8×4 in., flexible rubber, - - per dozen $17.00

WEIGHT 9 LBS. PER DOZEN.

MANE COMBS.

No. 21½—4½×2½ in., rubber, - - - per dozen $3.00

ONE DOZEN IN A BOX. WEIGHT 1 LB. PER DOZEN.

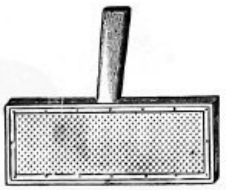
CURRY CARDS.

No. 04—5¾×3½ in., leather board, - - per dozen $1.00

No. 4—5¾×3½ in., leather, - - - " 1.50

TWELVE DOZEN PAIRS IN A CASE. WEIGHT 5 LBS. PER DOZEN.

HORSE CARDS.

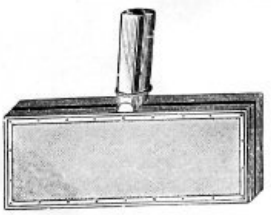


No. 02—8¼×3½ in., leather board, - - per dozen $1.20

No. 2—8¼×3½ in., leather, - - - " 1.70

EIGHT DOZEN IN A CASE. WEIGHT 6 LBS. PER DOZEN.

WOOL CARDS.

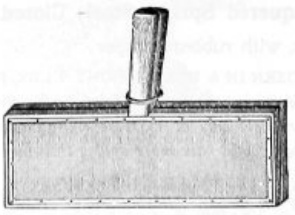


No. 8—9¼×4¼ in., - - - - per dozen pairs $5.50

No. 5—8¾×4⅞ in., - - - - " " 6.00

ONE DOZEN PAIRS IN A CASE. WEIGHT 21 LBS. PER CASE.

COTTON CARDS.

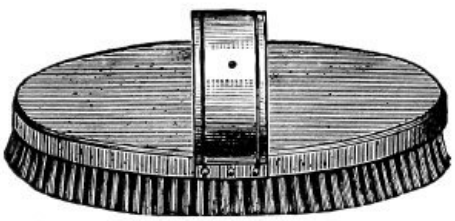


No. 10—10⅜×4⅜ in., - - - per dozen pairs $9.00

ONE DOZEN PAIRS IN A CASE. WEIGHT 21 LBS. PER CASE.

HORSE BRUSHES.

WOOD BACK.



Nos. 100 to 101.

No. 115.

With Heavy Leather Strap.

No. 100—Solid wood back, white tampico, - - - - - - - - - - - - - - per dozen $ 2.25
No. 102—Solid wood back, gray center, black border, - - - - - - - - - - - - - " 3.00
No. 101—Solid wood back, gray tampico, - - - - - - - - - - - - - - " 3.25
No. 115—Leather covered wood back, tempered steel wires, very pliable, - - - - - - - - - " 12.00

NO. 115, ONE; BALANCE, HALF DOZEN IN A BOX. WEIGHT, ABOUT 7 LBS. PER DOZEN.

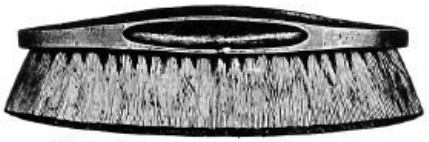
LEATHER BACK.

With Heavy Leather Strap.

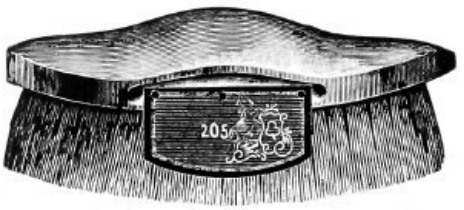
No. 059—Plain red leather back, mixed tampico center, white border, small, - - - - - - - - per dozen $ 2.75
No. 060—Patent leather back, black center, white border, - - - - - - - - - - - - " 3.50
No. 094—Embossed red leather back, gray center, white border, - - - - - - - - - - " 4.25
No. 0112—Embossed red leather back, mixed gray stock, - - - - - - - - - - - - " 5.25
No. 0219—Embossed black leather back, gray center, black bristle border, army pattern, - - - - - - - " 6.75
No. 0108—Embossed russet leather back, gray center, white bristle border, - - - - - - - - - " 6.00
No. 0119—Embossed red leather back, red center, white bristle border, - - - - - - - - - - " 8.25
No. 0118—Plain russet grain leather back, pure Chinese black bristles, - - - - - - - - - " 10.50
No. 0110—Embossed red grain leather back, long mixed red stock, white bristle border, - - - - - - - " 11.25
No. 0162—Embossed red leather back, gray center, white bristle border, oval face, - - - - - - - - " 10.50
No. 0120—Embossed red leather back, long gray stock, - - - - - - - - - - - - " 7.50
No. 0115—Embossed red leather back, imitation paint stub center, genuine paint stub border, - - - - - - " 9.75
No. 0116—Embossed red grain leather back, pure Chinese white bristles, - - - - - - - - - " 12.00
No. 0364—Embossed black leather back, black center with black bristle border, oval face, - - - - - - - " 9.75
No. 01450—Embossed red grain leather back, pure Chinese black bristles, - - - - - - - - - " 13.50
No. 0210—Embossed plum grain leather back, alternate rows Russian yellow and Chinese black bristles, - - - - " 14.25
No. 0415—Embossed red grain leather back, pure Chinese black bristles, very stiff, - - - - - - - - " 16.25
No. 0111—Embossed red grain leather back, all dark paint stub bristles, - - - - - - - - - - " 16.25
No. 0443—Flexible russet leather back, Chinese black bristles, army pattern, - - - - - - - - - " 24.00
No. 0345—Plain red grain leather back, pure Okatka yellow bristles, - - - - - - - - - - " 20.00
No. 0270—Embossed black grain leather back, pure Chinese black bristles, oval face, stiff back, - - - - - - " 21.00
No. 0213—Embossed red grain leather flexible back, Okatka stiff bristles, oval face, army pattern, - - - - - - " 20.50
No. 0442—Plain red grain leather back, Chinese pure white bristles, oval face, - - - - - - - - - " 33.00
No. 0230—Embossed orange grain leather back, pure Okatka stiff white bristles, oval face, - - - - - - - - " 49.50

HALF DOZEN IN A BOX. WEIGHT, SMALL, 5 TO 7 LBS.; MEDIUM, 8 TO 10 LBS.; LARGE, ABOUT 12 LBS. PER DOZEN.

HORSE BRUSHES.



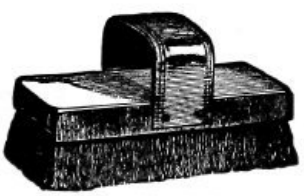
Nos. 208, 200, 220, 227, 201 and 206.



No. 205.

No. 208—DANDY, plain solid wood back, rice root, common, - - - - - - - - - - - per dozen $ 3.25
No. 200—DANDY, varnished solid wood back, rice root, medium, - - - - - - - - - - - " 3.75
No. 220—DANDY, varnished solid wood back, rice root, extra, - - - - - - - - - - - " 4.75
No. 205—DANDY, varnished solid wood back, rice root, fine, leather grips on sides, - - - - - - - - - " 6.00
No. 227—DANDY, stained cherry solid wood back, rice root, superfine, - - - - - - - - - - " 12.00
No. 201—DANDY, plain solid wood back, imitation palmetto fibre, - - - - - - - - - - - " 3.00
No. 206—DANDY, varnished solid wood back, palmetto fibre, - - - - - - - - - - - - " 3.75
No. 215—DANDY, varnished solid wood back, tempered steel wire bristles, very pliable, - - - - - - - " 12.00

HALF DOZEN IN A PACKAGE. AVERAGE WEIGHT 8 TO 10 LBS. PER DOZEN.



Nos. 14 and 15.

Nos. 180 and 181.

With Leather Strap.

No. 14—Square, 7 ×3 in., varnished wood back, rice root, - - - - - - - - - - - per dozen $2.00
No. 15—Square, 7 ×3 in., varnished wood back, palmetto, - - - - - - - - - - - " 2.00
No. 180—Oval, 8½×4 in., varnished wood back, rice root, - - - - - - - - - - - " 3.25
No. 181—Oval, 8½×4 in., varnished wood back, India palmetto, - - - - - - - - - - " 3.25

HALF DOZEN IN A PACKAGE. AVERAGE WEIGHT 6 LBS. PER DOZEN.

Pointer, ox fibre, varnished solid wood back, size of face 11×3 in., weight per dozen 13 lbs., - - - - - per dozen $5.00

ONE DOZEN IN A CASE.

Anchor.

General.

Anchor, ox fibre, varnished solid wood back, size of face 7½×2¾ in., weight per dozen 10½ lbs., - - - - per dozen $4.00
General, ox fibre, varnished solid wood back, size of face 8½×2¾ in., weight per dozen 10½ lbs. - - - - " 4.00

ONE DOZEN IN A CASE.

Shoo Fly.

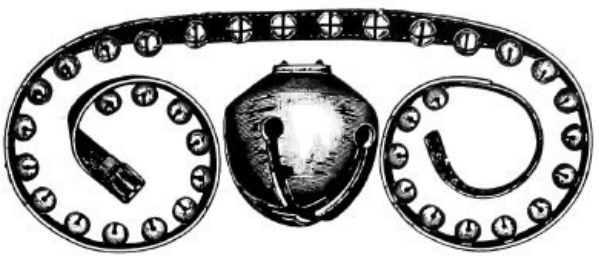
Ruf and Redy.

Shoo Fly, ox fibre, varnished solid wood back, size of face 8¾×3¾ in., weight per dozen 12 lbs., - - - - per dozen $5.00
Ruf and Redy, ox fibre, varnished solid wood back, size of face 10×4¼ in., weight per dozen 14 lbs., - - - " 6.00

ONE DOZEN IN A CASE.

SLEIGH BELLS.

BODY STRAPS.



Arctic Bells, Rolled Nickel Plated Wrought Steel, Plain Black Leather Straps, Riveted Buckle and Billet.

Nos.	787	788	789	790
Size of bells,	1⅛	1⅛	1⅛	1⅛ in.
Number of bells,	20	24	30	36
W't per strap,	1¾	2	2¼	2½ lbs.
Per strap,	$1.95	2.22	2.50	2.78

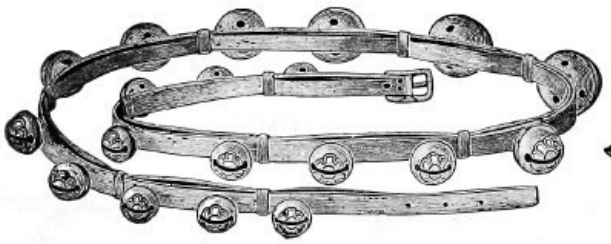
Arctic Bells, Rolled Nickel Plated Wrought Steel, Plain Black Leather Straps, Riveted Buckle and Billet.

Nos.	793	794	795	1201
Size of bells,	1¼	1¼	1¼	1¼ in.
Number of bells,	24	30	36	42
W't per strap,	2	2¼	3	3½ lbs.
Per strap,	$2.50	2.78	3.06	3.34

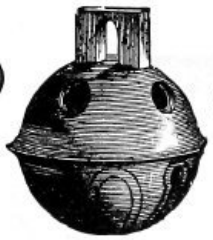
Arctic Bells, Rolled Brass Plated Wrought Steel, Plain Black Leather Straps, Riveted Buckle and Billet.

Nos.	801	802	803
Size of bells,	1⅛	1⅛	1⅛ in.
Number of bells,	24	30	36
W't per strap,	1¾	2	2¾ lbs.
Per strap,	$2.22	2.50	2.78

BODY STRAPS.



Nos. 059 and 069.



Round Loose Bells.

NECK STRAPS.

No. 43.

Polished Bells.

No. 059—19 bells from 1¼ to 2⅛ in., wire fastened on heavy russet leather strap, grain leather lined, riveted buckle and billet, w't 5 lbs., - - - - per strap $2.60

No. 069—23 bells from 1⅜ to 2⅛ in., wire fastened on heavy russet leather strap, grain leather lined, riveted buckle and billet, w't 6 lbs., - - - per strap 3.00

Nickel Plated Arctic Bells

No. 85—42 bells 1¼ in., riveted on russet leather strap, black enameled leather bound, stitched buckle and billet, w't 6 lbs., - - - - - - - per strap $5.00

Polished Rim Bells, Wire Fastened.

Nos.	26	30	36	43
Size of bells,	1⅛ to 1⅝	1⅛ to 1¾	1⅛ to 1⅞	1⅛ to 2⅛ in.
Number of bells,	9	11	13	15
W't per strap,	1¼	1½	3¼	4 lbs.
Per strap,	$0.84	1.00	1.24	1.50

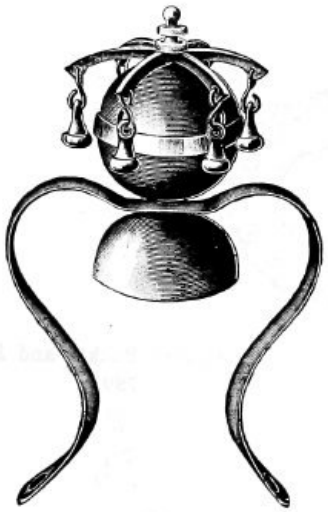
ROUND LOOSE BELLS.

Polished and Coppered.

Nos.	1	2	3	4	5	6
Size,	1⅛	1¼	1⅜	1½	1⅝	1¾ in.
W't per doz.,	¾	1	1¼	1½	1¾	2 lbs.
Per dozen,	$0.38	.52	.68	.82	.98	1.10

Nos.	7	8	9	10	11
Size,	1⅞	2⅛	2¼	2⅜	2½ in.
W't per doz.,	2¼	2¾	3½	4¼	5¼ lbs.
Per dozen,	$1.35	1.57	1.90	2.25	2.60

SADDLE CHIMES.



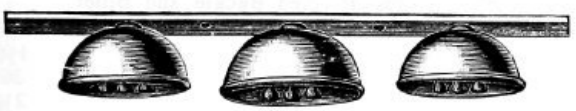
No. 118.

No. 164.

No. 118—Plain bells, nickel plated, height 9¼ in., weight per dozen 24 lbs., - - - - - - - - - per dozen $27.60
No. 164—Figured bells, nickel plated, height 9 in., weight per dozen 30 lbs., - - - - - - - - " 28.00

SHAFT CHIMES.

BEADED GONG.



Wrought Steel Bells, Japanned Iron Strap.

No. 861—Rolled nickel plated, - - - per pair $0.50
No. 862—Rolled brass plated, - - - " .50

ONE PAIR IN A BOX. WEIGHT 3 LBS. PER PAIR.

TEA BELL.

Wrought Steel Bells, Japanned Iron Strap.

No. 867—Rolled nickel plated, w't per pair 4½ lbs., per pair $0.70

ONE PAIR IN A BOX.

BAND.

Cast Bell Metal Bells, Japanned Iron Strap.

No. 15—White metal, - - - - - per pair $0.80
No. 16—Oroide, - - - - - - " 1.00

ONE PAIR IN A BOX. WEIGHT 2½ LBS. PER PAIR.

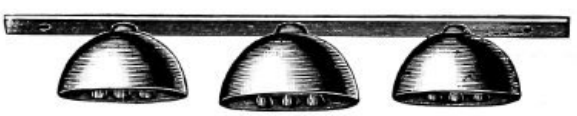
MIKADO.

Cast Bell Metal Bells, Japanned Iron Strap.

No. 30—Nickel plated, w't per pair 3 lbs., - per pair $1.00

ONE PAIR IN A BOX.

LIGHT GONG.



Cast Bell Metal Bells, Japanned Iron Strap.

No. 13—Nickel plated, - - - - - per pair $0.90
No. 14—Gold plated, - - - - - " 1.00

ONE PAIR IN A BOX. WEIGHT 2½ LBS. PER PAIR.

BEADED GONG.

Wrought Brass Bells, Japanned Iron Strap.

No. 883—Nickel plated, w't per pair 3 lbs., - per pair $1.25

ONE PAIR IN A BOX.

GRADUATED CUP.

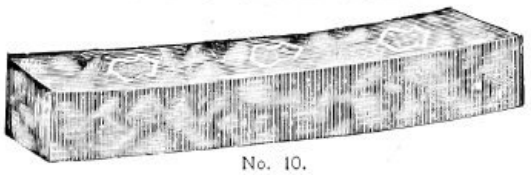
Wrought Brass Bells, Japanned Iron Strap.

No. 42½—Nickel plated, w't per pair 3 lbs., - per pair $1.50

ONE PAIR IN A BOX.

HARNESS SOAPS AND OILS.

PURE CASTILE SOAP.



No. 10.

No. 10—Mottled, about 3 lb. bars, - - per pound $0.18
No. 11—White, about 3 lb. bars, - - " .22

FRANK MILLER'S SOAP.

Nos. 3 and 5.

No. 4.

No. 3—¾ lb. bars, - - - - - per dozen $ 2.60
No. 4— 1 lb. tin boxes, - - - - " 3.50
No. 5— 3 lb. bars, - - - - - " 9.00
No. 6— 5 lb. tubs, - - - - - " 16.00

HOLLINGSHEAD'S SOAP.

Black.

No. 200— 1 lb. cans, - - - - per dozen $ 3.00
No. 201— 2½ lb. cans, - - - - " 6.00
No. 202— 5 lb. cans, - - - - " 12.00
No. 203—10 lb. cans, - - - - " 24 00
No. 204—25 lb. cans, - - - - " 45 00

White.

No. 210—1 lb. cans, - - - - per dozen $ 3.00
No. 211—2½ lb. cans, - - - - " 6.00
No. 212—5 lb. cans, - - - - " 12.00

Oils, softens, preserves and beautifies all articles of leather with one application. Makes old harness look like new and keeps new harness from looking old.

CHISWICK SOAP.

No. 8—1 pt. jars, w't per doz. 3½ lbs., - per dozen $ 6.50
No. 9—1 qt. jars, w't per doz. 6 lbs., - " 10.50

HOLLINGSHEAD'S CARRIAGE AND AUTOMOBILE SOAP.

No. 220— 5 lb. cans, - - - - per dozen $ 7.50
No. 221—10 lb. cans, - - - - " 13.50

This soap is especially prepared for use in cleaning carriages, automobiles, axles, etc., thoroughly and quickly removing dirt and grease without injury to the paint or varnish. Extensively used by express companies, liverymen and large stables.

HOLLINGSHEAD'S NEAT'S FOOT OIL.

No. 270—1 pt. cans, w't per doz. 15 lbs., - - - per dozen $ 3.40
No. 271—1 qt. cans, w't per doz. 25 lbs., - - - per dozen 6.40
No. 272—½ gal. cans, w't per doz. 48 lbs., - - - per dozen 10.50
No. 273—1 gal. cans, w't per doz. 105 lbs., - - - per dozen 18.00
No. 274—5 gal. cans, w't per doz. 624 lbs., - - - per dozen 81.00

For oiling, softening and preserving harness, carriage and buggy tops, boots, shoes and all articles of leather, guaranteed to be an oil of the highest quality and of very superior merit, free from all adulterations.

IXL HARNESS OIL.

Nos. - -	20	21	22	23	24	25
Capacity, -	½ pt.	1 pt.	1 qt.	½ gal.	1 gal.	5 gal.
W't per doz.,	8	15	25	48	105	624 lbs.
Per dozen,	$2.20	3.50	5.00	8.80	15.20	63.00

FRANK MILLER'S HARNESS OIL.

Nos. - -	30	31	32	33	34
Capacity, -	½ pt.	1 pt.	1 qt.	½ gal.	1 gal.
W't per doz., -	8	16	25	48	105 lbs.
Per dozen, -	$3.10	5.70	8.80	15.80	27 60

HARNESS AND CARRIAGE DRESSINGS.

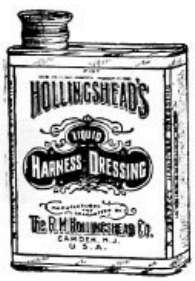
HOLLINGSHEAD'S HARNESS OIL BLACKING.

No. 230—1 pt. cans, w't per doz. 20 lbs., - - - per dozen $ 3.40
No. 231—1 qt. cans, w't per doz. 30 lbs., - - - per dozen 6.40
No. 232—½ gal. cans, w't per doz. 72 lbs., - - - per dozen 10.50
No. 233—1 gal. cans, w't per doz. 120 lbs., - - per dozen 18.00
No. 234—5 gal. cans, w't per doz. 500 lbs., - - per dozen 81.00

A perfect combination of dye and neat's foot oil, which gives the leather a jet black, soft and pliable finish.

NOS. 230 AND 231 ONE DOZEN; NOS. 232 AND 233 HALF DOZEN IN A CASE.

HOLLINGSHEAD'S LIQUID HARNESS DRESSING.

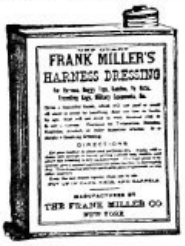


No. 240—1 pt. cans, w't per doz. 20 lbs., - - per dozen $ 3.80
No. 241—1 qt. cans, w't per doz. 30 lbs., - - per dozen 6.80
No. 242—½ gal. cans, w't per doz. 72 lbs., - - per dozen 12.00
No. 243—1 gal. cans, w't per doz. 120 lbs., - - per dozen 21.00
No. 244—5 gal. cans, w't per doz. 500 lbs., - - per dozen 90.00

Expressly prepared for dressing and finishing leather, producing a jet black finish that will not crack, smut or peel from the leather, will retain its lustre.

NOS. 240 AND 241 ONE DOZEN; NOS. 242 AND 243 HALF DOZEN IN A CASE.

FRANK MILLER'S HARNESS DRESSING.



Nos. - -	50	51	52	53	54
Capacity, -	½ pt.	1 pt.	1 qt.	½ gal.	1 gal.
W't per doz., -	10	20	30	72	125 lbs.
Per dozen, -	$2.70	4.80	8.80	15.80	25.20

ONE DOZEN IN A CASE.

BONNER-MILLER HARNESS PREPARATION.

Black.

No. 16— 1 lb. boxes, - - - - per dozen $ 3.30
No. 17— 2¼ lb. boxes, - - - - " 6.60
No. 18— 5 lb. boxes, - - - - " 13.00
No. 28—10 lb. boxes, - - - - " 26.65
No. 38—22 lb pails, - - - - " 52.80

White.

No. 16X—1 lb. boxes, - - - - per dozen $ 3.30
No. 17X—2¼ lb. boxes, - - - - " 6.30
No. 18X—5 lb. boxes, - - - - " 13.00

NOS. 16 AND 16X, SIX DOZEN; 17 AND 17X THREE DOZEN; NOS 18 AND 18X ONE DOZEN; NO 28, HALF DOZEN IN A CASE.

FRANK MILLER'S HARNESS COMPOSITION.

No. 20—Small cans, w't per doz. 16 lbs., - per dozen $3.50
No. 21—Medium cans, w't per doz. 35 lbs., - " 6.60

ONE DOZEN IN A CASE.

HOLLINGSHEAD'S COMPO.

Polishing Paste.

No. 255—½ lb. cans, per dozen $3.80
No. 256—1 lb. cans, " 6.80

When applied to harness leather with a dauber and polished with a polishing brush, it gives a durable soft jet black finish that will not crack nor peel and is impervious to water. For restoring patent leather to its original brightness apply "Compo" and polish with a soft flannel cloth or chamois.

ONE DOZEN IN A CASE.

CARRIAGE TOP DRESSING.

Hollingshead's.

No. 250—½ pt cans, w't per doz. 10 lbs., - - per dozen $ 3.80
No. 251—1 pt. cans, w't per doz. 20 lbs., - - per dozen 6.00
No. 252—1 qt. cans, w't per doz. 30 lbs., - - per dozen 10.50

Recommended for renewing and preserving all kinds of enameled leather, giving a jet black, durable waterproof gloss, that will not rub off.

ONE DOZEN IN A CASE.

Red Seal.

No. 57—½ pt. cans, w't per doz. 9 lbs., - - per dozen $ 4.20
No. 58—1 pt. cans, w't per doz. 16 lbs., - - per dozen 6.30
No. 59—1 qt. cans, w't per doz. 28 lbs., - - per dozen 11.50

TWO DOZEN IN A CASE.

Frank Miller's.

Nos. -	60	61	62
Capacity,	½ pt.	1 pt.	1 qt.
W't doz.	9	16	25 lbs.
Per doz.	$5.20	9.80	15.70

Pitkin's.

Nos. -	70	71	72
Capacity,	½ pt.	1 pt.	1 qt.
W't doz.	9	16	25 lbs.
Per doz.	$4.00	6.60	11.00

For use on buggy and carriage tops, dashboards and curtains, also on valises and all leather articles. Renders the leather pliable, and dries quickly with fine lustre and elastic finish. Put up in ½-pints, pints and quarts. Larger packages to order. A preservative coating for leather. Ready for application.

ONE DOZEN IN A CASE.

AXLE OIL.

HOLLINGSHEAD'S CASTOR.

No. 260—1 pt. cans, w't per doz. 17 lbs.,	- - per dozen	$ 3.20
No. 261—1 qt. cans, w't per doz. 34 lbs.,	- - per dozen	6.00
No. 262—½ gal. cans, w't per doz. 70 lbs.,	- - per dozen	10.50
No. 263—1 gal. cans, w't per doz. 120 lbs.,	- - per dozen	18.00

Compounded expressly for light and heavy carriages, also recommended for lawn mowers, etc. Can be used in any climate and is not affected by hot or cold weather.

NOS. 260 AND 261, ONE DOZEN, NOS. 262 AND 263 HALF DOZEN IN A CASE.

FRANK MILLER'S.

No. 81—1 pt. cans, w't per doz. 16 lbs., per dozen, - - - -	$4.20
No. 82—1 qt. cans, w't per doz. 29 lbs., per dozen, - - - -	7.00

ONE DOZEN IN A CASE.

BOSTON COACH.

Nos. - -	90	91	92	93
Capacity, - -	1 pt.	1 qt.	½ gal.	1 gal.
W't per doz., -	13	26	60	120 lbs.
Per dozen, -	$3.60	6.00	8.70	14.70

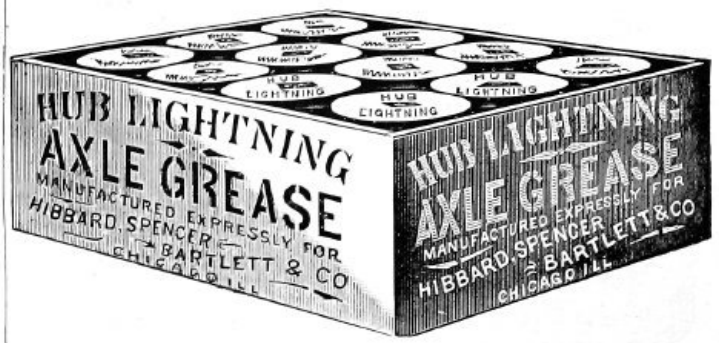
NOS. 90 AND 91 ONE DOZEN, NOS. 92 AND 93 HALF DOZEN IN A CASE.

BAUM'S CASTORINE.

Nos. - -	100	101	102	103
Capacity, - -	1 pt.	1 qt.	½ gal.	1 gal.
W't per doz., -	13	26	60	120 lbs.
Per dozen, -	$4.00	7.50	13.00	24.00

NOS. 100 AND 101 ONE DOZEN, NOS. 102 AND 103 HALF DOZEN IN A CASE.

AXLE GREASE.



In Boxes.

Hub Lightning, - - - - -	per gross	$ 7.50
Diamond, - - - - - -	"	8.50
Frazer's, - - - - - - -	"	13.00

ONE-THIRD GROSS IN A CASE. WEIGHT 75 LBS. PER CASE.

1 lb. Carriage.

Wagon.

Wagon.

In Tin Cans.

1 lb.	FRAZER'S, carriage, - - -	per dozen	$1.75
Small,	FRAZER'S, wagon, w't about 1½ lbs., -	"	1.75
Medium,	FRAZER'S, wagon, w't about 3 lbs., -	"	3.25
Large,	FRAZER'S, wagon, w't about 5 lbs., -	"	4.75

1 LB., ONE DOZEN, SMALL AND MEDIUM, TWO DOZEN, LARGE ONE DOZEN CANS IN A CASE.

In Wood Pails.

15 lb., HUB LIGHTNING, - - - - -	each	$ 0.90
25 lb., HUB LIGHTNING, - - - - -	"	1.20
15 lb., FRAZER'S, wagon, - - - - -	"	1.00
25 lb., FRAZER'S, wagon, - - - - -	"	1.60

"Our Very Best," Channellene Graphite, in Lithographed Tin Cans.

1 lb., one-third gross cans in a case, w't per case 70 lbs., per gross, - - - - - - - -	$16.00
3 lb., two dozen cans in a case, w't per case 90 lbs., per gross	38.00
5 lb., one dozen cans in a case, w't per case 75 lbs., "	60.00

It is made from pure lubricating oils, contains no lumps, and has great wearing qualities. This grease contains a large percentage of graphite, which is unsurpassed as a lubricant. It will not run or gum, and is not affected by heat or cold. It is adapted for light and heavy wagons, drays and farm machinery. The graphite adheres to the spindle and prevents the grease from running.

METAL POLISH.

MEXOLINE.

Black Liquid.

No. 110H—½ pt. cans, w't per doz. 7 lbs., per dozen..... $1.70
No. 112H—1 pt. cans, w't per doz. 13 lbs., per dozen..... 2.60
No. 114H—1 qt. cans, w't per doz. 26 lbs., per dozen..... 4.20

For cleaning and polishing signs, railings, band instruments, nickel, zinc, copper and other metals. Contains no poisons or acids.

ONE DOZEN IN A BOX.

White Liquid.

No. 120H—½ pt. cans, w't per doz. 7 lbs., per dozen..... $1.70
No. 122H—1 pt. cans, w't per doz. 13 lbs., per dozen..... 2.60
No. 124H—1 qt. cans, w't per doz. 26 lbs., per dozen..... 4.20

For cleaning and polishing signs, railings, band instruments, nickel, zinc, copper and other metals. Contains no poisons or acids.

ONE DOZEN IN A BOX.

SOLARINE.

Black Liquid.

No. 130H—⅛ pt. cans, w't per doz. 3 lbs., per dozen.....$ 1.50
No. 132H—½ pt. cans, w't per doz. 7 lbs., per dozen..... 2.70
No. 134H—1 pt. cans, w't per doz. 13 lbs., per dozen..... 5.00
No. 136H—1 qt. cans, w't per doz. 26 lbs., per dozen..... 7.50
No. 138H—½ gal. cans, w't per doz. 60 lbs., per dozen..... 10.00
No. 140H—1 gal. cans, w't per doz. 120 lbs., per dozen..... 18.00

NOS. 130H AND 132H, HALF GROSS; NO. 134H, ONE QUARTER GROSS; NO. 136H, ONE DOZEN; NOS. 138H AND 140H, HALF DOZEN IN A CASE.

White Liquid.

No. 150H—⅛ pt. cans, w't per doz. 3 lbs., per dozen.....$ 1.50
No. 152H—½ pt. cans, w't per doz. 7 lbs., per dozen..... 2.70
No. 154H—1 pt. cans, w't per doz. 13 lbs., per dozen..... 5.00
No. 156H—1 qt. cans, w't per doz. 26 lbs., per dozen..... 7.50
No. 158H—½ gal. cans, w't per doz. 60 lbs., per dozen..... 10.00
No. 160H—1 gal. cans, w't per doz. 120 lbs., per dozen..... 18.00

For polishing gold, silver, brass, nickel, tin, etc. Contains neither grease, grit, acid or poison and will not injure the most delicate surface.

NOS. 150H AND 152H, HALF GROSS; NO. 154H, ONE QUARTER GROSS; NO. 156H, ONE DOZEN; NOS. 158H AND 160H, HALF DOZEN IN A CASE.

MEYER'S PUTZ CREAM.

No. 36C—⅛ pt. cans, w't per doz. 6 lbs., per dozen..... $1.25
No. 38C—¼ pt. cans, w't per doz. 8 lbs., per dozen..... 1.90
No. 40C—½ pt. cans, w't per doz. 12 lbs., per dozen..... 3.00
No. 42C—1 pt. cans, w't per doz. 18 lbs., per dozen..... 6.00
No. 44C—2 pt. cans, w't per doz. 20 lbs., per dozen..... 9.00
No. 46C—4 pt. cans, w't per doz. 24 lbs., per dozen..... 15.00
No. 48C—8 pt. cans, w't per doz. 28 lbs., per dozen..... 27.00

A cream colored liquid polish, which leaves no unsightly stains or discolorations on the most delicately finished woodwork or leather, making it particularly valuable for polishing door trimmings and harness ornaments. It also imparts a brilliant polish to woodwork.

⅛ PINT, 2 DOZEN IN PASTEBOARD BOX; ¼ PINT, 6 DOZEN; ½ PINT, 3 DOZEN; 1 PINT, 2 DOZEN; 1 QUART, 2 DOZEN; 2 QUART, 1 DOZEN; 1 GALLON, ½ DOZEN IN A CASE. NOS. 36C TO 44C, IN ROUND TIN CANS; NOS. 46C AND 48C, IN SQUARE TIN CANS, WITH SCREW CAP.

BURNISHINE.

White Liquid.

No. 2C—¼ pt. cans, w't per doz. 4½ lbs., per dozen ..... $ 1.67
No. 3C—½ pt. cans, w't per doz. 6 lbs., per dozen 2.50
No. 4C—1 pt. cans, w't per doz. 9 lbs., per dozen 4.00
No. 5C—1 qt. cans, w't per doz. 24 lbs., per dozen 7.00
No. 6C—2 qt. cans, with bail, w't per doz. 51 lbs.....per dozen 12.00
No. 7C—1 gal. cans, with bail, w't per doz. 96 lbs.....per dozen 20.00

For cleaning and polishing brass, copper, nickel, zinc, tin and all metals. Contains nothing injurious to any metal.

NO. 2C, SIX DOZEN; NO. 3C, THREE DOZEN; NO. 4C, TWO DOZEN; NOS. 5C AND 6C, ONE DOZEN; NO. 7C, ONE HALF DOZEN IN A CASE.

PUTZ POMADE.

Genuine Red Paste Polish.

No. 01½C—1¼ oz. boxes, w't per doz. 1 lb., per dozen..... $0.55
No. 04C—3¼ oz. boxes, w't per doz. 2 lbs., per dozen..... .90
No. 06C—4 oz. boxes, w't per doz. 3 lbs.....per dozen 1.75
No. 012C—½ lb. boxes, w't per doz. 6 lbs.....per dozen 3.50
No. 016C—1 lb. boxes, w't per doz. 12 lbs.....per dozen 5.00

NO. 01½C, TWO DOZEN; NOS. 04C AND 06C, ONE DOZEN IN A BOX; BALANCE IN BULK.

MATCHLESS.

White Paste.

No. 17H—3 oz. boxes, w't per doz. 1¾ lbs., per dozen..... $0.95
No. 18H—½ lb. boxes, w't per doz. 6 lbs., per dozen..... 2.70
No. 19H—1 lb. boxes, w't per doz. 12 lbs., per dozen..... 4.50

NO. 17H THREE DOZEN; NOS. 18H AND 19H, ONE DOZEN IN A BOX.

NON SUCH.

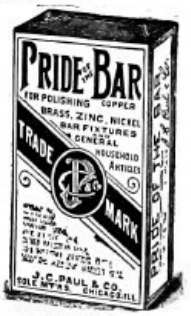
Black Paste.

No. 20H—3 oz. boxes, w't per doz. 1¾ lbs., per dozen..... $1.00
No. 21H—½ lb. boxes, w't per doz. 6 lbs., per dozen..... 2.70
No. 22H—1 lb. boxes, w't per doz. 12 lbs., per dozen..... 4.50

ONE DOZEN IN A BOX.

CLEANING AND POLISHING COMPOUNDS.

No. 65C.



No. 01C.

No. 65C—1 lb. packages, powder, w't per doz. 13 lbs.....per dozen $4.00

For cleaning and polishing all kinds of tin, zinc, brass, copper, nickel and plated utensils of every kind as well as cleaning glass, wood, marble, porcelain, etc.

No. 01C—1 lb. packages, powder, w't per doz. 12 lbs.....per dozen $3.00

For cleaning and polishing nickel, copper, brass, zinc, bar fixtures and general household articles.

THREE DOZEN IN A CASE. WEIGHT ABOUT 43 LBS.

No. 50C.

No. 60C.

No. 50C—4 oz. bottles, liquid, w't per doz. 7 lbs.....per dozen $1.25

For cleaning and polishing gold, silver, nickel, brass, copper, tin, etc. Contains nothing injurious to any metal.

ONE DOZEN IN A CARTON. THREE DOZEN IN A CASE.

No. 60C—½ pt. tin cans, liquid, w't per doz. 6½ lbs.....per dozen $2.50

THREE DOZEN IN A CASE.

STABLE SUNDRIES.

HOLLINGSHEAD'S HOOF DRESSING.

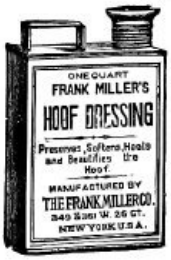
PER DOZEN

No. 290—1 pt. cans, w't per doz. 14 lbs., - - $ 4.00
No. 291—1 qt. cans, w't per doz. 26 lbs., - - 7.10
No. 292—½ gal. cans, w't per doz. 60 lbs., 12.80
No. 293—1 gal. cans, w't per doz. 120 lbs., - - 22.50

Is used in cases of split hoofs, quarter crack, corns, dry, brittle or contracted feet. Stimulates the growth of the hoof and keeps it in a healthy condition.

NOS. 290 AND 291, ONE DOZEN; NOS. 292 AND 293, HALF DOZEN IN A CASE.

FRANK MILLER'S HOOF DRESSING.



No. 0—1 qt. cans, w't per doz. 24 lbs., per dozen, - $8.00

This dressing preserves softens, heals and beautifies the foot.

ONE DOZEN IN A CASE.

CAMPBELL'S HORSE FOOT REMEDY.

PER DOZEN

No. 1—1 qt. cans, w't per doz. 24 lbs., - - $15.00
No. 2—½ gal. cans, w't per doz. 60 lbs., - - 25.00
No. 3—1 gal. cans, w't per doz. 120 lbs., - - 45.00

This remedy prevents the feet from becoming unsound. It cures brittle feet, false quarters, sand cracks and kindred ailments.

NOS. 1 AND 2, ONE DOZEN; NO. 3, HALF DOZEN IN A CASE.

HOLLINGSHEAD'S HOOF PACKING.

Natural Rock, One Pound of Rock Absorbs Four Pounds of Water.

DOZ. PKGS.

No. 1—Package makes 10 lbs., $ 3.00
No. 2—Package makes 20 lbs., 6.00
No. 3—Package makes 40 lbs., 12.00
No. 4—Package makes 125 lbs., in 25 lb. boxes, 27.00

Recommended by veterinarians and horsemen, removes soreness from dry and contracted feet, softens the frog and cools the foot, and allays inflammation. Is the best known remedy for diseases of the hoof and foot.

NOS. 1, 2 AND 3, ONE DOZEN; NO. 4, ONE PACKAGE IN A CASE.

BELGIUM OINTMENT.

Sure cure for sore teats on cows, or cow pox, sore shoulders or necks, barb wire cuts, kicks, etc., on horses. Will cure scratches in four days. The best general purpose ointment on the market. A guaranteed article and a ready seller.

PER DOZEN

No. 2—2 oz. boxes, - - - - $4.00
No. 6—6 oz. boxes, - - - - 8.00

ONE DOZEN BOXES IN A CARTON.

BICKMORE'S GALL CURE.

This remedy will cure galls, scratches, cuts, grease heel and all skin troubles common to horses and cattle.

PER DOZEN

No. 15—2 oz. boxes, $3.50
No. 16—6 oz. boxes, 7.00
No. 17—1 lb. boxes, 14.00

NO. 15, ONE DOZEN; NO. 16, HALF DOZEN; NO. 17, ONE-QUARTER DOZEN IN A CARTON.

CAMPBELL'S EMOLLIO IODOFORM.

No. 18—3 oz. boxes, per dozen, - $3.00

Emollio Iodoform will heal galls, cuts, calks, scratches and all abrasions of the skin.

ONE DOZEN IN A CARTON.

Liniment.

KITCHEL'S LINIMENT.

PER DOZEN.

No. 25—1 pt. bottles, w't per doz., 22 lbs., - - $ 7.50
No. 26—1 qt. bottles, w't per doz., 48 lbs., - - 12.50

This is a fine body and leg wash.

ONE DOZEN IN A CASE.

WITCH HAZEL.

Triple Alcoholic Distillate.

PER DOZEN.

No. 27—1 qt. bottles, w't per doz. 46 lbs., - - $ 8.00
No. 28—½ gal. bottles, w't per doz. 94 lbs., - - 14.50

NO. 27, ONE DOZEN; NO. 28, HALF DOZEN BOTTLES IN A CASE.

HOLLINGSHEAD'S DISINFECTOL.

A French preparation of great merit, is the strongest and cheapest disinfectant made. Is not poisonous to man or beast and is especially effective in preventing infection from all contagious diseases.

No. 300—1 gal. cans, w't per doz. 125 lbs., - per dozen $22.50

HALF DOZEN IN A CASE.

STRAP EDGE FILLER AND FINISHER.

No. 75—Black, per dozen sticks, - $0.80

ONE DOZEN STICKS IN A BOX.

FRANK MILLER'S EDGE INK.

PER KEG.

No. 95—5 gal. kegs, w't 50 lbs., - $2.50
No. 96—10 gal. kegs, w't 90 lbs., - 4.80

HARNESS OR SHOE WAX.

In Small Balls.

	Summer.		Winter.	
Nos.	100	102	101	103
Color	Black	Yellow	Black	Yellow
Per doz.	$0.16	.16	.16	.16
Per 100	$0.80	.80	.80	.80

WEIGHT PER DOZEN, 2 LBS.; PER 100, 16 LBS.

MACHINE WAX.

In One Lb. Balls.

No. 110.
Color Black
Per lb. - - - - - - $0.12

CHAMOIS SKINS.

PER DOZEN

No. 22½—10×13 in., $2.20
No. 23½—12×16 in., 4.00
No. 24¾—15×20 in., 6.50
No. 26—19×25 in., 10.00
No. 27—23×26 in., 14.70
No. 28—28×32 in., - - - - 22.50
No. 29—32×37 in., - - - - 30.00
No. 30—34×40 in., - - - - 38.50

ONE KIP (2½ DOZEN) IN A BOX. AVERAGE WEIGHT PER KIP 3 LBS.

SELVYT CLOTH.

Superior to Chamois, as Good as New when Washed.

PER DOZEN

No. A—10½×10½ in., $2.40
No. B—14 ×14 in., 4.50
No. C—17½×14 in., 5.50
No. D—20 ×17½ in., 6.50
No. E—21 ×20 in., 8.00
No. F—28 ×28 in., 16.00

HALF DOZEN IN A PACKAGE. TWO DOZEN IN A BOX. AVERAGE WEIGHT PER DOZEN 1½ LBS.

SPONGES.

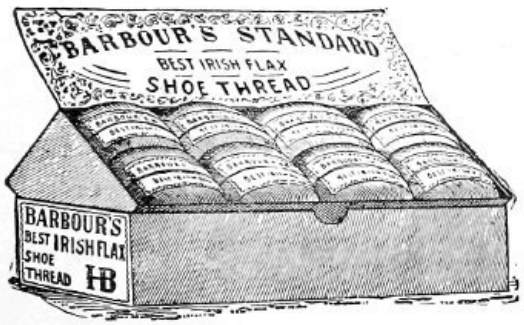
Thoroughly Washed.

PER POUND

No. 20—Best Cuban sheepswool, 6 to 10 lbs., in 5 lb. bale, - - - - - $4.50
No. 30—Best Cuban grass, 6 to 10 lbs., in 5 lb. bale - - - - - - 1.30

Very strong, soft, and free from grit.

THREAD.



For Hand Sewing, Half Bleached.

No. 500—(10) CYCLONE, 1 oz. balls only, - per pound $1.00
No. 502—(10) CUPID, 1 oz. balls only, - " 1.20
No. 506—(10) AMERICAN, 1 oz. balls, - - " 1.30
No. 507—(10) AMERICAN, 2 oz. balls, - - " 1.30
No. 510—(10) BARBOUR'S STANDARD, 1 oz. balls, " 1.90
No. 511—(10) BARBOUR'S STANDARD, 2 oz. balls, " 1.90
No. 512—(3) BARBOUR'S STANDARD, 2 oz. balls only, " 2.20
No. 513—(12) BARBOUR'S STANDARD, 1 oz. balls, " 2.80
No. 514—(12) BARBOUR'S STANDARD, 2 oz. balls, " 2.80

Factory numbers are given in parentheses.

ONE POUND IN A BOX.

Dark Blue.

No. 520—(10) BARBOUR'S STANDARD, 2 oz. balls only, per pound, - - - - - - - - - - $2.20
No. 522—(3) BARBOUR'S STANDARD, 2 oz. balls only, per pound, - - - - - - - - - 2.50
No. 524—(12) BARBOUR'S STANDARD, 1 oz. balls, per pound 3.00
No. 525—(12) BARBOUR'S STANDARD, 2 oz. balls, " 3.00

Factory numbers are given in parentheses.

ONE POUND IN A BOX.

Yellow.

No. 530—(12) BARBOUR'S STANDARD, 1 oz. balls only, per pound, - - - - - - - - - - $3.00

Factory numbers are given in parentheses.

ONE POUND IN A BOX.

Saddlers'

No. 535—BARBOUR'S, 3 cord orange, 4 oz. balls only, per pound, - - - - - - - - - - $2.00

TWO POUNDS IN A BOX.

Andover Machine.

No. 163—(16) 3 cord gray, 6 lbs. in package, - per pound $1.20
No. 164—(16) 4 cord gray, 6 lbs. in package, - " 1.20
No. 165—(16) 5 cord gray, 6 lbs. in package, - " 1.20
No. 166—(16) 6 cord gray, 6 lbs. in package, - " 1.20

Factory numbers are given in parentheses.

Linen Machine.

No. 18W—BARBOUR'S, white brown, 3 cord, 2 oz. spools, per spool, - - - - - - - - - - $0 30
No. 25W—BARBOUR'S, white brown, 3 cord, 2 oz. spools, per spool, - - - - - - - - - - .34
No. 35W—BARBOUR'S, white brown, 3 cord, 2 oz. spools, per spool, - - - - - - - - - - .44
No. 18B—BARBOUR'S, dark blue, 3 cord, 2 oz. spools, per spool .30
No. 25B—BARBOUR'S, dark blue, 3 cord, 2 oz. spools, " .34
No. 35B—BARBOUR'S, dark blue, 3 cord, 2 oz. spools, " .44
No. 250—BARBOUR'S, orange, 3 cord, 2 oz. spools, " .34
No. 350—BARBOUR'S, orange, 3 cord, 2 oz. spools, " .44

EIGHT SPOOLS IN A BOX.

Green Label Landis Lock Stitch.

No. 3G—3 cord gray, 6 lbs. in package, - per pound $1.90
No. 4G—4 cord gray, 6 lbs. in package, - " 1.90
No. 5G—5 cord gray, 6 lbs. in package, - " 1.90
No. 6G—6 cord gray, 6 lbs. in package, - " 1.90
No. 7G—7 cord gray, 6 lbs. in package, - " 1.90
No. 8G—8 cord gray, 6 lbs. in package, - " 1.90
No. 9G—9 cord gray, 6 lbs. in package, - " 1.90
No. 3B—3 cord black, 6 lbs. in package, - " 1.90
No. 4B—4 cord black, 6 lbs. in package, - " 1.90
No. 5B—5 cord black, 6 lbs. in package, - " 1.90
No. 6B—6 cord black, 6 lbs. in package, - " 1.90
No. 7B—7 cord black, 6 lbs. in package, - " 1.90
No. 8B—8 cord black, 6 lbs. in package, - " 1.90
No. 9B—9 cord black, 6 lbs. in package, " 1.90

BUGGY WHIP ASSORTMENTS.

No. 150—Assortment consisting of 29 buggy whips of 10 different stock patterns ranging in retail value from 10 cents to $1.35 each, and including 12 in. whip rack with places for 10 whips, shipping w't 19 lbs.

6	only No. 50, buggy, 5½ ft., rattan, assorted colors,	$0.60
3	only No. 51, buggy, 6 ft., rattan, assorted colors,	.45
3	only No. 52, buggy, 6 ft., rattan, black, nickel plated head,	.60
3	only No. 54, buggy, 6 ft., rattan, black,	.60
3	only No. 60, buggy, 6 ft., rattan, black,	.75
3	only No. 62, buggy, 6 ft., rattan, black, gilt head and ferrule,	.90
2	only No. 64, buggy, 6 ft., one piece rattan, assorted colors,	.70
2	only No. 68, buggy, 6 ft., stocked Java, black, loaded butt, rubber cushioned cap, 2 chased ferrules,	1.00
3	only No. 78, buggy, 6 ft., rawhide center entire length, black,	2.10
1	only No. 84, 6 ft., best quality rawhide center entire length, black, double thread cover,	1.35
29		Total $9.05

No. 250—Assortment consisting of 52 buggy whips of 14 different stock patterns ranging in retail value from 10 cents to $1.50 each, and including 18 in. whip racks with places for 14 whips, shipping w't 28½ lbs.

12	only No. 50, buggy, 5½ ft., rattan, assorted colors,	$1.20
6	only No. 51, buggy, 6 ft., rattan, assorted colors,	.90
3	only No. 52, buggy, 6 ft., rattan, black, nickel plated head,	.60
3	only No. 54, buggy, 6 ft., rattan, black,	.60
3	only No. 58, buggy, 6 ft., rattan, imitation gut, thread cover, polished hickory handle,	.75
3	only No. 62, buggy, 6 ft., rattan, black, gilt head and ferrule,	.90
3	only No. 64, buggy, 6 ft., one piece rattan, assorted colors,	1.05
3	only No. 66, buggy, 6 ft., best quality rattan, black, loaded butt, rubber cushioned caps,	1.35
3	only No. 68, buggy, 6 ft., stocked Java, black, loaded butt,	1.50
6	only No. 78, buggy, 6 ft., rawhide center entire length, black,	4.20
3	only No. 87, buggy, 6½ ft., rawhide center half length, black, 1¾ in. nickel plated head, ten ¾ in. nickel plated ferrules,	3.00
2	only No. 92, buggy, 6½ ft., best quality rawhide center half length, black, 2⅝ in. chased nickel plated head, 7 fancy nickel plated ferrules,	2.50
1	only No. 100, buggy, 6½ ft., whalebone center one-third length, buckskin lined, black, rubber cap,	1.15
1	only No. 104, buggy, 6 ft., whalebone center half length, buckskin lined, black, rubber cap,	1.50
52		Total $21.20

No. 350—Assortment consisting of 70 buggy whips of 22 different stock patterns, ranging in retail value from 10 cents to $2.25 each, and including circular whip rack with places for 60 whips, shipping w't 36 lbs.

12	only No. 50, buggy, 5½ ft., rattan, assorted colors,	$1.20
6	only No. 51, buggy, 6 ft., rattan, assorted colors,	.90
3	only No. 52, buggy, 6 ft., rattan, black, nickel plated head,	.60
3	only No. 54, buggy, 6 ft., rattan, black,	.60
3	only No. 56, buggy, 6 ft., rattan, assorted colors, nickel plated head and ferrule,	.60
3	only No. 58, buggy, 6 ft., rattan, imitation gut thread cover, polished hickory handle,	.75
3	only No. 60, 6 ft., rattan, black, chased nickel plated head and ferrule,	.75
3	only No. 62, buggy, 6 ft., rattan, black, gilt head and ferrule,	.90
3	only No. 64, buggy, one piece rattan, assorted colors,	1.05
3	only No. 66, buggy, 6 ft., best quality rattan, black, loaded butt, rubber cushioned cap,	1.35
2	only No. 68, buggy, 6 ft., stocked Java, black, loaded butt, rubber cushioned cap, 2 chased ferrules,	1.00
1	only No. 70, buggy, 6 ft., stocked Java, wine color, loaded butt, rubber cushioned cap, 2 chased ferrules,	.50
3	only No. 72, buggy, 6 ft., best quality stocked Java, black, buckskin lined, rubber cap,	2.10
1	only No. 76, buggy, 6 ft., stocked Java, assorted colors, fancy celluloid handle, rubber cushioned cap,	.70
6	only No. 78, buggy, 6 ft., rawhide center entire length, black,	4.50
3	only No. 82, buggy, 6 ft., rawhide center entire length, black, loaded butt,	2.25
3	only No. 84, buggy, 6 ft., best quality rawhide center entire length, black, double thread cover,	2.40
3	only No. 86, buggy, 6 ft., rawhide center half length, black, russet leather handle, rubber cap,	2.25
3	only No. 87, buggy, 6½ ft., rawhide center half length, black, 1¾ in. nickel plated head, ten ¾ in. nickel plated ferrules,	3.00
1	only No. 92, buggy, 6½ ft., best quality rawhide center half length, black, 2⅝ in. chased nickel plated head, 7 fancy nickel plated ferrules,	1.20
1	only No. 94, buggy, 6 ft., best quality rawhide center seven-eighths length, black, wire and thread undercover, rubber cap, 2 long buttons,	1.15
1	only No. 106, buggy, 6 ft., whalebone center half length, black, lizard skin leather handle, rubber cap, chased gold ferrule,	2.25
70		Total $32.00

BUGGY WHIPS.

No. 50—5½ ft., rattan, plain thread cover, no button or cap, assorted black, wine color and amber, loop snap, - - per dozen $2.00
No. 51—6 ft., otherwise same as No. 50, - - - - - - - - - - - - - - - - " 2.40

No. 52—6 ft., rattan, black thread cover, smooth finish, ⅝ in. chased nickel plated head, loop snap, - - - - per dozen $2.60

No. 54—6 ft., rattan, black thread cover, rubber cap, two ¾ in. buttons, Boston snap, - - - - - - - per dozen $3.20

No. 56—6 ft., rattan, assorted black and wine colored thread cover, good finish, ⅝ in. chased nickel plated head, one ¾ in. chased nickel plated ferrule, loop snap, - - - - - - - - - - - - - - - - - - per dozen $3.20

No. 58—6 ft., rattan, imitation gut (yellow) thread cover, smooth finish, polished hickory handle, two ¾ in. buttons, Boston snap, per dozen, - $3.40

No. 60—6 ft., rattan, black thread cover, 1 in. chased nickel plated head, one 1½ in. chased nickel plated ferrule, Boston snap, per dozen, - $3.90

No. 62—6 ft., rattan, black thread cover, fine, 1 in. chased gilt head, one 2¼ in. chased gilt ferrule, with black center, Boston snap, per dozen, - $4.20

No. 64—6 ft., one piece rattan through whip, assorted black and wine colored thread cover, japanned cap, 2 black chased buttons, Boston snap, - per dozen $4.70

No. 66—6 ft., best quality rattan, black thread cover, loaded butt, japanned rubber cushioned cap, two 1½ in. chased buttons, Boston snap, - per dozen $5.70

ONE-QUARTER DOZEN IN A BUNDLE. AVERAGE WEIGHT 3¼ LBS. PER DOZEN.

BUGGY WHIPS.

No. 68—6 ft., stocked Java, black thread cover, loaded butt, in chased nickel head and 1½ in. chased nickel ferrule, Boston snap, per dozen, - - -

BUGGY WHIPS.

No. 92—6½ ft., best quality rawhide center half length of whip, black thread cover, 2⅝ in. chased nickel plated head, one 2¼ in. and six ¾ in. chased nickel plated ferrules, smooth finish, Philadelphia snap, - - - - - - - - - - per dozen $17.30

No. 94—6 ft., best quality rawhide center seven-eighths length of whip, black thread cover, wire and thread under-cover, rubber cap, 2 long buttons, Philadelphia snap, very heavy, - - - - - - - - - - - - - - - - per dozen $14.50

No. 96—6 ft., extra quality rawhide center half length of whip, black thread cover with a vulcanized India rubber lining the entire length of whip, making it perfectly waterproof, will not warp or get out of shape, rubber cap, 2 black buttons, Philadelphia snap, per dozen, - $18.00

No. 98—6½ ft., wine color, otherwise same as No. 96, - - - - - - - - - - - - - - - per dozen 19.50

No. 99—6½ ft., extra quality rawhide center half length of whip, black thread cover with a vulcanized India rubber lining the entire length of whip, making it perfectly waterproof, will not warp or get out of shape, rubber cushion caps, fancy head button, fifteen ¾ in. nickel plated ferrules, Boston snap, - - - - - - - - - - - - - - - - per dozen $28.00

No. 100—6½ ft., whalebone center one-third length of whip, buckskin lined, black thread cover, smooth finish, rubber cap, 2 buttons, Boston snap, - per dozen $17.50

No. 104—6 ft., whalebone center half length of whip, buckskin lined, black thread cover, smooth finish, rubber cap, half silk snap, per dozen, - $17.80

No. 106—6 ft., whalebone center half length of whip, black thread cover, lizard skin leather handle, black head button, rubber cap, 1½ in. chased gold ferrule, Philadelphia half silk snap, - - - - - - - - - - - - - - per dozen $31.00

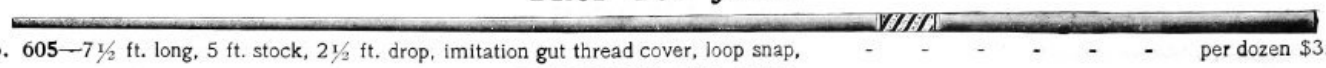
No. 110—6½ ft., best quality whalebone center two-thirds length of whip, black thread cover, with waterproof under-cover, rubber cap, 3 buttons, half silk snap, - per dozen $37.00

No. 112—6½ ft., whalebone center running from snap to handle or second button without splice, black thread cover, waterproof under-cover, japanned cap, 3 buttons, fine finish, half silk snap, - per dozen $38.00

ONE-QUARTER DOZEN IN A BUNDLE. AVERAGE WEIGHT 6½ LBS. PER DOZEN.

WHIPS.

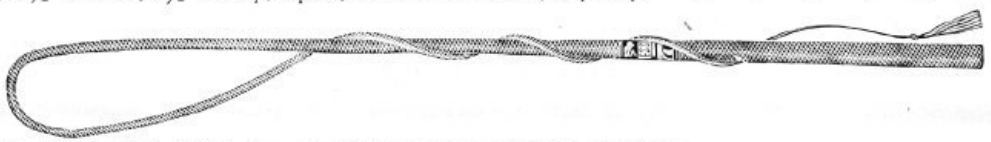
DROP TOP JAVA.



No. 605—7½ ft. long, 5 ft. stock, 2½ ft. drop, imitation gut thread cover, loop snap, - - - - - - per dozen $3.20

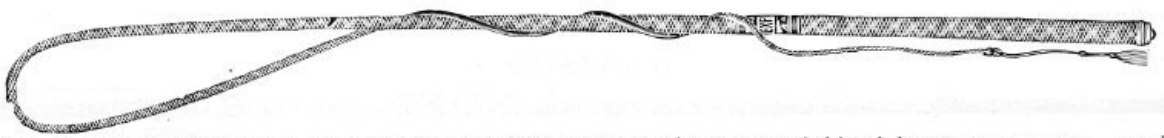
EXPRESS OR CAB.

No. 610—5 ft. long, 2½ ft. stock, 2½ ft. drop, 4 plait, mixed thread cover, loop snap, - - - - - - per dozen $1.30

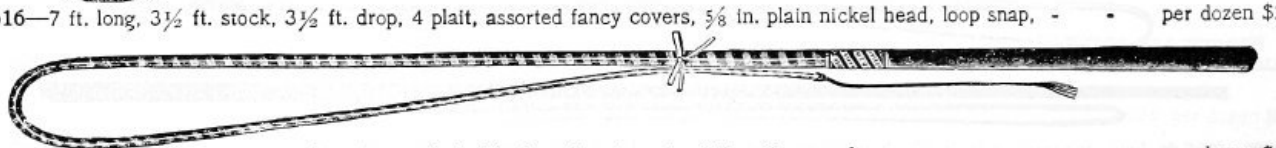


No. 612—5¼ ft. long, 2¾ ft. stock, 2½ ft. drop, 4 plait, fancy cover, nail end, loop snap, - - - - per dozen **$1.60**

No. 614—6¼ ft. long, 2¾ ft. stock, 3½ ft. drop, 4 plait, fancy cover (assorted colors in each package), ⅝ in. plain nickel head, loop snap, - per dozen $1.80



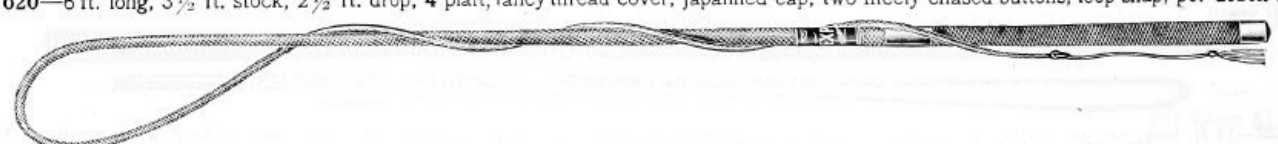
No. 616—7 ft. long, 3½ ft. stock, 3½ ft. drop, 4 plait, assorted fancy covers, ⅝ in. plain nickel head, loop snap, - - per dozen $2.20



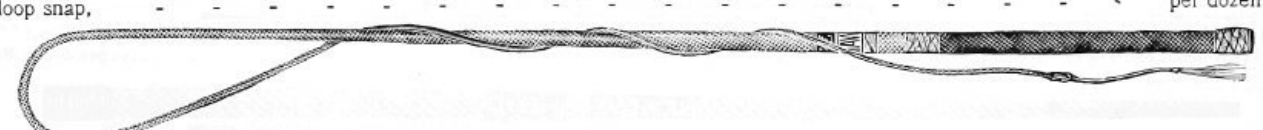
No. 608—6 ft. long, 3½ ft. stock, 2½ ft. drop, polished hickory handle, mixed thread cover, loop snap, - - - per dozen $2.50

No. 618—7 ft. long, 3½ ft. stock, 3½ ft. drop, 4 plait, imitation gut cover, ⅝ in. nickel chased head, loop snap, - - per dozen $3.00

No. 620—6 ft. long, 3½ ft. stock, 2½ ft. drop, 4 plait, fancy thread cover, japanned cap, two nicely chased buttons, loop snap, per dozen $3.50



No. 622—7 ft. long, 3½ ft. stock, 3½ ft. drop, 4 plait, thread cover, black handle, 1 in. plain nickel head, 1½ in. plain nickel ferrule, loop snap, - per dozen $4.00



No. 624—7 ft. long, 3½ ft. stock, 3½ ft. drop, 4 plait, light russet threadcover, black handle, japanned cap, two four-stitch light russet hand-made buttons, loop snap, - - - - - - - - - - - - - - - - - - per dozen $4.50

No. 625—7½ ft. long, 3½ ft drop, solid leather *from snap to cap*, russet color thread covered, two combination buttons, japanned cap, loop snap, - per dozen $5.40

ONE QUARTER DOZEN IN A PACKAGE. AVERAGE WEIGHT 6½ LBS. PER DOZEN.

WHIPS.

DROP TOP TEAM.

No. 602—7 ft. long, 4 ft. stocked Java, black thread covered stock, 3 ft. white bow drop, ¾ in. nickel plated head, one 1½ in nickel plated ferrule, loop snap..... per dozen $8.00

No. 600—7 ft. long, 4 ft. stock, rawhide center half length, 3 ft. drop, black thread covered stock, calfskin braided top, nickel plated head, 1 nickel plated ferrule, loaded butt, loop snap..... per dozen $14.00

No. 604—6½ ft. long, 4½ ft. stock, rawhide center half length, 3 ft. drop, sewed russet leather covered stock, calfskin braided top, rubber cap, 2 buttons, loop snap..... per dozen $18.00

DROP TOP COACH.

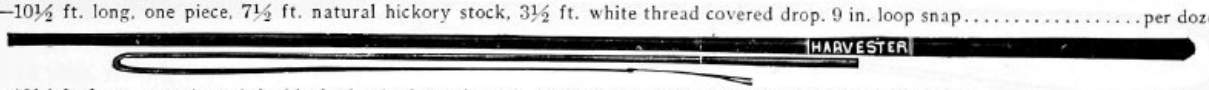
No. 606—8 ft. long, 5 ft. rattan stock, 3 ft. drop, wine color thread cover, 1½ in. nickel plated head, one 1½ in. ferrule.....per dozen $5.30

ENGLISH HOLLIES, FRENCH MALACCAS, AND DOMESTIC OAKS.

We carry a complete line of Dog-Cart, Pony-Cart, Tally-ho and Tandem Hollies and Malaccas, with ivory, celluloid, ebony, pigskin, alligator or calftail handles, with Englished thread or horse hide braided tops.
State price and quality desired and we will select accordingly. Can furnish at prices from $15.00 to $120.00 per dozen.

HARVESTER.

No. 1100—10½ ft. long, one piece, 7½ ft. natural hickory stock, 3½ ft. white thread covered drop, 9 in. loop snap.....per dozen $3.60

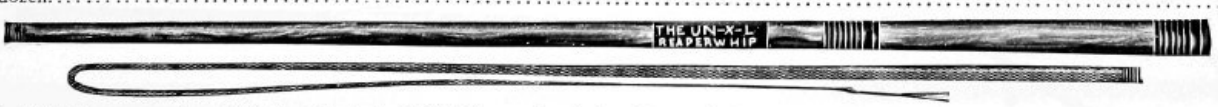


No. 1282—10½ ft. long, one piece, 8 ft. black ebonized wood stock, 2½ ft. black thread covered drop, 9 in. loop snap .....per dozen $4.20

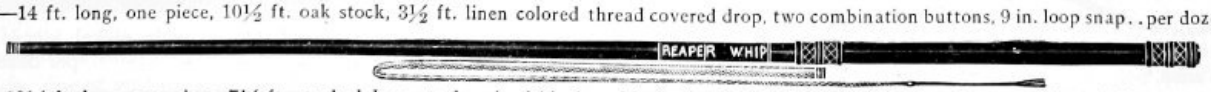
No. 1110—12 ft. long, one piece, 8½ ft. black finished hickory stock, 3½ ft. white thread covered drop, 9 in. loop snap.....per dozen $6.00

No. 1115—12 ft. long, one piece, 8½ ft. hickory stock, 3½ ft. drop, black thread covered full length, well finished, 1 in. plain head, 9 in. loop snap, per dozen..... $6.80

No. 1118—14 ft. long, one piece, 10 ft. hickory stock, 4 ft. drop, black thread covered full length, well finished, 1 in. plain head, 9 in. loop snap, per dozen..... 7.70



No. 1122—14 ft. long, one piece, 10½ ft. oak stock, 3½ ft. linen colored thread covered drop, two combination buttons, 9 in. loop snap..per dozen $8.30



No. 689—10½ ft. long, one piece, 7½ ft. stocked Java stock, mixed black and buff thread covered, 3 ft. white thread covered drop, 1½ in. chased nickeled head, one 1½ in. chased nickeled ferrule, 9 in. loop snap.....per dozen $12.00

No. 1130—12 ft. long, one piece, 8 ft. stock, 4 ft. drop, white and russet thread covered full length, Boston snap, well finished, japanned head, two 1½ in. buttons.....per dozen $13.50

No. 769—10½ ft. long, one piece, best reaper whip made, rawhide center, 7½ ft. stock, black thread covered, 3 ft. white thread covered drop, japanned cap, 2 buttons, 9 in. loop snap.....per dozen $16.90

WHIPS.

RIDING.

No. 821—3 ft. rattan, black thread cover, fancy wound celluloid handle, two white buttons and wrist loop, loop snap, - per dozen $2.00

No. 842—3 ft., solid rawhide, painted assorted colors, plaited handle and snap with loop at end, - - - - - - per dozen $3.50

No. 710—3 ft., rattan, black fancy wound celluloid handle with white celluloid bead, 2 white worked buttons, white wrist strap, Boston snap, - per dozen $3.60

No. 781—3 ft., rattan, black thread cover, 1 in. white bone head, Boston snap, - - - - - - - - per dozen $4.00

No. 860—3 ft., rawhide, plain painted, fancy plaited handle with bullet head, wrist loop and four stitch thumb button, plaited snap, per dozen $4.80

No. 784—3 ft., rawhide through, black thread cover, japanned cap, 2 four stitch white buttons, thread loop, Philadelphia snap, per dozen $7.50

No. 873—3 ft., whalebone, linen color thread cover, six plait fancy handle, rubber cap, 2 four stitch hand-made buttons, half silk English hand snap, - per dozen $9.00

No. 859—3 ft., rawhide, linen color thread cover, alligator or lizard skin handle, japanned rubber cushion cap, 2 four stitch hand buttons, all silk English hand snap, - - - - - - - - - - - - - - - - - - per dozen $11.00

No. 885—3 ft., whalebone through linen color thread cover, 6 in. square carved celluloid handle, 1 in. hand chased gold ferrule, all silk English hand snap, - per dozen $30.00

IMPORTED RIDING, JOCKEY CLUBS, AND CROP STICKS.

A large line of English hunting crops, for ladies and gentlemen, in Malacca, Whangee, Borneo and Partridge sticks, with horn and buck horn heads and sterling silver mounts and trimmings, in rawhide or whalebone with linen or gut covers. State price and quality desired and we will select accordingly. Can furnish at prices from $9.00 to $60.00 per dozen.

QUIRTS.

No. 202—Shot loaded, russet thread plaited double cover, two leather buttons, loop and tail, weight per dozen 7½ lbs., per dozen $6.00

No. 204—Texas, bark oil tanned leather, buck stitched, three buttons and two frills, weight per dozen 5½ lbs., - - per dozen $6.20

No. 206—Iron handle, 4 plait, russet braided leather, two buttons, weight per dozen 7½ lbs., - - - - - per dozen $7.40

No. 208—Texas, shot loaded, latigo tanned leather double cover, buck stitched, two buttons and one frill, w't per doz. 8¼ lbs., per dozen $9.30

No. 210—Shot loaded, 12 plait, latigo leather, three buttons and two frills, weight per dozen 9 lbs., - - - - per dozen $10.40

No. 212—Shot loaded, 12 plait, rawhide, three buttons and two frills, weight per dozen 9 lbs., - - - - - per dozen $11.20

No. 214—Shot loaded, 4 plait, latigo leather, two buttons, weight per dozen 9 lbs., - - - - - - per dozen $12.70

No. 216—Shot loaded, 12 plait, black and white striped, checkered handle, three buttons and two frills, w't per doz. 9 lbs., per dozen $15.60

No. 218—Shot loaded, 8 plait, latigo calfskin, four buttons and two frills, weight per dozen 10½ lbs., - - - per dozen $18.70

No. 220—Shot loaded, 12 plait, fine latigo calfskin, four buttons and two frills, weight per dozen 10½ lbs., - - per dozen $22.70

No. 222—Shot loaded, 16 plait, fine latigo calfskin, three buttons, weight per dozen 9¼ lbs., - - - - - per dozen $25.30

No. 224—Shot loaded, 12 plait, very fine rawhide, 6 inch handle, three buttons, weight per dozen 10½ lbs., - - per dozen $25.30

No. 226—Shot loaded, 16 plait, very fine French calfskin, striped, four buttons and two frills, weight per dozen 10½ lbs., per dozen $26 70

No. 228—Shot loaded, 12 plait, fine buckskin, fancy braided handle, four buttons and two frills, weight per dozen 10½ lbs., per dozen $28.00

WAGON WHIPS.

Bark Tanned Oiled Leather Cover, Buck Stitched, Two Buttons and Leather Loop.

Nos.	700	750	800	850	900
Length,	4	4½	5	5½	6 ft.
Weight per dozen,	7½	8½	10	12	14 lbs.
Per dozen,	$9.80	11.00	12.20	13.40	14.60

QUARTER DOZEN IN A PACKAGE.

MULE SKINNERS.

No. 1005—5½ ft. shot loaded, latigo leather cover, buck stitched, 6 plait braided buck lash, leather loop, weight per dozen 12 lbs., - per dozen $18.00

No. 1010—6 ft. shot loaded, latigo leather cover, buck stitched, 6 plait braided buck lash, braided raised head button, weight per dozen 13½ lbs., - per dozen $22.70

No. 1015—6 ft. bullet loaded, latigo leather cover, buck stitched, heavy twisted buckskin point, 2 in., wire wrapped at raised head button, weight per dozen 18 lbs., - per dozen $30.70

No. 1020—6 ft. shot loaded, latigo leather cover, buck stitched, 8 plait buckskin lash, fine raised head button, weight per dozen 16½ lbs., - per dozen $36.00

DROVER WHIPS.

No. 1050—9 ft. California style, 6 plait latigo leather, revolving wood handle, weight per dozen 12 lbs., - - - - per dozen $14.00

No. 1055—9 ft., California style, 8 plait rawhide, revolving wood handle, lace fastener, weight per dozen 12½ lbs., - per dozen $16.00
No. 1056—10 ft., otherwise same as No. 1055, weight per dozen 13½ lbs., - - - - - - - - - " 17.30
No. 1057—12 ft., otherwise same as No. 1055, weight per dozen 16½ lbs., - - - - - - - - - " 18.70

DROVER WHIPS.

No. 1060—9 ft. Jacksonville, California style, 8 plait bark tanned leather, loaded revolving wood handle, weight per dozen 13½ lbs., - per dozen $20.00

No. 1065—10 ft. Jacksonville, California style, 8 plait latigo tanned leather, revolving wood handle, weight per dozen 13½ lbs., - per dozen $26.20

No. 1070—10 ft. Jacksonville, shot loaded, California style, 8 plait latigo leather, revolving wood handle, weight per dozen 16½ lbs., - per dozen $30.14

No. 1075—10 ft. Australian style, 8 plait latigo leather, patent unbreakable revolving iron handle, and patent 4 lock rawhide loop fastener, weight per dozen 16½ lbs., - - - - - - - - - - - - - - - - - - per dozen $33.30
No. 1076—12 ft. otherwise same as No. 1075, weight per dozen 19½ lbs., - - - - - - - - - - " 37.30

No. 1080—10 ft. shot loaded, 8 plait latigo leather, reinforced 12 in. with white calf leather, patent unbreakable revolving iron handle, 4 leather covers over shot and cannot break down, weight per dozen 18¾ lbs., - - - - - - - - per dozen $37.30
No. 1081—12 ft. otherwise same as No. 1080, weight per dozen 22½ lbs., - - - - - - - - - - " 42.00

No. 1085—10 ft. shot loaded, California style, extra fine 12 plait latigo leather, patent unbreakable revolving iron handle, lace fastener, weight per dozen 18 lbs., - - - - - - - - - - - - - - - - - - per dozen $48.00
No. 1086—12 ft. otherwise as No. 1085, weight per dozen 21 lbs., - - - - - - - - - - - " 53.30

No. 1090—10 ft. Australian style, shot loaded, 12 plait clarified rawhide, patent unbreakable revolving iron handle, patent 4 lock rawhide loop fastener, weight per dozen 18 lbs., - - - - - - - - - - - - - - - - - - per dozen $58.00
No. 1091—12 ft. otherwise as No. 1090, weight per dozen 21 lbs., - - - - - - - - - - - " 64.00

WEBBING.

Common Cotton Girth, Fancy Stripe.

No. 203—2½ in. wide, 15 yds. in a bolt, - - per bolt $0.68
No. 204—2¾ in. wide, 15 yds. in a bolt, - - " .76

NO. 203, WEIGHT PER BOLT 1½ LBS; NO. 204, 1¾ LBS. PER BOLT.
SOLD IN BOLT LOTS ONLY.

Corded Cotton Girth, Fancy Stripe.

No. 210—10 cord, 15 yds. in a bolt, - - per bolt $1.30
No. 211—11 cord, 15 yds. in a bolt, - - " 1.40
No. 216—16 cord, 12 yds. in a bolt, - - " 2.12

NO. 210, WEIGHT PER BOLT 2½ LBS.; NO. 211, 2¾ LBS.; NO. 216, 4 LBS.
SOLD IN BOLT LOTS ONLY.

English Cotton Girth, Solid Colors.

No. 300—3½ in. wide, white, 15 yds. in a bolt, - per bolt $2.10
No. 301—4 in. wide, white, 12 yds. in a bolt, - " 2.10
No. 305—3½ in. wide, fawn, 15 yds. in a bolt, - " 2.10
No. 306—4 in. wide, fawn, 12 yds. in a bolt, - " 2.10
No. 310—3½ in. wide, red, 15 yds. in a bolt, - " 2.10

WEIGHT PER BOLT 2½ LBS. SOLD IN BOLT LOTS ONLY.

Cadet Girth, Fancy Weave.

No. 320—2 in. wide, white, 15 yds. in a bolt, - per bolt $1.60
No. 321—2½ in. wide, white, 15 yds. in a bolt, - " 1.90

NO. 320, WEIGHT PER BOLT 1½ LBS.; NO. 321, 2 LBS.

Fine Medium Worsted Girth.

No. 350—2½ in. wide, white, 15 yds. in a bolt, - per bolt $3.50
No. 351—3¼ in. wide, white, 15 yds. in a bolt, - " 4.30

NO. 350, WEIGHT PER BOLT 2 LBS.; NO. 351, 2½ LBS.

Extra Worsted Girth.

No. 360—3¼ in. wide, white, 15 yds. in a bolt, - per bolt $7.80
No. 361—4 in. wide, white, 12 yds. in a bolt, - " 7.80
No. 365—3¼ in. wide, fawn, 15 yds. in a bolt, - " 7.80
No. 366—4 in. wide, fawn, 12 yds. in a bolt, - " 7.80

WEIGHT PER BOLT 3 LBS.

Extra Worsted Race Girth.

No. 370—2 in. wide, white, 15 yds. in a bolt, - per bolt $4.50

WEIGHT PER BOLT 2 LBS.

Cotton Halter, Solid Color.

No. 380—12 cord, light, 30 yds. in a bolt, - per bolt $2.00
No. 381—13 cord, heavy, 30 yds. in a bolt, - " 2.70

NO. 380, WEIGHT PER BOLT 3 LBS.; NO. 381, 5 LBS.

Cotton Rein, Assorted Colors.

No. 385—5 cord, 15 yds. in a bolt, - - - per bolt $0.64
No. 386—6 cord, 15 yds. in a bolt, - - - " .70
No. 387—7 cord, 15 yds. in a bolt, - - - " .84

NO. 385, WEIGHT PER BOLT 1¼ LBS.; NO. 386, 1½ LBS.; NO. 387, 1¾ LBS.
SOLD IN BOLT LOTS ONLY.

WHITE BACK BAND.

Light (Factory No. 2).

Nos.	23	23½	24	123½	124
Width,	3	3½	4	3½	4 in.
Feet in bolt,	50	50	50	100	100
Weight per bolt,	2¼	2½	3	5	6 lbs.
Per bolt,	$1.12	1.26	1.46	2.50	2.90

Heavy (Factory No. 1).

Nos.	13½	14	113½	114
Width,	3½	4	3½	4 in.
Feet in bolt,	50	50	100	100
Weight per bolt,	3½	4	7	8 lbs.
Per bolt,	$1.56	1.86	3.10	3.70

Extra Heavy (Factory No. 0).

Nos.	03½	04	103½	104
Width,	3½	4	3½	4 in.
Feet in bolt,	50	50	100	100
Weight per bolt,	5	6	10	12 lbs.
Per bolt,	$2 30	2.70	4.60	5.40

FURNISHED IN BOLT LOTS ONLY.

WEB TRUNK STRAPS.

No. 7—1½ in. wide, 7 ft. long, weight 8 lbs., per dozen $4.40
No. 8—1½ in. wide, 8 ft. long, weight 9 lbs., " 4.70
No. 9—1½ in. wide, 9 ft. long, weight 10 lbs., " 5.00
No. 10—1½ in. wide, 10 ft. long, weight 11 lbs., " 5.30

ENAMELED CLOTH.

Leather Grained.

No. 800 —Muslin, white back, 45 in. wide, - per lineal yard $0.34
No. 802 —Drill, white back, 50 in. wide, - " " .46
No. 804B—Drill, blue back, 48 in. wide, - " " .58
No. 806G—Drill, green back, 48 in. wide, - " " .58
No. 810 —Duck, white back, 50 in wide, - " " .56
No. 812B—Duck, blue back, 50 in. wide, - " " .68
No. 814G—Duck, green back, 50 in. wide, - " " .68

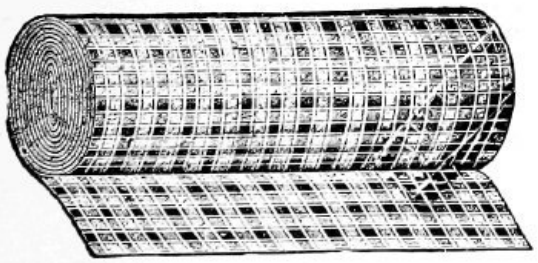
12 YARDS IN A BOLT.

RUBBER CLOTH.

Leather Grained.

No. 824 —24 oz. rubber drill, white back, 50 in. wide, per lineal yard, - - - - - - - - $0.66
No. 826 —26 oz. rubber drill, white back, 50 in. wide, per lineal yard, - - - - - - - - .68
No. 828 —28 oz. rubber drill, white back, 50 in. wide, per lineal yard, - - - - - - - - .72
No. 826B—26 oz. rubber drill, blue back, 50 in. wide, per lineal yard, - - - - - - - - .86
No. 826G—26 oz. rubber drill, green back, 50 in. wide, per lineal yard, - - - - - - - - .86
No. 930 —30 oz. rubber duck, white back, 50 in. wide, per lineal yard, - - - - - - - - .82
No. 934 —34 oz. rubber duck, white back, 50 in. wide, per lineal yard, - - - - - - - - .90

KERSEY.



Collar or Express Saddle.

No. 23—Gray ground, blue check, 40 in. wide, per lineal yard $1.50
No. 24—Black ground, red check, 40 in. wide, " " 1.80
No. 15—White ground, blue check, 40 in. wide, " " 2.10
No. PA—Plain blue, - - - - - " " 2.70
No. E1½—English pattern, brown ground, lemon and red check, 40 in. wide, - - - - - per lineal yard, 3.00

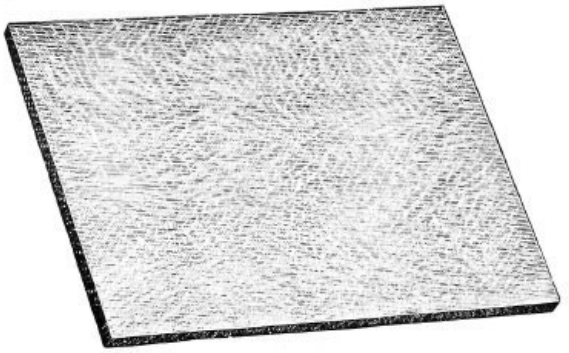
RATTAN SADDLE REEDS.

No. 6—Small, 48 in. long, - - - - per dozen $0.24
No. 7—Medium, 48 in. long, - - - " .30
No. 8—Large, 48 in. long, - - - - " .36

ROBE LINING.

No. 60—Good quality green plush, 60 in. wide, per lineal yard **$2.00**

SHEET FELT.



No. 25—Common gray, 21×36 in., 1 in. thick, - per sheet $1.30
No. 30—Good quality gray, 21×36 in., ¾ in. thick, " 2.50
No. 35—Orange wool, 21×36 in., ¾ in. thick, - " 3.00

WOOL SHEEP SKINS.

No. 1—Yellow wool, bark tanned, - - - - each $2.50

DEER SKINS.

No. 5—Well haired, 10 to 12 feet per skin, - - each $6.50

GOAT HAIR..

No. 10—Twice pickered, - - - - - per lb. $0.16

DEER HAIR.

No. 15—Long shaved, - - - - - per lb. $0.54

CRUPPER DOCKS.

Nos. 500 to 530. No. 540.

Round, Stuffed.

No. 500—Light buggy, - - per dozen $1.80
No. 505—Medium size buggy, - - - " 2.50
No. 510—Large size buggy, - - - " 3.00
No. 515—Express size, - - - - " 4.20
No. 525—Surrey size, - - - - " 10.80
No. 530—Coach size, - - - - " 15.40

Folded.

No. 540—Folded team, ¾ in., XC roller buckles sewed on, per dozen, - - - - - - - - 3.70

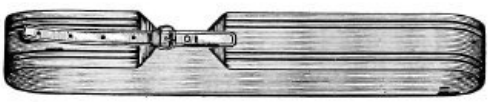
HALF DOZEN IN A BOX.

SURCINGLES AND GIRTHS.

COTTON WEB SURCINGLES.

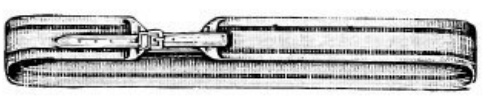
Plain.

No. 21—2½ in. fancy cotton, 7 ft. long, 1 in., billets, w't per doz. 4 lbs., - - - - per dozen $2.50
No. 25—4 in., fancy cotton, 7 ft. long, 1⅜ in. billets, w't per doz. 8 lbs., - - - - per dozen 4.00



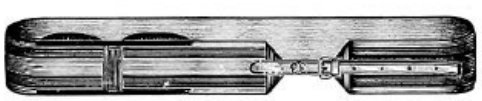
Plain.

No. 10—16 cord, fancy cotton, 7 ft. long, 1⅜ in. billets, w't per doz. 12 lbs., - - - per dozen $6.50
No. 12—16 cord, fancy cotton, 7½ ft. long, 1⅜ in. billets, w't per doz. 14 lbs., - - - per dozen 7.00



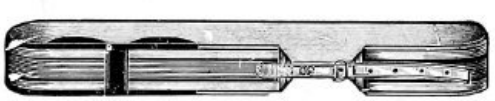
Plain.

No. 113—3 in. white back banding, 7 ft. long, 1 in. billets, w't per doz. 6 lbs., - - per dozen $3.10
No. 114—3½ in. white back banding, 7 ft. long, 1⅜ in. billets, w't per doz. 6½ lbs., - per dozen 4.00
No. 115—3½ in. white back banding, 7½ ft. long, 1⅜ in. billets, w't per doz. 7¼ lbs., - per dozen 4.70



Padded.

No. 30—2¾ in. fancy cotton, 7 ft. long, 1 in. billets, w't per doz. 8 lbs., - - - - per dozen $3.70
No. 33—4 in. fancy cotton, 7 ft. long, 1⅜ in. billets, w't per doz. 12 lbs., - - - - per dozen 6.00

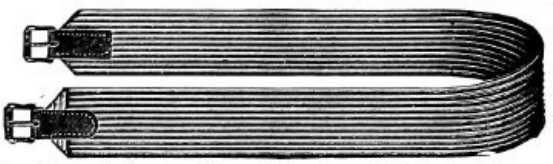


Padded.

No. 73½—16 cord, fancy cotton, 7 ft. long, 1⅜ in. billets, w't per doz. 16 lbs., - - - per dozen $8.80

COTTON WEB BUCKLE GIRTHS.

No. 40—2½ in. fancy cotton, 42 in. long, 1¼ in. buckles, w't per doz. 3½ lbs., - - - per dozen $1.60



No. 46—10 cord, fancy cotton, 42 in. long, 1¼ in. buckles, w't per doz. 4½ lbs., - - - per dozen $2.10
No. 48—11 cord, fancy cotton, 42 in. long, 1¼ in. buckles, w't per doz. 5¼ lbs., - - - per dozen 2.40
No. 50—16 cord, fancy cotton, 42 in. long, 1¼ in. buckles, w't per doz. 7 lbs., - - - per dozen 3.50

COTTON WEB RING GIRTHS.

No. 20—2½ in. fancy cotton, 28 in. long, 2 in. ring, w't per doz. 4 lbs., - - - - - per dozen $1.40

No. 24—10 cord, fancy cotton, 28 in. long, 2 in. ring, w't per doz. 4 lbs., - - - - per dozen $1.90
No. 26—11 cord, fancy cotton, 28 in. long, 2 in. ring, w't per doz. 5 lbs., - - - - - per dozen 2.00
No. 30—16 cord, fancy cotton, 28 in. long, 2 in. ring, w't per doz. 6 lbs., - - - - per dozen 2.50

LARIATS.

BLACK JACK.

$\frac{7}{16}$ in. Diameter, 4 Cord, Brass Egg Shaped Honda.

No. 40—40 ft. long, plain, w't per doz. 35 lbs., - per dozen $19.30
No. 50—50 ft. long, plain, w't per doz. 40 lbs., - " 22.80
No. 140—40 ft. long, oil prepared, w't per doz. 35 lbs., per dozen, - - - - - - - - 22.80
No. 150—50 ft. long, oil prepared, w't per doz. 40 lbs., per dozen, - - - - - - - - 26.30

ONE DOZEN IN A BALE.

Black Jack lariat rope is made from the finest grade of selected manila fibre, which is laid up and twisted very hard, especial care being given to the finish that will insure its running smoothly through the polished brass honda, which is spliced in on one end. The other end of the rope has a Matthew Walker knot and 8 in. tassel.

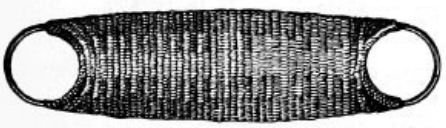
CINCHAS.

COTTON STRING.

White Cotton Texas String, One Fancy Colored Bar.

No. 319—15 strand, 30 in. long, per dozen $2.50
No. 322—20 strand, 30 in. long, " 2.80
No. 326—20 strand, 36 in. long, " 3.70

SOLID COTTON.



Solid Fancy Colored Cotton.

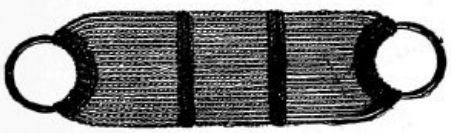
No. 432—5 in. wide, 30 in. long, per dozen $4.50

FISH CORD.

Extra Hard Laid Fish Cord, California Strand, Two Bars across Cincha.

No. 255—58 strand, 30 in. long, per dozen $7.90

CALIFORNIA, COTTON.



California Strand, White Cotton, Extra Hard Hand Laid, Two Colored Bars across Cincha.

No. 242—20 strand, six cord, 30 in. long, per dozen, - - - - - $8.70

SOLID HAIR.

Solid, Soft Gray Hair.

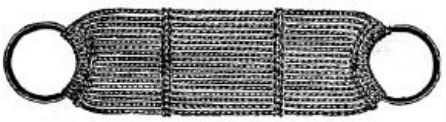
No. 420—5 in. wide, 30 in. long, per dozen $3.20
No. 421—6 in. wide, 30 in. long, " 3.60

MEXICAN STRING.

Soft Gray Hair, Mexican String.

No. 369—5 in. wide, 30 in. long, per dozen $3.20
No. 370—6 in. wide, 30 in. long, " 3.60

CALIFORNIA, HAIR.

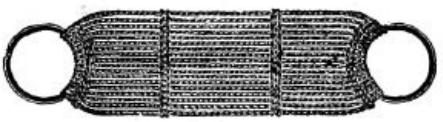


California Strand, Soft Gray Hair, Two Bars across Cincha.

No. 198—16 strand, 30 in. long, per dozen $3.80
No. 200—20 strand, 30 in. long, " 4.10

California Strand, White Angora Hair, Two Bars across Cincha.

No. 180—15 strand, 30 in. long, per dozen $5.00
No. 182—18 strand, 30 in. long, " 5.40
No. 183—20 strand, 30 in. long, " 5.90
No. 184—24 strand, 30 in. long, " 6.80

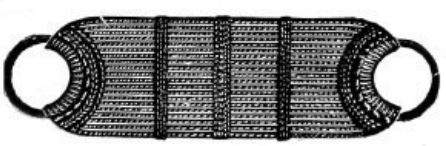


California Strand, Gray Hard Hair, Two Bars across Cincha.

No. 160—16 strand, 4 cord, 30 in. long, per dozen, - - - - - $ 6.80
No. 163—24 strand, 4 cord, 30 in. long, per dozen, - - - - - 10.10

California Strand, White Hard Hair, Two Bars across Cincha.

No. 151—18 strand, 4 cord, 30 in. long, per dozen, - - - - - $7.70
No. 152—20 strand, 4 cord, 30 in. long, per dozen, - - - - - 8.70



California Strand, Soft Gray Hair, Three Bars across Cincha.

No. 98—18 strand, 30 in. long, per dozen $5.90
No. 99—20 strand, 30 in. long, " 6.50

California Strand, White Hard Hair, Three Bars across Cincha.

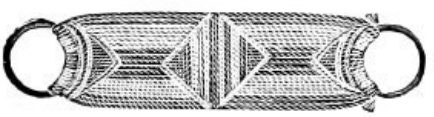
No. 44—20 strand, 4 cord, 30 in. long, per dozen, - - - - - $10.80
No. 45—24 strand, 4 cord, 30 in. long, per dozen, - - - - - 14.20

CALIFORNIA, HAIR.

Nos. 2T and 4T.

California Strand, White Hard Hair, Diamond Center.

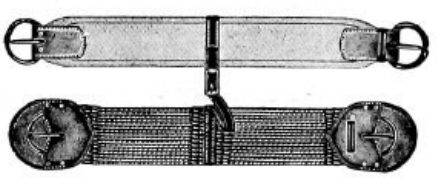
No. 2—20 strand, 6 cord, without tassels, 30 in. long, - - - per dozen $15.90
No. 4—24 strand, 6 cord, without tassels, 30 in. long, - - - per dozen 23.10
No. 2T—20 strand, 6 cord, with tassel, 30 in. long, - - - per dozen 23.40
No. 4T—24 strand, 6 cord, with tassel, 30 in. long, - - - per dozen 30.60



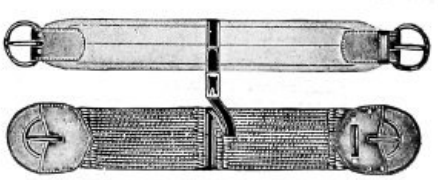
California Strand, Fancy Black and White Hard Hair, Diamond Center.

No. 9—24 strand, 8 cord, 30 in. long, per dozen, - - - - - - $34.20

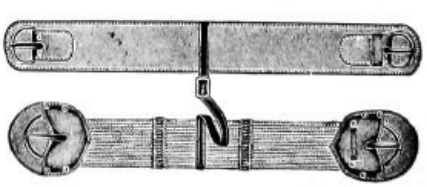
COMBINATION CINCHAS.



No. 540—5 in. Mexican cotton front, 4 in. heavy back band web flank cincha, per dozen, - - - - - $30.00



No. 1840X—18 strand, hard twist California cotton front, heavy 3-ply belting web flank cincha, - - per dozen $38.50



No. 1846—18 strand, hard twist California cotton front, flank cincha, heavy 4-in. back band web covered with latigo, per dozen, - - - - - $49.90

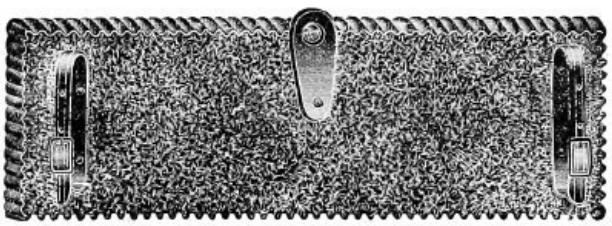
All Cinchas on this page are listed without tongues. If one tongue is wanted, add 16c list, per dozen. If two tongues are wanted, add 30c list, per dozen.

GIG AND COACH HOUSINGS.

Plain Felt, Pinked Edge, Assorted Colors.

No. 100—Standard weight, 4½×14 in., w't per doz. 2½ lbs., per dozen, - - - - - - - - $1.50
No. 103—Heavy weight, 4½×18 in., w't per doz. 2⅞ lbs., per dozen, - - - - - - - - 2.00
No. 105—Extra heavy weight, 4½×18 in., w't per doz. 3 lbs., per dozen, - - - - - - - - 2.30

ONE DOZEN IN A PACKAGE.



Extra Heavy, Good Quality Felt, Pinked Edge.

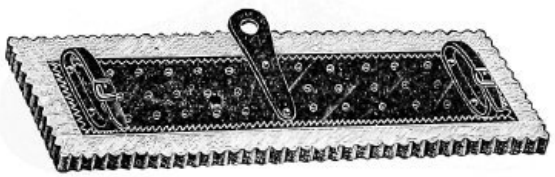
No. 108—4½×16 in., orange colored, w't per doz. 3½ lbs., per dozen, - - - - - - - - $3.50
No. 109—4½×18 in., orange colored, w't per doz. 4 lbs., per dozen, - - - - - - - - 3.50

ONE DOZEN IN A PACKAGE.

Quilted, Black Glazed Top, Old Gold and Blue Drill Bottom, Fancy Colored Felt, Pinked Edge, Assorted Colors.

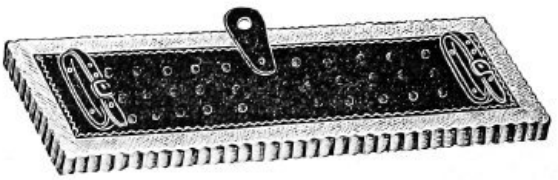
No. 110—4½×14 in., w't per doz. 4 lbs., - per dozen $2.00
No. 112—4½×18 in., w't per doz. 5 lbs., - " 2.30

ONE DOZEN IN A PACKAGE.



No. 114—4½×14 in., light weight felt, pinked edge, assorted colors, patent leather top, perforated, w't per doz. 2¾ lbs., - - - - - - - per dozen $2.40

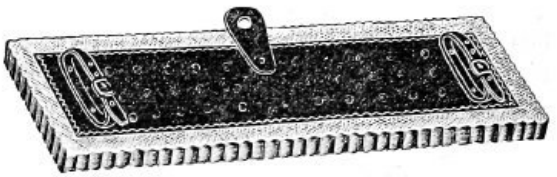
ONE DOZEN IN A PACKAGE.



Fancy Standard Weight Felt, Pinked Edge, Assorted Colors, Patent Leather Top, Perforated.

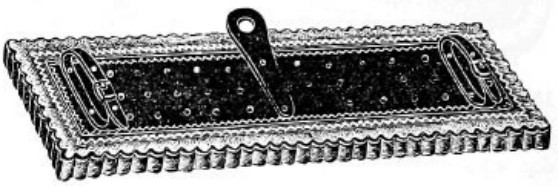
No. 115—4½×14 in., w't per doz. 3 lbs., - per dozen $2.60
No. 116—4½×18 in., w't per doz. 3½ lbs., - " 3.50

ONE DOZEN IN A PACKAGE.



No. 118—4½×18 in., fancy heavy weight felt, pinked edge, assorted colors, patent leather top, perforated, w't per doz. 3¾ lbs., - - - - - per dozen $4.00

ONE DOZEN IN A PACKAGE.



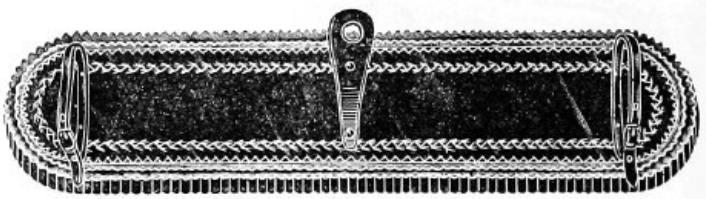
Fancy Heavy Weight Felt in Center, Pinked Edge, Assorted Colors, Fancy Top and Bottom Layers of C. B. Felt, Patent Leather Top, Perforated.

No. 120—4½×14 in., w't per doz. 3¾ lbs., - per dozen $3.50
No. 122—4½×18 in., w't per doz. 4¼ lbs., - " 4.30

ONE DOZEN IN A PACKAGE.

No. 126—4½×18½ in., assorted colors, fancy colored felt top and bottom, pinked edge, embroidery stitch, w't per doz. 3¾ lbs., - - - - - per dozen $4.30

ONE DOZEN IN A PACKAGE.



No. 140—4½×18 in., assorted colors, fancy colored felt underlay, pinked edge, patent leather top, embroidery stitch, w't per doz. 4 lbs., - - - per dozen $7.20

ONE DOZEN IN A PACKAGE.

GIG AND COACH HOUSINGS.

SHAPED.

Fine Dark Blue Boot Felt Bottom, Pinked Edge, Patent Leather Hand Shaped Perforated Top, Edge Beaded with Black Buffing Leather.

No. 145—4½×15 in., w't per doz. 4½ lbs., - per dozen $ 8.50
No. 148—4½×19 in., w't per doz. 5¼ lbs., - " 10.00

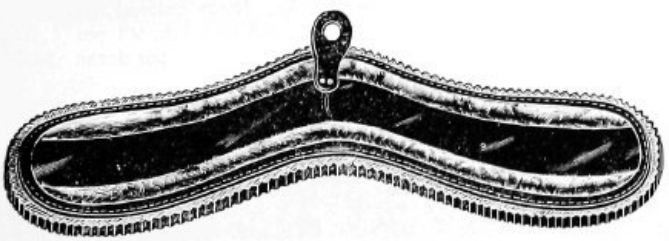
ONE DOZEN IN A BOX.

No. 150—4½×19 in., assorted colors, felt bottom, pinked edge, patent leather shaped perforated top, w't per doz. 4 lbs., - - - - - - per dozen $8.50

ONE DOZEN IN A BOX.

No. 155—4½×19 in., felt bottom, pinked edge, patent leather shaped top, edge beaded with buffing leather, w't per doz. 5½ lbs., - - - - - per dozen $9.40

ONE DOZEN IN A BOX.



Fine Boot Felt Bottom, Pinked Edge, Patent Leather Shaped Top, Assorted Plush Roll.

No. 160—4½×16 in., w't per doz. 4½ lbs., - per dozen $ 8.50
No. 162—4½×19 in., w't per doz. 5 lbs., - " 10.50

ONE DOZEN IN A BOX.

No. 170—4½×18 in., white felt bottom, pinked edge, russet leather fancy stitched top, w't per doz. 5½ lbs., per dozen, - - - - - - - - - $10.00

ONE DOZEN IN A BOX.

No. 173—4½×19 in., felt bottom, pinked edge, patent leather hand shaped top with fancy embroidery stitched edge beaded with buffing leather, w't per doz. 5½ lbs., per dozen, - - - - - - - - $10.50

ONE DOZEN IN A BOX.

No. 175—4½×18 in., fine felt bottom, pinked edge, patent leather top with white leather roll, w't per doz. 6 lbs., per dozen, - - - - - - - - $11.20

ONE DOZEN IN A BOX.

No. 185—4×15 in., rawhide bottom, felt padded, patent leather shaped top, w't per doz. 5½ lbs., per dozen $12.00

ONE DOZEN IN A BOX.

HOUSINGS.

GIG AND COACH.

No. 130—4½×14 in., turn back, two-ply felt, pinked edge, assorted colors, patoline top with beaded edge, w't per doz. 7 lbs., - - - - - - per dozen $5.30

HALF DOZEN IN A PACKAGE.

No. 134—4½×16 in., turn back, three-ply felt, pinked edge, assorted colors, patent leather top with beaded edge, w't per doz. 7½ lbs., - - - - - per dozen $7.20

HALF DOZEN IN A PACKAGE.

No. 136—4½×18 in., double graduated felt, pinked edge, assorted colors, patoline top with beaded edge, w't per doz. 7 lbs., - - - - - - per dozen $7.20

ONE DOZEN IN A PACKAGE.

No. 138—4½×18 in., double graduated felt, pinked edge, assorted colors, patent leather top with beaded edge, fancy embroidery stitch, w't per doz. 7½ lbs., per dozen $10.00

ONE DOZEN IN A PACKAGE.

EXPRESS.

Heavy Asbestos Gray Felt, Pinked and Stitched Edge.

Nos.	301	302	303
Size,	6×20	7×20	8×20 in.
W't per doz.,	7	8	9 lbs.
Per dozen,	$4.00	4.50	5.00

ONE DOZEN IN A PACKAGE.

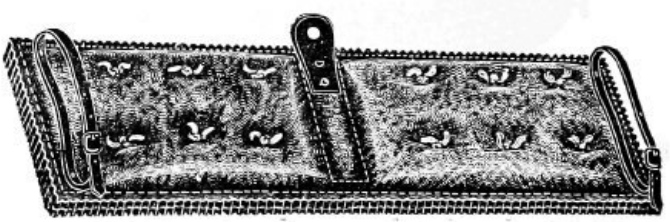
Heavy Orange Felt, Pinked Edge.

Nos.	310	311	312
Size,	6×20	7×20	8×20 in.
W't per doz.,	6	7	8 lbs.
Per dozen,	$5.50	6.20	7.00

ONE DOZEN IN A PACKAGE.

No. 315—6×20 in., heavy asbestos gray felt, pinked edge, patoline top with beaded edge, w't per doz. 9 lbs., per dozen, - - - - - - - - - $7.20

ONE DOZEN IN A PACKAGE.



Felt Top and Bottom, Pinked Edge, Extra Heavy Quilted.

No. 320—7×20 in., w't per doz. 7 lbs., - per dozen $7.20
No. 321—8×20 in., w't per doz. 8 lbs., - " 8.00

ONE DOZEN IN A PACKAGE.

Double Graduated Orange Wool Felt, Pinked Edge.

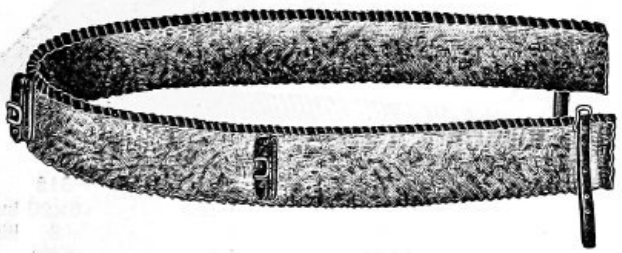
No. 325—6×20 in., w't per doz. 7¾ lbs., - per dozen $8.00
No. 326—7×20 in., w't per doz. 8¾ lbs., - " 9.00

ONE DOZEN IN A PACKAGE.

BREAST COLLAR HOUSINGS.

No. 200—3×36 in., straight, standard weight felt, pinked edge, assorted colors, w't per doz. 3½ lbs., - per dozen $3.20

ONE DOZEN IN A PACKAGE.



No. 205—3×36 in., straight, extra heavy, best quality felt, pinked edge, assorted colors, w't per doz. 4 lbs., per dozen, - - - - - - - - - $4.00

ONE DOZEN IN A PACKAGE.

No. 210—3¼×36 in., straight, quilted, black glazed top, old gold or blue drill bottom, red pinked edge, w't per doz. 6¾ lbs., - - - - - - per dozen $4.50

ONE DOZEN IN A PACKAGE.

No. 215—3×36 in., straight, standard weight felt, pinked edge, assorted colors, patent leather top, perforated, w't per doz. 5¼ lbs., - - - - - per dozen $6.50

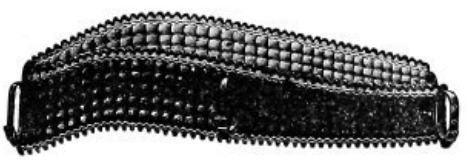
ONE DOZEN IN A PACKAGE.

No. 230—3¼×36 in., straight, heavy felt, pinked edge, patent leather top with black bead, not perforated, w't per doz. 8¼ lbs., - - - - - per dozen $12.00

ONE DOZEN IN A PACKAGE.

No. 260—3¼×36 in., straight, fine boot felt, pinked edge, patent leather top, assorted colors plush roll, w't per doz. 8¼ lbs., - - - - - - - per dozen $15.70

ONE DOZEN IN A PACKAGE.



No. 220—3¼×36 in., curved, quilted, black glazed top, old gold or blue drill bottom, red pinked edge, zig-zag stitched around outer edge, w't per doz. 7 lbs., per dozen, - - - - - - - - - $5.00

ONE DOZEN IN A PACKAGE.

No. 222—3½×36 in., curved, felt bottom, pinked edge, assorted colors, patent leather top, w't per doz. 6¾ lbs., per dozen, - - - - - - - - - $ 8.50

No. 224—4×36 in., w't per doz. 7¼ lbs., otherwise same as No. 222, - - - - - - - per dozen 10.00

ONE DOZEN IN A PACKAGE.

PADS.

TOP COLLAR.

Star Zinc.

Nos.	550	600	650	700
Factory Nos.	5½	6	6½	7
W't per doz.	8	8	9	10½ lbs.
Per dozen	$6.30	6.30	6.30	6.30

Nos.	750	800	850
Factory Nos.	7½	8	8½
W't per doz.	12	13	13½ lbs.
Per dozen	$8.10	8.10	8.10

TWO DOZEN IN A BOX.

Boss Sole Leather, Zinc Lined.

Nos.	32	34	36	38	40
Factory Nos.	2	3	4	5	6
W't per doz.	4½	6	6	7	8 lbs.
Per dozen	$6.90	7.50	8.10	10.00	11.00

Sole Leather With Straps.

Nos.	20	22	24
Factory Nos.	1	2	3
W't per doz.	2½	3	3½ lbs.
Per dozen	$3.50	4.40	4.80

Nos.	26	28	30
Factory Nos.	4	5	6
W't per doz.	4	5	6 lbs.
Per dozen	$5.00	6.30	6.90

Sole Leather Caps, Without Straps.

Nos.	10	12	14	16	18
Factory Nos.	0	1	2	3	4
W't per doz.	1½	2	2½	3	4 lbs.
Per dozen	$1.50	1.90	2.10	2.40	3.10

Deerskin Harness Leather Top, With Straps.

No. 908—6×10 in., w't per doz. 8 lbs., per dozen $10.30

No. 909—7×12 in., w't per doz. 9 lbs., per dozen 13.70

BRIDGE NECK.

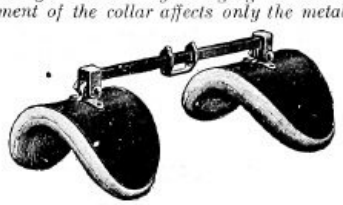
No. 80—CYCLONE, w't per doz. 30 lbs., per dozen $6.00

The padded plate rests on the horses neck, surrounding the sore while the elevated bar holds the collar clear of the afflicted parts.

No. 50—OSCILLATING, size 2, w't per doz. 8½ lbs. ..... per dozen $7.50

No. 60—OSCILLATING, size 3, w't per doz. 10 lbs. ..... per dozen 8.80

The pad is made of the highest grade of sole leather and is so shaped as to adjust itself to the neck, having an open space in the center, thus leaving the afflicted part free. The metal plate is elevated and secured on each side to an under plate permitting the necessary swinging motion. Any movement of the collar affects only the metal top.



No. 70—SUN, w't per doz. 33 lbs., per dozen $13.10

The padded plates at either end of the connecting bar rest on the neck and shoulder of the horse and are so attached to the bar to permit a swinging motion which allows the pads to adjust to any position without interfering with the collar.

No. 90—WABASH, w't per doz. 28 lbs., per dozen $14.40

The advantages of the Wabash are many. It is convenient to put on the horse. Is quickly attached by straps to the hame staples and is left attached to the harness. By using the "Wabash" a sore necked horse can be worked every day.

CART SADDLE.

No. 102—All white drill, composite stuffing, size 19×22 in., w't per doz. 34 lbs., per dozen $7.70

HORSE COLLAR, SWEAT.

Drill, Brown and White, Three Hooks and Four Rows of Quilting.

Nos.	211	212
Sizes	16 to 25	18 to 25 in.
Draft	11	12 in.
W't per doz.	27½	30 lbs.
Per dozen	$4.20	4.50

Old Gold Drill, Four Hooks and Five Rows of Quilting.

No. 411—11 in. draft, sizes 16 to 25 in., w't per doz. 27½ lbs. ..... per dozen $4.40

Plain Red Felt Edges, Old Gold Drill, Four Hooks and Five Rows of Quilting.

Nos.	511	512
Sizes	16 to 25	16 to 25 in.
Draft	11	12 in.
W't per doz.	27½	30 lbs.
Per dozen	$4.70	5.00

Old Gold and White Drill, Three Hooks and Four Rows of Quilting.

No. 114—14 in. draft, sizes 18 to 25 in., w't per doz. 35 lbs. ..... per dozen $5.00

TWO DOZEN IN A SACK.

HORSE COLLAR SWEAT PADS.

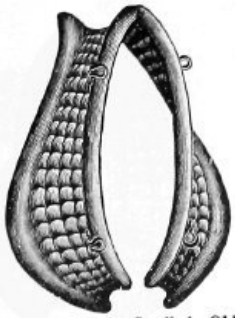
Coach, Felt-Less, Blue Drill, Pinked Blue Felt Edges, Four Hooks and Five Rows of Quilting.
No. 809—9 in. draft, sizes 18 to 25 in., w't per doz. 23 lbs.....per dozen $6.50
TWO DOZEN IN A SACK.

Felt-Less, Old Gold Drill, Pinked Red Felt Edges, Four Hooks and Five Rows of Quilting.

Nos.	911	912
Sizes	16 to 25	18 to 25 in.
Draft	11	12 in.
W't per doz.	27½	30 lbs.
Per dozen	$7.00	7.50

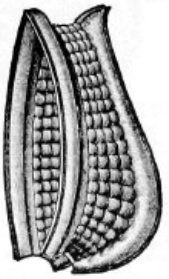
TWO DOZEN IN A SACK.

50 Per Cent Deer Hair Stuffed, Old Gold and White Drill, Four Hooks and Five Rows of Quilting.
No. 1211—11 in. draft, sizes 18 to 25 in., w't per doz. 20 lbs.....per dozen $6.60
TWO DOZEN IN A SACK.



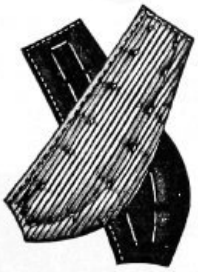
100 Per Cent Deer Hair Stuffed, Old Gold and White Drill, Four Hooks and Five Rows of Quilting.
No. 1312—12-in. draft, sizes 18 to 25 in., w't per doz. 21 lbs.....per dozen $8.90
TWO DOZEN IN A SACK.

100 Per Cent Deer Hair Stuffed, Heavy Blue and White Striped Ticking, Four Hooks and Five Rows of Quilting.
No. 1412—12 in. draft, sizes 18 to 25 in., w't per doz. 22 lbs.....per dozen $12.70
TWO DOZEN IN A SACK.

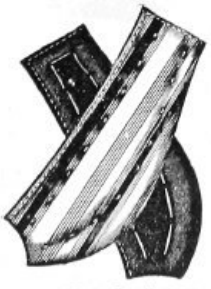


Reversible, Old Gold Drill, No Hooks, Plain Red Felt Edges, Five Rows of Quilting.
No. 2012—12-in. draft, sizes 16 to 24 in., w't per doz. 30 lbs.....per dozen $4.90
TWO DOZEN IN A SACK.

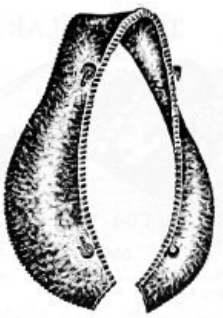
SEW IN.



100 Per Cent Deer Hair Stuffed, Enameled Cloth Back, Tick Facing, Hand Tufted.
No. 2—Medium draft, sizes 20 to 23 in., w't per doz. 12 lbs.....per dozen $8.50
TWO DOZEN IN A SACK.



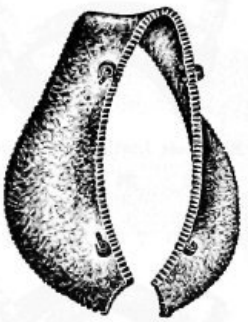
100 Per Cent Deer Hair Stuffed, Enameled Cloth Back, Best Tick Facing, Hand Tufted.
No. 11—Wide draft, sizes 19 to 25 in., w't per doz. 18 lbs.....per dozen $12.20
TWO DOZEN IN A SACK.



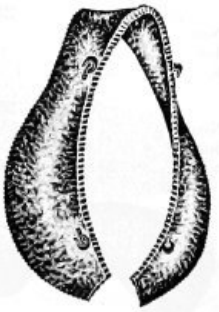
Orange Felt, Four Hooks, Pinked Edges.

Nos.	1509	1510
Sizes	18 to 25	18 to 25 in.
Draft	9	10 in.
W't per doz.	8	10 lbs.
Per dozen	$6.90	7.50

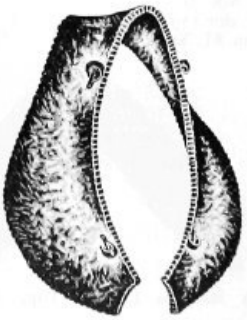
TWO DOZEN IN A SACK.



Heavy Orange Felt, Four Hooks, Pinked Edges.
No. 1710—10 in. draft, sizes 18 to 25 in., w't per doz. 11½ lbs.....per dozen $9.40
TWO DOZEN IN A SACK.

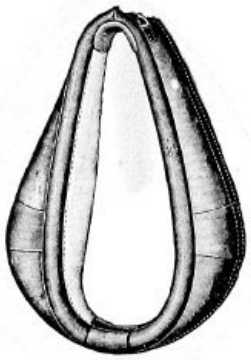


Blue Felt, Four Hooks, Pinked Edges.
No. 2008—8-in. draft, sizes 18 to 25 in., w't per doz. 8½ lbs.....per dozen $8.10
TWO DOZEN IN A SACK.



Heavy Gray Felt, Four Hooks, Pinked Edges.
No. 1910—10-in. draft, sizes 18 to 25 in., w't per doz. 18 lbs.....per dozen $14.00
TWO DOZEN IN A SACK.

HORSE COLLARS.



No. 10—Russet split leather back and rim, duck face, pieced rim, thread sewed, about 14 in. draft, 16 to 22 in., w't per doz. 60 lbs.....per dozen $15.50
23 in..... " 17.40

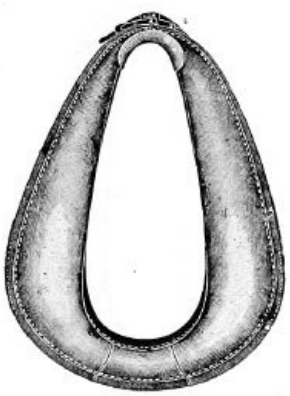
Not made in 24 in.

No. 14—Black split leather back and rim, ticking face, thread sewed, about 14½ in. draft, 16 to 22 in., w't per doz. 70 lbs.....per dozen $18.40
23 in..... " 20.70
24 in..... " 22.00

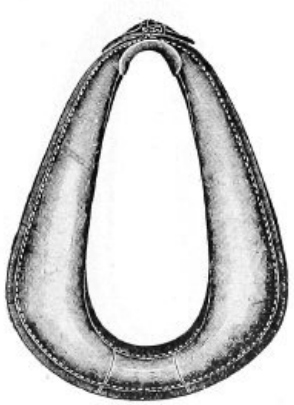
No. 16—Black split leather back and rim, imitation baker cloth face, about 14½ in. draft, 16 to 22 in., w't per doz. 65 lbs.....per dozen $16.80
23 in..... " 18.90
24 in..... " 20.20

ONE DOZEN IN A SACK.

No. 20—Black split leather back and rim, ticking face, outside seam thread sewed, middle seam thong sewed, with Marshall's patent single top fasteners, about 15 in. draft, 16 to 22 in., w't per doz. 72 lbs.....per dozen $21.20
23 in..... " 23.80
24 in..... " 25.40



No. 24—Black split leather back and rim, thong sewed, hogskin face, about 14½ in. draft, 16 to 22 in., w't per doz. 72 lbs.....per dozen $32.80
23 in..... " 36.90
24 in..... " 38.40

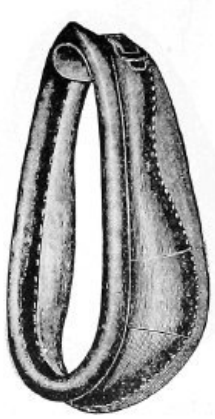


No. 26—Black split leather back and rim, thong sewed, kip face, with Marshall's patent single top fasteners, about 14½ in. draft, 16 to 22 in., w't per doz. 72 lbs.....per dozen $42.10
23 in..... " 47.40
24 in..... " 50.50

ONE DOZEN IN A SACK.

No. 28—Imitation Scotch, kip, thong sewed, about 14 in. draft, 16 to 22 in., w't per doz. 76 lbs.....per dozen $46.20
23 in.....per dozen 52.00
24 in..... " 55.40

No. 30—Imitation Scotch, kip, thong sewed, wool faced, about 14½ in. draft, 16 to 22 in., w't per doz. 80 lbs., per dozen..... $51.30
23 in.....per dozen 57.70
24 in..... " 61.60



No. 33—Half Sweeney, kip, thong sewed, thread sewed outside seam on fenders, wool faced, about 14½ in. draft, 16 to 22 in., w't per doz. 66 lbs. per dozen $48.90
23 in..... " 55.00
24 in..... " 58.70

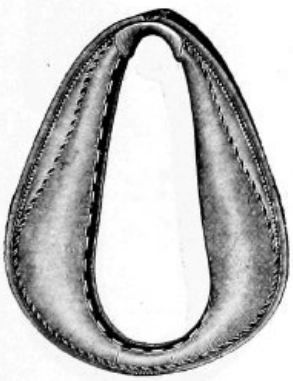
Not furnished with patent collar fasteners or couplers.

ONE DOZEN IN A SACK.

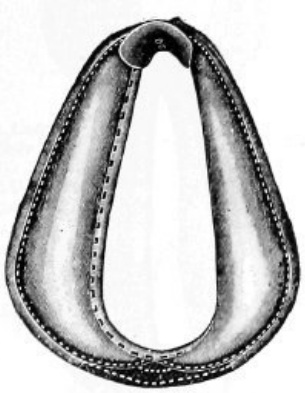
EXTRA CHARGE ON HORSE COLLARS: For Marshall's single or double top fasteners, add 80 cents per dozen to list. For Cooper's patent couplers, add $4.00 per dozen to list.

HORSE COLLARS.

No. 34—Imitation Scotch, kip, full back, thong sewed, wool faced, about 15 in. draft, 16 to 22 in., w't per doz. 90 lbs., per dozen..... $56.10
23 in.....per dozen 63.10
24 in..... " 67.30



No. 44—Half Sweeney, kip, thong sewed, wool faced, about 15 in. draft, 16 to 22 in., w't per doz. 84 lbs..per dozen $55.20
23 in..... " 60.10
24 in..... " 66.20



All Fair Leather, Throatless.

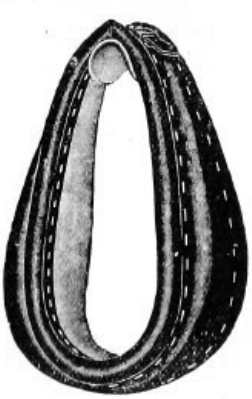
No. 039—Imitation Scotch, kip, full back and rim, thong sewed, middle seam extra wide, wool faced, about 16 in. draft, 16 to 22 in., w't per doz. 96 lbs., per dozen..... $65.30
23 in.....per dozen 73.50
24 in..... " 78.40

Not furnished with patent collrr fasteners or couplers.

ONE DOZEN IN A SACK.

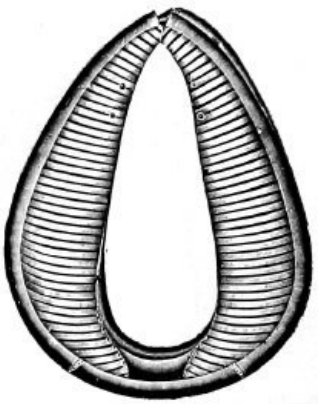
No. 50—Concord, wool faced, kip back and rim, neat's leather face, about 15 in. draft, 16 to 22 in., w't per doz. 90 lbs.....per dozen $57.20
23 in..... " 64.40
24 in..... " 68.70

No. 56—"Boston Team" case, kip, wool faced, double or single capped, about 16 in. draft, 18 to 22 in., w't per doz. 110 lbs.....per dozen $75.40
23 in..... " 84.80
24 in..... " 90.50

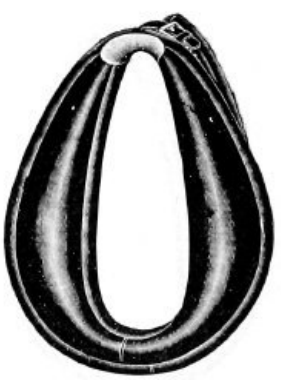


No. 60—Dray, kip, wool faced, about 16 in. draft, 18 to 22 in., w't per doz. 120 lbs.....per dozen $77.00
23 in..... " 86.60
24 in..... " 92.40

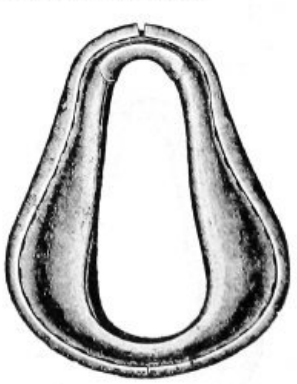
ONE DOZEN IN A SACK.



No. 70—Irish, kip back and rim, ticking face, curled hair, with Marshall's patent single top fasteners, about 18 in. draft, 18 to 22 in., w't per doz. 140 lbs.....per dozen $80.10
23 in..... " 90.10
24 in..... " 96.10



No. 72—Case, kip back and rim, neat's leather face, about 17 in. draft, 18 to 22 in., w't per doz. 140 lbs., per dozen..... $88.20
23 in.....per dozen 99.20
24 in..... " 105.80

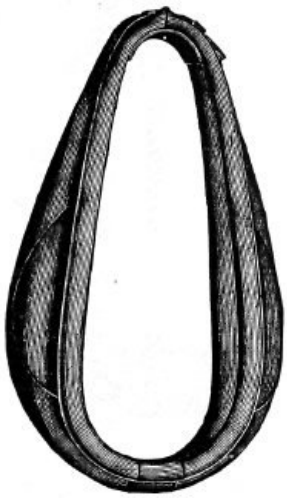


No. 78—Liverpool dray, kip, wool faced, about 16½ in. draft, 18 to 22 in., w't per doz. 120 lbs.....per dozen $88.80
23 in..... " 99.90
24 in..... " 106.60

ONE DOZEN IN A SACK.

EXTRA CHARGE ON HORSE COLLARS: For Marshall's single or double top fasteners, add 80 cents per dozen to list. For Cooper's patent couplers add $4.00 per dozen to list.

HORSE COLLARS.



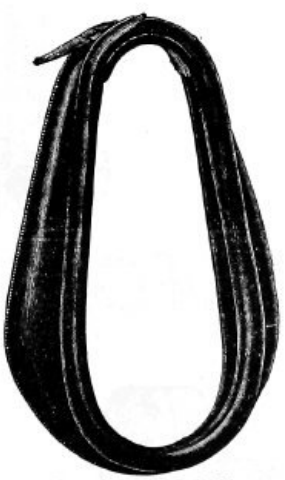
No. 110.

Nos. 114 to 118.

No. 110—Sheepskin, buggy, about 10½ in. draft, w't per doz. 36 lbs., - - - - - - per dozen $16.80
No. 114—Kip, buggy, about 10½ in. draft, w't per doz. 48 lbs., - - - - - - per dozen 25.50
No. 116—Kip, gig, about 11½ in. draft, w't per doz. 54 lbs., per dozen, - - - - - - - - - 29.00
No. 118—Kip, coach, about 13 in. draft, w't per doz. 60 lbs., per dozen, - - - - - - - - - 32.00

ONE DOZEN IN A SACK.

Nos. 130 and 132.



Nos. 134, 136 and 138.

Half Patent Leather, Kip Face.

No. 130—Buggy, about 10½ in. draft, w't per doz. 48 lbs., per dozen, - - - - - - - - $29.00
No. 132—Gig, about 11½ in. draft, w't per doz. 60 lbs., per dozen, - - - - - - - - 32.50

Half Patent Leather, Kip Face, Turned Edge.

No. 134—Buggy, about 10½ in. draft, w't per doz. 48 lbs., per dozen, - - - - - - - - $33.60
No. 136—Gig, about 11½ in. draft, w't per doz. 54 lbs., per dozen, - - - - - - - - 37.00
No. 138—Coach, about 13 in. draft, w't per doz. 60 lbs., per dozen, - - - - - - - - 42.00

ONE DOZEN IN A SACK.

Nos. 140 and 142.

Nos. 150, 152 and 154.

Full Patent Leather, Bent Top, Kip Face, Turned Edge.

No. 140—Buggy, about 10 in. draft, w't per doz. 42 lbs., per dozen, - - - - - - - - $38.00
No. 142—Gig, about 11½ in. draft, w't per doz. 54 lbs., per dozen, - - - - - - - - 42.00

Patent Leather, French Rim, Bent Top, Kip Face, Turned Edge.

No. 150—Buggy, about 10 in. draft, w't per doz. 42 lbs., per dozen, - - - - - - - - $44.50
No. 152—Gig, about 11½ in. draft, w't per doz. 60 lbs., per dozen, - - - - - - - - 49.00
No. 154—Coach, about 13 in. draft, w't per doz. 66 lbs., per dozen, - - - - - - - - 53.50

ONE DOZEN IN A SACK.

Nos. 160, 162 and 164.

Nos. 180, 182 and 184.

Patent Leather Case, Kip Face.

No. 160—Buggy, about 10 in. draft, w't per doz. 48 lbs., per dozen, - - - - - - - - $54.00
No. 162—Gig, about 11½ in. draft, w't per doz. 60 lbs., per dozen, - - - - - - - - 60.00
No. 164—Coach, about 13 in. draft, w't per doz. 78 lbs., per dozen, - - - - - - - - 66.00

HALF DOZEN IN A CASE.

All-over Patent Leather.

No. 180—Buggy, about 10 in. draft, w't per pair 3 lbs., per pair, - - - - - - - - $12.00
No. 182—Gig, about 11½ in. draft, w't per pair 4½ lbs., per pair, - - - - - - - - 13.00
No. 184—Coach, about 13 in. draft, w't per pair 5½ lbs., per pair, - - - - - - - - 14.50

THREE PAIRS IN A CASE.

All the above collars are furnished in sizes 18 to 22 in. For 23 in. collars add 15 per cent. and for 24 in. 20 per cent.

LEADS, TIES AND HALTERS.

ROPE HALTER LEADS.

With Snap.

No. 530—½ in. jute, - - - - - per dozen $1.40
No. 540—½ in. sisal, - - - - - " 1.80

CATTLE AND HORSE TIES.

Nos. 524J and 524S.

Nos. 525J and 525S.

No. 524J—Cattle tie, ½ in. jute rope, snap and ring, length 8½ ft., w't per doz. 6 lbs., - - - per dozen $1.70
No. 524S—Cattle tie, ½ in. sisal rope, snap and ring, length 8½ ft., w't per doz. 6 lbs., - - - per dozen 2.20
No. 525J—Horse tie, ½ in. jute rope, 2 snaps and 2 thimbles, length 10 ft., w't per doz. 9½ lbs., - - per dozen 3.50
No. 525S—Horse tie, ½ in. sisal rope, 2 snaps and 2 thimbles, length 10 ft., w't per doz. 9½ lbs., - - per dozen 4.40

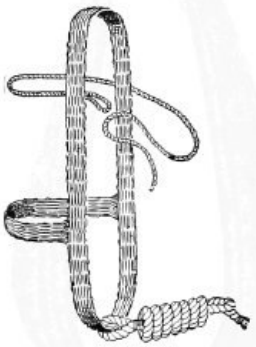
ROPE HALTERS.

No. 88

No. 302.

No. 88—7/16 in. jute, w't per doz. 7½ lbs., - per dozen $1.50
No. 302—7/16 in. jute, w't per doz. 9 lbs., - " 2.50

ROPE HALTERS.

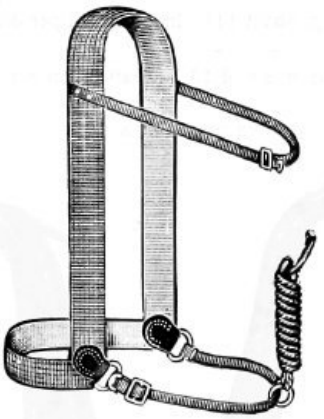


No. 1.

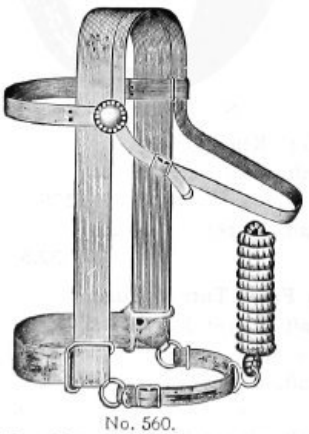
No. 175.

No. 1—Braided sisal rope, stained red, yellow throat latch, brow band and tie rope, w't per doz. 11 lbs., - per dozen $3.20
No. 175—5/8 in. sisal rope, stained red, 3/8 in. throat latch and brow band stained yellow, japanned snap, w't per doz. 11 lbs., - - - - - per dozen 4.00

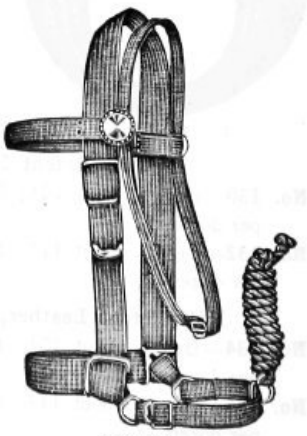
WEB HALTERS.



No. 550—12 cord, horse size, assorted solid colors, 7/16 in. jute rope tie, w't per doz. 8 lbs., - - per dozen $3.00
No. 555—12 cord, colt size, assorted solid colors, 7/16 in. jute rope tie, w't per doz. 7 lbs., - - per dozen 2.80



No. 560.

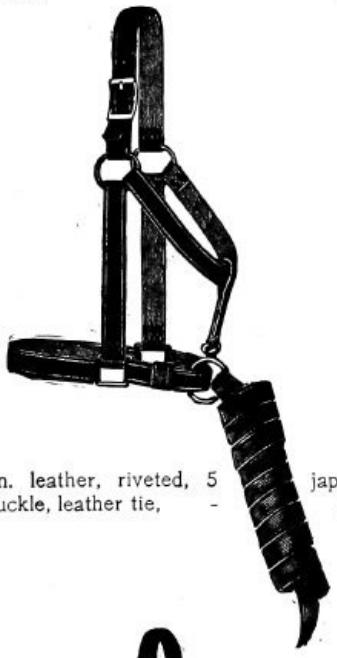


No. 565.

No. 560—13 cord fancy web, assorted solid colors, 7/16 in. sisal rope tie, w't per doz. 12 lbs., - - per dozen $5.00
No. 565—13 cord fancy web, adjustable, assorted solid colors, 7/16 in. sisal rope tie, w't per doz. 13 lbs., - per dozen 5.50

LEATHER HALTERS.

No. 50—1¼ in. leather, riveted, 5 japanned rings, XC plate buckle, rope tie, - - - - - per dozen $12.50



No. 55—1¼ in. leather, riveted, 5 japanned rings, XC plate buckle, leather tie, - per dozen $17.00

No. 600.

Sensible.

No. 600—1	in., without tie, - - -	per dozen	$10.00
No. 600—1¼	in., without tie, - - -	"	11.30
No. 610—1	in., with tie, - - -	"	16.20
No. 610—1¼	in., with tie, - - -	"	18.50

No. 620.

No. 630.

Machine Riveted.

No. 620—1	in., 5 rings, without tie, - -	per dozen	$12.00
No. 620—1¼	in., 5 rings, without tie, - -	"	14.00
No. 620—1½	in., 5 rings, without tie, - -	"	17.50
No. 625—1	in., 5 rings, with tie, - -	"	18.30
No. 625—1¼	in., 5 rings, with tie, - -	"	21.00
No. 630—1	in., 6 rings, without tie, - -	"	12.00
No. 630—1¼	in., 6 rings, without tie, -	"	14.00
No. 630—1½	in., 6 rings, without tie, - -	"	17.50
No. 635—1	in., 6 rings, with tie, - -	"	18.30
No. 635—1¼	in., 6 rings, with tie, - -	"	21.00

No. 640.

No. 650.

Hand Sewed.

No. 640—1	in., 5 rings, without tie, - -	per dozen	$17.30
No. 640—1¼	in., 5 rings, without tie, - -	"	19.70
No. 640—1½	in., 5 rings, without tie, - -	"	23.00
No. 645—1	in., 5 rings, with tie, - -	"	24.20
No. 645—1¼	in., 5 rings, with tie, - -	"	28.20
No. 650—1	in., 6 rings, without tie, -	"	17.30
No. 650—1¼	in., 6 rings, without tie, - -	"	19.70
No. 650—1½	in., 6 rings, without tie, - -	"	23.00
No. 655—1	in., 6 rings, with tie, - -	"	24.20
No. 655—1¼	in., 6 rings, with tie, - -	"	28.20

No. 660.

No. 670.

No. 660—1 in., colt, machine riveted, 5 rings, without tie, per dozen, - - - - - - - - - $10.50

No. 665—1 in., colt, machine riveted, 6 rings, without tie, per dozen, - - - - - - - - - 10.50

No. 670—1 in., cow, machine riveted, without tie, per dozen 8.00

No. 670—1¼ in., cow, machine riveted, without tie, " 9.00

PAGE 1600.

We have indexed all articles in Harness and Saddlery Hardware which are not included in pages 1301 to 1359 under page 1600.

As soon as possible we will send the balance of this section with a special department index.

HARNESS LEATHER

We claim for all our oak and union tanned harness leather the following qualities; **greatest tensile strength, fine texture, flexible grain, close trim and good selection,** and always quote the lowest market price for such leather.

Phoenix

No. 15—No. 1, selection, - - - - per pound $0.74
No. 16—No. B, selection, - - - - " .70

Unsurpassed by any brand of oak leather. Made from selected packer steer hides, pure oak tanned, absolutely free from all adulterations. Finished by the most skilled labor that can be obtained. Closely trimmed, plump shoulders and flanks, and what is most appreciated, a strong fiber. The best leather on the market for fine custom trade.

TEN SIDES IN A ROLL. WEIGHT 160 to 220 LBS.

Chicago

No. 30—No. 1, selection red label, - - per pound $0.74
No. 32—No. B, selection yellow label, - - " .70

Unequalled at the price. Made from all packer steer hides, pure oak tanned and shaved all over by hand. Stuffed with oil and tallow only. No adulterations. Recommended for economy in cutting and for unsurpassed wearing quality. Close trim honest leather.

TEN SIDES IN A ROLL. WEIGHT 185 TO 230 LBS.

Star Oak

No. 20—No. 1, selection, - - - per pound $0.74
No. 21—No. B, selection, - - - " .70
No. 24—No. B, selection trace, - - " .76

Made from packer steer hides, thoroughly tanned with pure chestnut oak bark. Stuffed with the highest grades of tallow and New Foundland cod oil. No adulterations. Finished in the most skillful manner. Cleanly shaven, closely trimmed, straight backs and plump shoulders. Star Oak leather has a natural grain that finishes elegantly and is conceded the best wearing leather on the market.

TEN SIDES IN A ROLL. WEIGHT 160 TO 220 LBS.

No. 50—No. 1, selection, - - - - per pound $0.68
No. 52—No. B, selection, - - - - " .64

Leads all union tanned leather for finish and tensile strength. Cuts without waste and wears forever.

TEN SIDES IN A ROLL. WEIGHT 180 TO 250 LBS.

RUSSET SKIRTING LEATHER

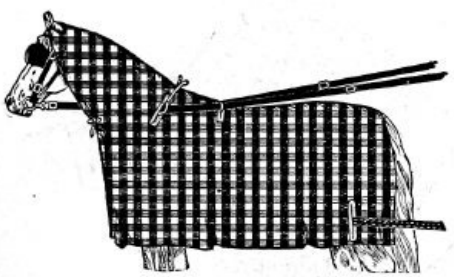
No. 120—No. 1, selection, - - - - per pound .96
No. 122—No. 2, selection, - - - " .94

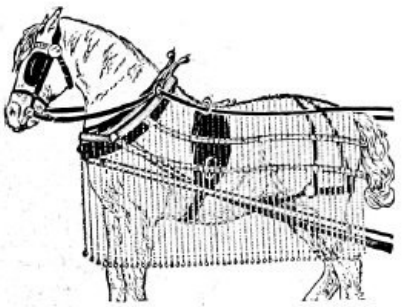
TEN SIDES IN A ROLL WEIGHT 150 TO 160 LBS.

For immediate acceptance only. Above prices for 1 roll or 100 rolls. Terms, NET 60 days, or 2 per cent discount for cash in 10 days.

SEASONABLE GOODS IN SADDLERY HARDWARE.

LAP DUSTERS, FLY NETS, HORSE SHEETS AND COVERS.



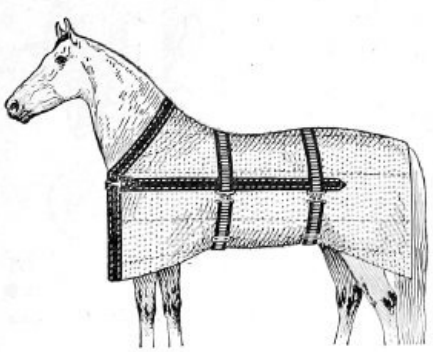


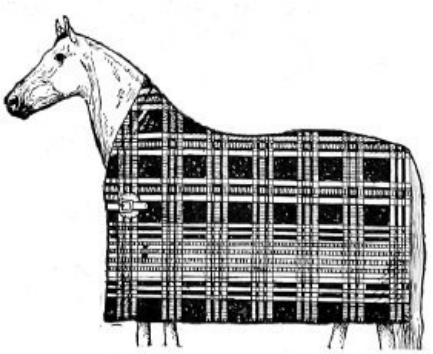
We find it inexpedient to attempt listing these goods in our Loose Leaf catalogue, as the styles change with every season.

We issue a catalogue of summer goods in the early spring, in which we illustrate and describe about 100 styles and patterns of lap dusters in fancy and embroidered momies, linen and embroidered whipcords, plain and embroidered broadcloths. Horse sheets are shown in burlap sheeting, ducks, linens and wool finish, horse covers in burlap, fancy sheeting, drills and ventilating. Fly nets are carried in cotton mesh of all styles and combination, team and express in patent cord and leather; buggy, in fine round leather and fine round calfskin lash. Most all of these are furnished in "body and breast" and "to head."

The catalogue also includes many additional articles in season. Please write for it.

CARRIAGE AND AUTOMOBILE ROBES, AND HORSE BLANKETS.





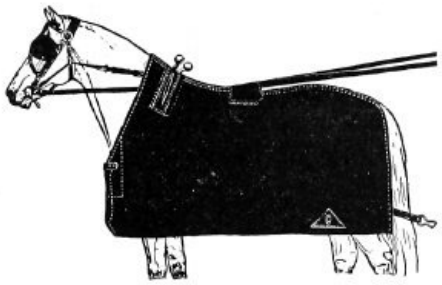
As the styles in these lines change from year to year, we do not print catalogue pages for our Loose Leaf catalogue. These goods are fully illustrated in a special catalogue of fall and winter goods devoted to this department, which is issued about Sept. 1st of each year.

In this catalogue we illustrate and describe our full line, including about 150 styles and patterns of plush, wool, Montana, automobile and fur robes, and a greater number of horse blankets consisting of "shaped" in burlap, ducks, kerseys and fancy printed plaids, storm or lumbermen's and squares in a great variety of sizes, weights and patterns.

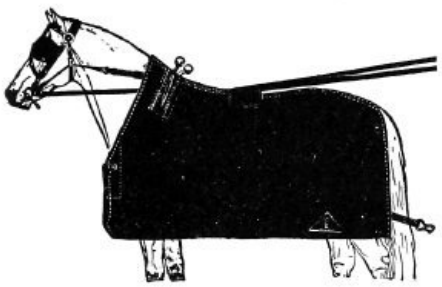
This catalogue will be mailed to any dealer in these goods, upon request.

WATERPROOF HORSE COVERS.

OVER HAME.



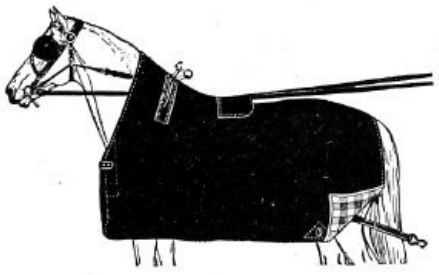
No. 5000—Black oiled sheeting, reinforced front, with buckle strap, well made line pockets, hame and trace leathers, for light delivery or express, w't per doz. 52 lbs., - - - - per dozen $30.00



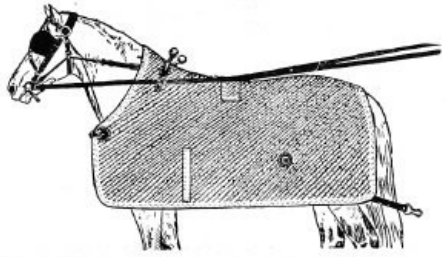
Black Oiled, Reinforced Front with Buckle Strap, Well Made Pockets, Hame and Trace Leathers.

No. 5003—Oiled drill, for heavy express or teaming, w't per doz. 63 lbs., per dozen $35.00

No. 5005—Oiled duck, for heavy express or teaming, w't per doz. 78 lbs., per dozen, - - - - - - - 43.80

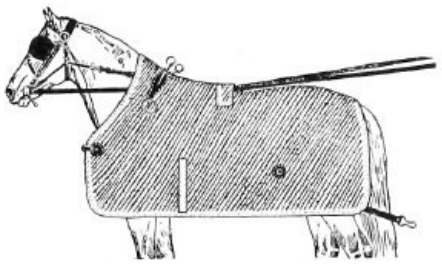


No. 5010—Imitation rubber coated, heavy black drill, fancy plaid fleece lined, reinforced front and buckle strap, with line pockets, hame and trace leathers, for delivery or express, w't per doz. 66 lbs., - - - - per dozen $45.50

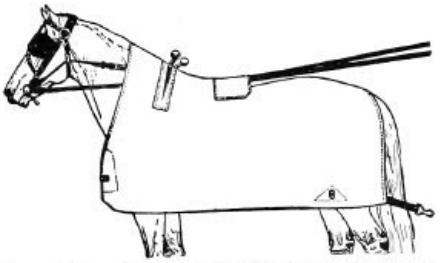


No. 5013—Heavy brown oiled duck, with line pocket, hame and trace leathers and buckle strap, for heavy express or dray, w't per doz. 63 lbs., - per dozen $40.00

OVER HAME.



No. 5015—Extra heavy brown oiled duck, with line pocket, extra large hame leathers, with trace leathers and buckle strap, for heavy express or dray, w't per doz. 78 lbs., - - per dozen $48.00

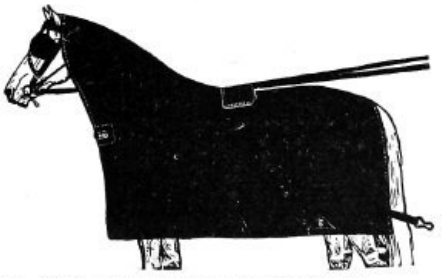


Heavy 14 oz. White Duck, Reinforced Front and Buckle Strap, with Line Pockets and Rawhide Hame and Trace Leathers.

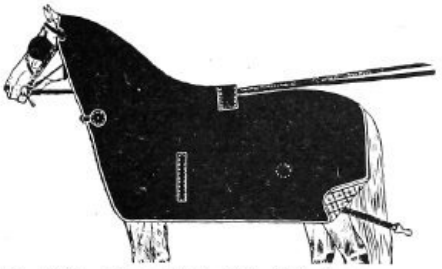
No. 5020—58 in. deep, made in two parts, seamed together in middle for heavy express or teaming, w't per doz. 60 lbs., - - - - per dozen $41.90

No. 5023—66 in. deep, made in three pieces, for heavy express or teaming, w't per doz. 66 lbs., - per dozen 46.90

TO HEAD.

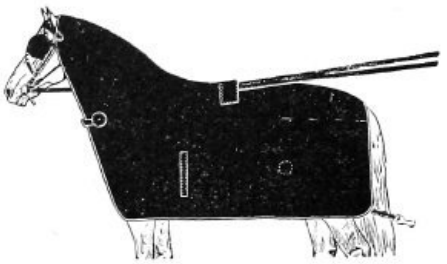


No. 5030—Heavy black oiled drill, with hood and body in one piece, reinforced at buckle strap and head, with line pockets and trace leathers, for express or teaming, w't per doz. 57 lbs., per dozen, - - - - - - - $35.00



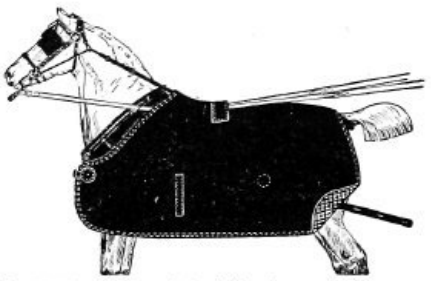
No. 5035—Heavy black oiled drill, fancy plaid fleece lined, with hood and body in one piece, reinforced at buckle strap and head, with line pockets and trace straps, for express or buggy, w't per doz. 66 lbs., - - - per dozen $53.30

TO HEAD.

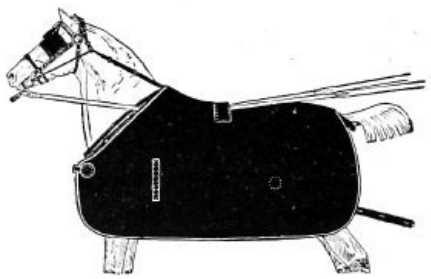


No. 5040—Heavy black rubber drill, with hood and body in one piece, reinforced at buckle strap and head, with line pockets and trace straps, for express, w't per doz. 63 lbs., - per dozen $56.00

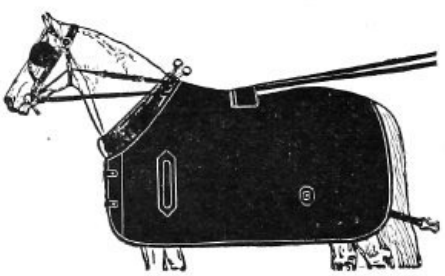
TO COLLAR.



No. 5045—Black oiled drill, fancy plaid fleece lined, reinforced buckle and trace straps, with line pockets, for buggy or express, w't per doz. 54 lbs., per dozen, - - - - - - $45.50



No. 5048—Heavy black rubber drill, reinforced buckle and trace straps, with line pockets, for buggy or express, w't per doz. 72 lbs., - - per dozen $48.00



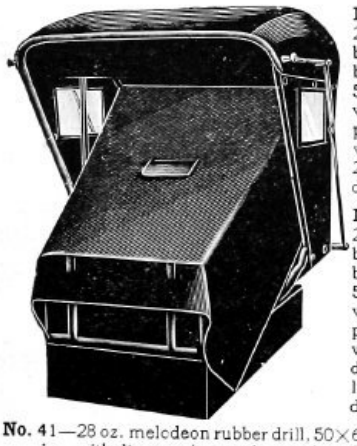
Rubber, Reinforced Front, with 2 Buckle Straps, Line and Shaft Pockets and Trace Leathers.

No. 5050—Rubber sheeting, for buggy or express, w't per doz. 60 lbs., per dozen $76.50

No. 5053—Heavy rubber drill, for buggy or express, w't per doz. 63 lbs., per dozen 81.00

STORM APRONS, FRONTS AND HOODS.

STORM APRONS.

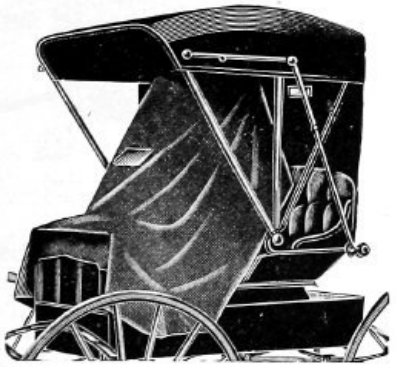


No. 46—22 oz. black rubber drill, 50×54 in., with line pockets, w't per doz. 24 lbs., per doz. $18.00

No. 47—22 oz. black rubber drill, 50×60 in., with line pockets, w't per doz. 30 lbs., per doz. $20.00

No. 41—28 oz. melodeon rubber drill, 50×60 in., with line pockets, w't per doz. 39 lbs., - - - - - per dozen $23.00

Are easily adjusted to any size buggy dash, by the two steel clamps fastened to the apron, which fit over the dash like a clothes pin and hold apron securely in place.



No. 73—28 oz. melodeon rubber drill, 50×54 in., with line pocket, w't per doz. 42 lbs., - - - - - per dozen $28.00

Will adjust to any size buggy dash by two steel clamps. The apron is so cut and shaped that a perfect water shed is formed, preventing the water collecting in a puddle over the knees.

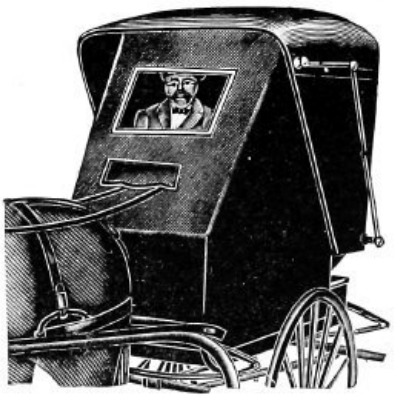
No. 48—22 oz. black rubber drill 50×72 in., with line pocket, w't per doz. 36 lbs., per dozen, - - - - - - $24.00

No. 42—28 oz. melodeon rubber drill 50×72 in., with line pocket, w't per doz. 42 lbs., - - - - - per dozen 32.00

Made expressly for and will fit any phaeton dash, is adjusted by two steel clamps, the sides of apron extend well down over the feet.

STORM APRONS.

No. 85—Heavy Canton flannel, with line pocket, one side coated with a black oiled waterproof material, fleece lined, 50×60 in., w't per doz. 36 lbs., per dozen, - - - - - - - $25.00



No. 5—22 oz. black rubber drill, with transparent celluloid window and line pocket, w't per doz. 42 lbs., - per dozen $48.00

No. 4—28 oz. black rubber drill, otherwise same as No. 5, w't per doz. 53 lbs., per dozen, - - - - - - 56.00

No. 3—28 oz. melodeon rubber drill, otherwise same as No. 5, w't per doz. 57 lbs., - - - - - per dozen 64.00

No measurements required: fits any size piano box buggy. The line pocket is 14 in. wide and reinforced with a piece of light metal. Is adjusted to buggy top and dash by hooks.

AUTOMATIC APRON SHIELDS.

No. 55—W't per doz. 132 lbs., per dozen, - $80.00

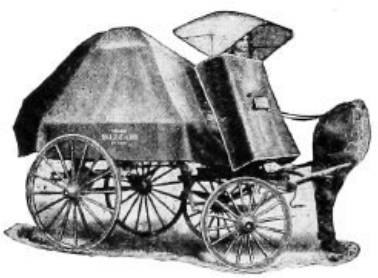
No measurements necessary. The upper part is a light metal hood 6 in. wide, in two pieces which slide together and can be adjusted to fit any buggy top by the action of the turn-buckle and rods with a right and left thread. The shield, with a 12×20 in. transparent celluloid window, is hung on the turn buckle rods with hooks. On each rod is a spiral spring which throws the shield up in the top when not in use and holds it in place. The apron is large and is made of best quality rubber cloth, with line pocket, and can be used for slight showers or when the weather is too warm to use the shield.

CLOSED CAB FRONTS.

No. 50—W't per doz. 168 lbs., per dozen $168.00

No measurements required. The Closed Cab Front is made of light japanned metal hood and frame with best quality of green back rubber cloth curtains and front which has two 10×18 in. transparent celluloid windows and line pocket. It is constructed in such a manner that it is adjustable and fits tops 35 to 39 in., measured inside the bows, and fits dashes 18 to 30 in. wide. The windows can be opened or closed from the inside. The side curtains work on rollers and can be opened or closed instantly. This Closed Cab Front can be attached in a few minutes with no trouble whatever, and when in place, becomes a part of and looks like a made-to-order closed buggy.

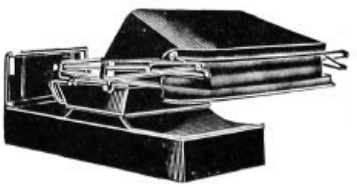
WAGON APRONS.



No. 80—Heavy brown oiled duck with line pocket, 54×72 in., w't per doz. 32 lbs., per dozen, - - - - - - $36.00

At the bottom of the apron are two straps and buckles so that the apron can be fastened to any foot board. At the top are three straps and snaps, and the apron can be hung to suit the driver. Suitable for express, grocery, laundry, transfer wagons and all wagons with tops.

ADJUSTABLE DUST HOODS.



No. 6—22 oz. black rubber drill, will fit any piano box buggy top, w't per doz. 21 lbs., - - - - - per dozen $20.00

Is put on the top when thrown back, and protects the inside lining of the top from dust or mud. It fits any buggy and can be put on or taken off in a few seconds. When adjusted there is no wrinkling nor puckering.

BRIDLE CHEEKS.

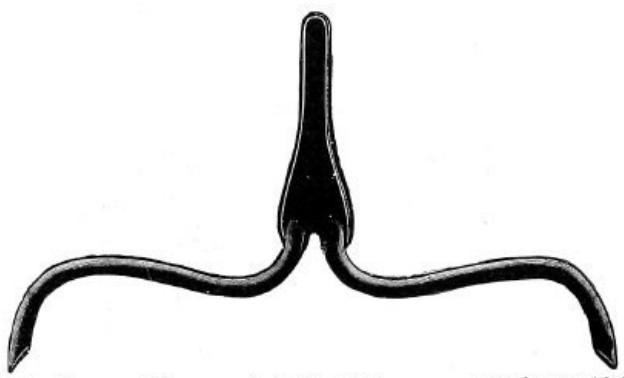
Nos. 70 to 73.

Nos. 170 to 171.

Nos. 175 to 182.

No. 70—5/8 in., box loop, im't rubber buckles, - per doz. prs. $ 7.90
No. 71—5/8 in., box loop, nickel composition buckles, " 7.90
No. 72—3/4 in., box loop, im't rubber buckles, - " 9.10
No. 73—3/4 in., box loop, nickel composition trucks, " 9.10
No. 170—5/8 in., round, im't rubber buckles, - " 8.20
No. 171—5/8 in., round, nickel composition buckles, " 8.20
No. 175—5/8 in., round, im't rubber buckles, - " 10.30
No. 176—5/8 in., round, nickel composition buckles, " 10.30
No. 177—5/8 in., round, genuine rubber buckles, - " 12.70
No. 180—1/2 in., round, im't rubber buckles, - " 10.30
No. 181—1/2 in., round, nickel composition buckles, " 10.30
No. 182—1/2 in., round, genuine rubber buckles, - " 12.70

ROUND WINKER BRACES.



No. 5—Buggy, 5/8 in. smooth finish billet, - - per dozen $3.30
No. 6—Team, 3/4 in. creased edge billet, - - " 4.00

BUGGY AND TEAM BRIDLE CROWNS.

Team.

No. 16—3/4 in. cheek, 5/8 in. throat latch billets, japanned buckles, - - - - - - per dozen $4.00
No. 17—7/8 in. cheek, 5/8 in. throat latch billets, japanned buckles, - - - - - - per dozen 4.20

Buggy.

No. 25—5/8 in. cheek, 1/2 in. throat latch billets with layer and overcheck loops, imitation rubber buckles, smooth finish, - - - - - per dozen 4.90

OVERCHECKS.

Nos. 103 and 104.

Nos. 106 to 108.

Nos. 110 to 112.

No. 103—Im't rubber, 3/4 in. back, 1/2 in. split, 3 buckles, smooth finish, - - - - - per dozen $ 9.60
No. 104—Nickel, 3/4 in. back, 1/2 in. split, 3 buckels, smooth finish, - - - - - - per dozen 9.60
No. 106—Im't rubber, 3/4 in. back, 1/2 in. split, 3 buckles, nose band, round edge finish, - - - per dozen 10.70
No. 107—Nickel, 3/4 in. back, 1/2 in. split, 3 buckles, nose band, round edge finish, - - - per dozen 10.70
No. 108—Genuine rubber, 3/4 in. back, 1/2 in. split, 3 buckles, nose band, round edge finish, - - per dozen 12.50
No. 110—Nickel, 3/4 in. back, 1/2 in. split, 5 buckles, nose band, round edge finish, - - - per dozen 14.40
No. 111—Im't rubber, 3/4 in. backs, 1/2 in. split, 5 buckles, nose band, round edge finish, - - per dozen 14.40
No. 112—Genuine rubber, 3/4 in. back, 1/2 in. split, 5 buckles, nose band, round edge finish, - - per dozen 17.50

BRIDLE REINS.

Buggy.

No. 150—Im't rubber, 5/8 in. billets and centers, per doz. $13.80
No. 151—Nickel, 5/8 in. billets and centers, per doz. 13.80

Team.

No. 160—XC plate roller buckles, 3/4 in. billets and centers, - per dozen 13.80

TEAM BRIDLE ROUNDS.

No Buckles.

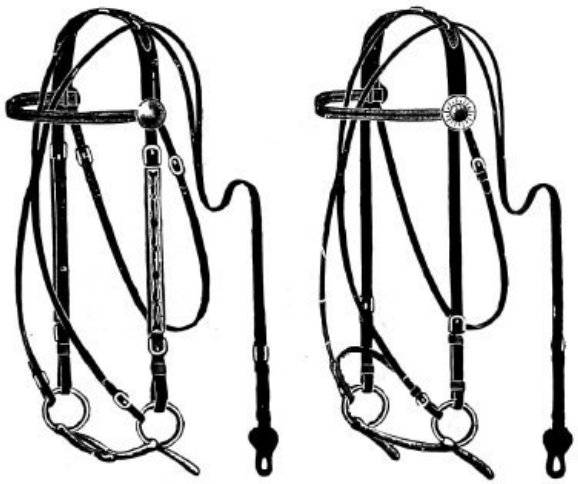
No. 60—3/4 in. billets, japanned ring sewed in, per single dozen $3.90

Without Centers.

No. 61—3/4 i n. billets, XC plate roller buckles and rings sewed in, - - - - - per single dozen 4.80

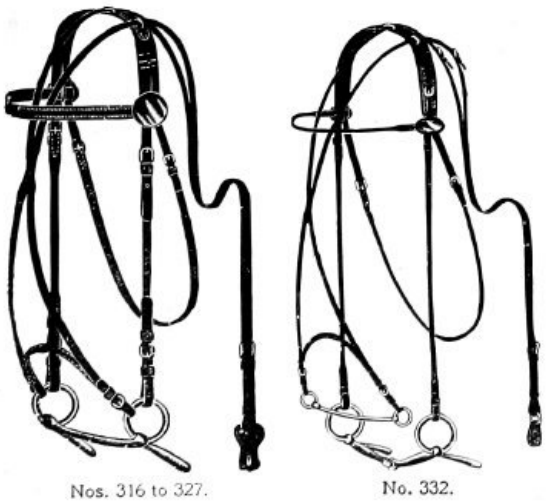
BUGGY BRIDLES.

OPEN.



No. 300. No. 310.

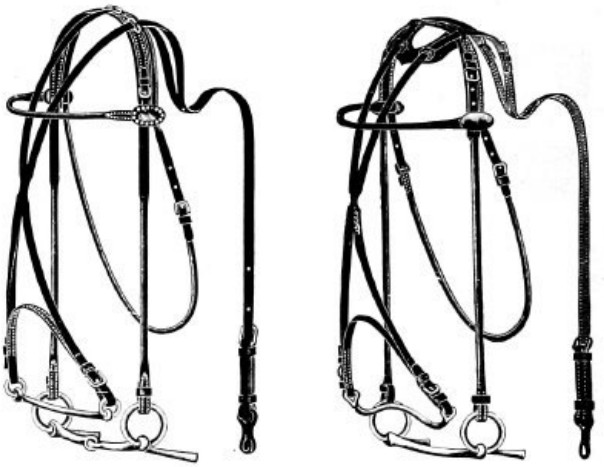
No 300—XC trimmed, 5/8 in. cheeks, box loops, layer on crown, - - - - - - - - each $1.95
No. 301—Nickel trimmed, otherwise same as No. 300, " 2.20
No. 302—Imitation rubber trimmed, otherwise same as No. 300, - - - - - - - - each 2.20
No. 306—XC trimmed, 3/4 in. cheeks, box loops, layer on crown, - - - - - - - - each 2.10
No. 307—Nickel trimmed, otherwise same as No. 306, " 2.30
No. 308—Imitation rubber trimmed, otherwise same as No. 306, - - - - - - - - each 2.30
No. 310—Nickel trimmed, 5/8 in. flat cheeks, layer on crown, nose band, - - - - - - - each 2.15
No. 311—Imitation rubber trimmed, otherwise same as No. 310, - - - - - - - - each 2.15



Nos. 316 to 327. No. 332.

No. 316—Nickel trimmed, 5/8 in. round cheeks, 3 buckle overcheck, layer on crown, nose band, - - each $2.90
No. 317—Imitation rubber trimmed, otherwise same as No. 316, - - - - - - - - each 2.90
No. 318—Genuine rubber trimmed, otherwise same as No. 316, - - - - - - - - each 3.55
No. 326—Nickel trimmed, 3/4 in. round cheeks, 3 buckle overcheck, layer on crown, nose band, - - each 3.50
No. 327—Imitation rubber, otherwise same as No. 326, " 3.50
No. 332—Genuine rubber trimmed, 3/4 in. solid round leather cheeks, front and throat latch, folded crown with layer, 3 buckle overcheck with patent leather nose band and check bit, - - - - - - - - each 4.60

OPEN.



No. 336. No. 340.

No. 336—Genuine rubber trimmed, 1/4 in. round solid round cheeks and front, round throat latch extending over head, enameled leather folded crown with layer, 3 buckle overcheck with patent leather nose band and check bit, each, - - - - - - - - - - $6.00
No. 340—Genuine rubber trimmed, 1/16 in. round stitched cheeks and front, solid round throat latch, enameled leather folded crown with layer and forepiece, 5 buckle overcheck with nose band and check bit, - each 8.00

BLIND.

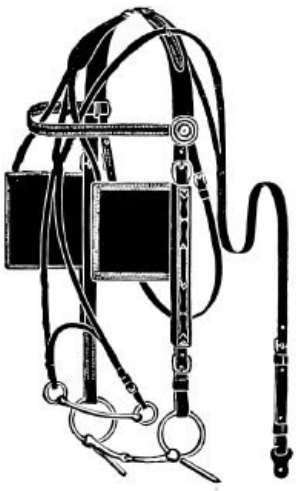
No. 28. Nos. 29 and 31.

No. 20—XC trimmed, 5/8 in. cheeks, overcheck, patent leather square blinds, flat winker stay, - - each $2.00
No. 21—Sensible blinds, otherwise same as No. 20, " 2.00
No. 28—Japanned trimmed, 5/8 in. box loop cheeks, overcheck, patent leather square blinds, round winker stay, each, - - - - - - - - - - 2.70
No. 29—Nickel trimmed, 5/8 in. box loop cheeks, patent leather square blinds, round winker stay, layer on crown, overcheck with nose band, - - - - each 3.70
No. 31—Imitation rubber trimmed, otherwise same as No. 29, - - - - - - - - each 3.70

BRIDLES.

BLIND BUGGY.

Nos. 40 to 42.



Nos. 45 and 46.

No. 40—Nickel trimmed, ⅝ in. box loop cheeks, patent leather square blinds, round winker stay, layer on crown, 5 buckle overcheck with patent leather nose band and check bit, - - - - - - each $4.40

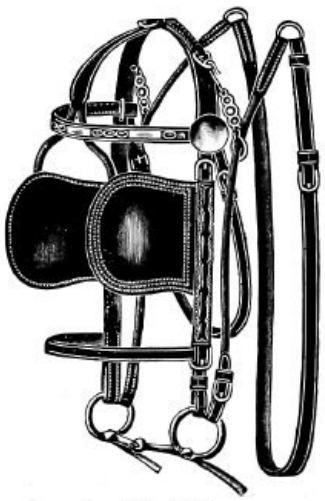
No. 41—Imitation rubber trimmed, otherwise same as No. 40, - - - - - - - - each 4.40

No. 42—Genuine rubber trimmed, otherwise same as No. 40, - - - - - - - - each 5.50

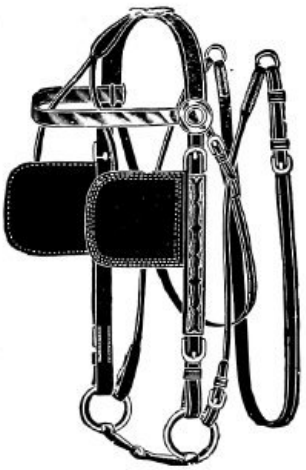
No. 45—Nickel trimmed, ¾ in. box loop cheeks, patent leather square blinds, round winker stay, layer on crown, extra heavy overcheck with nose band and check bit, each 4.75

No. 46—Imitation rubber trimmed, otherwise same as No. 45, - - - - - - - - each 4.75

SURREY AND EXPRESS.



Nos. 89 to 93 Surrey.



No. 75 Express.

No. 89—Nickel trimmed, ¾ in. cheeks, box loops, patent leather blinds, round winker stay, layer on crown, metal gag chains, nose band, round side reins, - each $6.00

No. 91—Imitation rubber trimmed, otherwise same as No. 89, - - - - - - - - each 6.00

No. 93—Brass trimmed, otherwise same as No. 89, " 6.00

No. 75—Japanned trimmed, ¾ in. long box loop cheeks, patent leather blinds, round reins and winker stay, each 4.00

No 78—Nickel trimmed, ¾ in. long box loop cheeks, patent leather blinds, round reins and winker stay, nose band, each, - - - - - - - - - 5.00

No. 79—Brass trimmed, otherwise same as No. 78, each 5.00

OPEN TEAM.

No. 100—XC plate trimmed, ⅞ in. open cheeks, short flat reins, fancy face piece, w't per doz. 19 lbs., per dozen $20.00

XC Trimmed.

No. 103—¾ in. open cheeks with scalloped safes, short flat reins, w't per doz. 24 lbs., - - - per dozen $26.25

No. 104—⅞ in. cheeks, otherwise same as No. 103, w't per doz. 25½ lbs., - - - - - per dozen 27.80

Nos. 106 and 107.

Nos. 80 and 81.

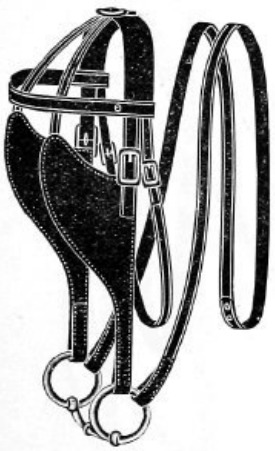
No. 106—XC trimmed, ¾ in. open cheeks, with scalloped safes, round reins, w't per doz. 28 lbs., - per dozen $36.10

No. 107—⅞ in. cheeks, otherwise same as No. 106, w't per doz. 30 lbs., - - - - - per dozen 37.70

No. 80—Nickel trimmed, ¾ in. round cheeks and reins, spotted front and face piece, w't per doz. 30 lbs., per dozen 60.00

No. 81—Brass trimmed, otherwise same as No. 80, " 60.00

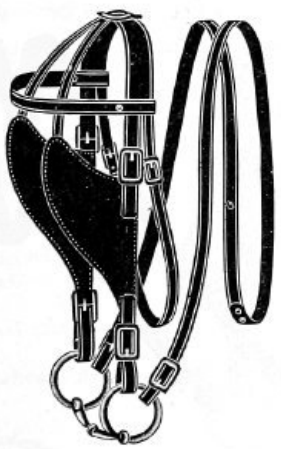
TEAM BRIDLES.



XC Plate Trimmed.

No. 108—¾ in. cheeks, pigeon wing blinds, flat winker stays, short flat reins, w't per doz. 17 lbs., per dozen $11.20

No. 109—⅞ in. cheeks, otherwise same as No. 108, w't per doz. 19 lbs., per dozen $13.30

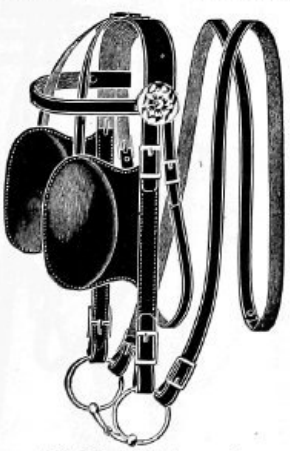


XC Plate Trimmed.

No. 110—¾ in. cheeks, pigeon wing blinds, flat winker stays, short flat reins, w't per doz. 19 lbs., per dozen $12.00

No. 111—⅞ in. cheeks, otherwise same as No. No. 110, w't per doz. 21 lbs., per dozen $13.10

No. 112—1 in. cheeks, otherwise same as No. 110, w't per doz. 28 lbs., - - per dozen $16.90

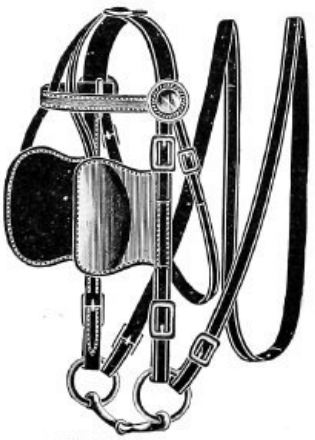


XC Plate Trimmed.

No. 114—⅞ in. cheeks, sensible blinds, flat winker stays, short flat reins, w't per doz. 30 lbs., per dozen, - - - $20.20

No. 116—1 in. cheeks, otherwise same as No. 114, w't per doz. 31 lbs., - - - per dozen 22.40

No. 117—1¼ in. cheeks, otherwise same as No. 114, w't per doz. 37 lbs., - - per dozen 25.30

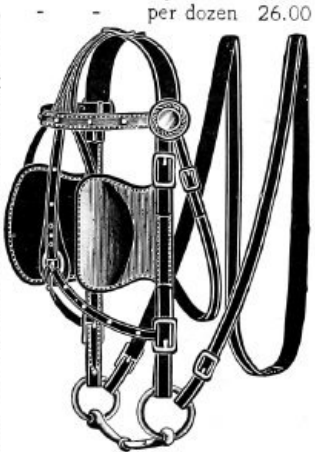


XC Plate Trimmed.

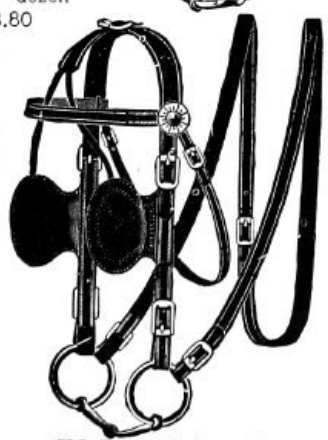
No. 0114—⅞ in. cheeks, red patent leather sensible blinds, flat winker stays, fancy front, short flat reins, w't per doz. 30 lbs., per dozen $21.30

No. 0116—1 in. cheeks, otherwise same as No. 0114, w't per doz. 31 lbs., - - per dozen 23.50

No. 0117—1¼ in, cheeks, otherwise same as No. 0114, w't per doz. 37 lbs., - - per dozen 26.00



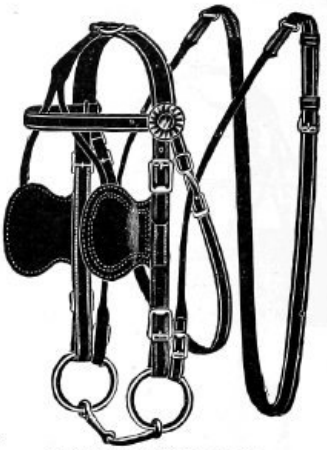
No. 119—1 in. cheeks, red patent leather sensible blinds, flat winker stays, spotted andring face piece, red patent leather front with spots, short flat rein, w't per doz. 37 lbs., per dozen $28.80



XC Plate Trimmed.

No. 122 — ¾ in. cheeks, sensible blinds, round winker stays, short flat reins, w't per doz. 33 lbs., per dozen, - - - $31.70

No. 123—⅞ in. cheeks, otherwise same as No. 122, w't per doz. 34 lbs., - - per dozen 33.30



XC Plate Trimmed.

No. 124 — ¾ in. cheeks, sensible blinds, round reins and winker stays, w't per doz. 35 lbs., per dozen, - - - - $38.20

No. 126 — Square blinds, otherwise same as No. 124, - per dozen 38.20

Japanned Trimmed.

No. 132—¾ in. cheeks, sensible blinds, round reins and winker stays, w't per doz. 37 lbs., per dozen, - - - - $43.70

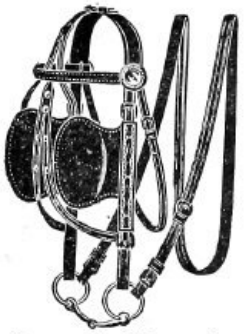
No. 133 — ⅞ in. cheeks, otherwise same as No. 132, per dozen 45.90

Japanned Trimmed.

No. 136—⅞ in. box loop cheeks, shaped pigeon wing blinds, short flat reins, w't per doz. 40 lbs., per dozen, - - - $40.90

BRIDLES.

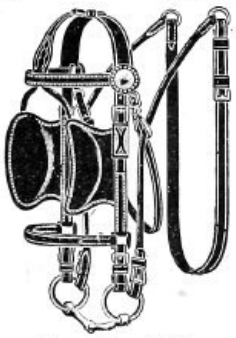
TEAM.



Japanned Trimmed.

No. 140—¾ in., box loop cheeks, concord blinds, fancy face piece, short flat reins, w't per dozen 40 lbs., - - per dozen $44.20

No. 141—⅞ in. cheeks, otherwise same as No. 140, w't per dozen 52 lbs., - - per dozen 45.90



Nos. 147 and 148.

XC Plate Trimmed.

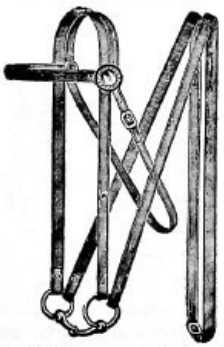
No. 147—¾ in. short cheeks, harness leather sensible blinds, round reins and winker stays, flat nose band, w't per dozen 37 lbs., per dozen, - - - - $41.50

No. 148—⅞ in. cheeks, sensible blinds, otherwise same as No. 147, w't per dozen 40 lbs., per dozen, - - - 43.70

No. 145—¾ in. short cheeks, square harness leather blinds, otherwise same as No. 147, - per dozen 41.50

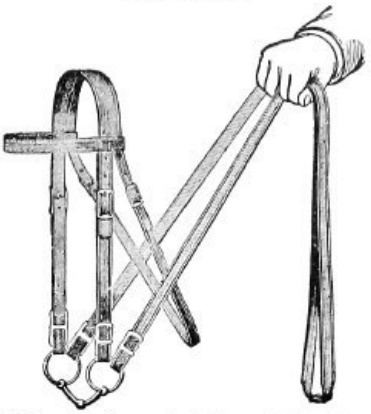
No. 146—⅞ in. cheeks, square harness leather blinds, otherwise same as No. 147, w't per dozen 40 lbs., - per dozen 43.70

RIDING.



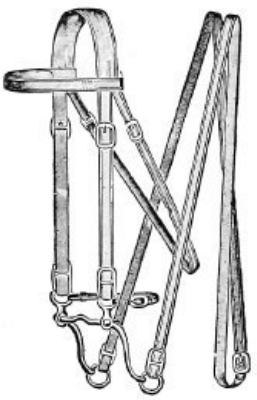
No. 200R—¾ in., russet leather, XC plate trimmed, flat loose crown, riveted, with bit, per dozen $11.40

RIDING.



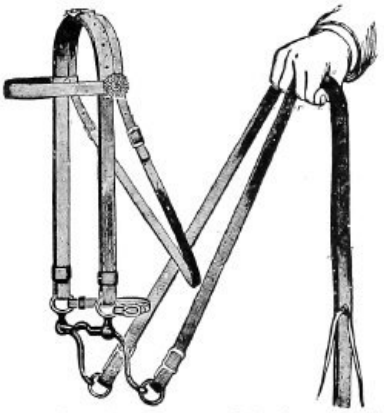
XC Plate Trimmed, Flat, Solid Crown, with Bit.

No. 202R— ¾ in., russet, per doz. $15.50
No. 203R— ⅞ in., russet, " 17.30
No. 206R—1¼ in., russet, " 20.30
No. 207R— ¾ in., black, " 15.50
No. 208 — ⅞ in., black, " 17.30
No. 211 —1¼ in., black, " 20.30



No. 212—¾ in., russet leather, XC trimmed, flat, solid crown, with bit, - - - per dozen $17.80

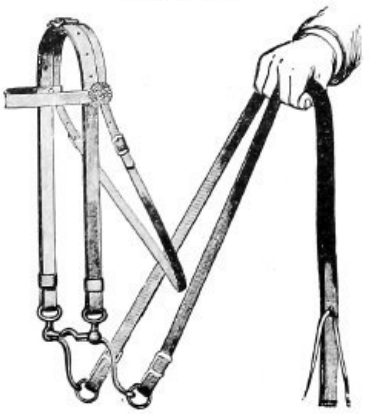
No. 213—⅞ in., otherwise same as No. 212, - - per dozen 19.80



Russet Leather, Double Head Stall, 5 ft. Quirt Reins to Buckle, with Bit.

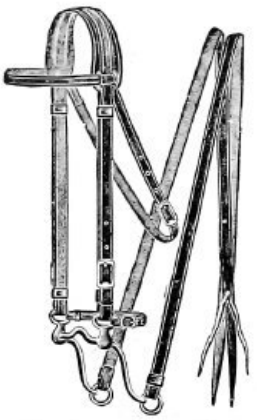
No. 220— ¾ in., - per dozen $21.40
No. 221— ⅞ in., - " 24.00
No. 222—1 in., - " 26.70

RIDING.

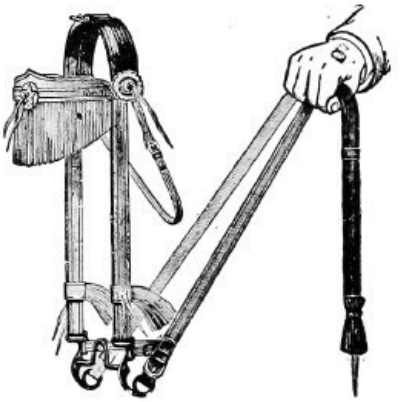


No. 226— ⅞ in., heavy russet leather, double head stall, 6½ ft. quirt rein to buckle, with bit, per dozen, - - - - $27.20

No. 227—1 in., otherwise same as No. 226, - - per dozen 30.40

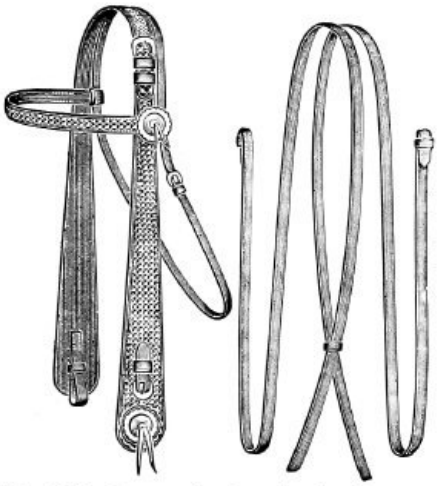


No. 230—⅞ in., russet leather, double cheeks, solid crown, with layer, 6½ ft. quirt reins to loop, with bit, - - per dozen $32.90

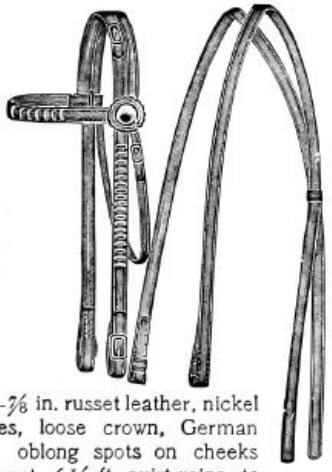


No. 234—⅞ in., russet leather, oiled, double head stall, fringed front and slide loops, 6½ ft. fringed quirt reins, nickel buckles with bit, - - - per dozen $48.10

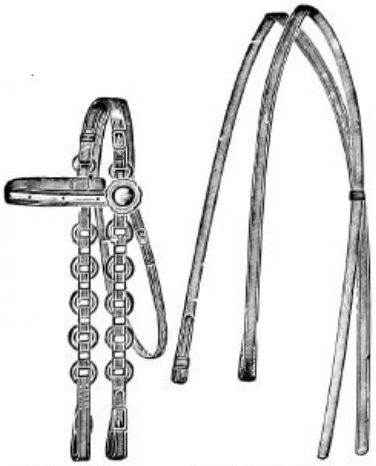
RIDING BRIDLES.



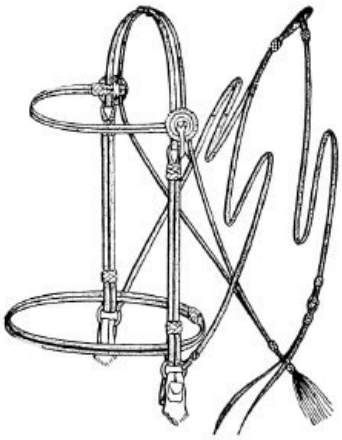
No. 240—Russet leather headstall 2½ in., tapered to 1 in., hand stamped, 7 ft. quirt reins to loop, nickel conchas and nickel swedge buckles without bits, per dozen $55.20



No. 250—⅞ in. russet leather, nickel buckles, loose crown, German silver oblong spots on cheeks and front, 6½ ft. quirt reins to loop, without bits, - per dozen $37.00



No. 255—¾ in. russet leather, nickel rings, celluloid loops in assorted colors, nickel front, 6½ ft. quirt reins to loop, without bits, per dozen, - - - - $42.20

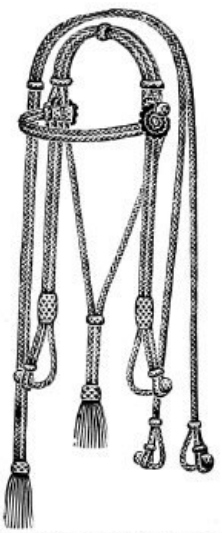


No. 260—Russet California oak leather, ⅜ in. half round double cheeks, front and nose band, ½ in. half round romal with quirt tail attached, 13 white rawhide braided buttons, without bits, per dozen - - - $55.20

No. 266. No. 269.

No. 266—Russet, **one ear,** fancy scalloped cheeks, nickel conchas and spots, nickel swedge buckles without reins or bits, per dozen $27.60

No. 269—Russet, **two ear,** fancy scalloped cheeks, German silver spots on cheeks and face pieces, nickel conchas, nickel swedge buckles, without reins or bits, per dozen, - - - $31.00

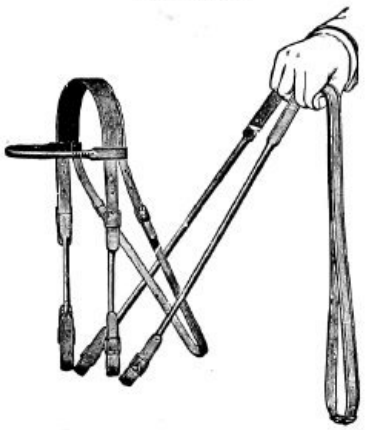


No. 245—Mexican cowboy style, russet leather, 4 plait, double cheeks and front, adjustable crown, 9 slide loops and 15 buttons, without bits, - - per dozen $45.00

No. 248—Mexican cowboy style, solid leather filling, best latigo leather, 8 plait double cheeks and front, separate braided billets in cheeks and reins, adjustable crown, 9 slide loops and 19 buttons, romal and quirt tail attached, - - per dozen $100.00

BRIDLES.

RIDING.

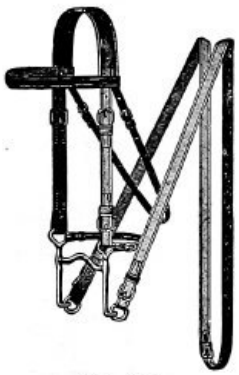


No. 320R—Russet leather, ¾ in. round cheeks, front and reins, solid crown, nickel buckles, *without bit*, - per dozen $27.20

No. 321R—⅞ in., otherwise same as No. 320R, - - per dozen 28.90

No. 330—Russet leather, ¾ in. round head stall, front and reins, nickel buckles, *without bit*, per dozen $38.50

PONY.

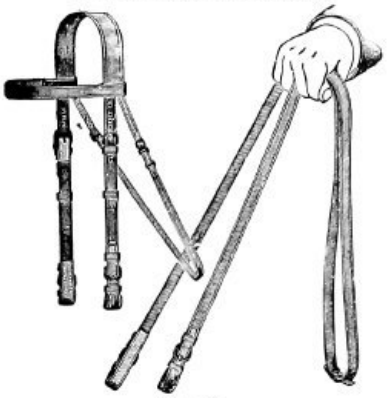


No. 415.

No. 410—Russet leather, ¾ in. cheeks, solid crown, 4 ft. rein, center bar buckles, full snaffle bit, - - - per dozen $30.30

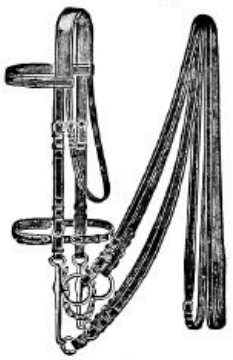
No. 415—Russet leather, ¾ in. cheeks, solid crown, 4 ft. reins, nickel buckles, with bit, per dozen - - - - - 31.50

ENGLISH RIDING.



Snaffle.

No. 276—English russet leather, ¾ in. cheeks, solid crown, ⅞ in. reins, leather covered buckles, *without bit*, per dozen $21.70

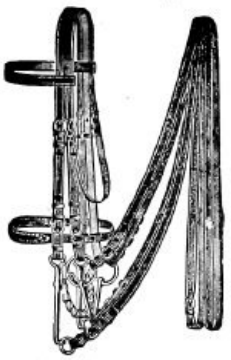


No. 284.

Pelham.

No. 282—English russet leather, ¾ in. cheeks, double reins, one ¾ in., the other ⅞ in., leather covered buckles, with bit and curb, chain, - per dozen $44.00

No. 284—Lined and stitched nose band, silver plated buckles, otherwise same as No. 282, per dozen 100.70



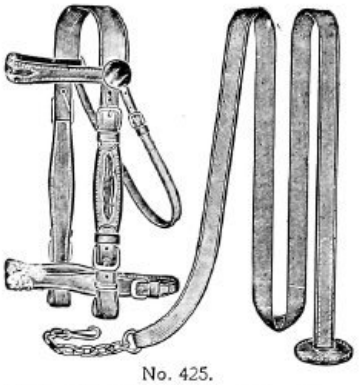
No. 288.

Weymouth.

No. 286—English russet leather, ¾ in. double cheeks, double reins, one ¾ in., the other ⅞ in., leather covered buckles, with bits and curb chains, per dozen $53.10

No. 288—Lined and stitched nose band, silver plated buckles, otherwise same as No. 286 - dozen 106.30

STALLION.



No. 425.

No. 420—Russet leather, 1¼ in. cheeks, solid crown, fancy leather front, 13 ft. lead with chain, XC buckles, *without bit*, per dozen, - - - - $48.10

No. 425—Russet leather, 1¼ in. billets, solid crown, fancy red inlaid swell cheeks, front and nose band, 13 ft. lead with chain, brass buckles, *without bit*, - - - per dozen 85.60

RIDING MARTINGALES.

No. 485—Flat, russet leather, XC plate buckles and rings, per dozen, - - - - - $10.20

No. 493—English russet leather, flat neck strap, leather covered buckles and rings, per dozen 16.40

No. 496—English russet leather, round neck strap, electro silver plated buckles and rings, per dozen, - - - - 24.60

RIDING BRIDLE REINS.

No. 460.

No. 450—Russet leather, ¾ in. wide, 4½ ft. long, XC buckles, per dozen $ 9.80

No. 451—Russet leather, ⅞ in. wide, 4½ ft. long, XC buckles, per dozen 10.80

No. 460—Russet leather, quirt reins, ¾ in. wide, 6½ ft. long, to loop in bit, - - per dozen 15.50

No. 461—Russet leather, quirt reins, ⅞ in. wide, 6½ ft. long, to loop in bit, - - per dozen 16.80

TEAM HAME STRAPS.

20 Inches Made Up, Patent Loop, Japanned Trimmed.

Nos.	450	451	452
Width,	¾	⅞	1 in.
W't per doz.,	1 5/8	2	2½ lbs.
Per dozen,	$1.60	1.85	2.15

21 Incnes Made Up, Hand Sewed, Japanned Trimmed.

Nos.	454	455	456	457	458
Width,	¾	⅞	1	1⅛	1¼ in.
W't per doz.,	2	2¼	2½	3	3½ lbs
Per dozen,	$2.15	2.50	2.85	3.25	3.75

24 Inches Made Up, Hand Sewed, Japanned Trimmed.

Nos.	459	460	461	462	463
Width,	¾	⅞	1	1⅛	1¼ in.
W't per doz.	2	2¼	2¾	3½	4 lbs.
Per dozen	$2.50	2.85	3.30	3.85	4.35

30 Inches Made Up, Extra Heavy, Hand Sewed. Japanned Trimmed.

Nos.	464	465	466	467
Width,	⅞	1	1⅛	1¼ in.
W't per doz.	2¾	3¼	4	4½ lbs
Per dozen,	$3.75	4.20	4.65	5.10

BUGGY HAME STRAPS.

20 Inches Made Up, Hand Sewed, Nickel Trimmed.

No. 468—⅝ in., w't per doz. 1 lb., - - per dozen $2.15
No. 469—¾ in., w't per doz. 1¾ lbs., - - " 2.60

20 Inches Made Up, Hand Sewed, Imitation Rubber Trimmed.

No. 470—⅝ in., w't per doz. 1 lb., - - per dozen $2,15
No. 471—¾ in., w't per doz. 1¾ lbs., - - " 2.60

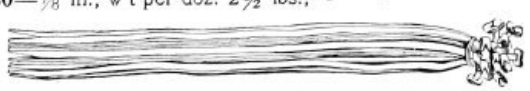
RAWHIDE HAME STRINGS.

36 Inches Long, Slit End.

No. 475—⅝ in., w't per doz. 1½ lbs. - - per dozen $0.90
No. 476—¾ in., w't per doz. 2 lbs. - - " 1.10

42 Inches Long, Slit End.

No. 479—¾ in., w't per doz. 2 lbs., - - per dozen $1.30
No. 480—⅞ in., w't per doz. 2½ lbs., - - " 1.40



42 Inches Long, Knotted End.

No. 482—¾ in., w't per doz. 2½ lbs., - - per dozen $1.50
No. 483—⅞ in., w't per doz· 3 lbs., - - " 1.80

LAZY STRAPS.

36 Inches Made Up, Japanned Trimmed.

No. 400—1 in., w't per doz. 3½ lbs., - per dozen $5.00
No. 401—1⅛ in., w't per doz. 4½ lbs., - " 5.50

CRUPPER FORKS.

No. 10—¾ in. forks, folded cruppers to buckle, japanned, per dozen - - - - - - - - - $9.00

ALL ABOVE ONE DOZEN IN A BUNDLE.

BREECHING SIDE STRAPS.

Buggy, Creased, XC Trimmed.

Nos.	399	400	401	402
Width,	¾	⅞	1	1⅛ in.
Length,	4	4	4	4 ft.
W't per doz.,	3¾	4¼	5	6 lbs
Per single dozen,	$8.70	10.00	12.00	13.50

Buggy, Creased, Japanned Trimmed.

Nos.	403	404	405	406
Width,	¾	⅞	1	1⅛ in.
Length,	4	4	4	4 ft.
W't per doz.,	3¾	4¼	5	6 lbs.
Per single dozen,	$8.70	10.00	12.00	13.50

Buggy, Plain Edge, Nickel Trimmed.

Nos.	407	408	409	410
Width,	¾	⅞	1	1⅛ in.
Length,	4	4	4	4 ft.
W't per doz.,	4	4½	5	6 lbs.
Per single dozen,	$5.00	5.50	6.50	7.50

Buggy, Plain Edge, Imitation Rubber Trimmed.

Nos.	411	412	413	414
Width,	¾	⅞	1	1⅛ in.
Length,	4	4	4	4 ft.
W't per doz.,	4	4½	5	6 lbs
Per single dozen,	$5.00	5.50	6.50	7.50

Express, Creased, Japanned Trimmed.

Nos.	420	421	422
Width,	1	1⅛	1¼ in.
Length,	4½	4½	4½ ft.
W't per doz.,	5	7¼	8¼ lbs.
Per single dozen,	$7.50	8.25	9.50

Express, Creased, Brass Trimmed.

Nos.	425	426	427
Width,	1	1⅛	1¼ in.
Length,	4½	4½	4½ ft.
W't per doz.,	5	7¼	8¼ lbs
Per single dozen,	$7.80	8.60	10.00

Team, Japanned Trimmed.

Nos.	440	441	442
Width,	⅞	1	1¼ in.
Length,	5½	5½	5½ ft.
W't per doz.,	5½	7¼	9 lbs
Per single dozen,	$7.00	8.00	9.75

CURB STRAPS.

Russet Leather.

No. 20—½ in., XC buckles, per dozen - - - - $2.50
No. 22—½ in., leather covered buckles, - per dozen 3.50

Black Leather.

No. 30—½ in. XC buckles, per dozen - - - - $2.50

BRIDLE FACE PIECES.

No. 50—Single leather billet and fork, white zylonite ring, brass spots, - per dozen $6.00

POLE STRAPS.

XC Trimmed, Length 4½ Feet, Imitation Hand Sewed.

No. 300—1¼ in., w't per single doz. 7 lbs., per single dozen $8.20
No. 301—1½ in., w't per single doz. 9 lbs., " " 9.50

XC Trimmed, Length 4½ Feet, Hand Sewed.

No. 304—1¼ in., w't per single doz. 8 lbs., per single dozen $ 9.00
No. 305—1½ in., w't per single doz. 9 lbs., " " 10.50
No. 306—1¾ in., w't per single doz. 11 lbs., " " 12.20
No. 307—2 in., w't per single doz. 12 lbs., " " 14.15

HALF DOZEN IN A BUNDLE

XC Trimmed, Length 4½ Feet, Hand Sewed, with Ring and Safe.

No. 312—1½ in., w't per single doz. 12 lbs., per single dozen $12.20
No. 315—1¾ in., w't per single doz. 13 lbs., " " 14.15

Japanned Trimmed, Length 4¾ Feet, Hand Sewed, with Ring and Safe, Extra Heavy.

No. 321—1½ in., w't per single doz. 13 lbs., per single dozen $15.00
No. 322—1¾ in., w't per single doz. 16 lbs., " " 16.25
No. 323—2 in., w't per single doz. 18 lbs., " " 19.00

HALF DOZEN IN A BUNDLE

CHOKE STRAPS.

Team, XC Trimmed, Length 3½ Feet, Hand Sewed, 21 Inch Billets.

No. 360—1 in., w't per single doz. 6 lbs., per single dozen $ 6.50
No. 361—1⅛ in., w't per single doz. 7 lbs., " " 7.50
No. 362—1¼ in., w't per single doz. 8 lbs., " " 8.50
No. 363—1½ in., w't per single doz. 11 lbs., " " 10.50
No. 364—1¾ in., w't per single doz. 13 lbs., " " 12.00

Buggy, Nickel Trimmed, Length 3½ Feet, Hand Sewed, 18 Inch Billets.

No. 370—⅞ in., w't per single doz. 5 lbs., - per single dozen $6.50
No. 371— 1 in., w't per single doz 6 lbs., - " " 7.50

Buggy, Imitation Rubber Trimmed, Length 3½ Feet, Hand Sewed, 18 Inch Billets.

No. 376—⅞ in., w't per single doz. 5 lbs., - per single dozen $6.50
No. 377— 1 in., w't per single doz. 6 lbs., - " " 7.50

HALF DOZEN IN A BUNDLE.

COW BELL STRAPS.

1½×42 in., w't per dozen 5 lbs., - per dozen $3.75
1¾×42 in., w't per dozen 6 lbs., - per dozen 4.25

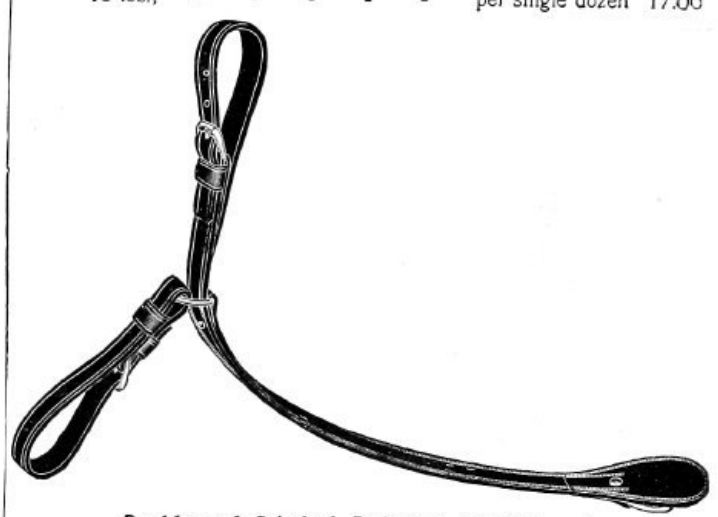
TEAM MARTINGALES.

Length 4½ Feet, Hand Sewed, Ring in Loop, with 1 Inch Collar Strap.

No. 352—1½ in., japanned trimmed, w't per single doz. 9 lbs., - - - - - per single dozen $12.50
No. 353—1¾ in., japanned trimmed, w't per single doz. 11 lbs., - - - - per single dozen 14.00

Length 3½ Feet, Hand Sewed, 21 Inch Billets, Ring in Loop, with 1 Inch Collar Strap.

No. 354—1½ in., japanned trimmed, w't per single doz. 11 lbs., - - - - - per single dozen $15.50
No. 355—1¾ in., japanned trimmed, w't per single doz. 13 lbs., - - - - - per single dozen 17.00



Double and Stitched, Imitation Hand Sewed, with Safe, Extra Heavy.

No. 356—1½ in., japanned trimmed, w't per single doz. 24 lbs., - - - - - per single dozen $30.00

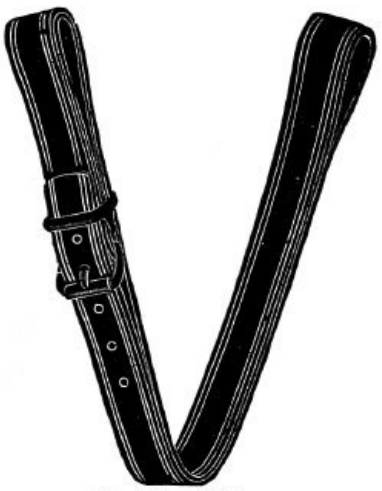
HALF DOZEN IN A BUNDLE.

COLLAR STRAPS.

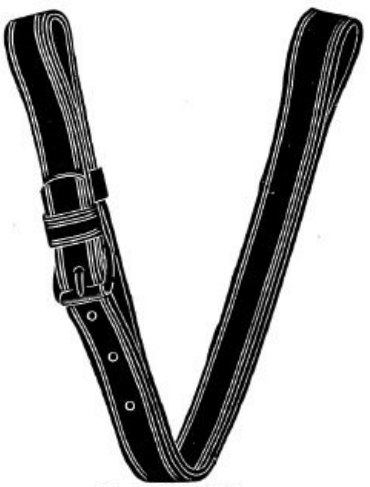
No. 400—⅞ in., no rings, - - - per single dozen $2.50
No. 401—⅞ in., 1 in. ring, - - " " 2.70
No 402—⅞ in., 2 in ring, - - " " 2.90

HALF DOZEN IN A BUNDLE.

BREAST STRAPS.



Nos. 204 and 205.



Nos. 206 to 209.

Nos. 214 to 216.

XC Trimmed, Length 4½ Feet, Twin Loops.

No. 204—1¼ in., weight per single dozen 8 lbs., - - - - - - - - - - - - per single dozen $ 8.80
No. 205—1½ in., weight per single dozen 9 lbs., - - - - - - - - - - - - " " 10.25

XC Trimmed, Length 4½ Feet, Hand Sewed.

No. 206—1¼ in., weight per single dozen 9 lbs., - - - - - - - - - - - - per single dozen $10.25
No. 207—1½ in., weight per single dozen 11 lbs., - - - - - - - - - - - - " " 11.25
No. 208—1¾ in., weight per single dozen 13 lbs., - - - - - - - - - - - - " " 13.30
No. 209—2 in., weight per single dozen 14 lbs., - - - - - - - - - - - - " " 15.30

Japanned Trimmed, Extra Heavy, Hand Sewed, Length 5 Feet 2 Inches.

No. 214—1½ in., weight per single dozen 13 lbs., - - - - - - - - - - - - per single dozen $13.00
No. 215—1¾ in., weight per single dozen 15 lbs., - - - - - - - - - - - - " " 15.60
No. 216—2 in., weight per single dozen 17 lbs., - - - - - - - - - - - - " " 18.15

XC Patent Buckle Snaps, Japanned Slides.

No. 203—1½ in. wide, two ply leather, w't per single doz. 19 lbs., - - - - - - per single dozen $8.75

BREAST STRAP EXTENSIONS.

No. 225—1½ in. wide, 28 in. long, japanned trimmed, extra heavy, w't per single doz. 6 lbs., - per single dozen $4.00
No. 226—1¾ in. wide, 28 in. long, japanned trimmed, extra heavy, w't per single doz. 7 lbs., - per single dozen 5.00

DOUBLE TEAM LINES.

Black Leather, XC Trimmed, Bolt Snaps Sewed In.

Nos.	200	201	202	203	204	205	206	207	208	209	210	211	
Width,	⅞	1	1⅛	1¼	⅞	1	1⅛	1¼	⅞	1	1⅛	1¼	in.
Length,	14	14	14	14	16	16	16	16	18	18	18	18	ft.
W't per pair,	3	3½	4	4¼	3¼	3¾	4¼	4¾	3½	4	4½	5¼	lbs.
Per pair,	$2.70	3.00	3.34	3.70	2.90	3.30	3.70	4.20	3.20	3.50	4.00	4.50	

Black Leather, XC Trimmed, No. 1880 Buckles and German Snaps.

Nos.	212	213	216	217	218	
Width,	⅞	1	⅞	1	1⅛	in.
Length,	15	15	18	18	18	ft.
W't per pair,	3	3¾	3¾	4¼	4¾	lbs.
Per pair,	$3.20	3.50	3.60	4.00	4.50	

Black Leather, XC Trimmed, Bar Buckles.

Nos.	220	221	222	223	224	225	226	227	228	229	230	
Width,	⅞	1	1⅛	1¼	⅞	1	1⅛	1¼	⅞	1	1⅛	in.
Length,	15	15	15	15	18	18	18	18	20	20	20	ft.
W't per pair,	3	3¾	4¼	4¾	3½	4¼	4½	5	4	4½	5	lbs.
Per pair,	$3.30	3.70	4.20	4.70	3.90	4.30	4.80	5.40	4.30	4.80	5.40	

Black Leather, Hand Sewed, XC Trimmed.

Nos.	232	233	236	237	238	239	240	241	242	243	244	245	246	248	249	
Width,	⅞	1	⅞	1	1⅛	1¼	⅞	1	1⅛	1¼	⅞	1	1⅛	⅞	1	in.
Length,	15	15	18	18	18	18	20	20	20	20	22	22	22	24	24	ft.
W't per pair,	3¼	4	3¾	4¼	4¾	5¼	4½	4¾	5½	5¾	4½	5	5¾	4¾	5½	lbs.
Per pair,	$3.70	4.10	4.20	4.60	5.10	6.00	4.50	5.00	5.60	6.35	4.90	5.50	6.20	5.40	6.00	

No. 255—Black leather, XC trimmed, ⅞ in. ring billets, round fronts, 1 in. hand parts, 18 ft. long, weight per pair 5 lbs., - per pair $7.00

LINES.

SINGLE BUGGY.

Black Leather, to Loop in Bit.

No. 10— ⅞ in. wide, 13 ft. long, weight per pair 1½ lbs., - - - - - - - - - - - - per pair $2.40
No. 11—1 in. wide, 13 ft. long, weight per pair 1¾ lbs., - - - - - - - - - - - - " 2.80

Black Leather, Nickel Trimmed, Buckle and Billet.

No. 18—1 in. wide, 13 ft. long, weight per pair 2¼ lbs., - - - - - - - - - - - - per pair $3.30

Black Leather, Imitation Rubber Trimmed, Buckle and Billet.

No. 20—1 in. wide, 13 ft. long, weight per pair 2¼ lbs., - - - - - - - - - - - - per pair $3.30

Black Leather, Spring Billets.

No. 25—Nickel trimmed, ⅞ in. fronts, 1⅛ in. hand parts, 13½ ft. long, weight per pair 2 lbs., - - - - - per pair $3.50
No. 26—Imitation rubber trimmed, ⅞ in. fronts, 1⅛ in. hand parts, 13½ ft. long, weight per pair 2 lbs, - - - " 3.50
No. 27—Genuine rubber trimmed, ⅞ in. fronts, 1⅛ in. hand parts, 13½ ft. long, weight per pair 2 lbs., - - - " 3.80
No. 35—Nickel trimmed, 1 in. fronts, 1⅛ in. hand parts, 13½ ft. long, weight per pair 2¼ lbs., - - - - - " 3.80
No. 36—Imitation rubber trimmed, 1 in. fronts, 1⅛ in. hand parts, 13½ ft. long, weight per pair 2¼ lbs., - - - " 3.80
No. 37—Genuine rubber trimmed, 1 in. fronts, 1⅛ in. hand parts, 13½ ft. long, weight per pair 2¼ lbs., - - - " 3.80

Black Front Part, Russet Hand Parts, Spring Billets.

No. 28—Nickel trimmed, ⅞ in. fronts, 1⅛ in. hand parts, 13½ ft. long, weight per pair 2 lbs., - - - - - per pair $3.80
No. 29—Imitation rubber trimmed, ⅞ in. fronts, 1⅛ in. hand parts, 13½ ft. long, weight per pair 2 lbs., - - - " 3.80
No. 30—Genuine rubber trimmed, ⅞ in. fronts, 1⅛ in. hand parts, 13½ ft. long, weight per pair 2 lbs., - - - " 4.00

Genuine Beaded.

No. 55—Black leather, 6 ft. beaded fronts, 1⅛ in. hand parts, spring billets, 13½ ft. long, weight per pair 1¾ lbs., - per pair $6.60
No. 56—Russet leather, 6 ft. beaded fronts, 1⅛ in. hand parts, spring billets, 13½ ft. long, weight per pair 1¾ lbs., - " 7.20

SINGLE SURREY.

Buckles and Billets, 13½ Feet Long.

No. 66—Russet leather, nickel trimmed, 1 in. fronts, 1⅛ in. hand parts, weight per pair 2 lbs., - - - - - per pair $5.50
No. 67—Russet leather, brass trimmed, 1 in. fronts, 1⅛ in. hand parts, weight per pair 2 lbs., - - - - - " 5.50

SINGLE EXPRESS.

Japanned, 13 Feet Long.

No. 70—1 in., black leather, japanned trimmed, weight per pair 2⅛ lbs., - - - - - - - - per pair $3.10
No. 71—1⅛ in., black leather, japanned trimmed, weight per pair 2¼ lbs., - - - - - - - - " 3.50

SINGLE DRAY.

No. 80—1¼ in., black leather, 18 ft. long, japanned trimmed, buckles and billets, weight per pair 3¾ lbs., - - - per pair $5.20

LINES.

DOUBLE BUGGY.

No. 110—Black leather, nickel trimmed, 1 in. fronts, 1⅛ in. hand parts, 14½ ft. long, weight per set 3¾ lbs., - - per set $6.60
No. 111—Black leather, imitation rubber trimmed, 1 in. fronts, 1⅛ in. hand parts, 14½ ft. long, weight per set 3¾ lbs., - " 6.60

No. 120—Black leather, nickel trimmed, round fronts, 1⅛ in. hand parts, 14½ ft. long, weight per set 3¾ lbs., - - per set $7.40
No. 121—Black leather, imitation rubber trimmed, round fronts, 1⅛ in. hand parts, 14½ ft. long, weight per set 3¾ lbs., - " 7.40

Genuine Beaded Fronts, Spring Billets, Flat Hand Parts.

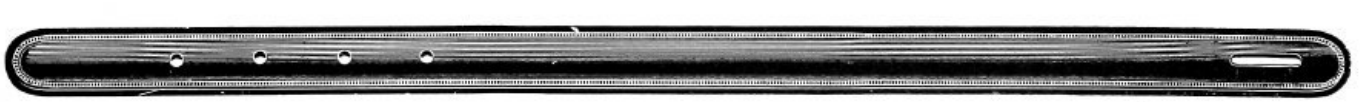
No. 135—Black leather, genuine rubber trimmed, genuine beaded fronts, 1⅛ in. hand parts, sewed or buckled on, 14½ ft. long, weight per set 3¼ lbs., - per set $15.40
No. 136—Russet leather, genuine rubber trimmed, genuine beaded fronts, 1⅛ in. hand parts, sewed or buckled on, 14½ ft. long, weight per set 3¼ lbs., - per set 16.00

DOUBLE COACH.

No. 159—Russet leather, solid nickel trimmed, 1 in. fronts, 1⅛ in. hand parts, 16 ft. long, weight per set 4 lbs., - - per set $14.90
No. 160—Russet leather, brass trimmed, 1 in. fronts, 1⅛ in. hand parts, 16 ft. long, weight per set 4 lbs., - - - " 13.80

TRACES.

BUGGY.



Flat.

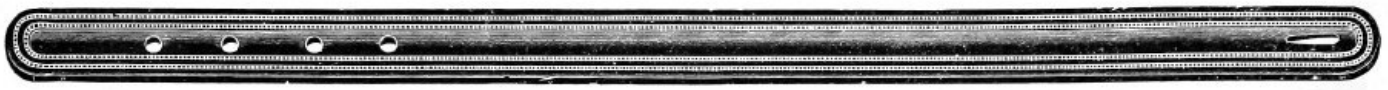
No. 2—1 in. wide, 5 ft. 10 in. long, weight per pair 1½ lbs., - - - - - - - - - - - per pair $2.20
No. 7—1⅛ in. wide, 6 ft. 4 in. long, weight per pair 2 lbs., - - - - - - - - - - - " 3.10
No. 8—1¼ in. wide, 6 ft. 4 in. long, weight per pair 2½ lbs., - - - - - - - - - - - " 3.60

Raised, Round Edge.

No. 11—1⅛ in. wide, 6 ft. long, weight per pair 2 lbs., - - - - - - - - - - - - per pair $3.30
No. 12—1¼ in. wide, 6 ft. long, weight per pair 2¼ lbs., - - - - - - - - - - - - " 3.80
No. 15—1⅛ in. wide, 6½ ft. long, weight per pair 2¼ lbs., - - - - - - - - - - - - " 3.90
No. 16—1¼ in. wide, 6½ ft. long, weight per pair 2¾ lbs., - - - - - - - - - - - - " 4.30

TRACES.

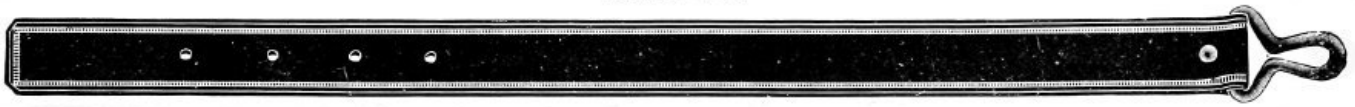
COACH.



Round Edge, Four Rows Stitching, with Dart Holes.

No. 26—1⅜ in. wide, 6 ft. 9 in. long, weight per set 6¼ lbs., - - - - - - - - - - - - per set $13.80
No. 27—1½ in. wide, 6 ft. 9 in. long, weight per set 6¾ lbs., - - - - - - - - - - - - " 15.00

EXPRESS.



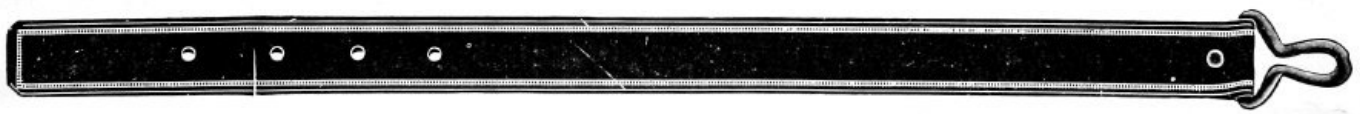
Round Edge, Double and Stitched, with Cock Eye.

No. 35—1¼ in. wide, 6 ft. long, weight per pair 3¼ lbs., - - - - - - - - - - - - per pair $4.60
No. 37—1½ in. wide, 6 ft. long, weight per pair 4¼ lbs., - - - - - - - - - - - - " 5.80

TEAM.

Double and Stitched, Clip Cock Eye.

No. 75—1¼ in. wide, 6 ft. long, weight per set 6½ lbs., - - - - - - - - - - - - per set $ 8.00
No. 76—1½ in. wide, 6 ft. long, weight per set 8½ lbs., - - - - - - - - - - - - " 9.20
No. 77—1¾ in. wide, 6 ft. long, weight per set 10½ lbs., - - - - - - - - - - - - " 11.50
No. 78—1½ in. wide, 6½ ft. long, weight per set 10½ lbs., - - - - - - - - - - - - " 10.40



Double and Stitched, Triangular Cock Eye Sewed In.

No. 80—1¼ in. wide, 6 ft. long, weight per set 6¾ lbs., - - - - - - - - - - - - per set $10.10
No. 81—1½ in. wide, 6 ft. long, weight per set 8¾ lbs., - - - - - - - - - - - - " 11.20
No. 82—1¾ in. wide, 6 ft. long, weight per set 10¾ lbs., - - - - - - - - - - - - " 12.90
No. 85—1½ in. wide, 6½ ft. long, weight per set 9½ lbs., - - - - - - - - - - - - " 12.40
No. 86—1¾ in. wide, 6½ ft. long, weight per set 11 lbs., - - - - - - - - - - - - " 14.50

Concord, Single Strap, Screw Cock Eye.

No. 100—1½ in. points, 2 in. bodies, 5 ft. 9 in. long, weight per set 7½ lbs., - - - - - - - - - - per set $10.10
No. 101—1¾ in. points, 2¼ in. bodies, 5 ft. 9 in. long, weight per set 9 lbs., - - - - - - - - - - " 11.50

Concord, Single Strap, Screw Cock Eye.

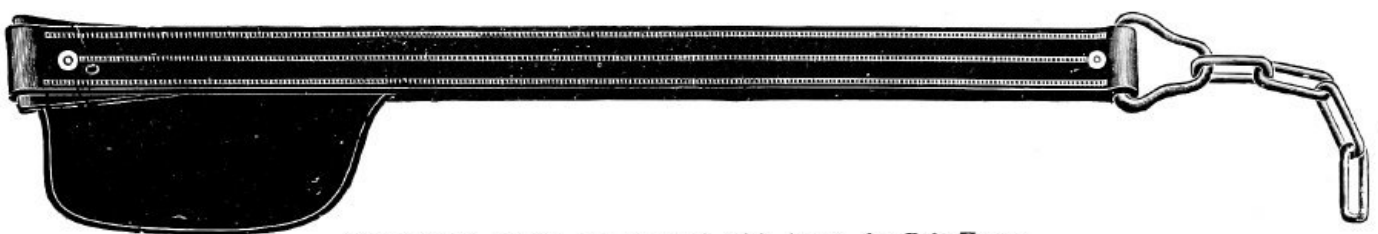
No. 103—1½ in. points, 2¼ in. bodies, 6 ft. long, weight per set 8½ lbs., - - - - - - - - - - per set $12.10
No. 104—1¾ in. points, 2½ in. bodies, 6 ft. long, weight per set 10 lbs., - - - - - - - - - - " 13.50
No. 105—2 in. points, 2¾ in. bodies, 6 ft. long, weight per set 11½ lbs., - - - - - - - - - - " 16.10

TRACES.

SINGLE TRUCK.

Round Edge, Double and Stitched, for Bolt Hames.

No. 53—1½ in. wide, 6 ft. long, 15 in. heel chain, 2 rows stitching, weight per pair 7 lbs., - - - - - per pair $7.40
No. 54—1¾ in. wide, 6 ft. long, 15 in. heel chain, 3 rows stitching, weight per pair 8½ lbs., - - - - - " 9.00



Round Edge, Double and Stitched, with Apron, for Bolt Hames.

No. 58—1¾ in. wide, 6 ft. long, 12 in. heel chain, 3 rows stitching, weight per pair 10 lbs., - - - - - per pair $13.10

DOUBLE TRUCK.

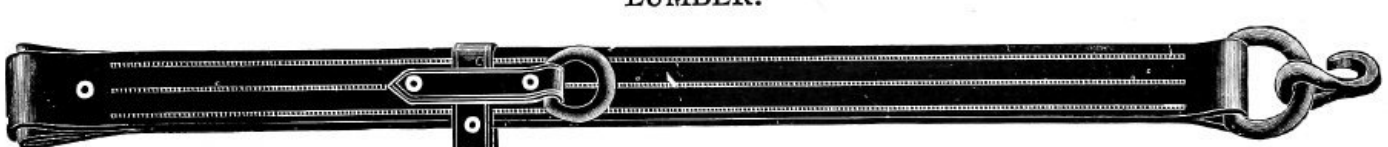
Double and Stitched, Two Rows Stitching, for Bolt Hames.

No. 115—1½ in. wide, 6 ft. long, 12 in. heel chain, 1¼ in. belly band billets, weight per set 14 lbs., - - per set $19.70
No. 116—1¾ in. wide, 6 ft. long, 12 in. heel chain, 1¼ in. belly band billets, weight per set 17¼ lbs., - - " 21.50

Double and Stitched, Three Rows Stitching, for Bolt Hames.

No. 120—1¾ in. wide, 6 ft. 3 in. long, 12 in. heel chain, 1¼ in. belly band billets, weight per set 18½ lbs., - per set $26.70
No. 121—2 in. wide, 6 ft. 3 in. long, 12 in. heel chain, 1¼ in. belly band billets, weight per set 21 lbs., - " 29.50

LUMBER.



With Dee and Hook, Three Rows Stitching.

No. 135—2 in. wide, 5 ft. 4 in. long, weight per set 17 lbs., - - - - - - - - per set $23.00
No. 136—2¼ in. wide, 5 ft. 4 in. long, weight per set 19 lbs., - - - - - - - - " 25.30
No. 137—2½ in. wide, 5 ft. 4 in. long, weight per set 21 lbs., - - - - - - - - " 27.80

HITCH STRAPS.

7 Feet Long, Patent Loop.

No. 100—5/8 in. wide, weight per dozen 3½ lbs., - - - - - - - - - - - - - per dozen $3.70
No. 101—¾ in. wide, weight per dozen 4 lbs., - - - - - - - - - - - - - " 4.30
No. 102—⅞ in. wide, weight per dozen 4¾ lbs., - - - - - - - - - - - - - " 5.00

7 Feet Long, with Snaps Sewed In.

No. 105—5/8 in. wide, weight per dozen 3½ lbs., - - - - - - - - - - - - - per dozen $4.00
No. 106—¾ in. wide, weight per dozen 4¾ lbs., - - - - - - - - - - - - - " 4.70
No. 107—⅞ in. wide, weight per dozen 5½ lbs., - - - - - - - - - - - - - " 5.20

7 Feet Long, with Buckle and Billet.

No. 110—5/8 in. wide, weight per dozen 3¾ lbs., - - - - - - - - - - - - - per dozen $4.70
No. 111—¾ in. wide, weight per dozen 4¾ lbs., - - - - - - - - - - - - - " 5.40
No. 112—⅞ in. wide, weight per dozen 6 lbs., - - - - - - - - - - - - - " 6.30

HALF DOZEN IN A BUNDLE.

HALTER STRAPS.

7 Feet Long, German Snaps Riveted In.

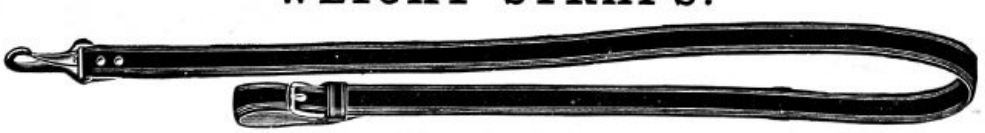
No. 115— ⅞ in. wide, weight per dozen 5 lbs., - - - - - - - - - - - - - per dozen $5.60
No. 116—1 in. wide, weight per dozen 6¼ lbs., - - - - - - - - - - - - - " 6.50
No. 117—1⅛ in. wide, weight per dozen 7½ lbs., - - - - - - - - - - - - - " 7.20
No. 118—1¼ in. wide, weight per dozen 8¾ lbs., - - - - - - - - - - - - - " 7.80

7 Feet Long, to Loop.

No. 120— ⅞ in. wide, weight per dozen 4¾ lbs., - - - - - - - - - - - - - per dozen $5.80
No. 121—1 in. wide, weight per dozen 5½ lbs., - - - - - - - - - - - - - " 7.00
No. 122—1¼ in. wide, weight per dozen 7 lbs., - - - - - - - - - - - - - " 8.50

HALF DOZEN IN A BUNDLE.

WEIGHT STRAPS.



Bronzed Snap, Japanned Buckle.

No. 130—1 in. wide, weight per dozen 8½ lbs., - - - - - - - - - - - - - per dozen $11.00
No. 131—1⅛ in. wide, weight per dozen 9¾ lbs., - - - - - - - - - - - - - " 12.30
No. 132—1¼ in. wide, weight per dozen 11½ lbs., - - - - - - - - - - - - - " 14.00

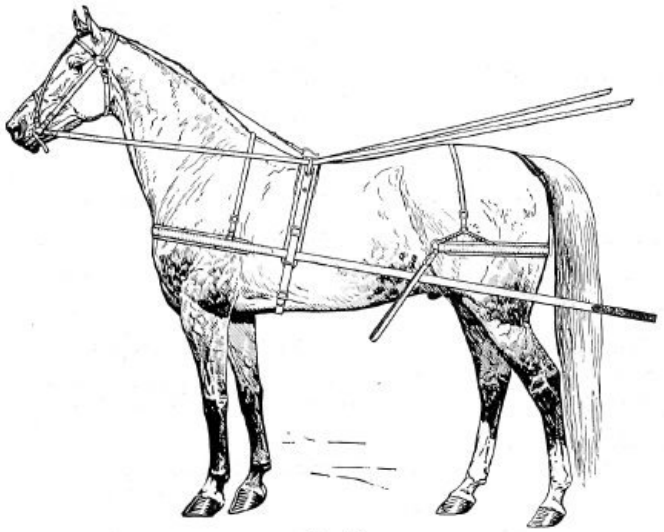
HALF DOZEN IN A BUNDLE.

These goods are all sold per single dozen.

HITCHING WEIGHTS.

No. 1—Japanned iron, weights 12, 15, 20, 25, 30 and 35 lbs., - - - - - - - - - - per pound $0.05

HARNESS.



No. 5Q

Web Buggy.

Bridle — ¾ in. cheeks, overcheck with nose band.
Lines —1⅛ in., to loop in bit.
Breast Collar—2 in., straight, with layer.
Traces —1⅜ in., all one piece around the breast collar, reinforced with good quality of leather at ends.
Saddle —2½ in.
Shaft Tugs —1⅛ in., double thickness.
Belly Bands —1⅛ in.
Breeching —2 in., with 1⅛ in. layer, ¾ in. single hip strap, ⅞ in. breeching straps, ⅞ in. turnback, round leather crupper.

No. 5Q—Plain white, XC trimmed.....per set $5.70

This harness is adjustable throughout and is unexcelled for exhibition purposes.

ONE SET IN A PACKAGE. WEIGHT 6 LBS.

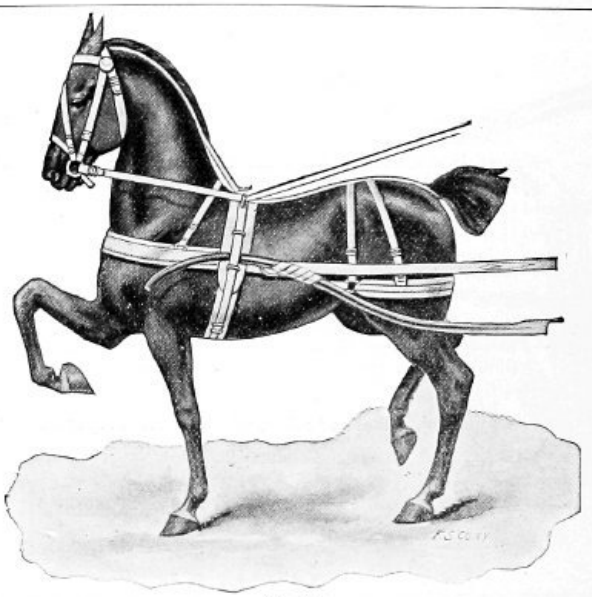
Web Buggy.

Bridle — ¾ in. cheeks, overcheck with nose band.
Lines —1⅛ in., to loop in bit.
Breast Collar—2 in., straight with layer.
Traces —1⅜ in., all one piece around the breast collar, reinforced with good quality of leather at ends.
Saddle —2½ in.
Shaft Tugs —1⅛ in., double thickness.
Belly Bands —1⅛ in.
Breeching —2 in., with 1⅛ in. layer, ¾ in. double hip straps, ⅞ in. breeching strap, ⅞ in. turnback, round crupper.

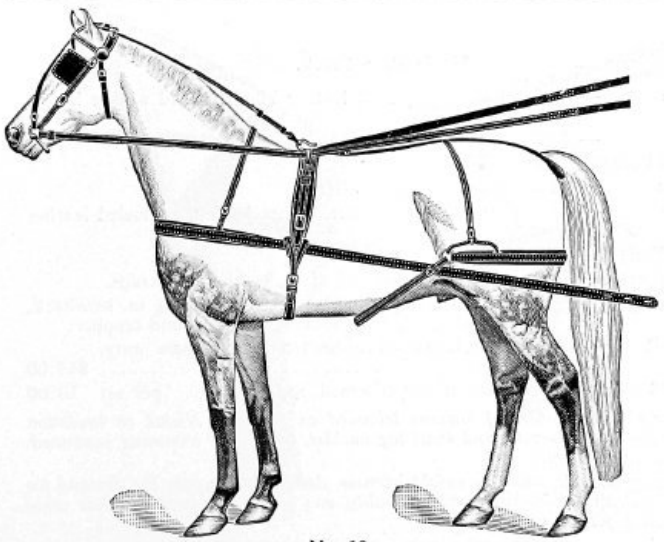
No. 7Q—Plain white, XC trimmed.....per set $6.50

The two styles of web harness described on this page are both attractive and serviceable for little money, the ends of traces at dart holes (the perishable parts) are reinforced with leather.

ONE SET IN A PACKAGE, WEIGHT 6 LBS.



No. 7Q.



No. 10.

Single Buggy.

Bridle — ⅝ in., patent leather blinds, overcheck, flat winker brace.
Lines — ¾ in., to loop in bit.
Breast Collar—Folded, with layer.
Traces —1 in., double and stitched, sewed to breast collar.
Saddle —2½ in., iron jockey, enameled cloth lined pad.
Shaft Tugs — ⅞ in.
Belly Band — ⅞ in., single strap, Griffeth style, ¾ in. shaft strap.
Breeching —Folded, with layer, ¾ in. turnback, ⅝ in. hip strap, ¾ in. breeching strap, folded crupper.

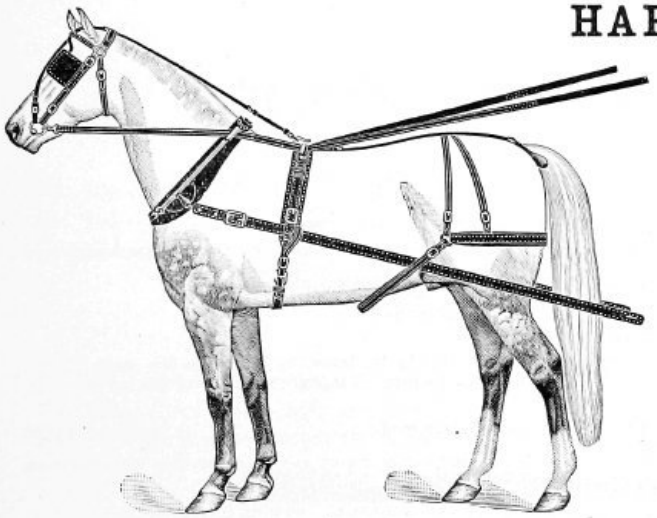
No. 10P—Breast collar, japanned trimmed.....per set $ 9.80
No. 10Q—Breast collar, XC trimmed..... " 9.80
No. 10A—Hame and collar, traces riveted to hames, japanned trimmed, with No. 110 collar.....per set 11.60
No. 10B—Hame and collar, traces riveted to hames, XC trimmed, with No. 110 collar.....per set 11.60

This is a much better harness than the price would indicate and will serve the purpose for which it is intended, to sell CHEAP.

Without hitch straps.

ONE SET IN A BOX. WEIGHT ABOUT 20 LBS.

HARNESS.



No. 14B.

Single Buggy.

Bridle — ⅝ in. cheeks, overcheck, flat winker stay.
Lines — ¾ in. fronts, snaps sewed in, ⅞ in. hand parts.
Hames —3½ lb., iron, full XC plate.
Hame Tugs —With bar buckles.
Traces —1 in., double and stitched.
Saddle —2½ in., iron jockey tree, full enamel cloth lined pad.
Shaft Tugs — ⅞ in. bar buckles.
Belly Bands—⅞ in., flat, Griffith style. ¾ in. shaft straps.
Breeching —Folded, with layer, ¾ in. turnback, with folded crupper to buckle, ½ in. double hip straps, ¾ in. breeching straps.
Collar —No. 110.

No. 14B—XC trimmed, hames and collar, with collar.....per set $12.70

This harness is designed for light usage only, as the dimensions and price indicate, but where collar and hames are desired. In ordering, give size of collar required.

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 24 LBS.

Single Buggy.

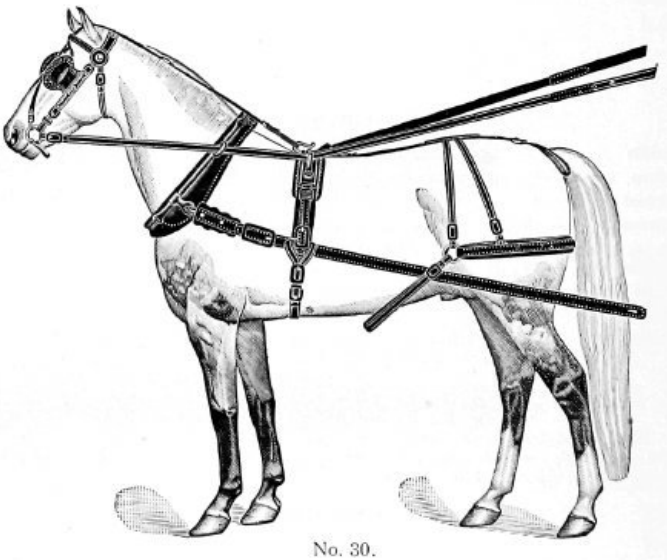
Bridle — ⅝ in. cheeks, box loops, patent leather sensible blinds, overcheck, flat winker stay.
Lines — ¾ in. fronts, with buckle and billet, ⅞ in. russet hand parts.
Hames —3½ lb. iron, full XC plate.
Hame Tugs—1⅛ in., patent leather safes.
Traces —1⅛ in., double and stitched.
Saddle —3 in., patent leather housing and jockey, leather pad, single strap harness leather skirts.
Shaft Tugs —1 in.
Belly Band — ⅞ in., single strap, Griffith style, ⅝ in. shaft strap.
Breeching —Folded, with layer, ⅞ in. turnback, crupper to buckle, ⅝ in. double hip straps, ¾ in. breeching straps.
Collar —No. 110.

No. 30B —XC trimmed, hames and collar, with collar.....per set $16.90

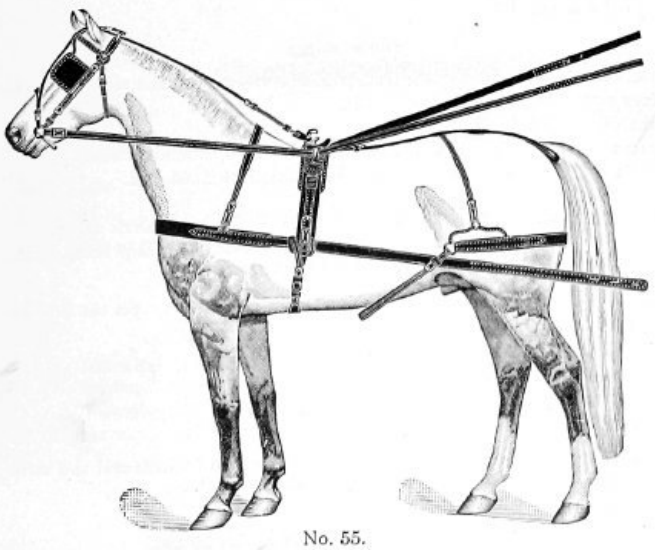
No. 30BO —XC trimmed, hames and collar, less collar..... " 15.30

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 27 LBS.



No. 30.



No. 55.

Single Strap Track.

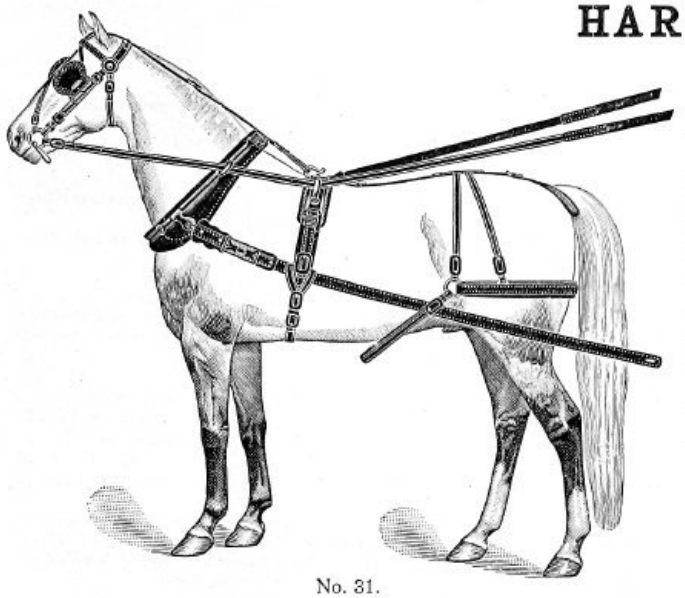
Bridle — ⅝ in., box loop, patent leather blinds, round winker brace, overcheck.
Lines — ⅞ in., to loop in bit.
Breast Collar—1⅝ in., straight.
Traces —1⅛ in., sewed to breast collar.
Saddle —2½ in., single strap, patent leather jockey, enameled leather pad.
Shaft Tugs — ⅞ in., with box loops.
Belly Band —1¼ in., single strap, Griffith style, ¾ in. shaft straps.
Breeching —1½ in., single strap body, three-ring braces, ¾ in. turnback, ⅝ in. hip strap, ¾ in. breeching straps, round crupper.
No. 55R —Breast collar, imitation rubber trimmed, saddle only, per set..... $15.00
No. 55S —Breast collar, nickel trimmed, saddle only....per set 15.00

The above numbers of harness trimmed as follows: Nickel or imitation rubber hooks and terrets, and shaft tug buckles, balance of trimming japanned. Without hitch strap.

A very durable, medium weight harness, designed to supply the demand for a single strap harness of medium quality and neat in appearance that could be retailed for about $10.00.

ONE SET IN A BOX. WEIGHT ABOUT 22 LBS.

HARNESS.



No. 31.

Single Buggy.

Bridle — ⅝ in. cheeks, box loops, patent leather sensible blinds, overcheck, flat winker stay.
Lines — ⅞ in., with buckle, and billet, russet hand parts.
Hames —3½ lb. iron.
Hame Tugs—1⅛ in., box loops, patent leather safes.
Traces —1⅛ in., double and stitched.
Saddle —3 in. patent leather housing and jockey, leather pad, single strap harness leather skirts.
Shaft Tugs —1 in.
Belly Band —1⅜ in. single strap Griffith style, ¾ in. shaft straps.
Breeching —Folded, with layer, ⅞ in. turnback, crupper to buckle, ⅝ in. double hip straps, ⅞ in. breeching straps.
Collar —No. 110.
No. 31B —XC trimmed, hames and collar, with collar.....per set $18.00
No. 31BO—XC trimmed, hames and collar, less collar..... " 16.30

Without hitch strap.

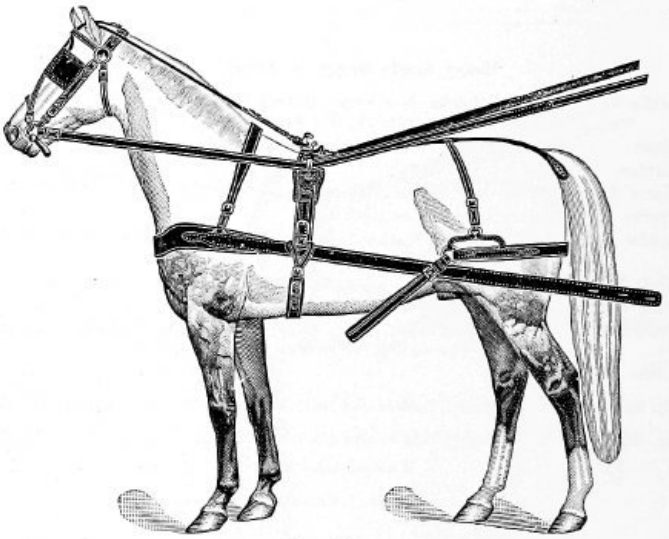
ONE SET IN A BOX. WEIGHT ABOUT 27 LBS.

Single Strap Track.

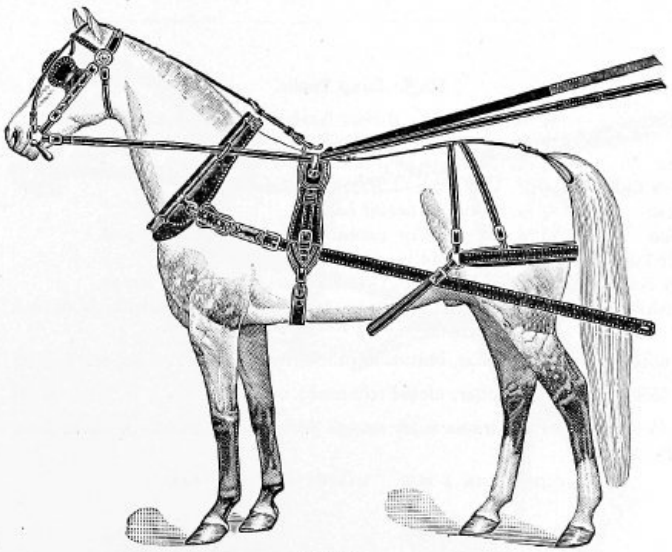
Bridle — ⅝ in., box loops, patent leather blinds, round winker brace, layer on crown, overcheck with nose band.
Lines — ⅞ in. fronts, to loop in bit with box loops, 1 in. hand parts.
Breast Collar—2¾ in., V shaped.
Traces —1¼ in., sewed to breast collar.
Saddle —3 in., single strap, patent leather jockey, swell pad.
Shaft Tugs —1 in., with box loops.
Belly Bands —1⅝ in., single strap, Griffith style, ⅞ in. shaft strap.
Breeching —1⅝ in., single strap body, ⅞ in. scalloped turnback, ¾ in. hip strap, ⅞ in. breeching straps, round crupper.
No. 63R—Breast collar, imitation rubber trimmed.....per set $18.00
No. 63S —Breast collar, nickel trimmed..... " 18.00

Above numbers of harness finished with creased edges, without hitch strap.
A heavy, durable single strap harness of same quality and dimensions of harness selling for $1.00 to $2.00 more and differing only in the mechanical finish on edges and scalloped points.

ONE SET IN A BOX. WEIGHT ABOUT 25 LBS.



No. 63.



No. 33.

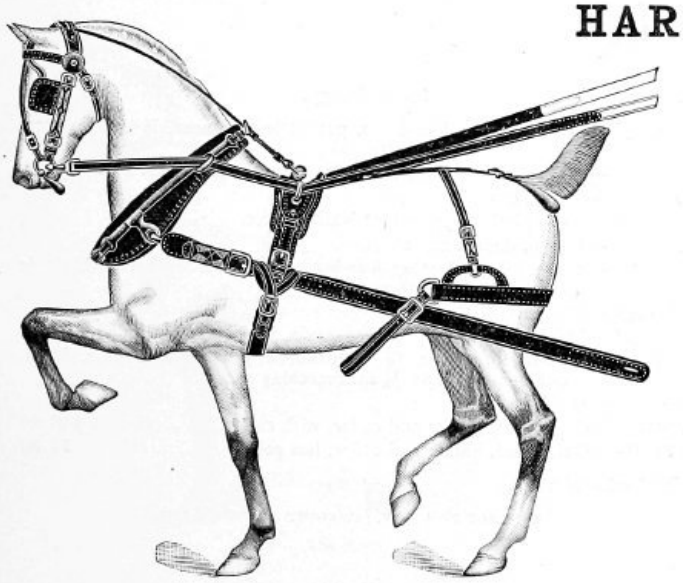
Single Buggy or Surrey.

Bridle — ¾ in. cheeks, box loops, patent leather sensible blinds, over check flat winker stay.
Lines — ⅞ in. fronts, with buckle and billet, 1 in. russet hand parts.
Hames —3½ lb. iron.
Hame Tugs—1¼ in., box loops.
Traces —1¼ in., double and stitched.
Saddle —3½ in., patent leather skirts, iron jockey tree, enamel cloth pad.
Shaft Tugs —1 in., with leather loop.
Belly Band —1⅜ in., single strap, Griffith style, ¾ in. shaft straps.
Breeching —Folded, with layer, ⅞ in. turnback, crupper to buckle, ¾ in. double hip straps, ⅞ in. breeching straps.
Collar —No. 113.
No. 33B —XC trimmed, hames and collar, with collar.....per set $20.50
No. 33BO—XC trimmed, hames and collar, less collar..... " 17.70

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 30 LBS.

HARNESS.



No. 68.

Heavy Single Buggy.

Bridle — ¾ in., box loops, patent leather blinds, patented, lined and stitched, swell winker brace, layer on crown, overcheck.
Lines — ⅞ in. fronts, to snap in bit; 1 in. russet hand parts.
Hames —3½ lbs. iron.
Hame Tugs—1¼ in. box loop, swell ends.
Traces —1¼ in. double and stitched points, 1½ in. single strap body, double and stitched at heel end.
Saddle —3 in. patent leather jockeys, swell housings, lined and stitched skirts, swinging bearers:
Shaft Tugs —1 in., with leather loop.
Belly Band —1⅜ in. single strap, Griffith style, ¾ in. shaft strap.
Breeching —1½ in. double and stitched body, patented, lined and stitched swell stays, ⅞ in. hip strap, ⅞ in. turnback, round crupper to buckle, ⅞ in. breeching straps.
Collar —No. 113.
No. 68D —Nickel trimmed saddle only, hames and collar, with collar.....per set $21.20
No. 68DO —Nickel trimmed saddle only, hames and collar, less collar.....per set 18.40

The above harness trimmed as follows: Nickel hooks and terrets, balance of trimming XC plated. Without hitch strap.

A substantial harness for heavy buggy use and at the same time, cheap in price. Note the features in the WINKER BRACES and BREECHING STAYS, also the dimensions of the TRACES as well as the style of BREECHING BODY, all of which suggest a much higher priced harness.

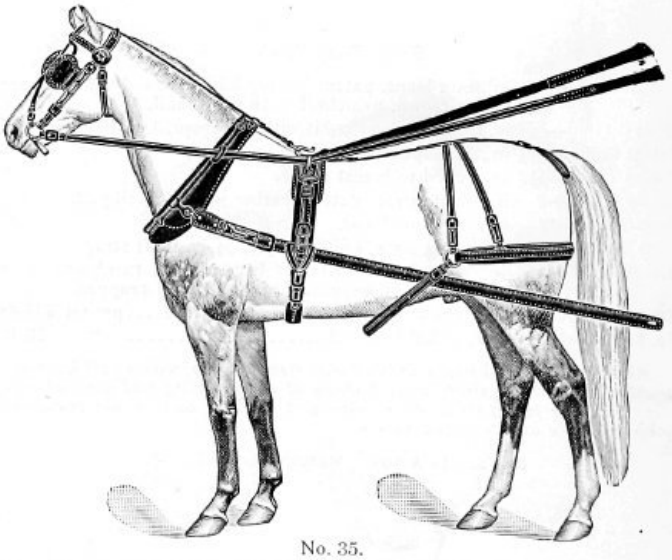
ONE SET IN A BOX. WEIGHT ABOUT 29 LBS.

Heavy Single Buggy or Surrey.

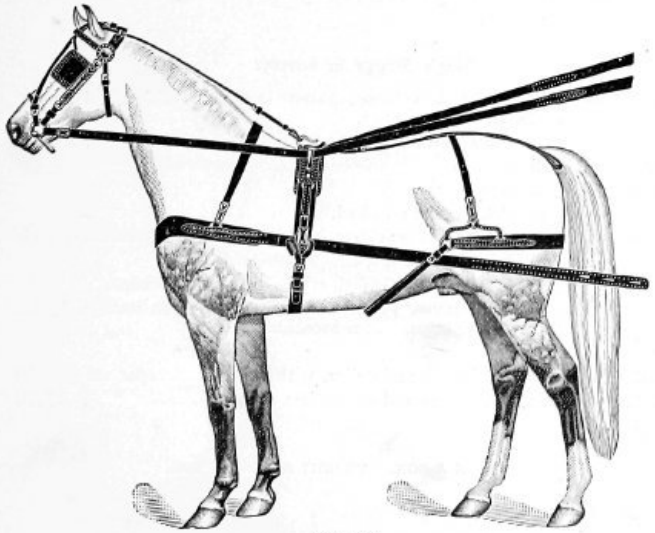
Bridle — ¾ in. cheeks, box loops, patent leather sensible blinds, layer on crown, overcheck, flat winker stay.
Lines — ⅞ in. fronts, with buckles and billet, 1 in. russet hand parts.
Hames —3½ lbs. iron.
Hame Tugs—1¼ in., box loops, swell ends.
Traces —1¼ in., double and stitched.
Saddle —3½ in., patent leather housings and jockeys, leather pad, single strap harness leather skirts.
Shaft Tugs —1 in., box loops.
Belly Band —Folded, Griffith style, ¾ in. shaft straps.
Breeching —Folded, with layer, ⅞ in. turnback, crupper to buckle, ¾ in. double hip straps, ⅞ in. breeching straps.
Collar —No. 113.
No. 35B —XC trimmed, hames and collar, with collar.....per set $21.60
No. 35BO —XC trimmed, hames and collar, less collar..... " 18.70

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 30 LBS.



No. 35.



No. 65.

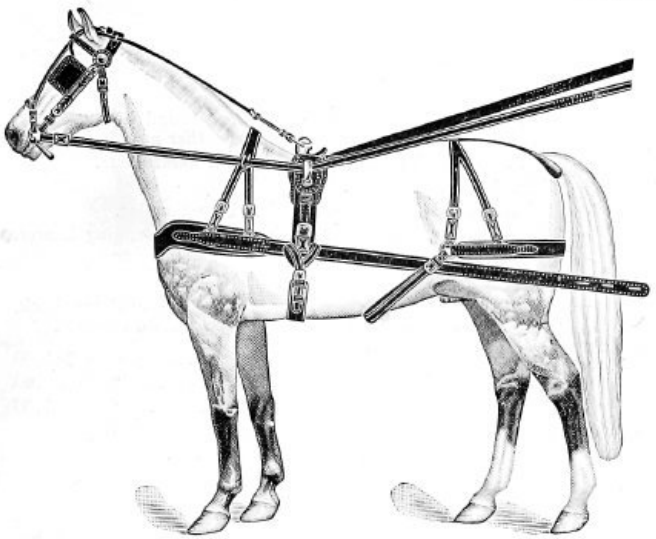
Single Strap Track.

Bridle — ⅝ in., box loops, patent leather blinds, round winker brace, layer on crown, overcheck with nose band.
Lines — ⅞ in. fronts, to loop in bit, 1 in. hand parts.
Breast Collar—2½ in., V-shaped.
Traces —1⅛ in., sewed to breast collar.
Saddle —2½ in., single strap, patent leather jockey, swell pad.
Shaft Tugs — ⅞ in., with box loops.
Belly Band —1½ in., single strap, Griffith style, ¾ in. shaft straps.
Breeching —1½ in., single strap body, ¾ in. scalloped turnback, ⅝ in. hip strap, ⅞ in. breeching strap, round crupper.
No. 65R —Breast collar, imitation rubber trimmed.....per set $19.00
No. 65S —Breast collar, nickel trimmed..... " 19.00

Above numbers of harness made smooth finish, no creasing. Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 25 LBS.

HARNESS.



No. 73.

Single Strap Buggy.

Bridle — 5/8 in., box loops, patent leather blinds, round winker brace, layer on crown, overcheck with nose band.
Lines — 7/8 in. fronts., to loop in bit with box loops, 1 in. hand parts.
Breast Collar—Extra wide, 2¾ in., V shaped, neck strap with rein holders, double split 5/8 in. points.
Traces —1¼ in., sewed to breast collar.
Saddle —3 in., single strap, patent leather jockey, swell pad.
Shaft Tugs —1 in., with box loops.
Belly Band —1⅝ in., single strap, Griffith style, 7/8 in. wrap strap.
Breeching —1⅝ in., single strap body, 7/8 in. scalloped turnback, hip strap double split, 5/8 in. points, 7/8 in. breeching straps, round crupper.

No. 73R—Breast collar, imitation rubber trimmed.....per set $19.20
No. 73S—Breast collar, nickel trimmed..... ..... " 19.20

Above numbers of harness finished with creased edges, without hitch strap. This harness represents the maximum of value at the minimum of cost.

ONE SET IN A BOX. WEIGHT ABOUT 26 LBS.

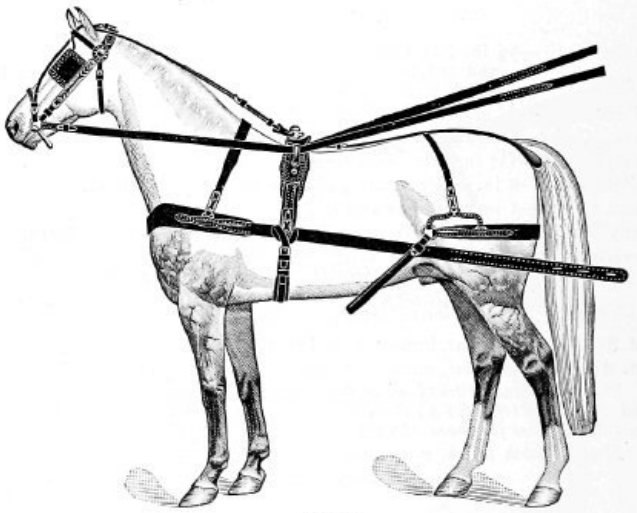
Single Strap Track.

Bridle — 5/8 in., box loops, patent leather blinds, round winker brace, layer on crown, overcheck with nose band.
Lines — 7/8 in. fronts, with spring billets, 1⅛ in. hand parts.
Breast Collar—Extra wide, 2¾ in., V-shaped.
Traces —1¼ in., sewed to breast collar.
Saddle —3 in., single strap, patent leather jockey, swell pad.
Shaft Tugs —1 in., with box loops.
Belly Band —1⅝ in. single strap, Griffith style, 7/8 in. shaft straps.
Breeching —1⅝ in. single strap body, 7/8 in. scalloped turnback, ¾ in. single hip strap, 7/8 in. breeching straps, round crupper.

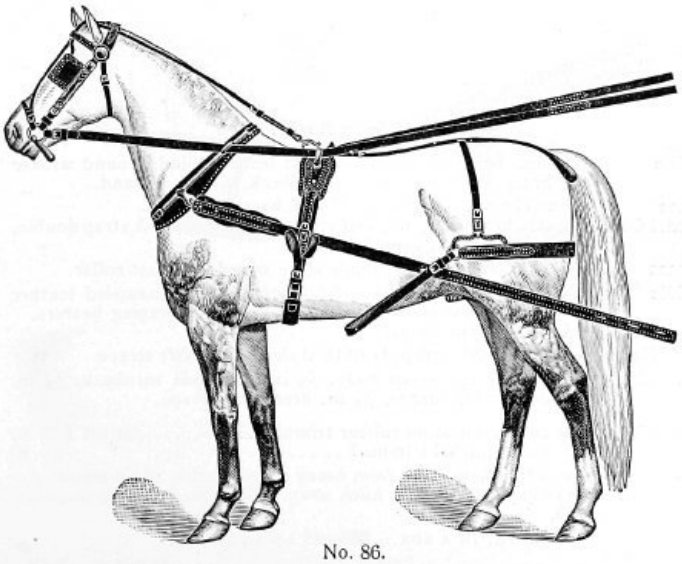
No. 80R —Breast collar, imitation rubber trimmed .....per set $20.40
No. 80S —Breast collar, nickel trimmed..... " 20.40
No. 80CC—Breast collar, full genuine rubber trimmed ..... " 24.40

This being the most popular in style and price of any single strap harness on the market, we have made extraordinary efforts to provide a harness that the quality of material, workmanship and finish, will satisfy the most exacting. Made smooth finish, pressed loops throughout. Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 25 LBS.



No. 80.



No. 86.

Single Strap Buggy.

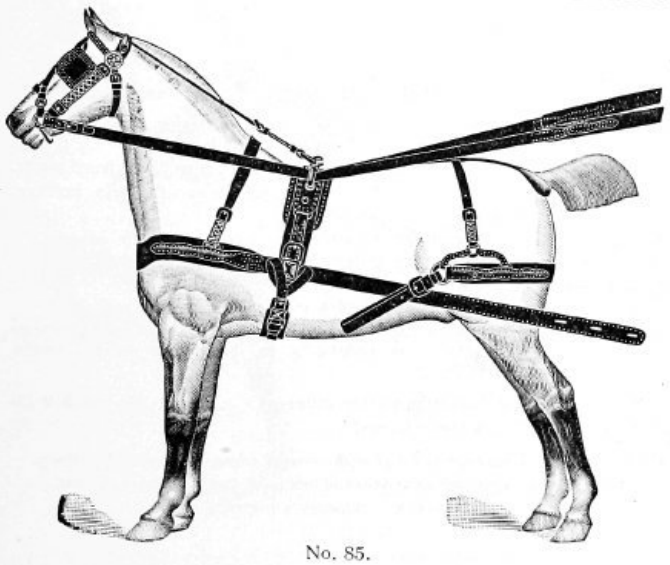
Bridle — 5/8 in. cheeks, box loops, overcheck, nose band and round winker stay, layer on crown.
Lines —1 in., with buckle and billet.
Hames —3½ lbs., iron.
Traces —1¼ in., 6 ft. 4 in. long, with safes attached to hames.
Saddle —3 in. single strap, patent leather jockey, swell pad with leather bottom.
Shaft Tugs —1 in., with box loops.
Belly Band —1⅝ in. single strap, Griffith style, 7/8 in. shaft straps.
Breeching —1⅝ in., single strap body, 7/8 in. scalloped turnback, round crupper, ¾ in. hip strap, 7/8 in. breeching straps.
Collar —No. 114.

No. 86C —Imitation rubber trimmed, hames and collar, traces riveted to hames, with collar.....per set $24.80
No. 86CO—Imitation rubber trimmed, hames and collar, traces riveted to hames, less collar.....per set 21.70
No. 86D —Nickel trimmed, hames and collar, traces riveted to hames, with collar.....per set 24.80
No. 86DO—Nickel trimmed, hames and collar, traces riveted to hames, less collar.....per set 21.70

Plain, smooth finish, round edge. Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 29 LBS.

HARNESS.



No. 85.

Single Strap Track.

Bridle —⅝ in. box loops, patent leather blinds, round winker brace, five-buckle overcheck, with patent leather nose band.
Lines —⅞ in. front, with spring billets, 1⅛ in. hand parts.
Breast Collar—2¼ in., heavy, V-shaped.
Traces —1¼ in., heavy single strap, sewed to breast collar.
Saddle —2½ in., single strap, patent leather Jockey, swinging bearer.
Shaft Tugs —⅞ in., raised on inside.
Belly Band —Griffith style, ⅞ in. shaft straps.
Breeching —1⅝ in. heavy single strap body, ⅞ in. scalloped turnback, ⅝ in. hip strap, ⅞ in. breeching strap, round crupper.

No. 85R —Breast collar, imitation rubber trimmed.....per set $21.60
No. 85S —Breast collar, nickel trimmed ..... " 21.60
No. 85CC—Breast collar, full genuine rubber trimmed ..... " 25.60

Made smooth finish, pressed loops throughout. Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 24 LBS.

Single Strap Track.

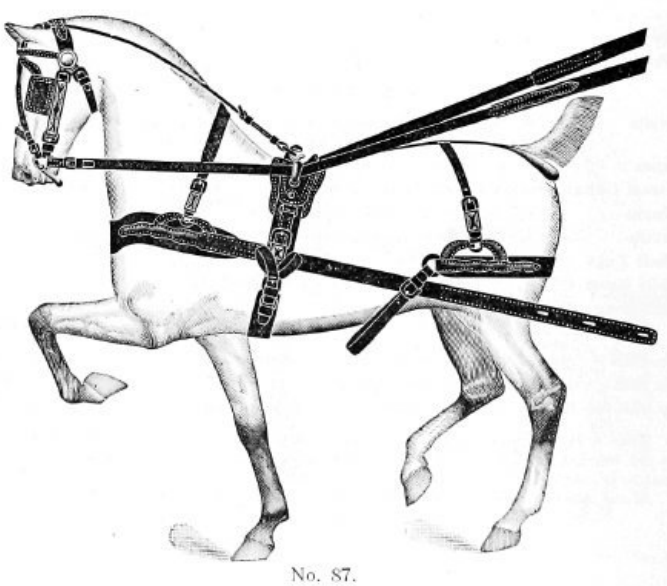
Bridle —⅝ in. box loop cheeks, patent leather blinds, lined and stitched, swell winker braces, layers on crown, overcheck with nose band.
Lines —⅞ in. fronts with spring billets, 1 in. hand parts.
Breast Collar—Extra heavy, 2¾ in., V-shaped, lined and stitched, swell stays.
Traces —1¼ in. extra heavy single strap, sewed to breast collar.
Saddle —3 in. single strap, patent leather, swell jockeys.
Shaft Tugs —1 in., with box loops.
Belly Bands —1½ in. single strap, Griffith style, ⅞ in. wrap straps.
Breeching —1⅝ in. single strap body, lined and stitched, swell stays riveted and sewed to breeching body, ⅞ in. scalloped turnback, round crupper sewed on, ¾ in. hip strap, ⅞ in., breeching straps.

No. 87R—Breast collar, imitation rubber trimmed.....per set $21.60
No. 87S—Breast collar, nickel trimmed ..... " 21.60

The lined and stitched swell WINKER BRACES, BREAST COLLAR and BREECHING STAYS in this harness are both durable and attractive. Just the harness for those who want something different from usual.

Made smooth finish, round edge, without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 25 LBS.



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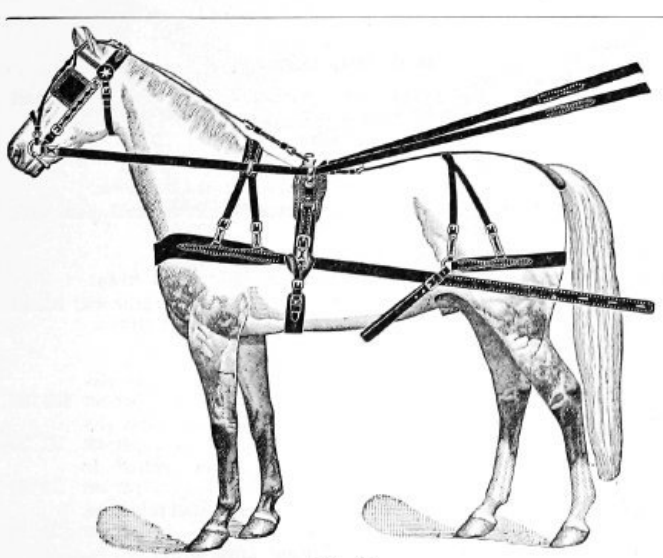


No. 95.

Single Strap Buggy.

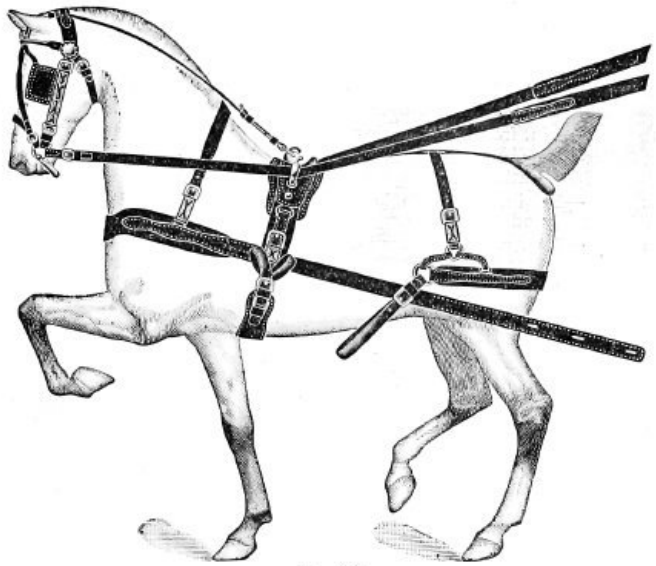
Bridle —⅝ in. box loop cheeks, patent leather blinds, round winker brace, layer on crown, overcheck with nose band.
Lines —Loop in bit, 1 in. fronts, 1⅛ in. hand parts.
Breast Collar—Extra heavy, 2¾ in., V-shaped, single strap, neck strap double, with loose line rings.
Traces —1¼ in., extra heavy, single strap sewed to breast collar.
Saddle —3 in. single strap, patent leather jockeys, enameled leather pad, long swell double beaded housing, swinging bearers.
Shaft Tugs —1 in. with box loops.
Belly Bands —1⅝ in. single strap, Griffith style, ⅞ in. shaft straps.
Breeching —1⅝ in. single strap body, ⅞ in. scalloped turnback, ⅝ in. double hip straps, ⅞ in. breeching straps.

No. 95R—Breast collar, imitation rubber trimmed.....per set $22.80
No. 95S —Breast collar, nickel trimmed ..... " 22.80

Above number of harness made from heavy selected stock, plain smooth finish, round edge throughout, without hitch strap. Furnished as described only. Make no changes.

ONE SET IN A BOX. WEIGHT ABOUT 26 LBS.

HARNESS.



No. 101

Single Strap Buggy.

Bridle —¾ in. box loop cheeks, patent leather blinds, round winker brace, layer on crown, extra heavy overcheck with nose band, round front.
Lines —1 in. fronts, with spring billets, 1⅛ in. hand parts.
Breast Collar—2¾ in. V-shaped, heavy single strap.
Traces —1½ in., extra heavy single strap, sewed to breast collar.
Saddle —3 in., single strap, patent leather jockeys swell pad, swinging bearers.
Shaft Tugs —1 in., with box loops, raised on inside.
Belly Band —Griffith style, double and stitched, extra wide and shaped, ⅞ in. shaft straps.
Breeching —1¾ in. extra heavy single strap body, ⅞ in. scalloped turnback, ¾ in. hip strap, 1 in. breeching straps, round crupper.

No. 101R—Breast collar, imitation rubber trimmed.....per set $24.60
No. 101S—Breast collar nickel trimmed..... " 24.60
Made smooth finish. Without hitch strap.

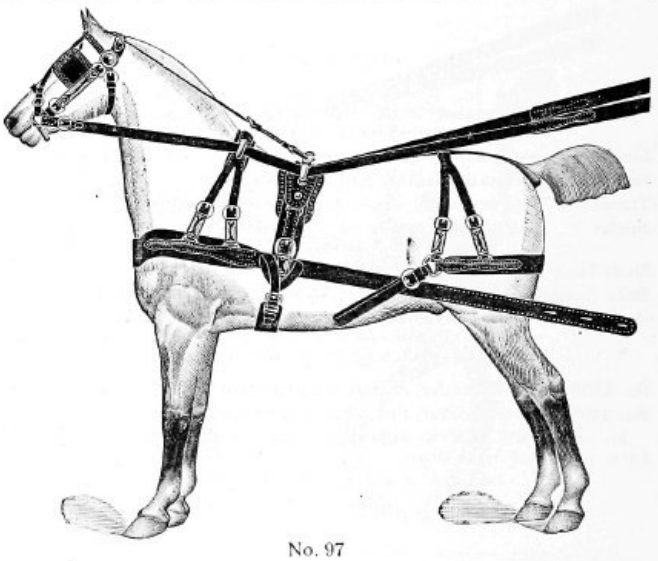
ONE SET IN A BOX. WEIGHT ABOUT 27 LBS.

Single Strap Buggy.

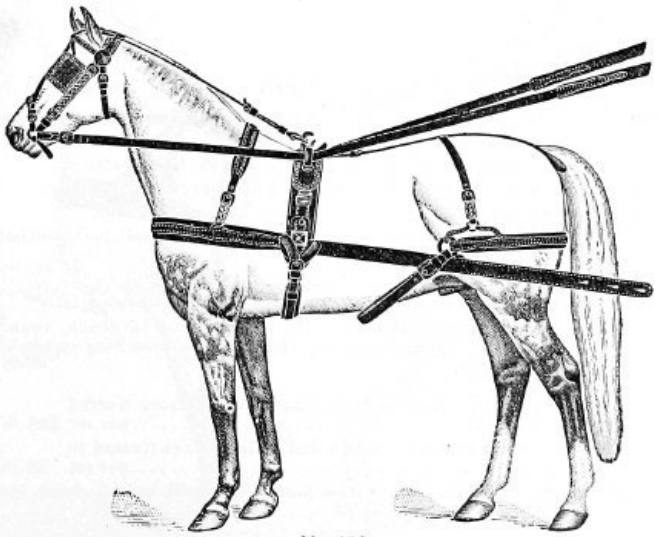
Bridle —⅝ in. box loop cheeks, patent leather blinds, round winker brace, layer on crown, overcheck with nose band.
Lines ⅞ in. fronts, spring billets, 1⅛ in. hand parts.
Breast Collar—Extra heavy, 2¾ in. V-shaped, single strap, neck strap double, with loose line rings.
Traces —1¼ in. extra heavy, single strap sewed to breast collar.
Saddle —3 in. single strap, patent leather jockeys, enameled leather pad, long swell double beaded fancy bound housings, swinging bearers.
Shaft Tugs —1 in. with box loops.
Belly Bands —1⅝ in. single strap, Griffith style ⅞ in. shaft straps.
Breeching —1⅝ in. single strap body, ⅞ in. scalloped turnback, ⅝ in. double hip straps, ⅞ in. breeching straps, round crupper.

No. 97S—Breast collar, nickel swage trimmed.....per set $24.80
No. 97T—Breast collar, brass swage trimmed..... " 24.80
A good heavy serviceable single strap buggy harness at a popular price. The heavy swage pattern buckles and mountings makes this very showy.
Above number of harness made from heavy selected stock, plain smooth finish, round edge throughout, without hitch strap, furnished as described only. Make no change.

ONE SET IN A BOX. WEIGHT ABOUT 27 LBS.



No. 97



No. 102

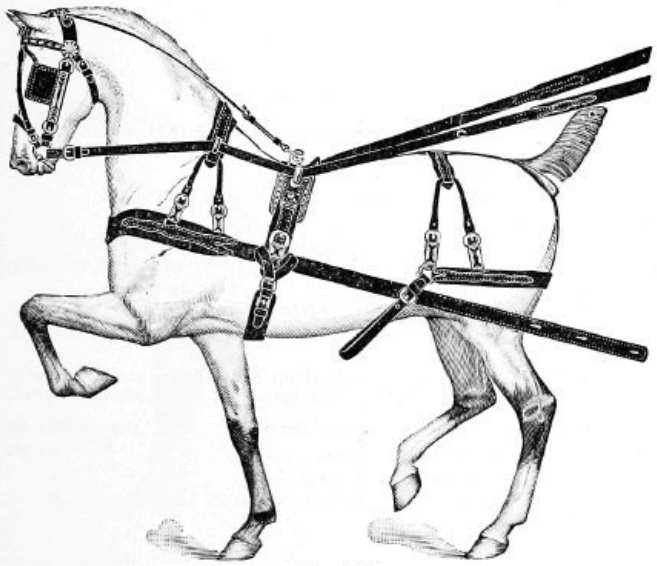
Light Single Road.

Bridle —½ in., box loop cheeks, patent leather track blinds, round winker brace, enameled leather fold under crown, over check with nose band.
Lines —⅞ in. fronts with spring billets, 1⅛ in. hand parts.
Breast Collar —Enameled leather fold, with raised layer.
Traces —1⅛ in. single strap, attached to breast collar.
Saddle —2½ in. patent leather skirts and jockeys, enameled pad.
Shaft Tugs —⅞ in., with box loops.
Belly Bands —Inside enameled leather fold, outside to slide with ¾ in. shaft straps.
Breeching —Enameled leather fold with raised layer, ¾ in. scalloped turnback, ⅝ in. hip strap, ¾ in. breeching straps, round crupper.

No. 102R —Breast collar, imitation rubber trimmed.....per set $25.20
No. 102CC—Breast collar, full genuine rubber trimmed..... " 29.20

WITHOUT HITCH STRAPS. ONE SET IN A BOX. WEIGHT ABOUT 23 LBS.

HARNESS.



No. 104

Single Strap Buggy.

Bridle —⅝ in. box loop cheeks, patent leather track blinds, round winker brace, over check with nose band, chain front.
Lines —1 in. fronts with spring billets, 1⅛ in. hand parts.
Breast Collar—Heavy, 2¾ in. V shaped, single strap, double neck strap with leather line rings and round forks.
Traces —1¼ in. heavy single strap, sewed to breast collar, scalloped and raised points.
Saddle —3 in. patent leather jockeys, housings with metal spots, and fancy bead, enameled leather pad, swinging bearers.
Shaft Tugs —1 in. with box loops.
Belly Band —1⅝ in., single strap, Griffith style, ⅞ in. shaft straps.
Breeching —1⅝ in. single strap body, scalloped and raised points, ⅞ in. scalloped turnback, double hipstraps with round forks ⅞ in. breeching straps, round crupper.

No. 104S—Breast collar, nickel swage trimmed.....per set $26.00
No. 104T—Breast collar, brass swage trimmed..... " 26.00

Round "FORKS" on neck and hip straps together with the fancy housing on saddle, heavy swage buckles and mountings makes this a very substantial harness for buggy use, without hitch straps.

ONE SET IN A BOX. WEIGHT ABOUT 27 LBS.

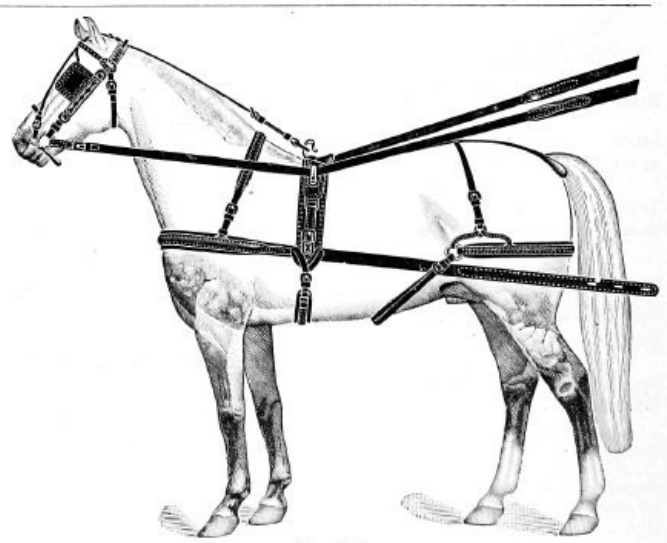
Light Single Road.

Bridle —½ in. box loops cheeks, patent leather blinds, round winker brace, fold under crown, overcheck with patent leather nose band, round throat latch.
Lines —⅞ in. fronts, with spring billets, 1⅛ in. hand parts.
Breast Collar—Enamel leather fold with raised layer.
Traces —1 in. heavy single strap, attached to breast collar.
Saddle —2¼ in., hand laced, covered seat, patent leather jockey and patent leather skirts, full enamel leather pad, dee bearers.
Shaft Tugs —⅞ in., with box loops.
Belly Band —Enamel leather fold, sliding girth to wrap.
Breeching —Enamel leather fold, with raised layer, ⅝ in. turnback, ½ in. hip strap sewed in on one side, reverse buckle on other side, ¾ in. breeching straps, round crupper.

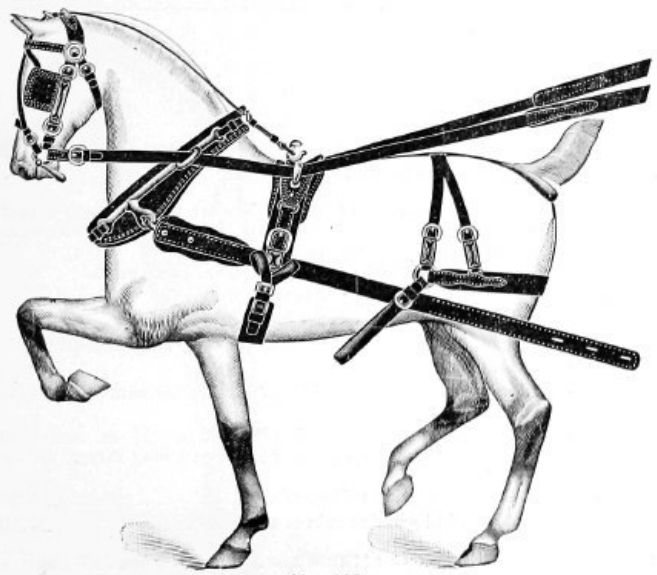
No. 110R —Breast collar, imitation rubber trimmed.....per set $27.80
No. 110CC—Breast collar, full genuine rubber trimmed..... " 31.80

Merchants will have no difficulty in making a good profit on this light road harness without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 20 LBS.



No. 110



No. 113.

Single Strap Buggy.

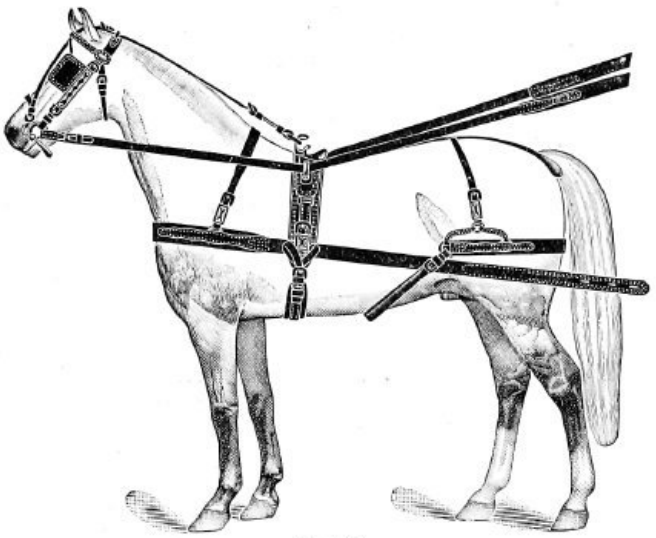
Bridle —⅝ in. box loop cheeks, overcheck with nose band, round winker stay, layer on crown.
Lines —⅞ in. fronts, with spring billets, 1⅛ in. hand parts.
Hames —3½ lbs., iron, plated terrets and draft eyes.
Traces —1¼ in., 6 ft. 4 in. long, with safes attached to hames.
Saddle —3 in., single strap, patent leather jockey, swell pad, leather bottom, with swinging bearers.
Belly Bands —1⅝ in. single strap, ⅞ in. shaft straps.
Shaft Tugs —1 in., with box loops.
Breeching —1⅝ in. single strap body, ⅞ in. scalloped turnback, round crupper, ⅝ in. double hip straps, ⅞ in. breeching straps.
Collar —No. 116.

No. 113D—Nickel swage trimmed, hames and collar, traces riveted to hames, with collar.....per set $28.00
No. 113E—Brass swage trimmed, hames and collar, traces riveted to hames, with collar.....per set 28.00

Above numbers of harness made from heavy stock with smooth finish and round edge. Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 32 LBS.

HARNESS.



No. 112.

Fine Single Strap Track.

Bridle —1½ in. box loop cheeks, patent leather blinds, round winker braces, overcheck with nose band, layer on crown, ound throat latch.
Lines — ⅞ in. fronts, spring end billets, 1⅛ in. hand parts.
Breast Collar—1⅝ in., single strap.
Traces —1⅛ in., single strap, long scalloped and raised points, stitched to breast collar, 4 rows stitching at heel.
Saddle —2¼ in., flexible, patent leather swell jockey and skirts, enamel leather bottom, laced in, dee bearers, will fit any horse.
Shaft Tugs —⅞ in., raised on inside, with box loops.
Belly Band —Folded, with layer, Griffith style.
Breeching —1½ in., single strap body, long scalloped and raised points, ¾ in. turnback, ⅝ in. hip strap, ⅞ in. breeching straps, round crupper.

No. 112W —Breast collar, gilt hook, terrets and shaft tug buckles, small buckles imitation rubber.....per set $30.20
No. 112CC—Breast collar, full genuine rubber trimmed ..... " 34.20
Round edge and smooth finish throughout, without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 21 LBS.

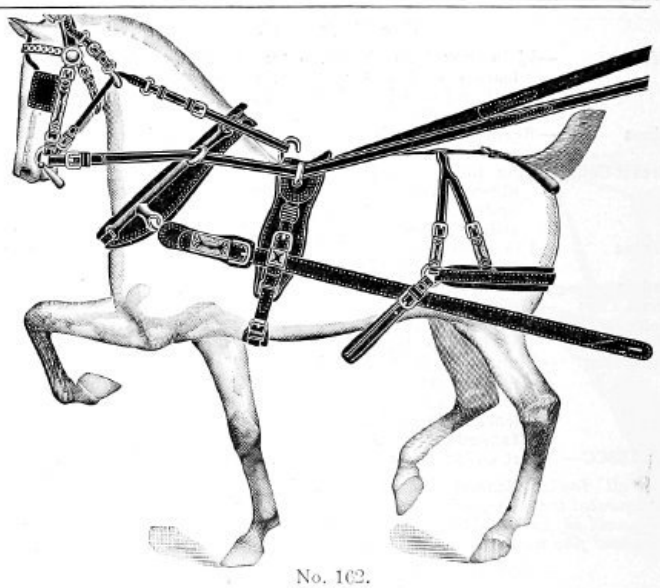
Single Surrey.

Bridle —⅝ in. box loop cheeks, patent leather blinds, round side check and winker stays, gag straps.
Lines —1 in., black, with buckles and billets.
Hames —3½ lb., iron.
Hame Tugs —1¼ in., box loops, safes under buckles, leather ends.
Traces —1¼ in., double and stitched, round edges.
Saddle —3½ in., patent leather skirts and jockey, enameled leather pad, 1 in. bearers and billets.
Shaft Tugs —1 in., with box loops.
Belly Bands —Inside folded, outside single, attached.
Breeching —Folded, with raised layer, ⅞ in. turnback, crupper to buckle, ¾ in. double hip straps, ⅞ in. breeching straps.

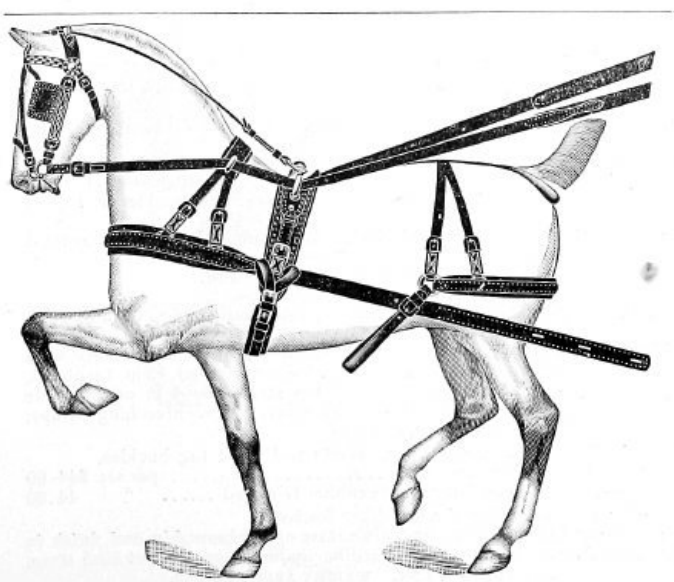
Collar —No. 132.

No. 162C —Imitation rubber trimmed, full imitation rubber hames, with collar.....per set $30.90
No. 162CO—Imitation rubber trimmed, full imitation rubber hames, less collar.....per set 26.90
No. 162D —Nickel trimmed, nickel plated terrets and draft eye hames, with collar,.....per set 30.90
No. 162DO—Nickel trimmed, nickeled plated terrets and draft eye hames, less collar,.....per set 26.90
Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 36 LBS.



No. 162.



No. 108.

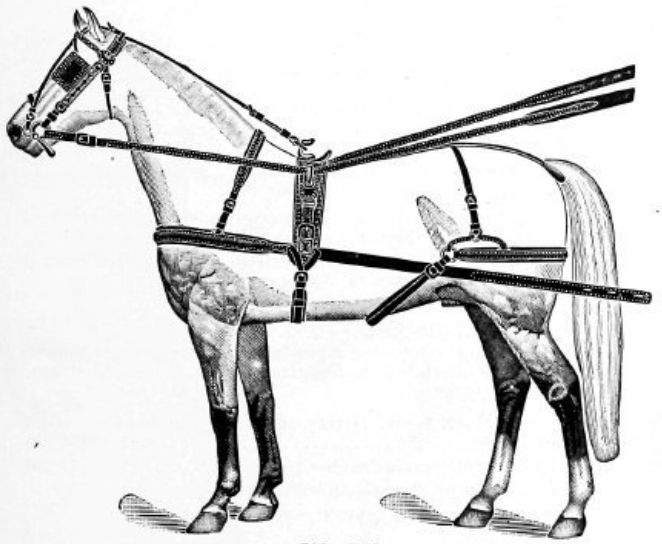
Single Runabout or Surrey.

Bridle —⅝ in. box loop cheeks, patent leather blinds, round winker stays, over check with patent leather nose band, layer on crown.
Lines —⅞ in. fronts, spring end billets, 1⅛ in. hand parts.
Breast Collar—Wide enameled leather fold, with raised layer and scalloped points, double neck strap, with line terrets.
Traces —1¼ in., single strap, stitched to breast collar.
Saddle —3 in., patent leather jockeys and skirts, covered seat, enameled leather pad, dee bearers.
Shaft Tugs —1 in. box loop.
Belly Band —Enameled leather fold, with layer, outside girth to slide with wrap straps.
Breeching —Enameled leather fold, raised layer full length, ¾ in. long, double reverse turnback, double split hip straps, ⅞ in. breeching straps.

No. 108S—Nickel hook, terrets and shaft tug buckles, balance of buckles imitation rubber.....per set $31.70
No. 108T—Brass hook, terrets and shaft tug buckles, balance of buckles imitation rubber.....per set 31.70
Smooth finish round edge throughout, made from good selected leather. Without hitch strap.
The wide enameled leather folds on breast collar and breeching and the double reverse turnback are features which would suggest a much higher priced runabout or surrey harness.

ONE SET IN A BOX. WEIGHT ABOUT 25 LBS.

HARNESS.



No. 119.

Fine Light Single Road.

Bridle —½ in. box loop cheeks, patent leather blinds, fold under crown, round winker brace, overcheck with patent leather nose band, round throat latch.
Lines —Beaded, spring end billets, 1⅛ in. boarded hand parts.
Breast Collar—Box calfskin fold, with raised layer calfskin fold under neck strap.
Traces —1 in., single strap, attached to breast collar.
Saddle —2½ in. Kay, leather covered seat, dee bearers.
Shaft Tugs —⅞ in., raised on inside, with box loops.
Belly Band —Box calfskin fold, sliding girth to wrap.
Breeching —Box calfskin fold with raised layer, ⅝ in. turnback, ½ in. hip strap sewed in on one side, reverse buckle on other side, ¾ in. breeching straps, round crupper.

No. 119W —Breast collar, gilt hook, terrets and shaft tug buckles, small buckles imitation rubber.....per set $34.60
No. 119CC—Breast collar, full genuine rubber trimmed..... " 38.60

Made from best oak leather.

The value in this harness is so unusual that it will be difficult to find another that will compare with it at the price, without hitch strap.

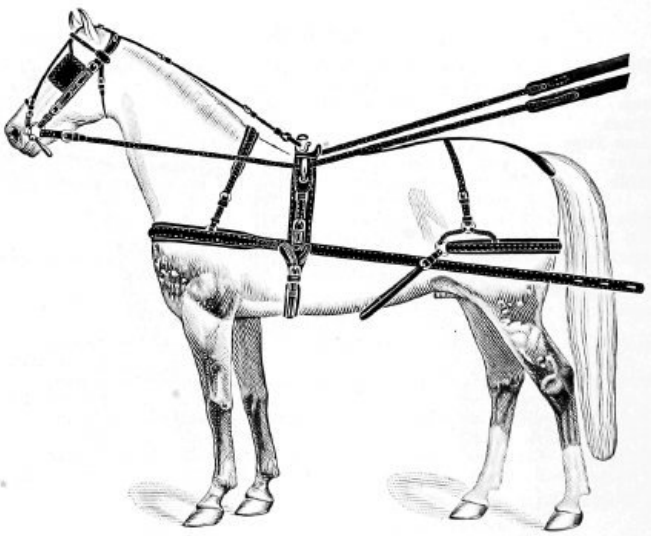
ONE SET IN A BOX. WEIGHT ABOUT 22 LBS.

Fine Single Road.

Bridle —½ in. box loop cheeks, patent leather track blinds, enamel leather fold under crown, round throat latch, 5 buckle Indian tanned leather lined overcheck with patent leather nose band and check bit.
Lines —Beaded fronts with spring end billets, 1⅛ in. boarded hand parts.
Breast Collar—Fine hand buffed straight grained enameled leather fold, narrow raised layer with long points, enameled leather fold under neck strap, ½ in. Indian tanned leather lined and stitched ends to reef.
Traces —1 in. double and stitched, Indian tanned leather lining, sewed to breast collar.
Saddle —2¼ in. flexible Kay, full patent leather, dee bearers.
Shaft Tugs —⅞ in., raised with box loops.
Belly Bands —Fine enameled leather fold with raised layer, outside to slide with wrap strap.
Breeching —Fine hand buffed straight grained enameled leather fold, narrow straight raised layer, ¾ in. double and stitched scalloped and raised turnback lined with Indian tanned leather, large crupper, ½ in. hip strap lined with Indian tanned leather with reverse buckles, ¾ in. breeching straps.
No. 123CC—Breast collar, full genuine rubber trimmed.....per set $43.80

Full Indian tanned leather lined. In this fine single road harness is inaugurated the high grade features, usually found in the highest priced harness only, such as fine hand buffed enameled leather folds, flexible Kay saddle, beaded lines and fine workmanship and material throughout, without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 24 LBS.



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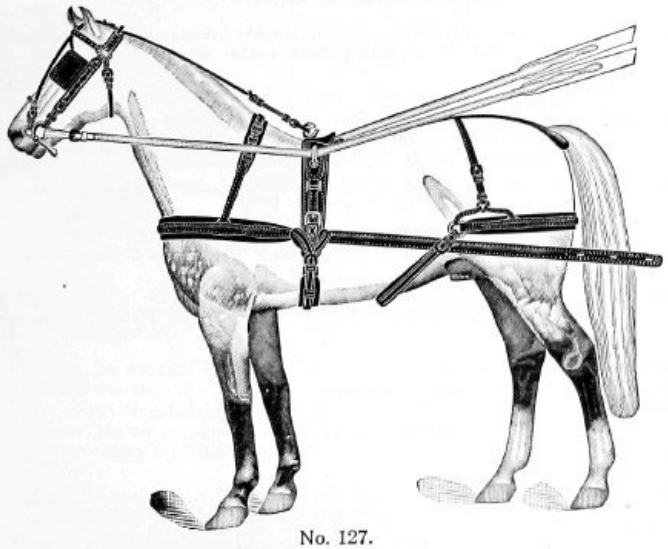


No. 127.

Extra Fine Road.

Bridle —½ in. box loop cheeks, patent leather track blinds, fold under crown, round winker brace, overcheck with patent leather noseband, round throat latch.
Lines —Russet, beaded fronts, spring end billets, 1⅛ in. boarded hand parts.
Breast Collar—Hand buffed English grain enamel leather, folded body, with tapered and raised layer, double and stitched neck strap with enamel leather fold and layer to buckle on top of neck fold.
Traces —1 in., double and stitched, raised round edge stitched around dart holes.
Saddle —2½ in. Kay, half track, ring in back band.
Shaft Tugs —⅞ in., raised on inside, with box loops.
Belly Band —English grain enamel leather fold, with layer, outside girth enameled sliding to wrap.
Breeching —Hand buffed English grain enameled leather, folded body, with tapered and raised layer, double and stitched, ⅝ in. turnback, ½ in. double and stitched hip strap sewed in on one side and reverse buckle on the other, ¾ in. breeching straps, large round crupper dock.

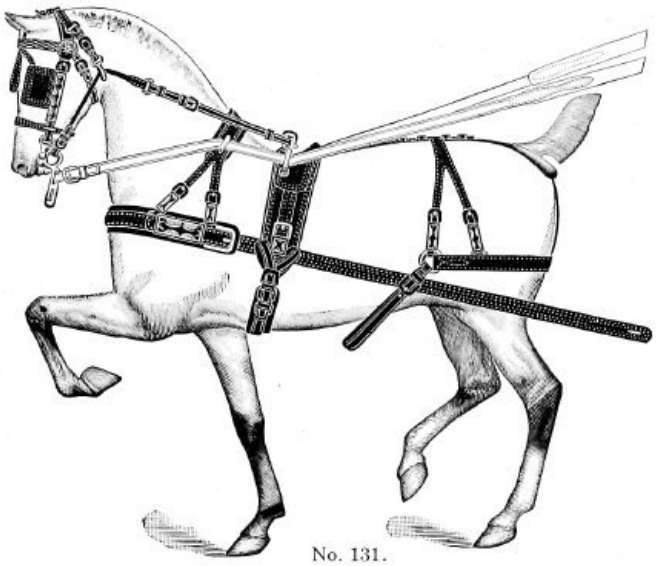
No. 127XX—Breast collar, gilt hook, terrets and shaft tug buckles, small buckles genuine rubber.....per set $44.60
No. 127CC —Breast collar, full genuine rubber trimmed ..... " 44.60

Made from finest quality of selected oak leather.

We have put better material and finer class of workmanship and finish in this gentlemens' light road harness than ordinarily furnished, without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 24 LBS.

HARNESS.



No. 131.

Single Runabout or Surrey.

Bridle —⅝ in., box loop cheeks, English winker stays, layer on crown, strap gag swivels, long nose band, patent leather face drop round side reins, elbow bit.

Lines —Fine russet leather, ⅞ in. fronts, buckle billets, 1⅛ in. har parts.

Breast Collar—Wide enamel leather fold, raised layer, box loops, safes unc buckles, double neck straps with terrets for lines.

Traces —1⅛ in., double and stitched, English space, two rows stitch two wheeled, 4 rows stitching at heel.

Saddle —3½ in., straight tapered skirts, covered seat, enameled leath pad, side trimmed, running back band.

Shaft Tugs —1 in., box loops.

Belly Bands —Inside enameled leather fold with layer, outside single lea with wrap strap.

Breeching —1⅛ in., double and stitched body, raised inside ¾ in., lon reverse turnback, ⅝ in. double hip straps, lined and stitched ⅞ in. breeching straps.

No. 131S—Nickel hook, terrets, shaft tug and trace buckles, balance of buckles imitation rubber.....per set $43.90

No. 131T—Brass hook, terrets, shaft tug and trace buckles, balance of buckles imitation rubber.....per set 43.90

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 35 LBS.

Single Surrey.

Bridle —⅝ in., box loop cheeks, round winker stays, layer on crown, strap gag swivels, long nose band, round side reins, Liverpool bit.

Lines —Russet, ⅞ in. fronts, 1⅛ in. hand parts.

Hames —4 lb., full close plated.

Hame Tugs —1¼ in., box loops, safes under buckles.

Traces —1¼ in., double and stitched.

Saddle —3½ in., hand laced, covered seat, straight skirts, metal bearer loops, enameled leather pad.

Shaft Tugs —1 in., box loops.

Belly Bands —Folded, with layer.

Breeching —Folded, with raised layer, long reverse turn back, ⅞ in. side straps, ⅝ in. double hip straps.

Choke Strap—⅞ in.

Collar —No. 136.

No. 165D —Nickel wire trimmed, hames and collar, with collar per set $44.70

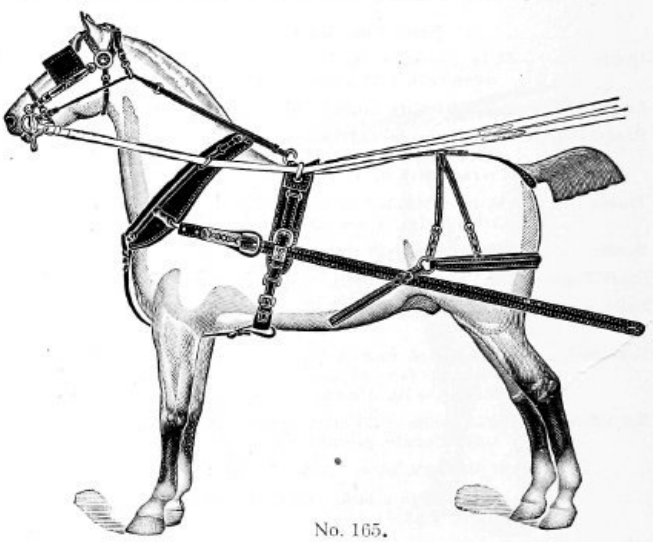
No. 165DO —Nickel wire trimmed, hames and collar, less collar " 40.60

No. 165E —Brass wire trimmed, hames and collar, with collar " 44.70

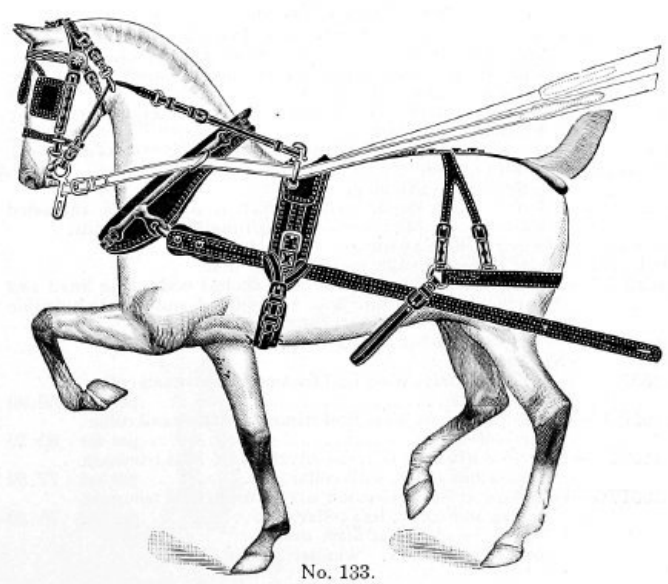
No. 165EO —Brass wire trimmed, hames and collar, less collar " 40.60

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 40 LBS



No. 165.



No. 133.

Single Runabout or Surrey.

Bridle —⅝ in., box loop cheeks, English winker stays, layer on crown, strap gag swivels, long nose band, patent leather face drop, round side reins, elbow bit.

Lines —Fine russet leather, ⅞ in. fronts, buckle billets, 1⅛ in. hand parts.

Hames —3½ lb. iron, close plated.

Traces —1⅛ in., double and stitched, English space, two row stitched, two wheeled, 4 rows stitching at heel, attached to hames.

Saddle —3½ in. straight tapered skirts, covered seat, enameled leather pad, side trimmed, running back band.

Shaft Tugs —1 in., box loop.

Belly Bands —Inside, enameled leather fold with layer, outside single leather with wrap straps.

Breeching —1⅛ in., double and stitched body, raised inside, ¾ in. long reverse turnback, ⅝ in. double hip straps, lined and stitched, ⅞ in. breeching straps.

Collar —No. 162.

No. 133D —Nickel hook, terrets, shaft tug and trace buckles, balance of buckles imitation rubber, with collar.....per set $47.50

No. 133DO—Nickel hook, terrets shaft tug and trace buckles, balance of buckles imitation rubber, less collar.....per set 41.10

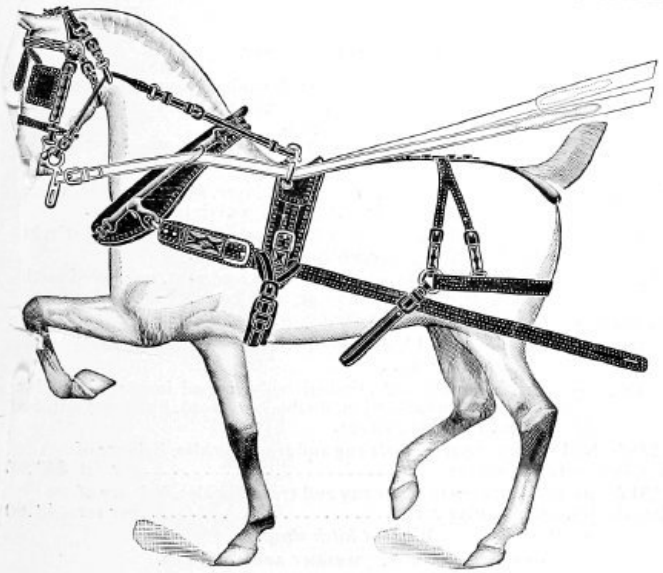
No. 133E —Brass hook, terrets, shaft tug and trace buckles, balance of buckles imitation rubber, with collar.....per set 47.50

No. 133EO—Brass hook, terrets, shaft tug and trace buckles, balance of buckles imitation rubber, less collar.....per set 41.10

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 40 LBS.

HARNESS.



No. 141.

Single Runabout or Surrey.

Bridle —⅝ in., box loop cheeks, English winker stays, layer on crown, strap gag swivels, long nose band, patent leather face drop, round side reins, elbow bit.
Lines —Fine russet leather, ⅞ in. fronts, buckle billets, 1⅛ in. hand parts.
Hames —3½ lb. iron, close plated.
Hame Tugs —1⅛ in., box loops, safes under buckles.
Traces —1⅛ in., double and stitched, English space, two row stitched, two wheeled, 4 rows stitching at heel.
Saddle —3½ in. straight tapered skirts, covered seat, enameled leather pad, side trimmed, running back band.
Shaft Tugs —1 in., box loop.
Belly Bands —Inside, enameled leather fold with layer, outside single leather with wrap straps.
Breeching —1⅛ in., double and stitched body, raised inside, ¾ in. long reverse turnback, ⅝ in. double hip straps, lined and stitched, ⅞ in. breeching straps.
Collar —No. 162.
No. 141D —Nickel hook, terrets, shaft tug and trace buckles, balance of buckles imitation rubber, with collar.....per set $48.70
No. 141DO—Nickel hook, terrets, shaft tug and trace buckles, balance of buckles imitation rubber, less collar.....per set 43.10
No. 141E —Brass hook, terrets, shaft tug and brace buckles, balance of buckles imitation rubber, with collar.....per set 48.70
No. 141EO—Brass hook, terrets, shaft tug and brace buckles, balance of buckles imitation rubber, less collar.....per set 43.10

Without hitch strap.

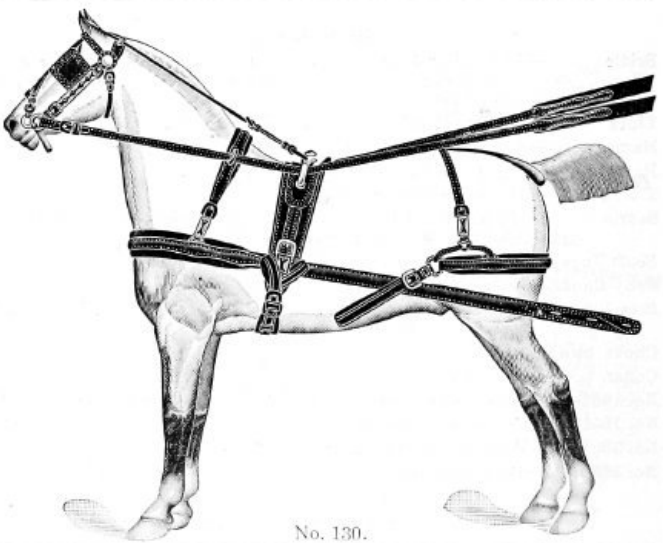
ONE SET IN A BOX. WEIGHT ABOUT 40 LBS.

Extra Fine Single Goddard.

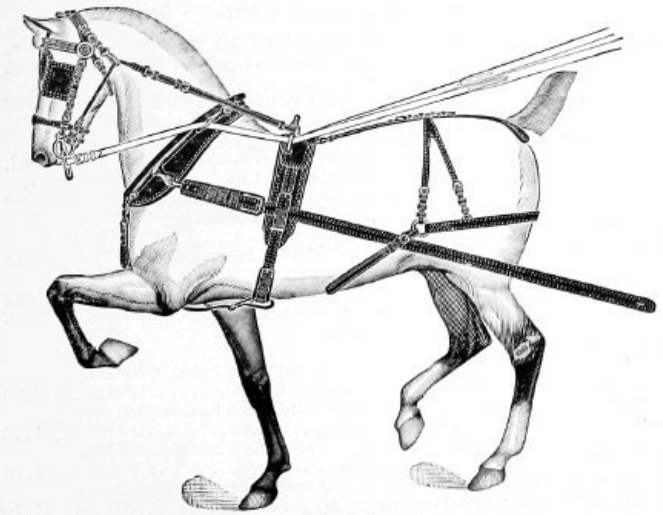
Bridle —⅝ in. box loop cheeks, patent leather blinds, fold under crown, overcheck with patent leather nose band.
Lines —Beaded fronts, spring end billets, 1⅛ in. boarded hand parts.
Breast Collar—Wide, hand buffed English grain enameled leather folded body, with raised tapered layer, enameled leather fold under neck strap, with neck terrets for lines.
Traces —1⅛ in., attached to breast collar, double and stitched, raised round edge, 4 rows stitching at heel.
Saddle —3½ in. Kay, half track, running back band.
Shaft Tugs —1 in., raised on inside, with box loops.
Belly Bands —Hand buffed enameled leather fold with layer, long billets to wrap.
Breeching —Hand buffed English grain enameled leather, folded body, with straight tapered raised layer, ⅞ in. turnback, ⅝ in. hip strap, ⅞ in. breeching straps, large crupper dock.
No. 130XXX—Breast collar, gold hook, terrets and shaft tug buckles, small buckles genuine rubber .....per set $54.60

Made from finest quality of selected leather. Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 26 LBS.



No. 130.



No. 155.

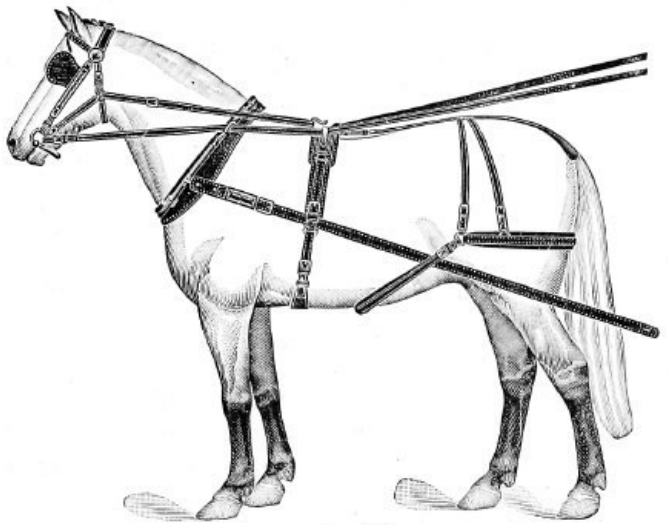
Single Station Wagon.

Bridle —⅝ in., narrow spaced loop cheeks, English winker stays, lined and stitched, layer on crown, strap gag swivels, long lined and stitched nose band, patent leather drop, round side reins and Liverpool bit.
Lines —Fine russet leather, 1 in. fronts, buckle billets, 1⅛ in. soft boarded hand parts.
Hames —4 lb., full close plated, hook end with chain.
Hame Tugs —1¼ in., tapered, spaced loops, safes under buckles.
Traces —1¼ in., 4 rows stitching.
Saddle —1½ in., hand laced, covered seat, straight skirts, enameled leather pad, side trimmed, long running back bands.
Shaft Tugs —1⅛ in., with spaced loops.
Belly Bands —Inside folded, with layer, outside to slide.
Breeching —1¼ in., solid leather, double and stitched body, long lined and stitched reverse turnback, ⅝ in. lined and stitched double hip strap, ⅞ in. side straps.
Martingale —⅞ in., with patent leather drop.
Collar —No. 164.
No. 155E —Fine English brass West End trimmed, hames and collar, with collar.....per set $69.90
No. 155EO —Fine English brass West End trimmed, hames and collar, less collar .....per set 62.70
No. 155TT —Full close silver on German silver, West End trimmed, hames and collar, with collar.....per set 77.50
No. 155TTO—Full close silver on German silver, West End trimmed, hames and collar, less collar.....per set 70.30

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 47 LBS.

HARNESS.



No. 222.

Light Delivery.

Bridles —¾ in. box loop cheeks, sensible blinds, flat reins and winker stay.
Lines —1 in., with buckle and billet.
Hames —Wood gig, iron bound.
Hame Tugs —With box loops.
Traces —1¼ in., double and stitched.
Saddle —3½ in., iron jockey tree, harness leather skirts, patent leather housings, leather pad.
Shaft Tugs —With dees.
Belly Bands —Inside folded, outside single.
Breeching —Folded, with layer, 1 in. turnback with round crup buckle, ¾ in. double hip straps, 1 in breeching strap.
Collar —No. 113.

No. 222B —XC trimmed, hame and collar, with collar.... ..per set $2
No. 222BO—XC trimmed, hame and collar, less collar ..... " 2

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 32 LBS.

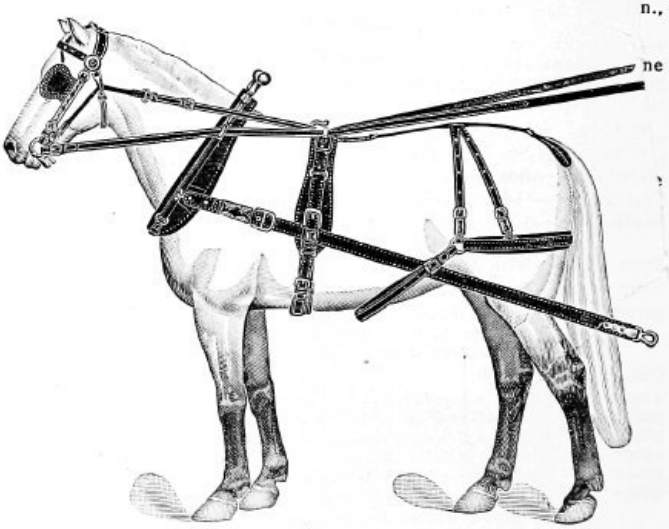
Single Express.

Bridles —¾ in. box loop cheeks, patent leather sensible blinds, round reins and winker stays.
Lines —1 in. with buckle and billet.
Hames —No. 516, wood, brass ball tops.
Hame Tugs —With box loops.
Traces —1½ in., double and stitched.
Saddle —4½ in., iron jockey tree, harness leather skirts, kersey pad.
Shaft Tugs —With dees.
Belly Bands —Folded.
Breeching —Folded, with layer, 1⅛ in. turnback, with round crupper to buckle, ⅞ in. double hip straps with spots, 1⅛ in. breeching straps.
Collar —No. 24.

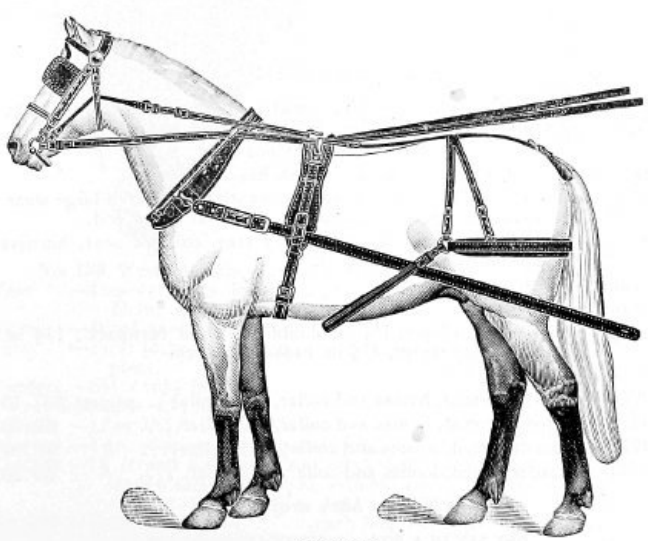
No. 226A —Japanned trimmed, hames and collar, with collar, per set..... $34.70
No. 226AO —Japanned trimmed, hames and collar, less collar. per set 31.70
No. 226EE —Brass trimmed saddle only, hames and collar, with collar. .....per set 35.70
No. 226EEO—Brass trimmed saddle only, hames and collar, less collar .....per set 32.70

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 35 LBS.



No. 226.



No. 227.

Single Express.

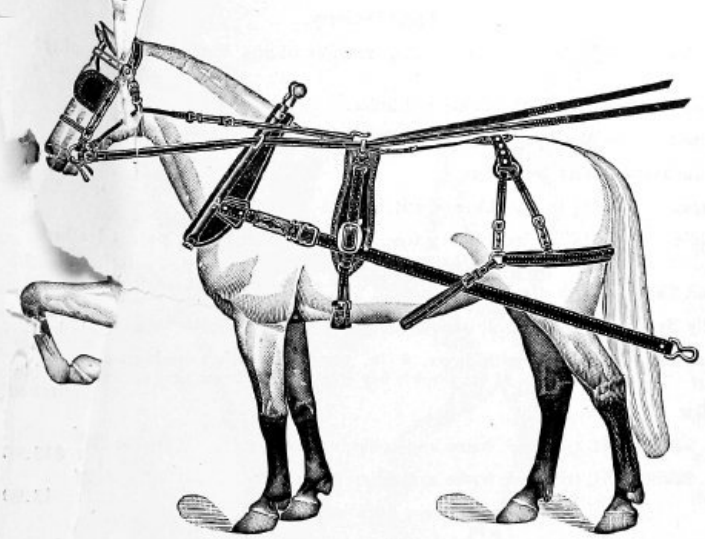
Bridle —⅝ in., box loop cheeks, patent leather blinds, round reins and winker stay, nose band.
Lines —1 in., with buckle and billet.
Hames —4 lb. iron.
Hame Tugs —With box loops.
Traces —1¼ in., double and stitched.
Saddle —4 in., iron jockey tree, harness leather skirts, kersey pad.
Shaft Tugs —With dees.
Belly Bands —Inside folded, outside single.
Breeching —Folded, with straight layer, ⅞ in. turnback, with round crupper to buckle, ¾ in. double hip straps 1 in. breeching strap.
Collar —No. 118.

No. 227E —Hame and collar, brass trimmed, with collar...per set $32.60
No. 227EO —Hame and collar, brass trimmed, less collar.... " 28.60

Without choke or hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 35 LBS.

HARNESS.



No. 230.

Single Express.

Bridle	—¾ in. box loop cheeks, patent leather blinds, round reins and winker stay.
Lines	—1 in. with buckle and billet.
Hames	—No. 516, wood, red, brass ball tops.
Hame Tugs	—With box loops.
Traces	—1½ in., double and stitched, round edge.
Saddle	—5 in., iron jockey tree, harness leather skirts and jockeys, kersey pad.
Shaft Tugs	—With dees.
Belly Bands	—Folded.
Breeching	—Folded, with layer, 1⅛ in. turnback, ⅞ in. three ring, double hip straps, with spots, 1⅛ in. breeching straps.
Collar	—No. 28.

No. 230D	—Nickel trimmed, hames and collar, with collar...per set		$42.00
No. 230DO	—Nickel trimmed, hames and collar, less collar....	"	37.50
No. 230E	—Brass trimmed, hames and collar, with collar....	"	42.00
No. 230EO	—Brass trimmed, hames and collar, less collar.....	"	37.50
No. 231 D	—Nickel trimmed, hames and collar, 1¼ in. trace (balance of harness in proportion), with collar.....per set		37.10
No. 231DO	—Nickel trimmed, hames and collar, 1¼ in. trace (balance of harness in proportion), less collar..... per set		32.50
No. 231E	—Brass trimmed, hames and collar, 1¼ in. trace (balance of harness in proportion), with collar.....per set		37.10
No. 231EO	—Brass trimmed, hames and collar, 1¼ in. trace (balance of harness in proportion), less collar.....per set		32.50

Without hitch strap.

ONE SET IN A BOX. WEIGHT ABOUT 40 LBS.

REV-O-NOC

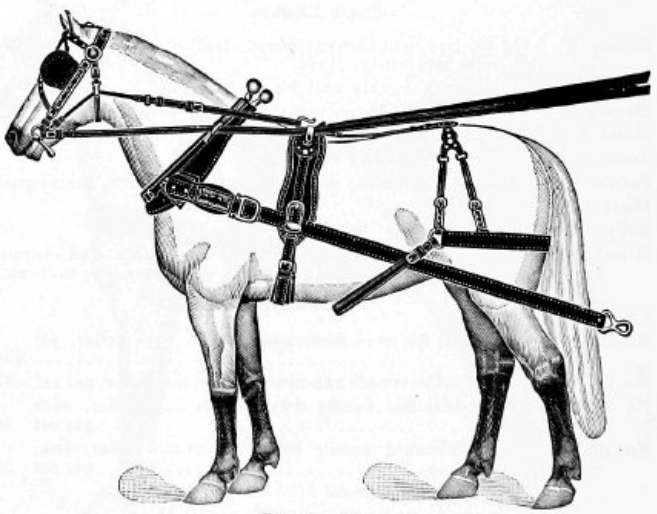
Single Express.

Bridle	—¾ in., box loop cheeks, round reins and winker stay, fancy face piece.
Lines	—1 in., with buckle and billet.
Hames	—No. 576, red, long spot, dandy ball top.
Hame Tugs	—Box loops.
Traces	—1½ in., double and stitched, round edge.
Saddle	—5 in., patent leather jockey tree with covered seat, harness leather skirts, kersey pad sewed in.
Shaft Tugs	—With dees.
Belly Bands	—Folded, with layer.
Breeching	—1⅝ in., double and stitched body, 1⅛ in. double reversed back strap, ⅞ in. 3 ring double hip straps with spots, 1¼ in. breeching straps.
Collar	—No. 50.

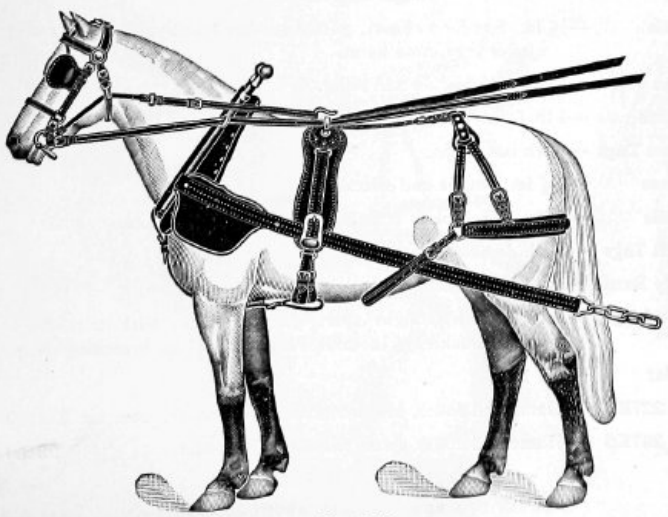
REV-O-NOC **D**	—Hame and collar, nickel trimmed, with collar.....per set		$60.70
REV-O-NOC **DO**	—Hame and collar, nickel trimmed, less collar.....	"	55.30
REV-O-NOC **E**	—Hame and collar, brass trimmed, with collar.....	"	60.70
REV-O-NOC **EO**	—Hame and collar, brass trimmed, less collar	"	55.30
REV-O-NOC **S**	—Breast collar, nickel trimmed.....	"	54.30
REV-O-NOC **T**	—Breast collar, brass trimmed.....	"	54.30

Without hitch strap; also made with breast collar.

ONE SET IN A BOX. WEIGHT ABOUT 40 LBS.



Rev-o-noc.



No. 247.

Heavy Single Truck.

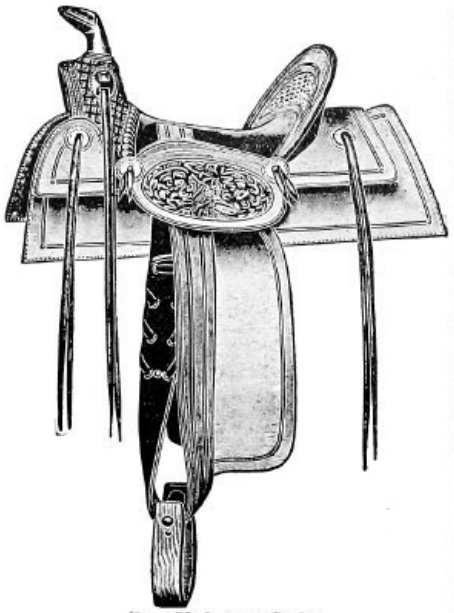
Bridle	—⅞ in. short cheeks, with 2 small loops at top, Concord blinds, round reins and winker stay, nose band and bit straps.
Lines	—1⅛ in., 16 ft. long with buckle and billet.
Hames	—No. 10, wood, red, Concord bolt, brass ball top.
Traces	—1¾ in., double and stitched, 3 rows stitching, extra large wear leather at upper end, and heel chains at lower end.
Saddle	—6 in., with patent leather jockey tree, covered seat, harness leather skirts, kersey pad.
Shaft Tugs	—With dees.
Belly Bands	—Folded.
Breeching	—Folded, with layer, 1¼ in. double reversed turnback, 1⅛ in. double hip straps, 1½ in. breeching strap.
Collar	—No. 60.

No. 247D	—Nickel trimmed, hames and collar, with collar ...per set		$67.10
No. 247DO	—Nickel trimmed, hames and collar, less collar.....	"	59.80
No. 247E	—Brass trimmed, hames and collar, with collar....	"	67.60
No. 247EO	—Brass trimmed, hames and collar, less collar.	"	59.80

Without hitch strap.

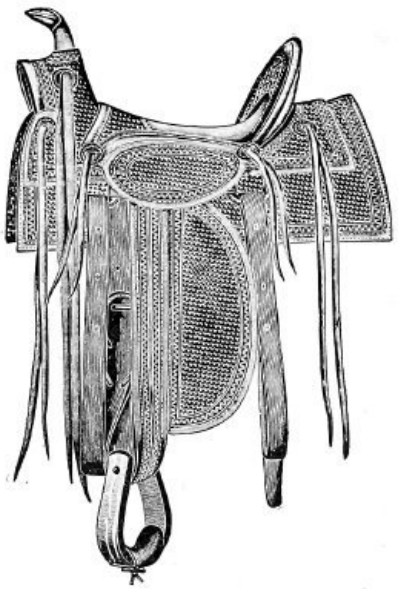
ONE SET IN A BOX. WEIGHT ABOUT 60 LBS.

SADDLES.



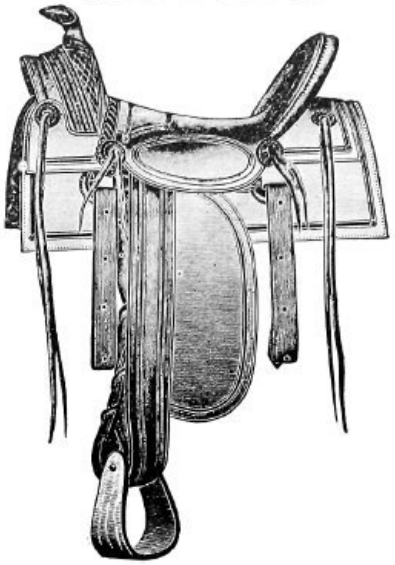
No. 158 Oregon Style.

Tree —Gridey, beef hide covered, 15 in., steel fork.
Skirts —Wool lined, 12×26¾ in.
Seat —Loop; jockeys, cantle and seat in one piece.
Fenders —8×18 in.
Stirrup Leathers—2½ in.
Latigos —Latigo leather, 1½ in.
Stirrups —No. 30, galvanized iron, plain.
Cinches —20 strand cotton, leathered.
No. 158 —Three-quarter single cinch each $47.80
WEIGHT ABOUT 23 LBS.



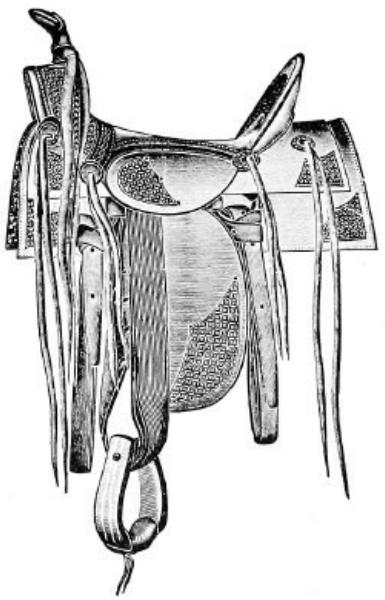
No. 133 Western Style, Hand Stamped.

Tree —Improved La Platte, hide covered, 15 in., steel fork.
Skirts —Wool lined, 12½×25 in.
Seat —Full; jockeys, seat and cantle in one piece.
Fenders —8¼×16½ in.
Stirrup Leathers—2½ in.
Latigos —Long 1⅜ in., short 1⅝ in.
Stirrups —2 in., plain ox bow, leather tread.
Cinches —15 strand California soft gray hair, leather safes, wool lined, with buckle tongues.
No. 133 —Double cinch.....each $42.90
WEIGHT ABOUT 25 LBS.



No. 135 Western Style.

Tree —Hide covered, 16 in., steel fork.
Skirts —Wool lined, 12½×24½ in.
Seat —Full; jockeys, cantle and seat in one piece.
Fenders —9×16½ in.
Stirrup Leathers—3 in.
Latigos —Long 1½ in., short 1¾ in.
Stirrups —2 in., ox bow.
Cinches —20 strand cotton, Texas, with buckle tongues.
No. 135 —Double cinch.....each $42.70
WEIGHT ABOUT 24 LBS.



No. 138 California Style.

Tree —"Cherokee," hide covered, 15 in., steel fork.
Skirts —Wool lined, 12¼×24½ in.
Seat —Full; jockeys, seat and cantle in one piece.
Fenders —7½×15½ in.
Stirrup Leathers—2¼ in.
Latigos —Long 1¼ in., short 1½ in.
Stirrups —Ox bow, leather tread, 2 in. bottoms.
Cinches —15 strand California soft gray hair, leather safes with buckle tongues.
No. 138 —Double cinch.....each $38.70
WEIGHT ABOUT 24 LBS.

No 151 California Style, Nickel Horn.

Tree —Nickel horn, hide covered, 14½ in., steel fork.
Skirts —Wool lined, 12×23 in.
Seat —Full; jockeys, seat and cantle in one piece.
Fenders —7½×15 in.
Stirrup Leathers—2 in.
Latigos —Long 1¼ in., short 1½ in.
Stirrups —Ox bow, 1½ in. bottoms.
Cinche. —20 strand Texas cotton, with buckle [illegible]ues.
No. 151 —Dou[illegible].....each $32.80
WEIGHT ABOUT 21 LBS.

No. 152 Western Style.

Tree —Improved "Steinway," hide covered, 14½ in., steel fork.
Skirts —Felt lined, 11½×22½ in.
Seat —Full; jockeys, seat and cantle in one piece.
Fenders —7×14½ in.
Stirrup Leathers—2 in.
Latigos —Long 1¼ in., short 1½ in.
Stirrups —California block, 2½ in. bottoms.
Cinches —18 strand Texas cotton, with buckle tongues.
No. 152 —Double cinch .....each $28.90
WEIGHT ABOUT 18 LBS.

ALL SADDLES ON THIS PAGE ARE FAIR LEATHER.

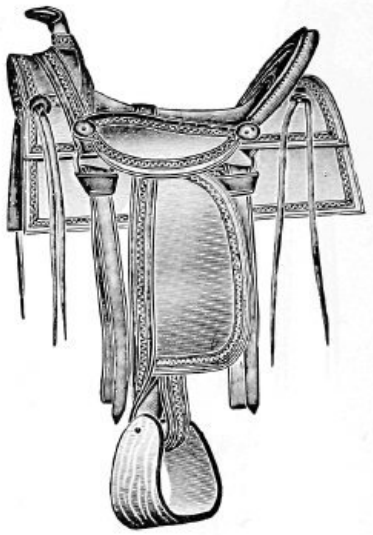
SADDLES.

No. 154 Western Style.

Tree —Improved "Steinway," hide covered, 14½ in., steel fork.
Skirts —Felt lined, 12×23½ in.
Seat —Full; jockeys, seat and cantle in one piece.
Fenders —7×14 in.
Stirrup Leathers—1¾-in.
Latigos —1¼ in. to tie.
Stirrups —California block, 2½ in. bottoms.
Cinches —15 strand Texas cotton.
No. 154 —Double cinch..... each $27.60
WEIGHT ABOUT 17 LBS.

No. 159 Western Style.

Tree —14½ in., steel fork.
Skirts —11¼×21½ in., unlined.
Seat —Full; jockeys, seat and cantle in one piece.
Fenders —8¼×16 in.
Stirrup Leathers—2 in.
Latigos —1¼ in., to tie.
Stirrups —Ox bow, 1½ in. bottoms.
Cinches —20 strand Texas cotton.
No. 159 —Double cinch..... each $24.80
WEIGHT ABOUT 19 LBS.



No. 162 Western Style.

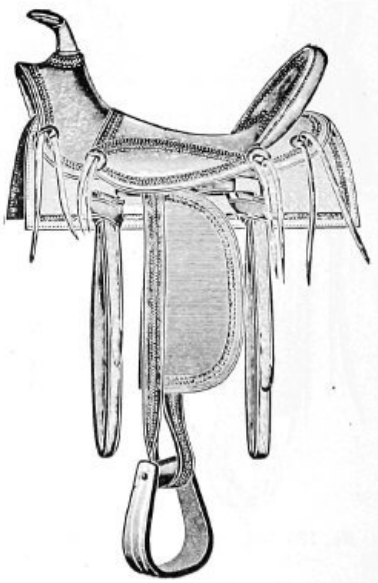
Tree —14½ in., steel fork.
Skirts —11×21 in., wool covered bars.
Seat —Half with jockeys.
Fenders —7×14 in.
Stirrup Leathers—1½ in.
Latigos —1¼ in., to tie.
Stirrups —4 in., Texas bolt.
Cinches —15 strand Texas cotton.
No. 162 —Double cinch..... each $19.70
WEIGHT ABOUT 13 LBS.

No. 155 Western Style.

Tree —14½ in., steel fork.
Skirts —11½×22½ in., unlined.
Seat —Full; jockeys, seat and cantle in one piece.
Fenders —8¼×16 in.
Stirrup Leathers—2 in.
Latigos —Long 1¼ in., short 1½ in.
Stirrups —Ox bow, 1½ in. bottoms.
Cinches —20 strand Texas cotton.
No. 155—Double cinch.....each $26.80
WEIGHT ABOUT 20 LBS.

No. 164 Western Style

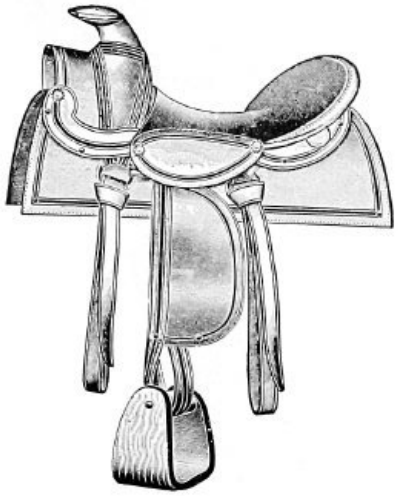
Tree —14½ in., steel fork.
Skirts —Felt lined, 11×22 in.
Seat —Full; jockeys sewed on
Fenders —6½×13½ in.
Stirrup Leathers—1½ in.
Latigos —1⅛ in., to tie.
Stirrups —4 in., common wood.
Cinches —15 strand Texas cotton.
No. 164 —Double cinch..... each $20.40
WEIGHT ABOUT 16 LBS.



No. 165 Western Style.

Tree —14½ in., steel fork.
Skirts —Felt lined, 10×20½ in.
Seat —Full; jockeys sewed on.
Fenders —6½×13½ in.
Stirrup Leathers—1¼ in.
Latigos —1⅛ in., to tie.
Stirrups —California block, 2 in. bottoms.
Cinches —15 strand Texas cotton.
No. 165 —Double cinch..... each $19.00
WEIGHT ABOUT 14 LBS.

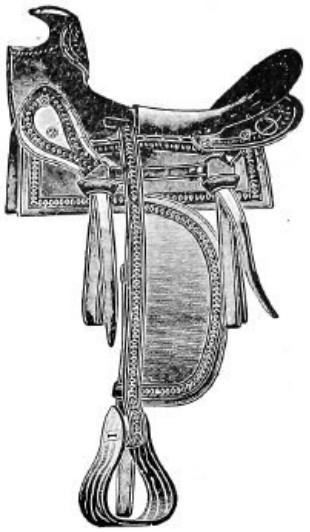
SADDLES.



No. 167 Horn, Morgan.

Tree —14 in., Morgan.
Skirts —10½×22½ in., unlined.
Seat —Full; jockeys and seat in one piece.
Fenders —6½×12 in.
Stirrup Leathers—1¼ in.
Latigos —1⅛ in., to tie.
Stirrups —4 in., Texas bolt.
Cinches —15 strand Texas cotton.
No. 167 —Double cinch.....each $16.70

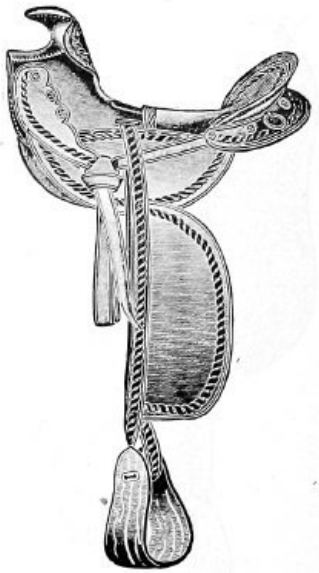
WEIGHT ABOUT 12 LBS.



No. 175 Horn, Morgan.

Tree —Morgan, hide covered, 13 in.
Seat —Half.
Stirrup Leathers—1 in.
Tie Straps—1 in.
Stirrups —3 in., wood.
Girths —3 in., cotton back band.
No. 175 —Double cinch..... each $10.10

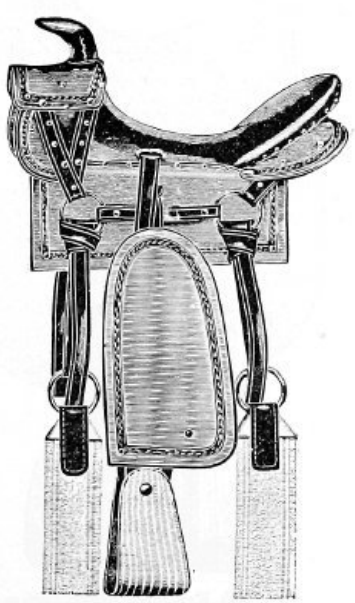
WEIGHT ABOUT 9 LBS.



[No. 184 Horn, Morgan.

Tree —Morgan, hide covered, 13 in.
Seat —Half.
Stirrup Leathers—1 in.
Tie Straps—1 in.
Stirrups —3 in., wood.
Girths —3 in., cotton back hand.
No. 184 —Each..... $8.50

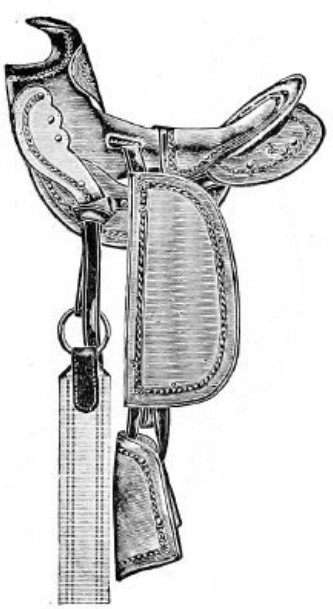
WEIGHT ABOUT 8 LBS.



No. 168 Horn, Morgan.

Tree —Morgan, hide covered, 14 in.
Seat —Full.
Stirrup Leathers—1 in.
Tie Straps–1 in.
Cinches —3 in., cotton back band.
Stirrups —4 in., Texas bolt.
No. 168 —Double cinch.....each $12.10

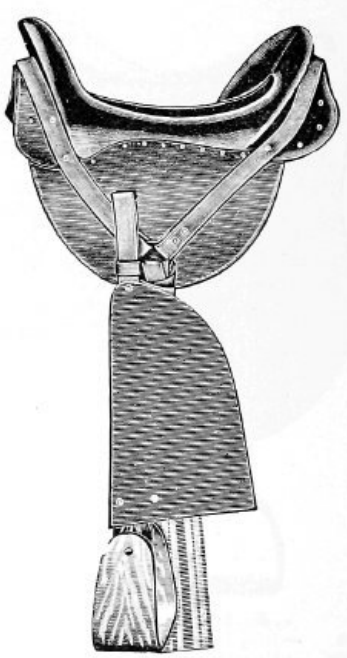
WEIGHT ABOUT 10 LBS.



No. 176 Horn, Morgan.

Tree —Morgan, hide covered, 14 in.
Seat —Half.
Stirrup Leathers—1 in.
Tie Straps—1 in.
Stirrups —2½ in., wood, hooded.
Girths —3 in., cotton back band.
No. 176 —Each..... $8.90

WEIGHT ABOUT 8 LBS.

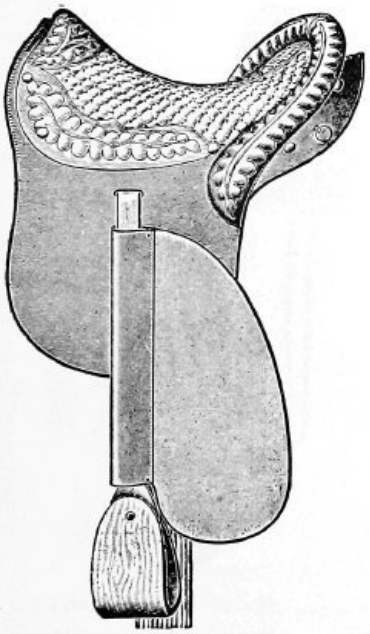


No. 214 McClellan, Full Covered, Black Leather.
Tree —14 in., McClellan.
Stirrup Leathers—1⅛ in.
Tie Straps—1 in.
Girth —Corded, ring.
Stirrups —4 in., wood.
No. 214 —Each..... $13.00

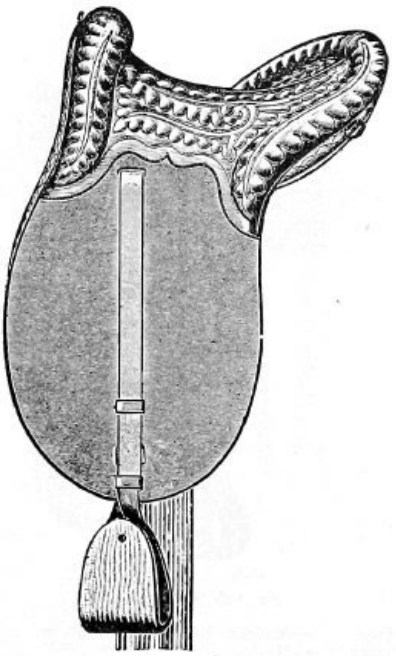
WEIGHT 9½ LBS.

ALL SADDLES ON THIS PAGE ARE FAIR LEATHER UNLESS OTHERWISE SPECIFIED

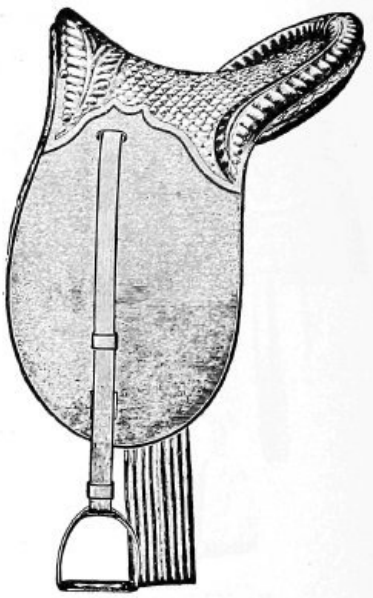
SADDLES.



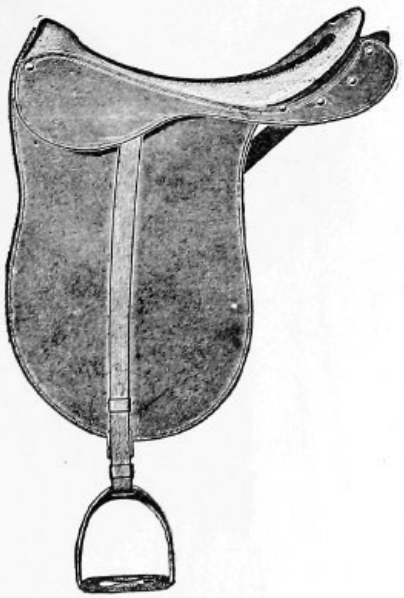
No. 230 Mosby or Ferguson.
Tree —15 in. Mosby or Ferguson.
Skirts and Fenders—Hogskin impression.
Seating —Calfskin, silk star stitched, hand raised
Pad —Leather lined bars, with underskirts.
Stirrup Leathers—1⅛ in.
Tie Straps—1¼ in.
Girth —Corded, ring.
Stirrups —4 in., wood.
No. 230 —Each..... $23.50
WEIGHT 17¼ LBS.



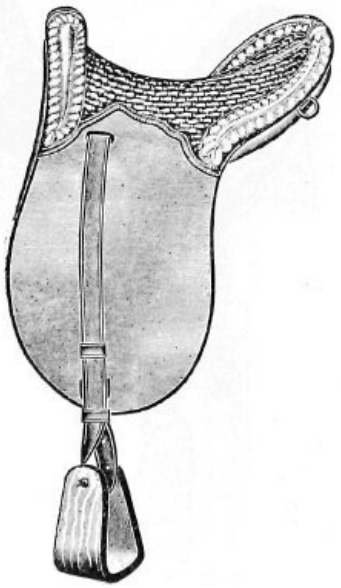
No. 300 Missouri Stitch Down.
Tree —17½ in., Missouri S. D., double gullet iron.
Skirts —Hogskin impression.
Seating —Calfskin, silk stitched, hand raised.
Pad —Sheepskin and heavy linen drill.
Stirrup Leathers—1¼ in.
Girth —4 in., corded, buckle.
Stirrups —4 in., wood.
No. 300 —Each..... $25.90
WEIGHT 17½ LBS.



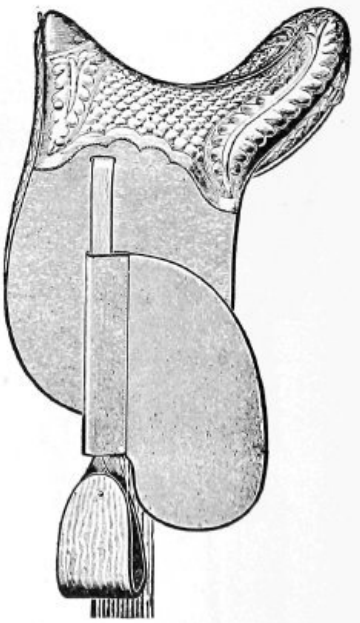
No. 305 Kentucky Stitch Down.
Tree —16½ in., Kentucky S. D., double gullet iron.
Skirts —Hogskin impression.
Seating —Calfskin, silk star stitched, hand raised.
Pad —Sheepskin and heavy linen drill.
Stirrup Leathers—1⅛ in.
Girth —Corded, buckle.
Stirrups —Iron.
No. 305 —Each..... $21.70
WEIGHT 15 LBS.



No. 262 Whitman Style.
Tree —16½ in., Boulevard.
Skirts —Hogskin impression.
Seating —Plain hogskin, open center.
Pad —Bars leather lined.
Stirrup Leathers—1⅛ in.
Tie Straps—1 in.
Girth —4 in., corded ring.
Stirrups —Iron.
No. 262 —Each..... $27.30
WEIGHT 12 LBS.



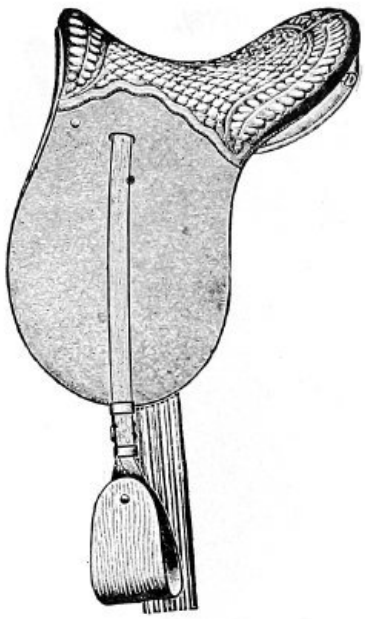
No. 303 Missouri Stitch Down.
Tree —17 in., solid leather.
Skirts —Hogskin impression.
Seating —Calfskin, silk star stitched, hand raised
Pad —Sheepskin and heavy linen.
Stirrup Leathers—1¼ in.
Girth —4 in., corded, buckle.
Stirrups —4 in., wood.
No. 303 —Each..... $24.00
WEIGHT 17 LBS.



No. 308 Kentucky Stitch Down.
Tree —16½ in., Kentucky S. D., double gullet iron.
Skirts and Fenders—Hogskin impression.
Seating —Calfskin, silk star stitched, hand raised.
Pad —Sheepskin and heavy linen drill.
Stirrup Leathers—1⅛ in.
Girth —Corded, buckle.
Stirrups —4 in., wood.
No. 308 —Each..... $22.50
WEIGHT 15 LBS.

ALL SADDLES ON THIS PAGE ARE FAIR LEATHER.

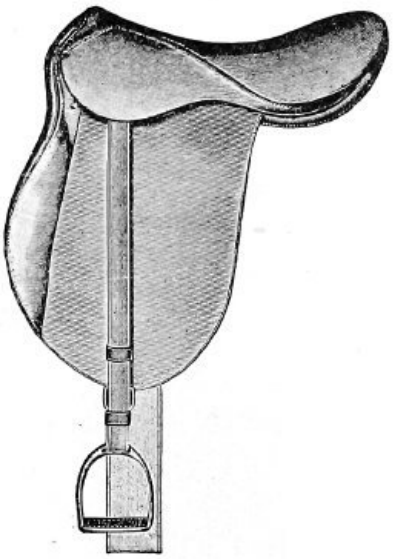
SADDLES.



No. 319 Kentucky Stitch Down.

Tree —16 in., Kentucky S. D.
Skirts —Hogskin impression.
Seating —Calfskin, star stitched with silk, hand raised.
Pad —Sheepskin and heavy linen drill.
Stirrup Leathers—1 in.
Girth —Corded, buckle.
Stirrups —4 in., wood.
No. 319 —Each..... $15.80

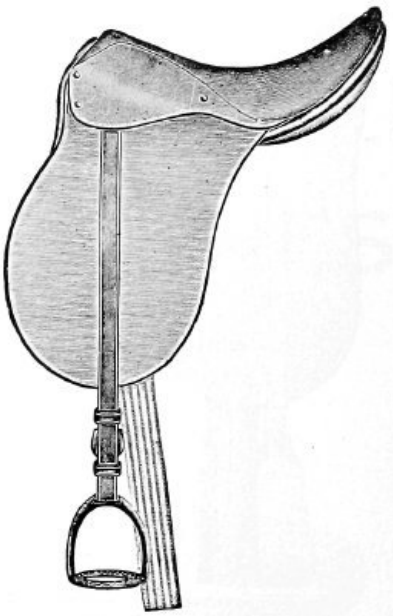
WEIGHT 12 LBS.



No. 340 English Cut Back.

Tree —17½ in., English cut-back, spring stirrup bars.
Skirts —Hogskin impression.
Seat and Puffs—Plain pigskin.
Pad —Sheepskin, worsted lined.
Stirrup Leathers—1⅛ in.
Girth —Corded, buckle.
Stirrups —Iron.
No. 340 —Each..... $31.70

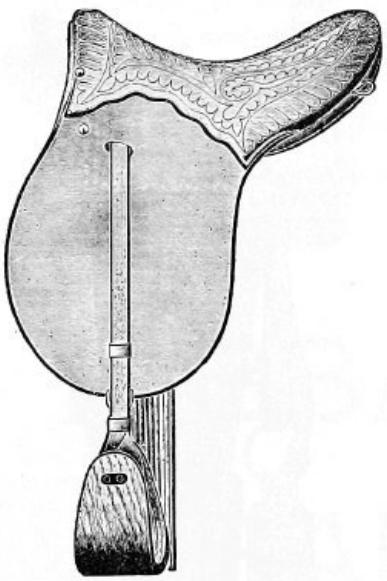
WEIGHT 13 LBS.



No. 352 English Cut Back.

Tree —15½ in., English cut back.
Skirts —Hogskin impression.
Seating —Plain pigskin.
Pad —Sheepskin and heavy linen.
Stirrup Leathers—1 in.
Girth —Corded, buckle.
Stirrups —Iron.
No. 352 —Each..... $14.50

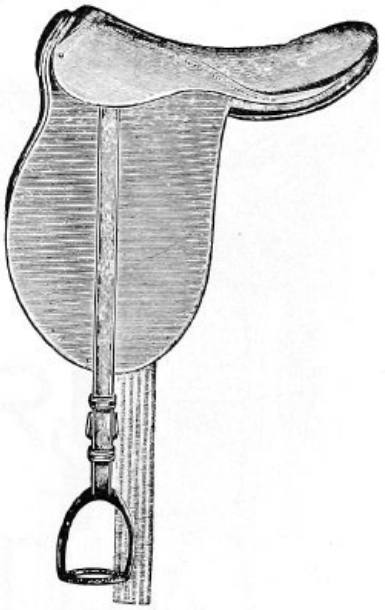
WEIGHT 10½ LBS.



No. 323 Kentucky Stitch Down.

Tree —16 in., Kentucky S. D.
Skirts —Hogskin impression.
Seating —Calfskin, quilted.
Pad —Sheepskin, osnaburg lined.
Stirrup Leathers—1 in.
Girth —Corded, buckle.
Stirrups —4 in., wood.
No. 323 —Each..... $12.90

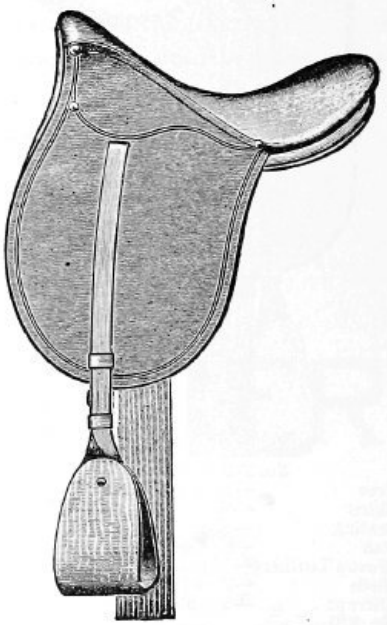
WEIGHT 10¼ LBS



No. 348 English Cut Back.

Tree —16 in., English cut back, spring stirrup bars.
Skirts —Hogskin impression.
Seating —Plain pigskin.
Pad —Sheepskin, Job's cloth lined.
Stirrup Leathers—1⅛ in.
Girth —Corded, buckle.
Stirrups —Iron.
No. 348 —Each..... $20.40

WEIGHT 11¼ LBS



No. 365 Saucerset, Fair Leather.

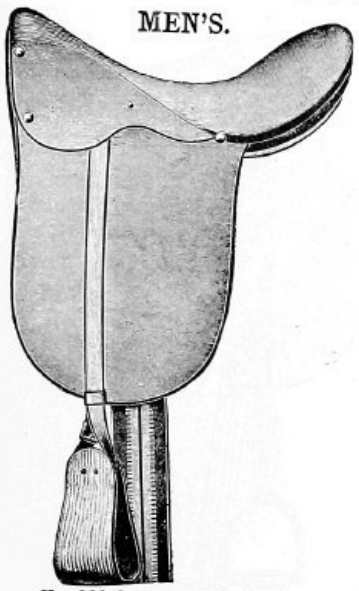
Tree —15½ in., Somerset.
Skirts —Hogskin impression.
Seating —Plain kip.
Pad —Enamel cloth.
Stirrup Leathers—⅞ in.
Girth —Fancy cotton, buckle.
Stirrups —4 in., wood.
No. 365 —Each..... $7.60

WEIGHT 7½ LBS.

ALL SADDLES ON THIS PAGE ARE FAIR LEATHER.

MEN'S AND BOYS' SADDLES.

MEN'S.

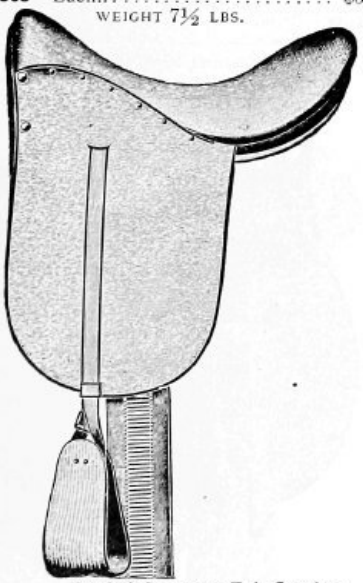


No. 368 Somerset Fair Leather.

Tree	—15½ in., Somerset.
Skirts	—Hogskin impression.
Seating	—Kip.
Pad	—Enamel cloth.
Stirrup Leathers	—⅞ in.
Girth	—Fancy cotton, buckle.
Stirrups	—2½ in., wood.

No. 368—Each..... $6.60

WEIGHT 7½ LBS.



No. 370 Somerset Fair Leather.

Tree	—15½ in. Somerset.
Skirts	—Hogskin impression.
Seating	—Kip.
Pad	—Enamel cloth.
Stirrup Leathers	—⅞ in.
Girth	—Fancy cotton, buckle.
Stirrups	—2½ in., wood.

No. 370—Each..... $6.00

WEIGHT 7½ LBS.

BOYS'.

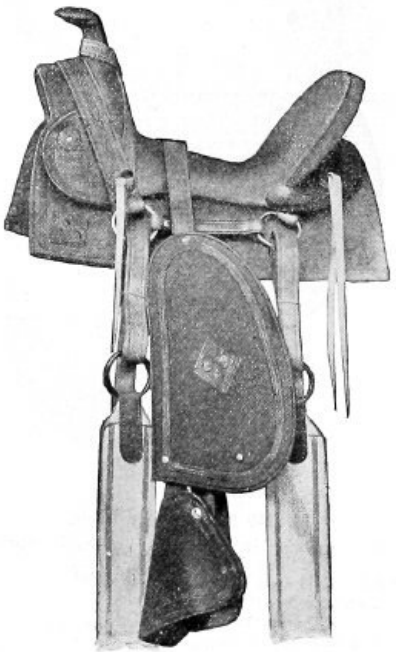
No. 374 Somerset.

Tree	—Somerset, 13½ in.
Seating	—Kip.
Pad	—Sheepskin, osnaburg lined.
Stirrup Leathers	—⅞ in.
Girth	—Cotton.
Stirrups	—Wood.

No. 374—Each..... $5.90

WEIGHT ABOUT 6½ LBS.

BOYS'.

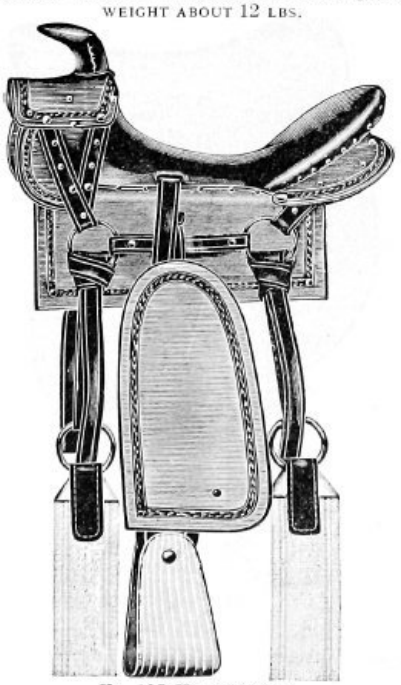


No. 194 Western Style.

Tree	—Kiowa, 12½ in.
Seat	—Half.
Stirrup Leathers	—1¼ in.
Tie Straps	—1⅛ in.
Stirrups	—Wood, hooded.
Girths	—3 in., cotton back-band.

No. 194—Each..... $17.70

WEIGHT ABOUT 12 LBS.



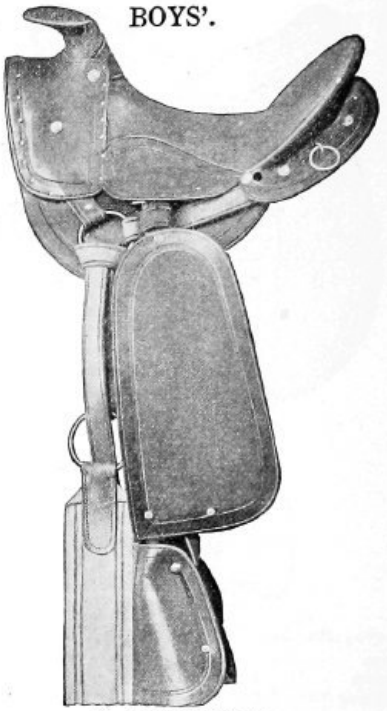
No. 195 Horn Morgan.

Tree	—Morgan, 12 in.
Seat	—Full.
Stirrup Leathers	—⅞ in
Tie Straps	—⅞ in
Stirrups	—Wood.
Girths	—3 in., cotton back-band.

No. 195—Each..... $10.00

WEIGHT ABOUT 8½ LBS.

BOYS'.



No. 196 Horn Morgan.

Tree	—Morgan, 11 in.
Seat	—Full.
Stirrup Leathers	—1 in.
Tie Straps	—1 in.
Stirrups	—Wood, hooded.
Girth	—3 in., cotton back-band.

No. 196—Each..... $10.00

WEIGHT ABOUT 7½ LBS.

No. 197 Horn Morgan.

Tree	—Morgan, 11 in.
Seat	—Half.
Stirrup Leathers	—1 in.
Tie Straps	—1 in.
Stirrups	—Wood, hooded.
Girth	—3 in., cotton back-band.

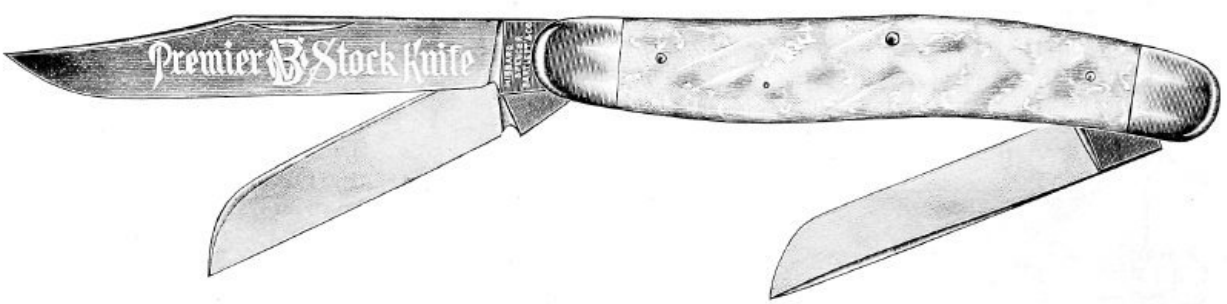
No. 197—Each..... $9.00

WEIGHT ABOUT 6½ LBS.

ALL SADDLES ON THIS PAGE ARE FAIR LEATHER.

CUTLERY,

STERLING AND SILVER PLATED WARES, CLOCKS, WATCHES AND CUT GLASS WARE



Our stock embraces about three thousand styles of pocket knives, and a corresponding assortment of tables, shears, scissors, razors, etc. We illustrate our leading patterns only. Our warranted cutlery is excellent in quality. It is made by the most experienced American workmen, is highly finished, and put up in attractive style. The prices are low. Goods of our own brand are fully warranted.

Our specialty is a line of high grade cutlery etched in our trade mark—"Our Very Best."

We guarantee every article in this line to be unexcelled in quality, variety of patterns, or finish.

HIBBARD, SPENCER, BARTLETT & CO.

CHICAGO

ETCHING CUTLERY.

ETCHING DEPARTMENT.

The very best way of increasing trade in pocket cutlery is through the dealer's advertisement on the large blade of his best knives. If this is done wisely, it establishes a reputation for all knives bearing the dealer's name, adding his reputation to that of the maker, and thus is a convincing argument to the quality of the article. The consumer is sure of a double guaranty, and if the brand is unknown, he at least knows that the dealer would not have his name on inferior goods. It is also a strong safeguard against theft. Several times every year we hear of stolen goods recovered which had been etched by us, the name on the blade identifying the knives and establishing evidence to convict the thieves. Numbers of our customers have informed us that they had been robbed, the thieves leaving the etched knives untouched.

Our etching department, beginning in 1896 in a very modest way, has grown to an important adjunct to our cutlery business. Our etchers have become artists in their work, having every appliance necessary or desirable to produce fine results.

Etching has become popular, and the public is quick to notice the enterprise of a dealer who has something new to offer.

We make no charge whatever for this work, feeling that we are amply repaid by the increased business the dealer is sure to give us in consequence of adding to the selling quality of his knives. Our only requirements are that a sufficient (not a large) quantity is ordered each time to warrant it, and that the goods are such that we as a firm would care to affix our guaranty.

We shall be glad to explain more fully through our representatives or by letter our position in this matter and show samples of the work.

POCKET KNIFE BLADES.

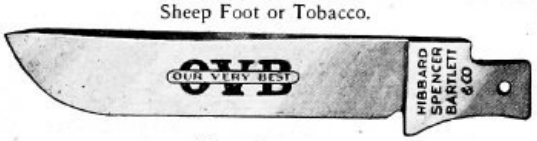
USED IN OVB POCKET KNIVES.

Cuts Full Size.

Spear Point.

Clip Point.

Sheep Foot or Tobacco.

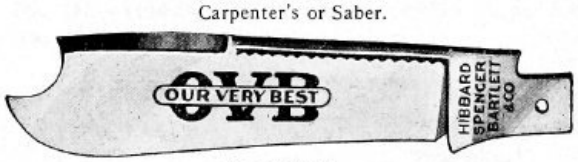


Large Spey.

Small Spey or Budding.

Wharncliffe.

Carpenter's or Saber.



Razor Blade.

Pruning.

Pen Blade.

File Blade.

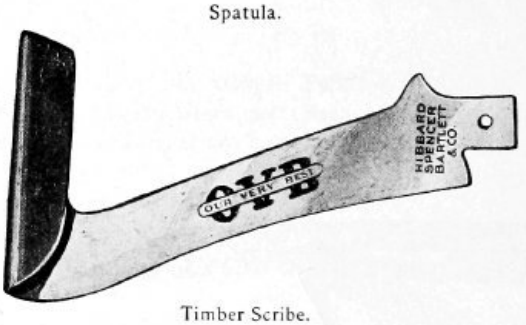
Harrison Patent Punch Blade.

Corn.

Eraser.

Screw Driver.

Spatula.



Timber Scribe.

Cotton Samplers.

We do not carry pocket knife blades in stock. The illustrations shown on this page being reproductions of the different styles used in OVB pocket knives. Slight variations are made to adapt them to the different knives to which they form a part. All are made from Wardlow's Celebrated English crucible steel. **Each blade is forged in the most approved manner** by expert workmen. Great care is taken to avoid overheating the metal, the forging being done at a very low heat, thereby condensing the metal and making it extremely tough. The tempering is done by a process which insures uniform hardness through the metal. All blades bearing the OVB trademark are carefully ground, finished and crocus polished on both sides. The shank is carefully shaped and finished. Every blade is inspected, whetted to a fine cutting edge and warranted to be free from flaw and neither too hard or too soft.

In material, workmanship and design, the OVB pocket knife blades are equal, if not superior to any made in this or any other country. They are and always have been the product of one factory which has in its employ, men who have served thirty, forty and fifty years in their service.

POCKET KNIVES.

"OUR VERY BEST," WARRANTED.

No. 411.

Crocus Polished.

No. 157—1 blade, cocoa, iron lined, 3⅛ in., - per dozen $3.20
No. 519—2 blades, cocoa, iron lined, 3⅛ in., - " 5.25
No. 411—2 blades, ebony, iron lined, 3¼ in., - " 5.50
No. 444—2 blades, cocoa, iron lined, 3⅜ in., - " 5.60
No. 412—2 blades, ebony, iron lined, 3⅜ in., - " 6.00
No. 448—2 blades, cocoa, brass lined, 3⅜ in., - " 6.80

No. 165.

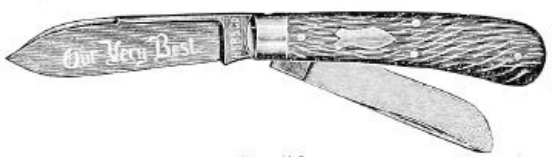
Crocus Polished.

No. 165—1 blade, iron, 3⅜ in., - - per dozen $3.20
No. 534—2 blades, iron, 3⅜ in., - - " 5.20

No. 155.

Crocus Polished.

No. 155—1 blade, cocoa, iron lined, 3⅝ in., - per dozen $4.00
No. 161—1 blade, stag, iron lined, 3⅝ in., - " 4.00



No. 479.

Crocus Polished.

No. 158—1 speying blade, cocoa, iron lined, 3⅝ in., per dozen $4.80
No. 479—2 blades, cocoa, iron lined, 3⅝ in., - " 8.00

No. 447.

Crocus Polished.

No. 447—2 blades, ebony, iron lined, 3⅝ in., - per dozen $6.80
No. 511—2 blades, stag, brass lined, 3⅜ in., - " 6.80
No. 514—2 blades, stag, iron lined, 3⅝ in., - " 7.60

Nos. 511 and 514 have hollow bolster.

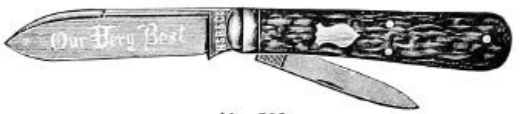
No. 513.

Crocus Polished.

No. 443—2 blades, cocoa, iron lined, 3½ in., - per dozen $6.40
No. 510—2 blades, stag, brass lined, 3⅜ in., - " 6.80
No. 513—2 blades, stag, brass lined, 3⅝ in., - " 7.60

Nos. 510 and 513 have hollow bolster.

HALF DOZEN IN A BOX.



No. 509.

Crocus Polished.

No. 509—2 blades, stag, brass lined, 3½ in., - per dozen $6.80
No. 512—2 blades, stag, brass lined, 3⅝ in., - " 7.60

No. 445.

Crocus Polished.

No. 154—1 blade, cocoa, iron lined, 3½ in., - per dozen $4.00
No. 445—2 blades, cocoa, iron lined, 3⅝ in., - " 6.40
No. 413—2 blades, ebony, iron lined, 3⅝ in., - " 6.80
No. 449—2 blades, cocoa, brass lined, 3½ in., - " 7.20
No. 446—2 blades, cocoa, iron lined, 3¾ in., - " 7.20
No. 414—2 blades, ebony, iron lined, 3⅞ in., - " 7.60
No. 450—2 blades, cocoa, brass lined, 3¾ in., - " 8.00

No. 456.

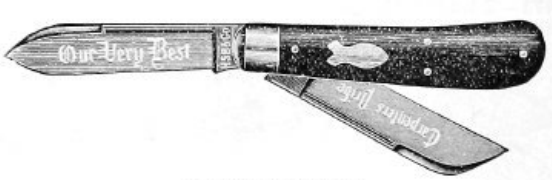
Crocus Polished.

No. 456—2 blades, cocoa, brass lined, 3⅝ in., - per dozen $8.00
No. 457—2 blades, ebony, brass lined, 3⅝ in., - " 8.15

No. 454.

Crocus Polished.

No. 453—2 blades, cocoa, brass lined, 3⅝ in., - per dozen $7.60
No. 454—2 blades, ebony, brass lined, 3⅝ in., - " 7.75
No. 455—2 blades, white bone, brass lined, 3⅝ in., " 8.80



Crocus Polished.

No. 506—2 blades, ebony, iron lined, 3⅝ in., - per dozen $8.40

HALF DOZEN IN A BOX.

POCKET KNIVES.

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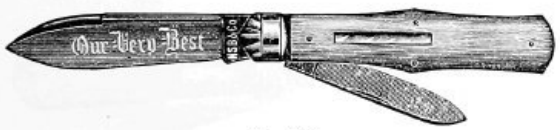
No. 489.

Crocus Polished.

No. 489—2 blades, cocoa, brass lined, 3¾ in., - per dozen $8.25
No. 490—2 blades, buffalo, brass lined, 3¾ in., - " 8.40



No. 503.

Crocus Polished.

No. 501—2 blades, cocoa, brass lined, 3¾ in., - per dozen $8.40
No. 502—2 blades, ebony, brass lined, 3¾ in., - " 8.55
No. 503—2 blades, white bone, brass lined, 3¾ in., " 9.60
No. 515—2 blades, cocoa, iron lined, 3¾ in., - " 7.20

No. 515 has plain bolster.

No. 525.

Crocus Polished.

No. 301—2 blades, ebony, brass lined, 3⅜ in., - per dozen $7.60
No. 524—2 blades, cocoa, brass lined, 3½ in., - " 8.80
No. 525—2 blades, ebony, brass lined, 3½ in., - " 9.00
No. 526—2 blades, stag, brass lined, 3½ in., - " 9.20

No. 487½.

Crocus Polished.

No. 485 —2 blades, cocoa, brass lined, 3½ in., - per dozen $8.00
No. 486 —2 blades, ebony, brass lined, 3½ in., - " 8.15
No. 487½—2 blades, white bone, brass lined, 3½ in., " 9.20
No. 488 —2 blades, stag, brass lined, 3½ in., - " 8.40

No. 470.

Crocus Polished.

No. 470—2 blades, cocoa, brass lined, 3¾ in., - per dozen $ 9.60
No. 471—2 blades, ebony, brass lined, 3¾ in., - " 9.75
No. 472—2 blades, white bone, brass lined, 3¾ in., " 10.40

Crocus Polished.

No. 256—2 blades, ebony, brass lined, 4 in., - per dozen $10.40

HALF DOZEN IN A BOX.

No. 460.

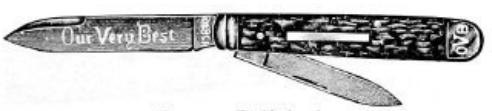
Crocus Polished.

No. 458—2 blades, buffalo, brass lined, 3⅛ in., - per dozen $ 7.60
No. 460—2 blades, pearl, brass lined, 3⅛ in., - " 16.60

No. 451.

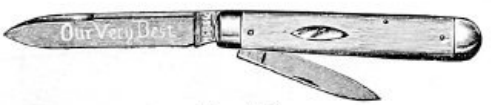
Crocus Polished.

No. 451—2 blades, cocoa, brass lined, 3⅜ in., - per dozen $7.20
No. 452—2 blades, ebony, brass lined, 3⅜ in., - " 7.35



Crocus Polished.

No. 461½—2 blades, stag, brass lined, 3⅛ in., - per dozen $6.80



No. 462.

Crocus Polished.

No. 461—2 blades, buffalo, brass lined, 3⅛ in., - per dozen $ 8.80
No. 462—2 blades, ivory, brass lined, 3⅛ in., - " 10.80
No. 463—2 blades, pearl, brass lined, 3⅛ in., - " 15.80

No. 441.

Crocus Polished.

No. 439—2 blades, cocoa, brass lined, 3⅜ in., - per dozen $ 9.20
No. 440—2 blades, ebony, brass lined, 3⅜ in., - " 9.35
No. 441—2 blades, stag, brass lined, 3⅜ in., - " 9.60
No. 442—2 blades, white bone, brass lined, 3⅜ in., " 11.20

No. 418.

Crocus Polished.

No. 153—1 blade, cocoa, iron lined, 3⅝ in., - per dozen $4.00
No. 418—2 blades, cocoa, brass lined, 3⅞ in., - " 9.20
No. 419—2 blades, buffalo, brass lined, 3⅞ in., - " 9.35
No. 477—2 blades, cocoa, brass lined, 3⅞ in., - " 9.60
No. 478—2 blades, ebony, brass lined, 3⅞ in., - " 9.75

Nos. 477 and 478 are extra heavy.

HALF DOZEN IN A BOX.

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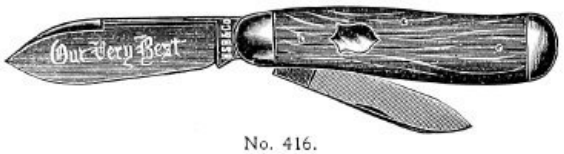
No. 421.

Crocus Polished.

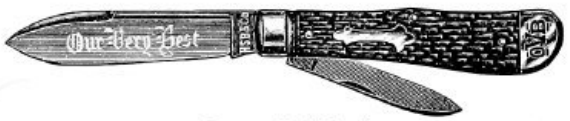
No. 420—2 blades, cocoa, brass lined, 3½ in., - per dozen $9.60
No. 421—2 blades, ebony, brass lined, 3½ in., - " 9.75



No. 416.

Crocus Polished.

No. 416—2 blades, cocoa, brass lined, 3¾ in., - per dozen $10.00
No. 417—2 blades, ebony, brass lined, 3¾ in., - " 10.15



Crocus Polished.

No. 484—2 blades, stag, brass lined, 3⅝ in., - per dozen $10.40

Crocus Polished.

No. 521—2 blades, stag, brass lined, 3½ in., - per dozen $10.00

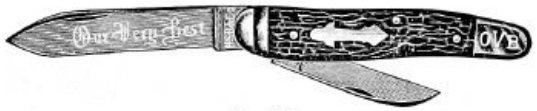
Crocus Polished.

No. 500—2 blades, stag, brass lined, 3⅝ in., - per dozen $10.40

No. 540.

Crocus Polished.

No. 540—2 blades, ebony, brass lined, 3⅜ in., - per dozen $ 8.80
No. 541—2 blades, stag, brass lined, 3⅜ in., - " 9.00
No. 542—2 blades, white bone, brass lined, 3⅜ in., " 12.80



No. 546.

Crocus Polished.

No. 546 —2 blades, stag, brass lined, 3½ in., - per dozen $10.40
No. 547½—2 blades, white bone, brass lined, 3½ in., " 11.20

HALF DOZEN IN A BOX.

No. 388.

Crocus Polished.

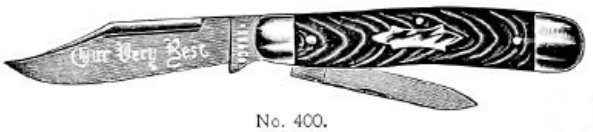
No. 387—2 blades, cocoa, brass lined, 3½ in., - per dozen $8.80
No. 388—2 blades, ebony, brass lined, 3½ in., - " 9.00
No. 389—2 blades, stag, brass lined, 3½ in., - " 9.20

No. 389 has hollow bolsters.

No. 392.

Crocus Polished.

No. 392—2 blades, stag, brass lined, 3½ in., - per dozen $ 9.60
No. 402—2 blades, stag, brass lined, 3⅞ in., - " 10.80



No. 400.

Crocus Polished.

No. 390—2 blades, cocoa, brass lined, 3½ in., - per dozen $ 9.20
No. 391—2 blades, ebony, brass lined, 3½ in., - " 9.35
No. 400—2 blades, cocoa, brass lined, 3⅞ in., - " 10.40
No. 401—2 blades, ebony, brass lined, 3⅞ in., - " 10.50

No. 396.

Crocus Polished.

No. 396—2 blades, cocoa, brass lined, 3⅞ in., - per dozen $10.00
No. 397—2 blades, ebony, brass lined, 3⅞ in., - " 10.15
No. 398—2 blades, stag, brass lined, 3⅞ in., - " 10.40

No. 398 has hollow bolsters.

No. 432.

Crocus Polished.

No. 432 —2 blades, cocoa, brass lined, 3½ in., - per dozen $ 9.20
No. 433 —2 blades, ebony, brass lined, 3½ in., - " 9.35
No. 434 —2 blades, stag, brass lined, 3½ in., - " 9.60
No. 434½—2 blades, white bone, brass lined, 3½ in., " 11.20
No. 435 —2 blades, pearl, brass lined, 3½ in., - " 20.65

HALF DOZEN IN A BOX.

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No. 422.

Crocus Polished.

No. 422—2 blades, cocoa, brass lined, 3½ in., - per dozen $9.20
No. 423—2 blades, ebony, brass lined, 3½ in., - " 9.35
No. 424—2 blades, stag, brass lined, 3½ in., - " 9.60

Crocus Polished.

No. 469—2 blades, stag, brass lined, 3½ in., - per dozen $10.00

No. 499.

Crocus Polished.

No. 496 —2 blades, cocoa, brass lined, 3¾ in., per dozen $10.80
No. 497 —2 blades, ebony, brass lined, 3¾ in., " 11.00
No. 499 —2 blades, stag, brass lined, 3¾ in., " 11.20
No. 498½—2 blades, ivory, brass lined, 3¾ in., " 16.80

No. 393.

Crocus Polished.

No. 393—2 blades, cocoa, brass lined, 3⅝ in., - per dozen $ 9.60
No. 394—2 blades, ebony, brass lined, 3⅝ in., - " 9.75
No. 406—2 blades, cocoa, brass lined, 3⅝ in., - " 9.60
No. 407—2 blades, stag, brass lined, 3⅝ in., - " 10.00

Nos. 406 and 407 have single spring.

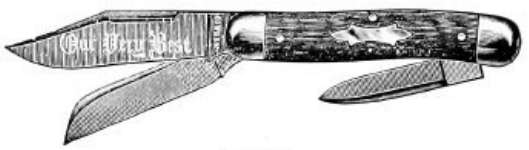
Crocus Polished.

No. 408—2 blades, pearl, brass lined, 3⅞ in., - per dozen $29.00

Crocus Polished.

No. 707—3 blades, stag, brass lined, 3¾ in., - per dozen $14.40

HALF DOZEN IN A BOX.

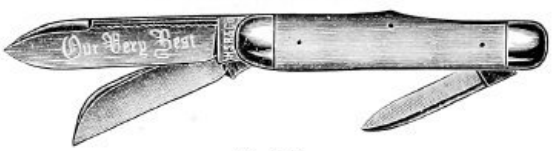


No. 695.

Crocus Polished.

No. 695 —3 blades, cocoa, brass lined, 3½ in., per dozen $12.40
No. 696 —3 blades, ebony, brass lined, 3½ in., " 12.55
No. 696½—3 blades, stag, brass lined, 3½ in., " 12.80
No. 695½—3 blades, white bone, brass lined, 3½ in., " 14.40

No. 696½ has hollow bolsters.

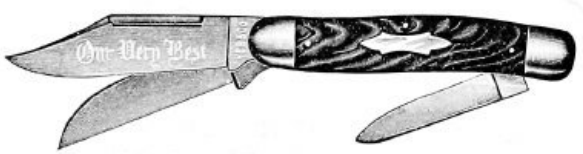


No. 703.

Crocus Polished.

No. 701—3 blades, ebony, brass lined, 3⅝ in., - per dozen $13.40
No. 702—3 blades, stag, brass lined, 3⅝ in., - " 13.60
No. 703—3 blades, pearl, brass lined, 3⅝ in., - " 27.55

No. 702 has hollow bolsters.

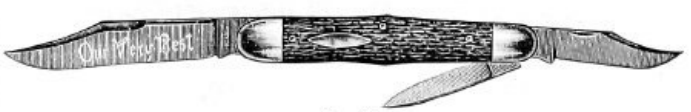


No. 704.

Crocus Polished.

No. 704—3 blades, cocoa, brass lined, 3⅞ in., - per dozen $13.60
No. 705—3 blades, ebony, brass lined, 3⅞ in., - " 13.80
No. 706—3 blades, stag, brass lined, 3⅞ in., - " 14.00

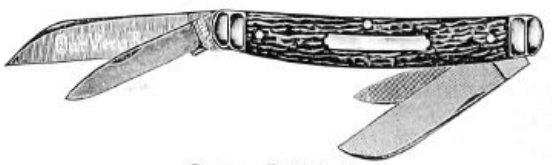
No. 706 has hollow bolsters.



No. 783.

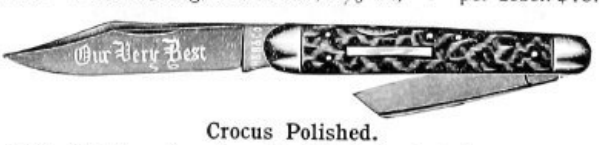
Crocus Polished.

No. 782—3 blades, buffalo, brass lined, 3⅝ in., - per dozen $14.40
No. 783—3 blades, stag, brass lined, 3⅝ in., - " 14.80
No. 784—3 blades, white bone, brass lined, 3⅝ in., " 17.60
No. 785—3 blades, pearl, brass lined, 3⅝ in., - " 24.00



Crocus Polished.

No. 828—4 blades, stag, brass lined, 3⅞ in., - per dozen $15.70



Crocus Polished.

No. 527—2 blades, stag, brass lined, lock back, 3⅞ in., per dozen, - - - - - - - - - $15.20

HALF DOZEN IN A BOX.

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No. 772.

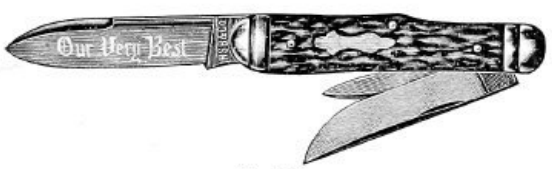
Crocus Polished.

No. 770—3 blades, buffalo, brass lined, 3⅜ in., - per dozen $12.00
No. 771—3 blades, stag, brass lined, 3⅜ in., - " 12.40
No. 772—3 blades, ivory, brass lined, 3⅜ in., - " 14.40

No. 766.

Crocus Polished.

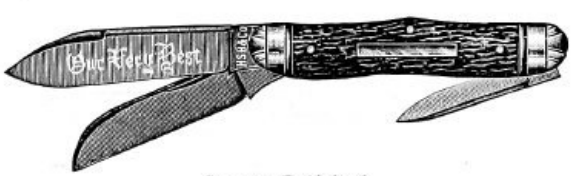
No. 764 —3 blades, cocoa, brass lined, 3⅜ in., per dozen $12.00
No. 765 —3 blades, ebony, brass lined, 3⅜ in., " 12.20
No. 766 —3 blades, stag, brass lined, 3⅜ in., " 12.80
No. 767½—3 blades, white bone, brass lined, 3⅜ in., " 13.00
No. 768 —3 blades, pearl, brass lined, 3⅜ in., " 23.10



No. 718.

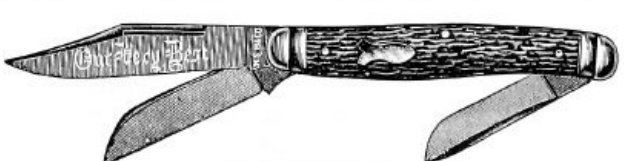
Crocus Polished.

No. 794—3 blades, ebony, brass lined, large blade clip point, 3⅝ in., - - - - - - per dozen $14.40
No. 718—3 blades, stag, brass lined, large blade spear point, 3⅝ in., - - - - - - per dozen 15.20



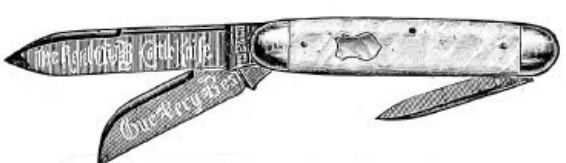
Crocus Polished.

No. 751—3 blades, stag, brass lined, 3¾ in., - per dozen $14.40



Crocus Polished.

No. 743—3 blades, stag, brass lined, 4 in., - per dozen $14.80

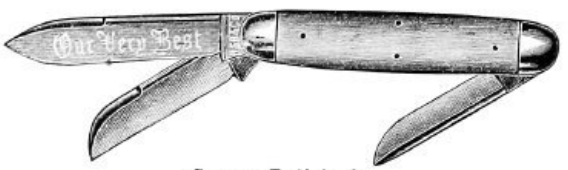


No. 774.

Crocus Polished.

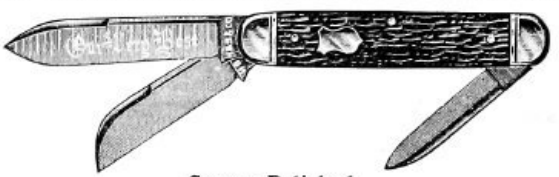
No. 773—3 blades, stag, brass lined, 3⅝ in., - per dozen $14.40
No. 774—3 blades, pearl, brass lined, 3⅝ in., - " 28.75

HALF DOZEN IN A BOX.



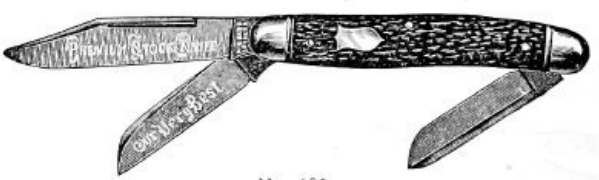
Crocus Polished.

No. 675—3 blades, pearl, brass lined, 3⅝ in., - per dozen $28.75



Crocus Polished.

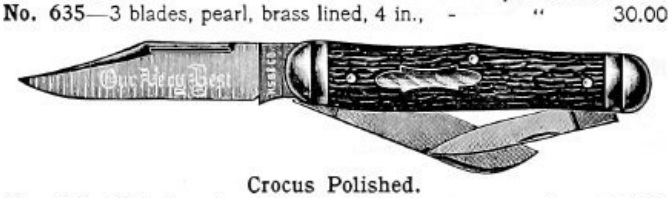
No. 749—3 blades, stag, brass lined, 3⅝ in., - per dozen $14.80



No. 630.

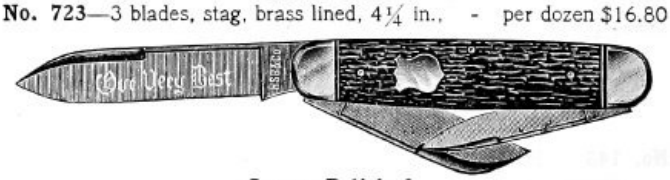
Crocus Polished.

No. 630—3 blades, stag, rope milled brass lining, 4 in., per dozen, - - - - - - - - $16.00
No. 632—3 blades, stag, brass lined, 4 in., large blade clip point, - - - - - - per dozen 16.00
No. 633—3 blades, stag, brass lined, 4 in., large blade spear point, - - - - - - per dozen 16.00
No. 634—3 blades, pearl, German silver lined, 4 in., " 28.00
No. 648—3 blades, stag, rope milled German silver lining, 4 in., - - - - - - - per dozen 17.00
No. 649—3 blades, pearl, rope milled German silver lining, 4 in., - - - - - - - per dozen 30.00
No. 635—3 blades, pearl, brass lined, 4 in., - " 30.00



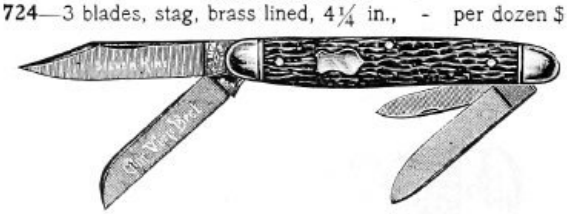
Crocus Polished.

No. 723—3 blades, stag, brass lined, 4¼ in., - per dozen $16.80



Crocus Polished.

No. 724—3 blades, stag, brass lined, 4¼ in., - per dozen $19.20



No. 838.

Crocus Polished.

No. 838—4 blades, stag, 3⅞ in., - - per dozen $16.80
No. 843—4 blades, pearl, 3⅞ in., - - " 28.75

Rope milled German silver lining.

HALF DOZEN IN A BOX.

POCKET KNIVES.

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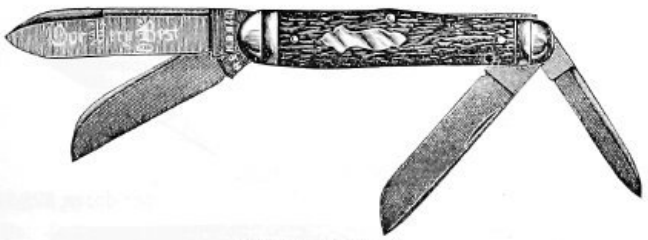


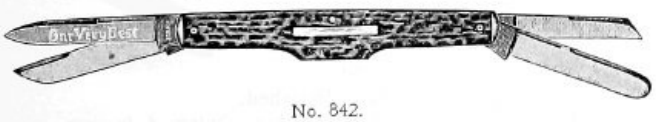
Crocus Polished.

No. 840—4 blades, stag, brass lined, 3⅝ in., - per dozen $17.60

No. 713.

Crocus Polished.

No. 712—3 blades, stag, brass lined, 3⅜ in., - per dozen $14.40
No. 713—3 blades, shell, brass lined, 3⅜ in., - " 23.10
No. 714—3 blades, pearl, brass lined, 3⅜ in., - " 23.10



No. 842.

Crocus Polished.

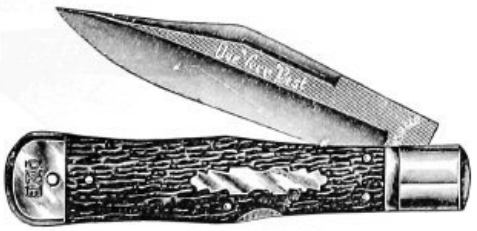
No. 842—4 blades, stag, brass lined, 3¾ in., - per dozen $18.40
No. 856—4 blades, pearl, brass lined, 3¾ in., - " 31.60

Crocus Polished.

No. 127—1 blade, cocoa, brass lined, lock back, 4½ in., per dozen, - - - - - - - - $13.20

Crocus Polished.

No. 143—1 blade, stag, brass lined, lock back, 4½ in., per dozen, - - - - - - - - - $13.20



Crocus Polished.

No. 156—1 blade, stag, brass lined, lock back, 5½ in. handle, 4⅝ in. blade, - - - - - - per dozen $20.00

HALF DOZEN IN A BOX.

No. 465.

Crocus Polished.

No. 464 —2 blades, buffalo, brass lined, 3¼ in., per dozen $ 9.60
No. 464½—2 blades, stag, brass lined, 3¼ in., " 10.00
No. 465 —2 blades, ivory, brass lined, 3¼ in., " 12.00
No. 466 —2 blades, pearl, brass lined, 3¼ in., " 19.50

No. 464½ has hollow bolster.

No. 375.

Crocus Polished.

No. 467—2 blades, ebony, brass lined, 3¾ in., - per dozen $10.80
No. 375—2 blades, stag, brass lined, 3¾ in., - " 12.80
No. 468—2 blades, pearl, brass lined, 3¾ in., - " 26.60

Crocus Polished.

No. 522—1 spear and 1 spatula blade, stag, brass lined, 3⅜ in., - - - - - - per dozen $10.80

Crocus Polished.

No. 523—1 spear and 1 spatula blade, pearl, brass lined, 3¾ in., - - - - - - per dozen $27.95

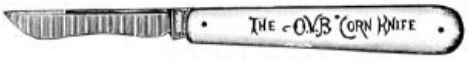
No. 133.

No. 131—1 blade, spatula, easy opener, cocoa, brass lined, 3⅜ in., - - - - - - per dozen $ 6.40
No. 133—1 blade, spatula, easy opener, pearl, brass lined, aluminum bolsters, 3⅜ in., - - - per dozen 12.15

No. 647.

Crocus Polished.

No. 646—2 blades, spatula, stag, brass lined, 3⅜ in., per dozen, - - - - - - - - $14.20
No. 647—2 blades, spatula, pearl, brass lined, 3⅜ in., per dozen, - - - - - - - - 23.50



Crocus Polished.

No. 152—1 blade, ivory, brass lined, 3¼ in., - per dozen $13.60

HALF DOZEN IN A BOX.

POCKET KNIVES.

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No. 409.

Crocus Polished.

No. 409—2 blades, shell, brass lined, 2⅝ in., - per dozen $10.95
No. 410—2 blades, pearl, brass lined, 2⅝ in., - " 10.95

No. 325—1 blade, with button hook, pearl, brass lined, 2⅝ in., - - - - - - - per dozen $8.00

No. 551.

Crocus Polished.

No. 550—2 blades, ivory, German silver lined, 2¾ in., per dozen, - - - - - - - - - $ 8.80
No. 551—2 blades, pearl, German silver lined, 2¾ in., per dozen, - - - - - - - - - 11.35

Crocus Polished.

No. 761—3 blades, pearl, German silver lined, 3 in., per dozen, - - - - - - - - - $17.60

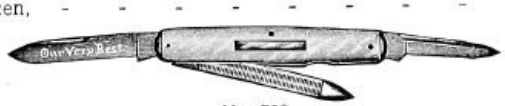
No. 744.

Crocus Polished.

No. 744—3 blades, pearl, German silver lined, 2⅝ in., per dozen, - - - - - - - - - $16.60
No. 776—3 blades, pearl, German silver lined, 2⅞ in., per dozen, - - - - - - - - - 19.20

Crocus Polished.

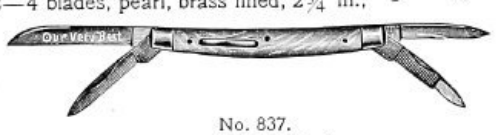
No. 793—3 blades, pearl, German silver lined, 2⅝ in., per dozen, - - - - - - - - - $16.00



No. 709.

Crocus Polished.

No. 709—3 blades, pearl, brass lined, 2¾ in., - per dozen $20.20
No. 822—4 blades, pearl, brass lined, 2¾ in., - " 20.60



No. 837.

Crocus Polished.

No. 531—2 blades, ivory, German silver lined, 2¾ in., per dozen, - - - - - - - - $ 8.00
No. 533—2 blades, pearl, German silver lined, 2¾ in., per dozen, - - - - - - - - 10.40
No. 837—4 blades, pearl, German silver lined, 2¾ in., per dozen, - - - - - - - - 16.00

HALF DOZEN IN A BOX.

No. 552.

Crocus Polished.

No. 552—2 blades, stag, German silver lined, patent nail file, 2⅞ in., - - - - - - per dozen $12.00
No. 554—2 blades, pearl, German silver lined, patent nail file, 2⅞ in., - - - - - - per dozen 21.80

No. 559.

Crocus Polished.

No. 558—2 blades, stag, German silver lined, patent nail file, 3 in., - - - - - - - per dozen $13.20
No. 559—2 blades, ivoride, German silver lined, patent nail file, 3 in., - - - - - - - per dozen 14.40
No. 560—2 blades, pearl, German silver lined, patent nail file, 3 in., - - - - - - - per dozen 24.20

No. 556.

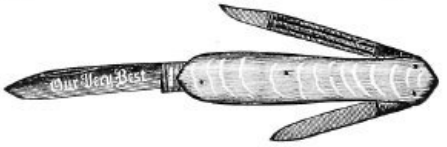
Crocus Polished.

No. 555—2 blades, stag, German silver lined, patent nail file, 3 in., - - - - - - - per dozen $13.20
No. 556—2 blades, ivoride, German silver lined, patent nail file, 3 in., - - - - - - - per dozen 14.40
No. 557—2 blades, pearl, German silver lined, patent nail file, 3 in., - - - - - - - per dozen 24.20

No. 797.

Crocus Polished.

No. 796—3 blades, stag, German silver lined, patent nail file, 3 in., - - - - - - - per dozen $14.40
No. 797—3 blades, pearl, German silver lined, patent nail file, 3 in., - - - - - - - per dozen 21.40



Crocus Polished.

No. 786—3 blades, pearl, German silver lined, patent nail file, 3 in., - - - - - - - per dozen $28.80

HALF DOZEN IN A BOX.

POCKET KNIVES.

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No. 505.

Crocus Polished.

No. 504—2 blades, stag, brass lined, 3 in., - per dozen $ 7.60
No. 505—2 blades, pearl, brass lined, 3 in., - " 15.40

Crocus Polished.

No. 399—2 blades, pearl, brass lined, 3 in., - per dozen $18.40

No. 824.

Crocus Polished, Rope Milled Brass Lining.

No. 823—4 blades, pearl, 2¾ in., - - per dozen $19.40
No. 825—4 blades, stag, 3⅛ in., - - " 16.00
No. 824—4 blades, pearl, 3⅛ in., - - " 22.70

Crocus Polished, German Silver Lined.

No. 495—2 blades, pearl, 2⅝ in., - - per dozen $17.00

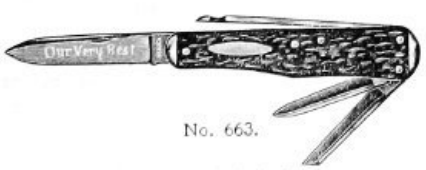
No. 753.

Crocus Polished, German Silver Lined.

No. 753—3 blades, stag, 2¾ in., - - per dozen $16.00
No. 754—3 blades, pearl, 2¾ in., - - " 21.10

Crocus Polished, German Silver Lined.

No. 740—3 blades, pearl, 2¼ in., - - per dozen $19.20



No. 663.

Crocus Polished.

No. 643—2 blades, stag, brass lined, 3 in., - per dozen $16.00
No. 644—2 blades, pearl, brass lined, 3 in., - " 25.60
No. 645—2 blades, aluminum, brass lined, 3 in., " 17.00
No. 663—3 blades, stag, brass lined, 3⅛ in., - " 24.00
No. 664—3 blades, pearl, brass lined, 3⅛ in., - " 34.00

HALF DOZEN IN A BOX.

Crocus Polished.

No. 745—3 blades, pearl, German silver lined, with tortoise shell nail cleaner, 2⅝ in., - - - per dozen $25.60

No. 585.

Crocus Polished.

No. 583—2 blades, buffalo, brass lined, 3 in., - per dozen $ 7.20
No. 584—2 blades, stag, brass lined, 3 in., - " 7.20
No. 585—2 blades, pearl, brass lined, 3 in., - " 15.80

No. 362.

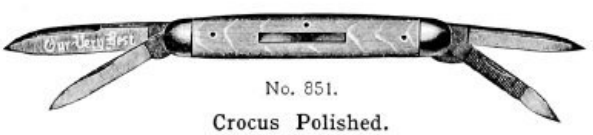
Crocus Polished.

No. 528—2 blades, ivory, brass lined, 2¾ in., - per dozen $ 8.40
No. 530—2 blades, pearl, brass lined, 2¾ in., - " 11.40
No. 363—2 blades, stag, brass lined, 3 in., - " 9.20
No. 360—2 blades, ivory, brass lined, 3 in., - " 9.60
No. 362—2 blades, pearl, brass lined, 3 in., - " 13.60

No. 569.

Crocus Polished.

No. 567—2 blades, stag, brass lined, 3⅛ in., - per dozen $ 8.80
No. 569—2 blades, pearl, brass lined, 3⅛ in., - " 14.00
No. 537—2 blades, stag, brass lined, 3½ in., - " 9.20
No. 538—2 blades, ivory, brass lined, 3½ in., - " 10.40
No. 539—2 blades, pearl, brass lined, 3½ in., - " 16.00



No. 851.

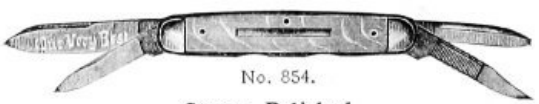
Crocus Polished.

No. 849—4 blades, stag, brass lined, 3½ in., - per dozen $14.80
No. 851—4 blades, pearl, brass lined, 3½ in., - " 21.60

No. 756.

Crocus Polished.

No. 755—3 blades, stag, brass lined, 3⅝ in., - per dozen $14.40
No. 756—3 blades, pearl, brass lined, 3⅝ in., - " 21.60



No. 854.

Crocus Polished.

No. 852—4 blades, stag, German silver lined, 3⅛ in., per dozen, - - - - - - - - - $16.00
No. 854—4 blades, pearl, German silver lined, 3⅛ in., per dozen, - - - - - - - - - 22.40

HALF DOZEN IN A BOX.

POCKET KNIVES.

"OUR VERY BEST," WARRANTED.

No. 545.

Crocus Polished.

No. 544—2 blades, stag, brass lined, 3⅜ in., - per dozen $ 8.00
No. 545—2 blades, ivory, brass lined, 3⅜ in., - " 10.40
No. 848—4 blades, stag, German silver lined, fancy bolsters, 3⅜ in., - - - - - - per dozen 15.20

No. 839.

Crocus Polished.

No. 520—2 blades, stag, brass lined, 3 in., - per dozen $ 7.20
No. 839—4 blades, stag, brass lined, 3 in., - " 12.00

No. 827.

Crocus Polished.

No. 827—4 blades, stag, brass lined, hollow bolsters, 3¼ in., per dozen, - - - - - - - - - $12.80
No. 833—4 blades, pearl, German silver lined, German silver bolsters, 3⅜ in., - - - - - per dozen 22.70

No. 759.

Crocus Polished.

No. 759—3 blades, buffalo, brass lined, 3⅛ in., - per dozen $12.00
No. 760—3 blades, stag, brass lined, 3⅛ in., - " 12.40
No. 769—3 blades, pearl, brass lined, 3⅛ in., - " 17.60

No. 760 has hollow bolsters.

Crocus Polished.

No. 762—3 blades, stag, brass lined, 3⅜ in., - per dozen $13.60

No. 719.

Crocus Polished.

No. 719—3 blades, stag, German silver lined, 3⅜ in., per dozen, - - - - - - - - - $17.60
No. 720—3 blades, pearl, German silver lined, 3⅜ in., per dozen, - - - - - - - - - 26.60

Crocus Polished.

No. 380—2 blades, stag, brass lined, 3 in., - per dozen $9.20

HALF DOZEN IN A BOX.

No. 779.

Crocus Polished.

No. 777—3 blades, stag, brass lined, 3⅛ in., - per dozen $13.20
No. 778—3 blades, ivory, brass lined, 3⅛ in., - " 14.40
No. 779—3 blades, pearl, brass lined, 3⅛ in., - " 21.40

No. 830.

Crocus Polished.

No. 830—4 blades, stag, brass lined, 3 in., - per dozen $17.60
No. 831—4 blades, shell, brass lined, 3 in., - " 22.40
No. 832—4 blades, pearl, brass lined, 3 in., - " 23.20

No. 717.

Crocus Polished.

No. 787—3 blades, stag, brass lined, 3 in., per dozen $14.40
No. 788—3 blades, ivory, brass lined, 3 in., " 14.40
No. 789—3 blades, pearl, brass lined, 3 in., " 21.20
No. 715—3 blades, stag, brass lined, 3¼ in., " 16.80
No. 716—3 blades, shell, brass lined, 3¼ in., " 24.00
No. 717—3 blades, pearl, brass lined, 3¼ in., " 24.00

Nos. 787, 788 and 789 have patent nail blade.

No. 835.

Crocus Polished.

No. 834—4 blades, stag, German silver lined, 3¼ in., per dozen, - - - - - - - - - $15.70
No. 835—4 blades, pearl, German silver lined, 3⅜ in., per dozen, - - - - - - - - - 21.40

No. 814.

Crocus Polished.

No. 814—2 blades, 1 champagne opener and corkscrew, stag, brass lined, 3¼ in., - - - - per dozen $26.40
No. 815—2 blades, 1 champagne opener and corkscrew, pearl, brass lined, 3¼ in., - - - - per dozen 32.00

Crocus Polished.

No. 162—1 blade, budding, stag, brass lined, ivory end, 4⅞ in., - - - - - - per dozen $10.80

HALF DOZEN IN A BOX.

POCKET KNIVES.

"OUR VERY BEST," WARRANTED.

No. 747.

Crocus Polished.

No. 746—3 blades, stag, brass lined, 3⅜ in., - per dozen $15.70
No. 747—3 blades, pearl, brass lined, 3⅜ in., - " 25.60

Crocus Polished.

No. 829—4 blades, pearl, brass lined, 3⅜ in., - per dozen $26.40

No. 728.

Crocus Polished.

No. 741—3 blades, stag, German silver lined, 3 in., per dozen, - - - - - - - - $16.00
No. 742—3 blades, pearl, German silver lined, 3 in., per dozen, - - - - - - - - 22.40
No. 727—3 blades, stag, German silver lined, 3¼ in., per dozen, - - - - - - - - 17.60
No. 728—3 blades, pearl, German silver lined, 3¼ in., per dozen, - - - - - - - - 27.40

Crocus Polished.

No. 381—2 blades, pearl, brass lined, 3⅛ in., - per dozen $17.60

No. 602.

Crocus Polished.

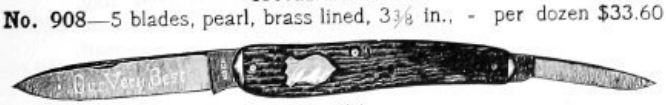
No. 302—2 blades, aluminum, 3½ in., - per dozen $ 9.00
No. 602—3 blades, aluminum, 3½ in., - " 14.40

Crocus Polished.

No. 841—4 blades, pearl, German silver lined, 3⅛ in., per dozen, - - - - - - - - $24.80

Crocus Polished.

No. 908—5 blades, pearl, brass lined, 3⅜ in., - per dozen $33.60



No. 474.

Crocus Polished.

No. 474—2 blades, stag, German silver lined, 3⅜ in., per dozen, - - - - - - - - $10.80
No. 476—2 blades, pearl, German silver lined, 3⅜ in., per dozen, - - - - - - - - 20.00

HALF DOZEN IN A BOX.

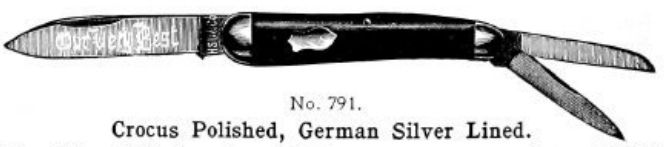
Crocus Polished.

No. 763—3 blades, stag, brass lined, 3½ in., per dozen $14.00

No. 736.

Crocus Polished.

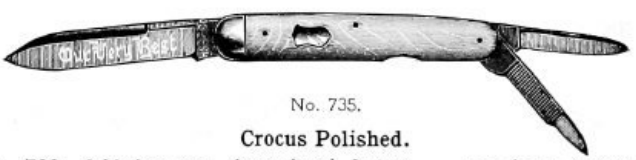
No. 736—3 blades, stag, brass lined, 3⅛ in., - per dozen $14.40
No. 739—3 blades, pearl, brass lined, 3⅛ in., " 19.20



No. 791.

Crocus Polished, German Silver Lined.

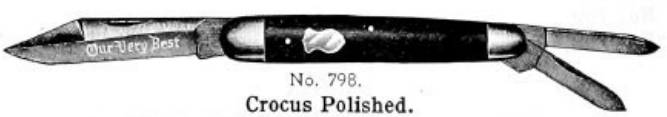
No. 473 —2 blades, ebony, 3⅜ in., - - per dozen $10.00
No. 475 —2 blades, ivory, 3⅜ in., - - " 13.60
No. 791 —3 blades, buffalo, 3⅜ in., - - " 13.60
No. 792 —3 blades, stag, 3⅜ in., - - " 14.40
No. 775½—3 blades, ivory, brass lined, 3⅜ in., " 15.00



No. 735.

Crocus Polished.

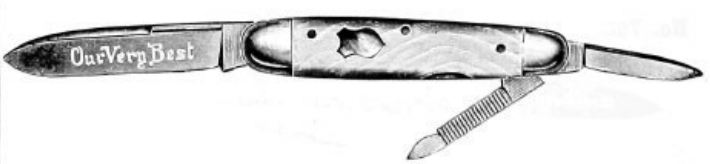
No. 729—3 blades, stag, brass lined, 3⅛ in., - per dozen $14.40
No. 730—3 blades, ivory, brass lined, 3⅛ in., - " 15.20
No. 731—3 blades, pearl, brass lined, 3⅛ in., - " 20.40
No. 735—3 blades, pearl, brass lined, 3⅜ in., - " 24.00



No. 798.

Crocus Polished.

No. 798—3 blades, ebony, brass lined, 3⅝ in., per dozen $13.60
No. 757—3 blades, stag, rope milled German silver lining, lock back, 3⅞ in., - - - - per dozen 21.60



Crocus Polished.

No. 668—3 blades, pearl, brass lined, 3½ in., - per dozen $24.00

Crocus Polished.

No. 228—2 blades, stag, iron lined, 4 in., - per dozen $14.00

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S WARRANTED.

No. 109.

No. 108—1 blade, cocoa, iron lined, 3 in., - per dozen $1.70
No. 109—1 blade, cocoa, iron lined, 3¼ in., - " 2.00
No. 110—1 blade, ebony, iron lined, 3¼ in., - " 2.10
No. 111—1 blade, cocoa, iron lined, 3⅜ in., - " 2.40
No. 105—1 blade, stag, brass lined, 3 in., - " 3.20

NO. 108, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

No. 208.

No. 207—2 blades, cocoa, iron lined, 3¼ in., - per dozen $3.05
No. 208—2 blades, cocoa, iron lined, 3½ in., - " 3.20
No. 224—2 blades, stag, iron lined, 3½ in., - " 3.20

No. 233.

No. 232—2 blades, ebony, iron lined, 3¼ in., - per dozen $3.20
No. 233—2 blades, cocoa, iron lined, 3½ in., - " 3.20
No. 255—2 blades, ebony, iron lined, 3½ in., - " 3.20
No. 239—2 blades, cocoa, iron lined, with shield, 3½ in., per dozen, - - - - - - - 4.65

No. 218.

No. 235—2 blades, cocoa, iron lined, 3½ in., - per dozen $4.00
No. 116—1 blade, ebony, iron lined, 3¾ in., - " 4.15
No. 217—2 blades, cocoa, iron lined, 3⅞ in., - " 6.00
No. 218—2 blades, ebony, iron lined, 3⅞ in., - " 6.15

No. 211.

No. 211—2 blades, ebony, brass lined, crocus polished, 3⅛ in., - - - - - - per dozen $6.80
No. 244—2 blades, ebony, brass lined, glazed, not etched, 3⅛ in., - - - - - - per dozen 5.45

Crocus Polished.

No. 212—2 blades, ebony, brass lined, 3⅛ in., per dozen $7.60

No. 231.

No. 231—2 blades, cocoa, iron lined, 3¼ in., - per dozen $3.20
No. 279—2 blades, cocoa, iron lined, 3¼ in., - " 3.20

No. 279 has clip blade.

HALF DOZEN IN A BOX.

No. 221.

No. 118—1 blade, cocoa, iron lined, 3⅜ in., - per dozen $3.20
No. 221—2 blades, cocoa, iron lined, 3⅜ in., - " 4.55
No. 236—2 blades, cocoa, iron lined, 3½ in., - " 4.25

Nos. 118 and 221 crocus polished, No. 236 glazed, not etched.

No. 220.

No. 111½—1 blade, cocoa, iron lined, glazed, not etched, 3½ in., - - - - - - per dozen $2.70
No. 234—2 blades, cocoa, iron lined, glazed, not etched, 3½ in., - - - - - - per dozen 3.60
No. 117—1 blade, cocoa, iron lined, crocus polished, etched "OLD HICKORY," 3⅜ in., - - - per dozen 3.20
No. 220—2 blades, cocoa, iron lined, crocus polished, etched "OLD HICKORY," 3⅜ in., - - - per dozen 4.55

No. 209.

No. 112—1 blade, cocoa, iron lined, 3½ in., - per dozen $3.05
No. 209—2 blades, cocoa, iron lined, 3½ in., - " 4.40
No. 210—2 blades, ebony, iron lined, 3½ in., - " 4.55
No. 210½—2 blades, white bone, iron lined, 3½ in., " 5.60
No. 122—1 extra heavy blade, ebony, brass lined, 3⅞ in., per dozen, - - - - - - - 6.25
No. 142—1 extra heavy blade, ebony, iron lined, 4⅛ in., per dozen, - - - - - - - 6.25

No. 377.

No. 377—2 blades, cocoa, iron lined, 3½ in., - per dozen $4.80
No. 377½—2 blades, ebony, iron lined, 3½ in., " 5.00
No. 366—2 blades, cocoa, brass lined, 3⅝ in., " 6.40
No. 367—2 blades, ebony, brass lined, 3⅝ in., " 6.55
No. 148—1 blade, cocoa, iron lined, 3⅝ in., " 3.35
No. 204—2 blades, cocoa, iron lined, 3⅝ in., " 5.60
No. 267—2 blades, white bone, iron lined, 3⅝ in., " 7.60
No. 431—2 blades, ebony, iron lined, 3¾ in., " 7.00

Nos. 377 and 377½ glazed, etched "Prairie Chief," balance crocus polished, etched "Rustler."

No. 120.

No. 120—1 blade, cocoa, iron lined, 3⅞ in., - per dozen $6.00
No. 219—2 blades, cocoa, iron lined, 3⅞ in., - " 8.40

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S WARRANTED.

No. 257.

Crocus Polished.

No. 257—2 blades, cocoa, iron lined, 3⅝ in., - per dozen $5.20
No. 258—2 blades, ebony, iron lined, 3⅝ in., - " 5.35
No. 259—2 blades, cocoa, brass lined, 3⅝ in., - " 6.65
No. 260—2 blades, ebony, brass lined, 3⅝ in., - " 6.80
No. 427—2 blades, cocoa, iron lined, 3⅝ in., - " 6.40
No. 428—2 blades, ebony, iron lined, 3⅝ in., - " 6.55

Nos. 427 and 428 etched "Rustler," balance etched "Trusty."

No. 238.

No. 216—2 blades, cocoa, iron lined, 3¼ in., - per dozen $6.40
No. 237—2 blades, cocoa, brass lined, 3¼ in., - " 7.20
No. 238—2 blades, ebony, brass lined, 3¼ in., - " 7.35

No. 430.

No. 123—1 blade, cocoa, brass lined, 3⅞ in., - per dozen $6.40
No. 340—2 blades, cocoa, iron lined, 3⅞ in., - " 6.80
No. 339—2 blades, ebony, iron lined, 3⅞ in., - " 7.00
No. 430—2 blades, ebony, iron lined, 3⅞ in., - " 8.00
No. 226—2 blades, ebony, brass lined, 3⅞ in., - " 8.80

No. 430 crocus polished, etched, balance plain blade.

No. 592.

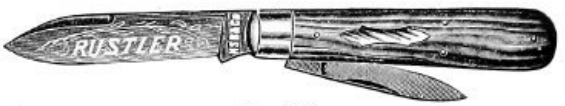
No. 590—2 blades, cocoa, iron lined, 3⅝ in., - per dozen $4.80
No. 591—2 blades, stag, iron lined, 3⅝ in., - " 5.45
No. 592—2 blades, cocoa, brass lined, 3⅝ in., - " 6.00
No. 593—2 blades, stag, brass lined, 3⅝ in., - " 6.50

No. 595.

No. 594—2 blades, cocoa, brass lined, spear point, 3⅝ in., per dozen, - - - - - - - - - $6.40
No. 595—2 blades, cocoa, brass lined, clip point, 3⅝ in., per dozen, - - - - - - - - - 6.40
No. 596—2 blades, stag, brass lined, spear point, 3⅝ in., per dozen, - - - - - - - - - 6.80
No. 598—2 blades, redwood, brass lined, spear point, 3⅝ in., per dozen, - - - - - - - - 6.40

No. 597—2 blades, cocoa, brass lined, 3⅝ in., - per dozen $6.00

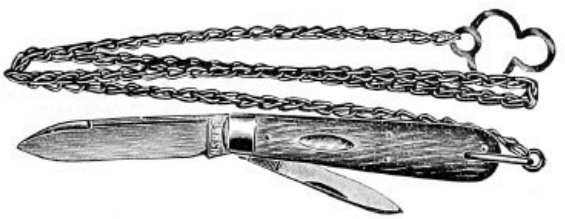
HALF DOZEN IN A BOX.



No. 425.

No. 351—2 blades, cocoa, iron lined, glazed, not etched, 3½ in., - - - - - - - per dozen $3.20
No. 203—2 blades, cocoa, iron lined, crocus polished, 3⅜ in., per dozen, - - - - - - - - - 5.60
No. 243—2 blades, cocoa, brass lined, glazed, not etched, 3½ in., - - - - - - - per dozen 6.25
No. 147—1 blade, cocoa, iron lined, crocus polished, etched "RUSTLER," 3½ in., - - - - per dozen 3.35
No. 425—2 blades, cocoa, iron lined, crocus polished, etched "RUSTLER," 3¾ in., - - - - per dozen 6.80
No. 426—2 blades, ebony, iron lined, crocus polished, etched "RUSTLER," 3¾ in., - - - - per dozen 7.00

No. 107—1 blade, cocoa, brass lined, glazed, 3¼ in., 18 in. nickel plated chain, - - - - - per dozen $3.20



No. 333—2 blades, cocoa, brass lined, 3¼ in., 25 in. nickel plated chain, - - - - - - per dozen $4.40

No. 334.

No. 334—2 blades, cocoa, brass lined, 3¼ in., 25 in. nickel plated chain, - - - - - - per dozen $4.40
No. 331—2 blades, cocoa, brass lined, 3½ in., 18 in. nickel plated chain. - - - - - - per dozen 6.40
No. 332—2 blades, stag, brass lined, 3½ in., 18 in. nickel plated chain, - - - - - - per dozen 6.80

No. 276.

Beveled Blade.

No. 274—2 blades, cocoa, brass lined, 3¾ in., per dozen $8.00
No. 276—2 blades, ebony, brass lined, 3¾ in., " 8.15

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S WARRANTED.

No. 104.

No. 104—1 blade, speying, cocoa, iron lined, 3½ in., per dozen, - - - - - - - - - $3.20
No. 342—2 blades, cocoa, iron lined, 3½ in., - per dozen 5.20

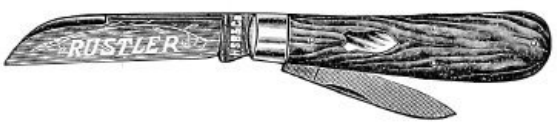
No. 202.

No. 102—1 blade, iron, speying knife, 3½ in., per dozen $3.60
No. 202—2 blades, iron, speying knife, 3½ in., " 5.20

No. 222.

No. 119—1 blade, cocoa, iron lined, 3⅜ in., - per dozen $3.20
No. 222—2 blades, cocoa, iron lined, 3⅜ in., - " 4.55
No. 263—2 blades, stag, iron lined, 3⅜ in., - " 4.40
No. 266—2 blades, stag, iron lined, 3⅝ in., - " 5.00

Nos. 119 and 222 crocus polished, Nos. 263 and 266 glazed, hollow bolster.



No. 205.

Crocus Polished.

No. 149—1 blade, cocoa, iron lined, 3½ in., - per dozen $3.35
No. 205—2 blades, cocoa, iron lined, 3⅝ in., - " 5.60
No. 429—2 blades, cocoa, brass lined, 3½ in., - " 7.20

No. 356.

Aluminum Bolsters.

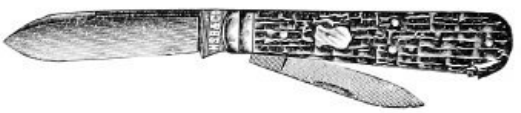
No. 356—2 blades, stag, iron lined, 3½ in., spear blade, per dozen, - - - - - - - - $5.00
No. 357—2 blades, stag, iron lined, 3½ in., clip blade, per dozen, - - - - - - - - 5.00
No. 358—2 blades, stag, iron lined, 3½ in., cotton sampling blade, - - - - - - per dozen 5.00
No. 359—2 blades, stag, iron lined, 3½ in., speying blade, per dozen, - - - - - - - - 5.00

No. 250.

No. 249—2 blades, ebony, iron lined, 3⅝ in., - per dozen $8.50
No. 250—2 blades, stag, iron lined, 3⅝ in., - " 8.70

HALF DOZEN IN A BOX.

No. 2300—2 blades, ebony, brass lined, 3⅝ in., - per dozen $6.40



No. 261.

No. 261—2 blades, stag, iron lined, 3⅜ in., - per dozen $4.80
No. 264—2 blades, stag, iron lined, 3⅝ in., - " 5.45

No. 265.

No. 262—2 blades, stag, iron lined, 3⅜ in., - per dozen $4.80
No. 265—2 blades, stag, iron lined, 3⅝ in., - " 5.45

No. 341—2 blades, cocoa, iron lined, 3⅞ in., - per dozen $7.35

No. 223.

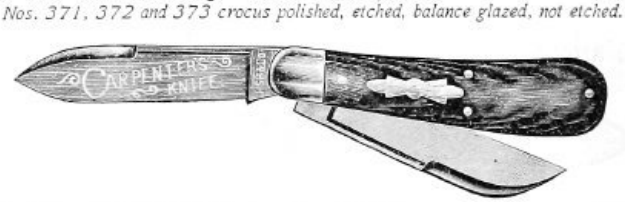
Crocus Polished.

No. 223—2 blades, cocoa, iron lined, extra heavy, 3⅞ in., per dozen, - - - - - - - - $7.20
No. 251—2 blades, cocoa, iron lined, etched "HERCULES," 4⅛ in., - - - - - - per dozen 7.85
No. 563—2 blades, white bone, iron lined, extra heavy, etched "RUSTLER," 3⅞ in., - - - - per dozen 9.20

No. 371.

No. 298—2 blades, cocoa, brass lined, 3¼ in., - per dozen $6.40
No. 246—2 blades, cocoa, iron lined, 3½ in., - " 6.25
No. 247—2 blades, ebony, iron lined, 3½ in., - " 6.40
No. 248—2 blades, stag, iron lined, 3½ in., - " 6.60
No. 225—2 blades, cocoa, iron lined, 3⅝ in., - " 6.88
No. 371—2 blades, cocoa, brass lined, 3⅝ in., - " 8.80
No. 372—2 blades, ebony, brass lined, 3⅝ in., - " 9.00
No. 373—2 blades, stag, brass lined, 3⅝ in, - " 9.20

Nos. 371, 372 and 373 crocus polished, etched, balance glazed, not etched.



No. 242—2 blades, cocoa, iron lined, 3⅞ in., - per dozen $8.00

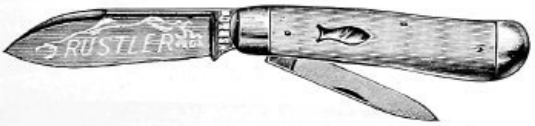
HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S WARRANTED.

No. 349.

No. 348½—2 blades, cocoa, brass lined, 3¾ in., - per dozen $ 8.80
No. 349 —2 blades, ebony, brass lined, 3¾ in., - " 9.00
No. 374 —2 blades, stag, brass lined, 3¾ in., - " 10.25



No. 215.

No. 227—2 blades, cocoa, iron lined, glazed, not etched, 3½ in., - - - - - - per dozen $ 7.00
No. 213—2 blades, cocoa, brass lined, crocus polished, etched "RUSTLER," 3½ in., - - - per dozen 8.65
No. 214—2 blades, ebony, brass lined, crocus polished, etched "RUSTLER," 3½ in., - - - per dozen 8.80
No. 215—2 blades, white bone, brass lined, crocus polished, etched "RUSTLER," 3½ in., - - - per dozen 10.00

No. 350.

No. 352—2 blades, ebony, brass lined, 3⅝ in., - per dozen $8.65
No. 350—2 blades, stag, brass lined, 3⅝ in., - " 9.00

No. 307.

No. 306—2 blades, cocoa, brass lined, 3⅝ in., - per dozen $8.65
No. 307—2 blades, ebony, brass lined, 3⅝ in., - " 8.80
No. 304—2 blades, stag, brass lined, 3⅝ in., - " 9.00
No. 308—2 blades, white bone, brass lined, 3⅝ in., " 9.20

No. 253.

Glazed.

No. 252—2 blades, cocoa, brass lined, 3⅜ in., - per dozen $7.60
No. 253—2 blades, stag, brass lined, 3⅜ in., - " 8.00

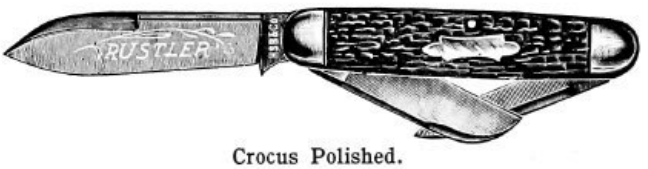
Glazed.

No. 326—2 blades, cocoa, iron lined, 3⅝ in., - per dozen $8.00

No. 370—2 blades, cocoa, brass lined, 4¼ in., - per dozen $10.80
HALF DOZEN IN A BOX.

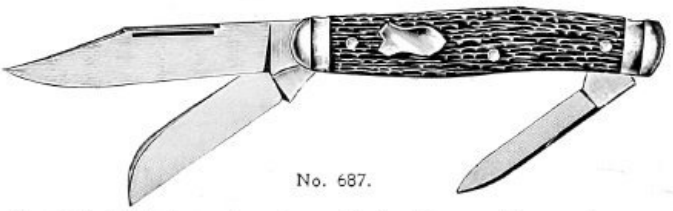
No. 241.

No. 240—2 blades, cocoa, iron lined, 3½ in., - per dozen $6.00
No. 241—2 blades, ebony, iron lined, 3½ in., - " 6.15
No. 516—2 blades, stag, brass lined, 3½ in., - " 6.40



Crocus Polished.

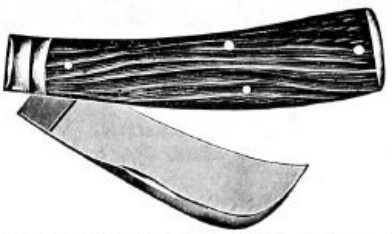
No. 691—3 blades, stag, brass lined, 4¼ in., - per dozen $16.00



No. 687.

No. 686—3 blades, stag, brass lined, clip, marking and speying blades, 4⅛ in., - - - - per dozen $12.80
No. 687—3 blades, stag, brass lined, clip, marking and pen blades, 4⅛ in., - - - - per dozen 12.35

No. 128—1 blade, pruner, cocoa, iron lined, 4 in., per dozen $6.80



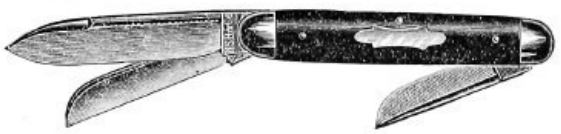
No. 129—1 blade, pruner, cocoa, iron lined, seal cap, 4½ in., per dozen, - - - - - - - $10.40

Crocus Polished.

No. 164—1 blade, pruner, stag, iron lined, seal cap, 4½ in., per dozen, - - - - - - - $12.00
HALF DOZEN IN A BOX.

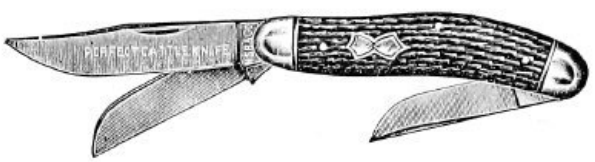
POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.



Glazed.

No. 680—3 blades, ebony, brass lined, 3⅝ in., - per dozen $11.35



No. 637.

Glazed.

No. 637—3 blades, stag, brass lined, clip, marking and speying blades, 3⅞ in., - - - per dozen $14.50

No. 638—3 blades, stag, brass lined, clip, marking and pen blades, 3⅞ in., - - - - per dozen 14.20

No. 683.

Glazed.

No. 606—3 blades, cocoa, iron lined, not etched, 3⅝ in., per dozen, - - - - - - - - $ 9.60

No. 683—3 blades, ebony, brass lined, etched, 3⅝ in., per dozen, - - - - - - - - - 11.20

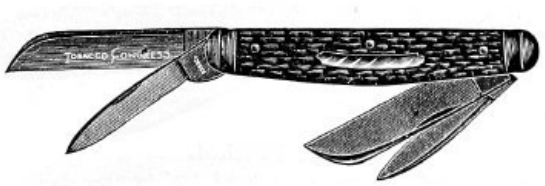
No. 684—3 blades, stag, brass lined, etched, 3⅝ in., per dozen, - - - - - - - - - 11.60

No. 844.

Glazed.

No. 379—2 blades, stag, iron lined, 3⅜ in., - per dozen $ 6.40

No. 844—4 blades, stag, brass lined, 3⅜ in., - " 10.80



No. 846.

No. 562—2 blades, stag, iron lined, crocus polished, etched "RUSTLER," 3¾ in., - - - - per dozen $ 8.80

No. 845—4 blades, stag, brass lined, glazed, 3½ in., " 12.00

No. 846—4 blades, stag, brass lined, glazed, 3⅞ in., " 12.80

No. 847—4 blades, stag, brass lined, glazed, 4¼ in., " 14.00

HALF DOZEN IN A BOX.

No. 601.

Glazed.

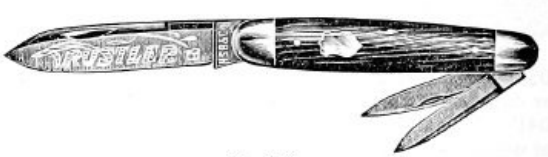
No. 601—3 blades, cocoa, brass lined, 3¾ in., - per dozen $12.00

No. 604—3 blades, ebony, brass lined, 3¾ in., - " 12.35

No. 666.

No. 605—3 blades, cocoa, iron lined, glazed, not etched, 3¾ in., - - - - - - - per dozen $10.40

No. 666—3 blades, ebony, brass lined, crocus polished, etched "RUSTLER," 3¾ in., - - - per dozen 12.00



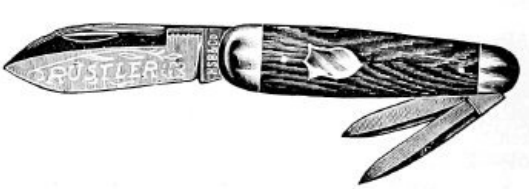
No. 676.

Crocus Polished.

No. 676—3 blades, cocoa, brass lined, 3½ in., - per dozen $12.00

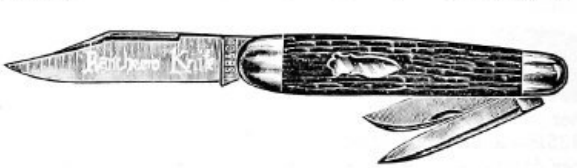
No. 677—3 blades, ebony, brass lined, 3½ in., - " 12.35

No. 678—3 blades, stag, brass lined, 3½ in., - " 12.40



Crocus Polished.

No. 667—3 blades, cocoa, brass lined, extra heavy blade, 3½ in., - - - - - - per dozen $13.60



No. 682—3 blades, stag, brass lined, 3¾ in., - per dozen $13.20

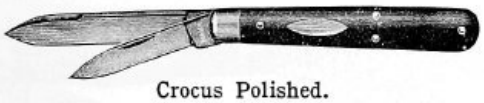
Crocus Polished.

No. 561—2 blades, stag, iron lined, 4⅜ in., - per dozen $12.50

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.



Crocus Polished.

No. 211P—2 blades, ebony, brass lined, 3⅛ in., - per dozen $6.80

Crocus Polished.

No. 244P—2 blades, ebony, brass lined, 3¼ in., - per dozen $5.45

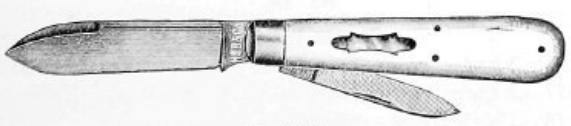
No. 1005P.

No. 1004P—2 blades, ebony, brass lined, 3⅜ in., per dozen $6.90
No. 1005P—2 blades, stag, brass lined, 3⅜ in., " 7.30

No. 204P.

Crocus Polished.

No. 203P—2 blades, cocoa, iron lined, spear point, 3⅝ in., per dozen, - - - - - - - - - $5.60
No. 204P—2 blades, cocoa, iron lined, clip point, 3⅝ in., per dozen, - - - - - - - - - 5.60



No. 270P.

Crocus Polished.

No. 245P—2 blades, cocoa, brass lined, 3½ in., - per dozen $6.00
No. 268P—2 blades, cocoa, brass lined, 3⅝ in., - " 7.20
No. 269P—2 blades, ebony, brass lined, 3⅝ in., - " 7.40
No. 270P—2 blades, white bone, brass lined, 3⅝ in., per dozen, - - - - - - - - - 8.40
No. 216P—2 blades, cocoa, iron lined, 3¾ in., per dozen 6.40

No. 431P.

Crocus Polished.

No. 431P—2 blades, ebony, iron lined, clip point, 3⅝ in., per dozen, - - - - - - - - - $7.00
No. 425P—2 blades, cocoa, iron lined, spear point, 3⅝ in., per dozen, - - - - - - - - - 6.80
No. 426P—2 blades, ebony, iron lined, spear point, 3⅝ in., per dozen, - - - - - - - - - 7.00

No. 272P.

Crocus Polished.

No. 223P—2 blades, cocoa, iron lined, 3⅞ in., - per dozen $7.20
No. 272P—2 blades, cocoa, brass lined, 4 in., - " 9.20

HALF DOZEN IN A BOX.

No. 430P.

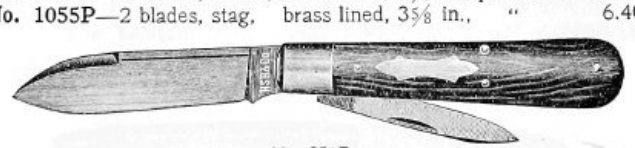
Crocus Polished.

No. 427P—2 blades, cocoa, iron lined, 3⅝ in., - per dozen $6.40
No. 428P—2 blades, ebony, iron lined, 3⅝ in., - " 6.60
No. 259P—2 blades, cocoa, brass lined, 3⅝ in., - " 6.65
No. 260P—2 blades, ebony, brass lined, 3⅝ in., - " 6.80
No. 430P—2 blades, ebony, iron lined, 3⅞ in., - " 8.80

No. 1054P.

Crocus Polished.

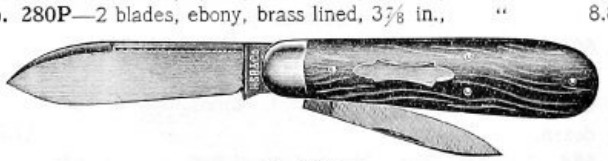
No. 1054P—2 blades, cocoa, brass lined, 3⅝ in., per dozen $6.40
No. 1055P—2 blades, stag, brass lined, 3⅝ in., " 6.40



No. 251P.

Crocus Polished.

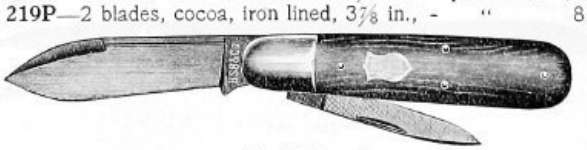
No. 237P—2 blades, cocoa, brass lined, 3¾ in., per dozen $7.20
No. 238P—2 blades, ebony, brass lined, 3¾ in., " 7.40
No. 251P—2 blades, cocoa, iron lined, 4 in., " 7.85
No. 280P—2 blades, ebony, brass lined, 3⅞ in., " 8.80



No. 219P.

Crocus Polished.

No. 120P—1 blade, cocoa, iron lined, 3⅞ in., - per dozen $6.00
No. 219P—2 blades, cocoa, iron lined, 3⅞ in., - " 8.40



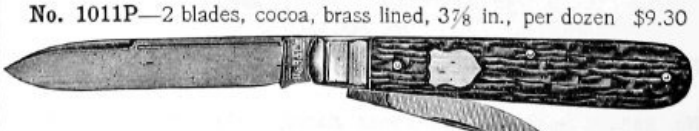
No. 578P.

Crocus Polished.

No. 578P—2 blades, cocoa, iron lined, 3¾ in., - per dozen $8.40
No. 577P—2 blades, stag, iron lined, 3¾ in., - " 9.20

Crocus Polished.

No. 1011P—2 blades, cocoa, brass lined, 3⅞ in., per dozen $9.30



Crocus Polished.

No. 580P—2 blades, stag, brass lined, 4⅜ in., - per dozen $11.20

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.

Large Blade Crocus Polished.

No. 582P—2 blades, iron, 3½ in., - - per dozen $5.00

Large Blade Crocus Polished.

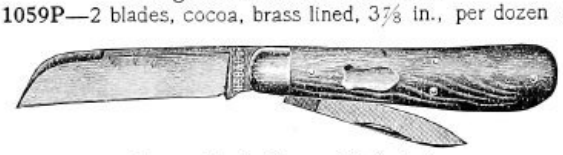
No. 479P—2 blades, cocoa, iron lined, 3⅝ in., - per dozen $6.80

Large Blade Crocus Polished.

No. 1051P—2 blades, cocoa, brass lined, 3¾ in., per dozen $6.40

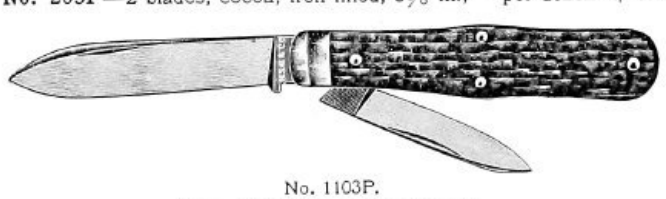
Large Blade Crocus Polished.

No. 1059P—2 blades, cocoa, brass lined, 3⅞ in., per dozen $6.40



Large Blade Crocus Polished.

No. 205P—2 blades, cocoa, iron lined, 3⅝ in., - per dozen $5.60



No. 1103P.

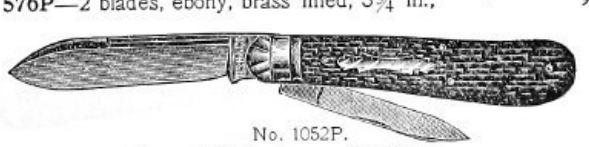
Large Blade Crocus Polished.

No. 1102P—1 blade, stag, iron lined, 3⅞ in., - per dozen $5.10
No. 1103P—2 blades, stag, iron lined, 3⅞ in., - " 6.90

No. 575P.

Large Blade Crocus Polished.

No. 575P—2 blades, stag, iron lined, 3¾ in., per dozen $8.40
No. 576P—2 blades, ebony, brass lined, 3¾ in., " 9.00



No. 1052P.

Large Blade Crocus Polished.

No. 1052P—2 blades, stag, brass lined, 3¾ in., - per dozen $6.40
No. 1053P—2 blades, stag, brass lined, double bolstered, 3⅝ in., - - - - - - - per dozen 8.10

HALF DOZEN IN A BOX.

Large Blade Crocus Polished.

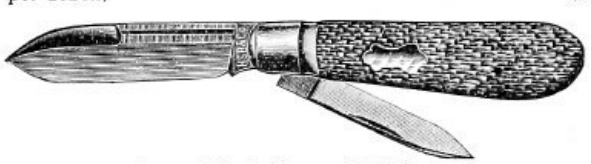
No. 1047P—2 blades, stag, brass lined, 3⅞ in., - per dozen $8.90

Large Blade Crocus Polished.

No. 1048P—2 blades, stag, brass lined, 3⅞ in., - per dozen $9.70

Large Blade Crocus Polished.

No. 346P—2 blades, saber, cocoa, brass lined, 3⅞ in., per dozen, - - - - - - - - $9.70

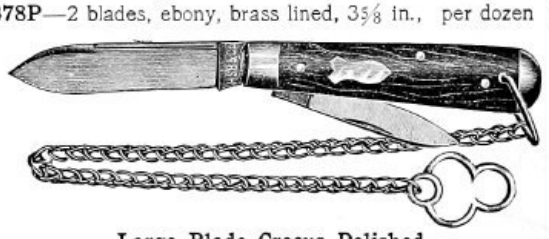


Large Blade Crocus Polished.

No. 347P—2 blades, saber, stag, brass lined, 4 in., per dozen $10.15

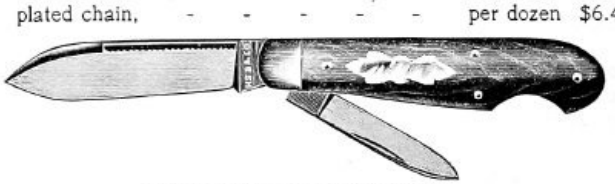
Large Blade Crocus Polished.

No. 378P—2 blades, ebony, brass lined, 3⅝ in., per dozen $7.60



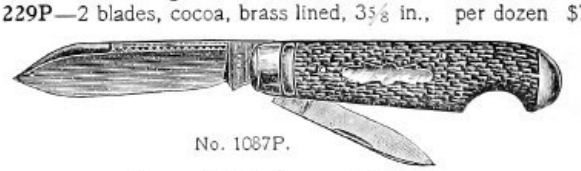
Large Blade Crocus Polished.

No. 331P—2 blades, cocoa, iron lined, 3½ in., 18 in. nickel plated chain, - - - - - - per dozen $6.40



Large Blade Crocus Polished.

No. 229P—2 blades, cocoa, brass lined, 3⅝ in., per dozen $7.05



No. 1087P.

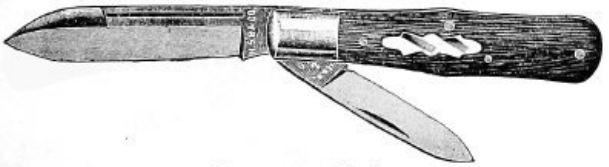
Large Blade Crocus Polished.

No. 1086P—2 blades, cocoa, brass lined, 3⅝ in., per dozen $7.70
No. 1087P—2 blades, stag, brass lined, 3⅝ in., " 8.10

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.



Crocus Polished.

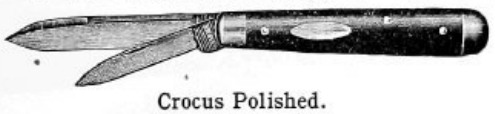
No. 364P—2 blades, cocoa, iron lined, 3¾ in., - per dozen $6.80

Crocus Polished.

No. 574P—2 blades, saber, ebony, brass lined, 3¾ in., per dozen, - - - - - - - - $8.40

Crocus Polished.

No. 573P—2 blades, stag, brass lined, 3¾ in., - per dozen $8.80



Crocus Polished.

No. 212P—2 blades, ebony, brass lined, 3⅛ in., - per dozen $7.60

No. 295P.

Crocus Polished.

No. 295P—2 blades, ebony, brass lined, 3⅜ in., - per dozen $8.10
No. 296P—2 blades, stag, brass lined, 3⅜ in., - " 8.50

No. 277P.

Crocus Polished.

No. 277P—2 blades, ebony, brass lined, 3¼ in., - per dozen $6.50
No. 278P—2 blades, stag, brass lined, 3¼ in., - " 7.00

No. 271P.

Crocus Polished.

No. 281P—2 blades, cocoa, brass lined, 3½ in., - per dozen $7.60
No. 282P—2 blades, stag, brass lined, 3½ in., - " 8.80
No. 271P—2 blades, ebony, brass lined, 3¾ in., - " 8.40

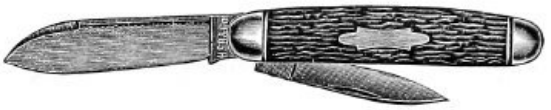
Crocus Polished.

No. 275P—2 blades, stag, brass lined, 3½ in., - per dozen $8.25

Crocus Polished.

No. 206P—1 blade, with gouge, cocoa, brass lined, 3⅝ in., per dozen, - - - - - - - $10.00

HALF DOZEN IN A BOX.



No. 373P.

Crocus Polished.

No. 225P—2 blades, cocoa, iron lined, 3⅝ in., per dozen $6.90
No. 371P—2 blades, cocoa, brass lined, 3⅝ in., " 8.80
No. 372P—2 blades, ebony, brass lined, 3⅝ in., " 9.00
No. 373P—2 blades, stag, brass lined, 3⅝ in., " 9.20
No. 308P—2 blades, white bone, brass lined, 3⅝ in., per dozen, - - - - - - - - 9.20
No. 1058P—2 blades, stag, brass lined, 3½ in., per dozen 6.40

No. 370P.

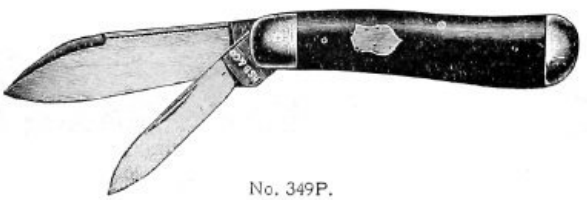
Crocus Polished.

No. 369P—2 blades, cocoa, brass lined, 4 in., - per dozen $ 9.60
No. 370P—2 blades, cocoa, brass lined, 4¼ in., - " 10.80

No. 213P.

Crocus Polished.

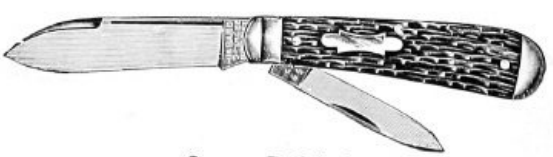
No. 227P—2 blades, cocoa, iron lined, 3½ in., - per dozen $ 7.00
No. 213P—2 blades, cocoa, brass lined, 3½ in., - " 8.65
No. 214P—2 blades, ebony, brass lined, 3½ in., - " 8.80
No. 215P—2 blades, white bone, brass lined, 3½ in., per dozen, - - - - - - - - 10.00



No. 349P.

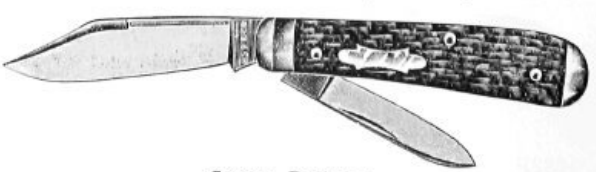
Crocus Polished.

No. 348½P—2 blades, cocoa, brass lined, 3¾ in., per dozen $ 8.80
No. 349 P—2 blades, ebony, brass lined, 3¾ in., " 9.00
No. 374 P—2 blades, stag, brass lined, 3¾ in., " 10.25



Crocus Polished.

No. 1056P—2 blades, stag, iron lined, 3½ in., - per dozen $6.40



Crocus Polished.

No. 1123P—2 blades, stag, iron lined, 3⅝ in., - per dozen $6.90

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.

No. 571P.

Large Blade Crocus Polished.

No. 571P—2 blades, ebony, brass lined, 3¼ in., - per dozen $8.00
No. 572P—2 blades, stag, brass lined, 3¼ in., - " 8.40

No. 321P.

Large Blade Crocus Polished.

No. 321P—2 blades, cocoa, brass lined, 3⅛ in., - per dozen $8.00
No. 322P—2 blades, ebony, brass lined, 3⅛ in., - " 8.15
No. 323P—2 blades, stag, brass lined, 3⅛ in., - " 8.40

No. 285P.

Large Blade Crocus Polished.

No. 298P—2 blades, cocoa, brass lined, 3¼ in., per dozen $6.80
No. 285P—2 blades, ebony, brass lined, 3½ in " 8.25
No. 286P—2 blades, stag, brass lined, 3½ in., " 8.40
No. 1057P—2 blades, cocoa, brass lined, 3½ in., " 6.40
No. 1060P—2 blades, stag, brass lined, 3¼ in., " 6.40

No. 306P.

Large Blade Crocus Polished.

No. 306P—2 blades, cocoa, brass lined, 3¾ in., - per dozen $8.65
No. 307P—2 blades, ebony, brass lined, 3¾ in., - " 8.80
No. 304P—2 blades, stag, brass lined, 3¾ in., - " 9.00

No. 350P.

Large Blade Crocus Polished.

No. 352P—2 blades, ebony, brass lined, 3¾ in., - per dozen $8.65
No. 350P—2 blades, stag, brass lined, 3¾ in., - " 9.00

No. 1050P.

Large Blade Crocus Polished.

No. 1049P—2 blades, stag, brass lined, 3¾ in., - per dozen $10.95
No. 1050P—2 blades, stag, brass lined, 4 in., - " 11.75

HALF DOZEN IN A BOX.

No. 1009P.

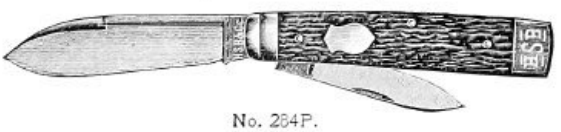
Large Blade Crocus Polished.

No. 1009P—2 blades, stag, brass lined, 3⅛ in., - per dozen $ 8.10
No. 1010P—2 blades, pearl, brass lined, 3⅛ in., - " 15.40

No. 337P.

Large Blade Crocus Polished.

No. 289P—2 blades, ebony, brass lined, 3½ in., - per dozen $8.80
No. 290P—2 blades, stag, brass lined, 3½ in., - " 9.20
No. 337P—2 blades, cocoa, brass lined, 3¾ in., - " 9.20
No. 338P—2 blades, ebony, brass lined, 3¾ in., - " 9.35



No. 284P.

Large Blade Crocus Polished.

No. 287P—2 blades, cocoa, brass lined, 3½ in., - per dozen $8.40
No. 288P—2 blades, stag, brass lined, 3½ in., - " 8.80
No. 283P—2 blades, ebony, brass lined, 3⅝ in., - " 9.20
No. 284P—2 blades, stag, brass lined, 3⅝ in., - " 9.60

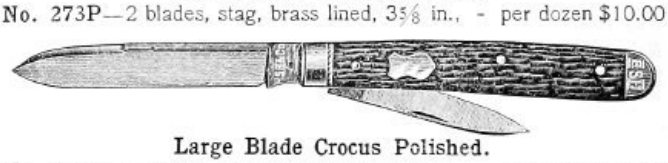
No. 292P.

Large Blade Crocus Polished.

No. 291 P—2 blades, cocoa, brass lined, 3½ in., per dozen $9.00
No. 291½P—2 blades, ebony, brass lined, 3½ in., " 9.20
No. 292 P—2 blades, stag, brass lined, 3½ in., " 9.60

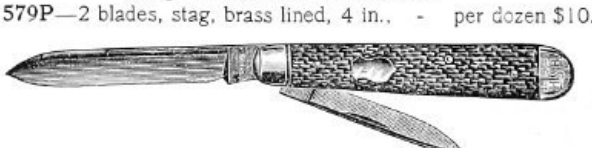
Large Blade Crocus Polished.

No. 273P—2 blades, stag, brass lined, 3⅝ in., - per dozen $10.00



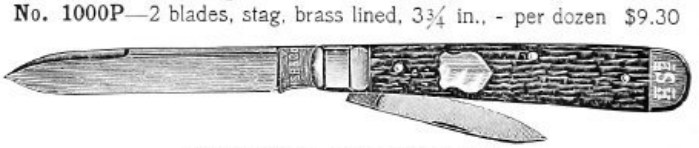
Large Blade Crocus Polished.

No. 579P—2 blades, stag, brass lined, 4 in., - per dozen $10.80



Large Blade Crocus Polished.

No. 1000P—2 blades, stag, brass lined, 3¾ in., - per dozen $9.30



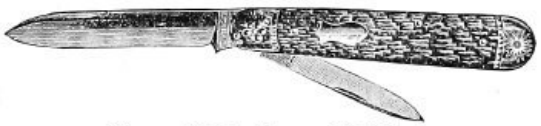
Large Blade Crocus Polished.

No. 581P—2 blades, stag, brass lined, 4⅜ in., - per dozen $12.80

HALF DOZEN IN A BOX

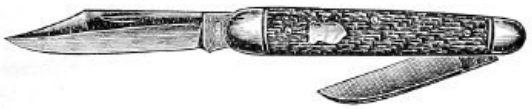
POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.



Large Blade Crocus Polished.

No. 1061P—2 blades, stag, brass lined, fancy bolster, 3½ in., per dozen, - - - - - - - - $9.20



Large Blade Crocus Polished.

No. 599P—2 blades, stag, brass lined, 3⅝ in., - per dozen $11.60

Large Blade Crocus Polished.

No. 473P—2 blades, ebony, German silver lined, 3⅜ in., per dozen, - - - - - - - - $8.75

Large Blade Crocus Polished.

No. 1039P—2 blades, stag, brass lined, 3⅜ in., - per dozen $6.40

No. 328P.

Large Blade Crocus Polished.

No. 252P—2 blades, cocoa, brass lined, 3⅜ in., - per dozen $7.60
No. 254P—2 blades, buffalo, brass lined, 3⅜ in., - " 8.40
No. 253P—2 blades, stag, brass lined, 3⅜ in., - " 8.40
No. 327P—2 blades, ebony, brass lined, 3⅝ in., - " 9.20
No. 328P—2 blades, stag, brass lined, 3⅝ in., - " 9.60

Large Blade Crocus Polished.

No. 1062P—2 blades, stag, brass lined, fancy bolsters, 3½ in., per dozen, - - - - - - - - $9.60

No. 1072P.

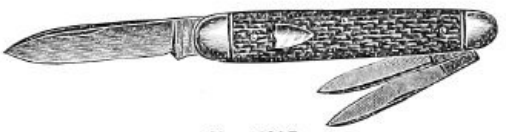
Large Blade Crocus Polished.

No. 1071P—3 blades, ebony, brass lined, 3⅛ in., per dozen $10.95
No. 1072P—3 blades, stag, brass lined, 3⅛ in., " 10.95

HALF DOZEN IN A BOX.

Large Blade Crocus Polished.

No. 799P—3 blades, cocoa, brass lined, 3⅝ in., - per dozen $10.80



No. 1030P.

Large Blade Crocus Polished.

No. 1030P—3 blades, stag, brass lined, 3½ in., per dozen $12.15
No. 1031P—3 blades, pearl, brass lined, 3½ in., " 20.20

No. 627P.

Large Blade Crocus Polished.

No. 627P—3 blades, buffalo, brass lined, 3⅝ in., per dozen $13.80
No. 626P—3 blades, stag, brass lined, 3⅝ in., " 13.80

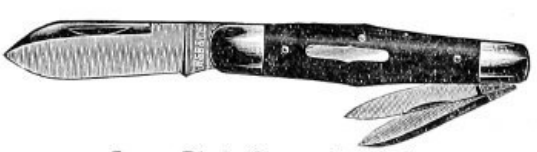
No. 614P.

Large Blade Crocus Polished.

No. 614P—3 blades, buffalo, brass lined, 3¼ in., per dozen $11.75
No. 615P—3 blades, stag, brass lined, 3¼ in., " 11.75

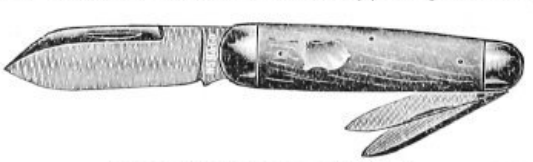
Large Blade Crocus Polished.

No. 681P—3 blades, stag, brass lined, 3¾ in., - per dozen $19.50



Large Blade Crocus Polished.

No. 666P—3 blades, ebony, brass lined, 3¾ in., per dozen $12.00



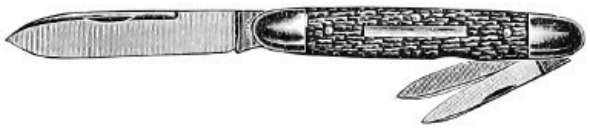
Large Blade Crocus Polished.

No. 667P—3 blades, cocoa, brass lined, 3¾ in., per dozen $13.60

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.



Large Blade Crocus Polished.

No. 625P—3 blades, stag, brass lined, 3⅞ in., - per dozen $14.00

Large Blade Crocus Polished.

No. 623P—3 blades, stag, brass lined, 3⅝ in., - per dozen $12.00

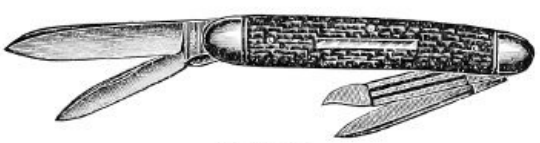
No. 678P.

Large Blade Crocus Polished.

No. 676P—3 blades, cocoa, brass lined, 3½ in., - per dozen $12.00
No. 677P—3 blades, ebony, brass lined, 3½ in., - " 12.15
No. 678P—3 blades, stag, brass lined, 3½ in., - " 12.40

Large Blade Crocus Polished.

No. 682P—3 blades, stag, brass lined, 3¾ in., - per dozen $13.20



No. 1036P.

Large Blade Crocus Polished.

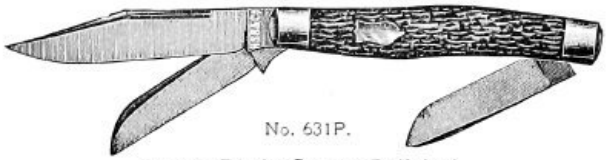
No. 1036P—4 blades, stag, brass lined, 3⅞ in., per dozen $15.20
No. 1037P—4 blades, pearl, brass lined, 3⅞ in., " 24.30

No. 1092P.

Large Blade Crocus Polished.

No. 1091P—3 blades, buffalo, brass lined, 3⅝ in., per dozen $10.45
No. 1092P—3 blades, stag, brass lined, 3⅝ in., " 10.45
No. 1093P—3 blades, pearl, brass lined, 3⅝ in., " 19.95

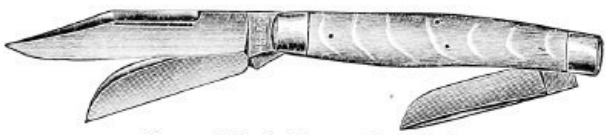
HALF DOZEN IN A BOX.



No. 631P.

Large Blade Crocus Polished.

No. 624P—3 blades, stag, iron lined, 3⅝ in., - per dozen $12.00
No. 631P—3 blades, stag, brass lined, 4 in., - " 12.80



Large Blade Crocus Polished.

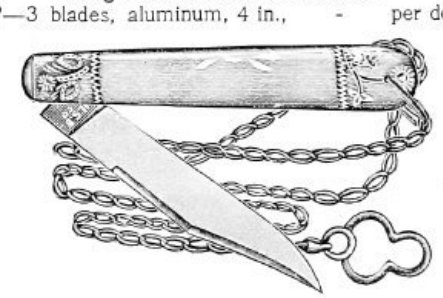
No. 635P—3 blades, pearl, brass lined, 4 in., - per dozen $27.95

Large Blade Crocus Polished.

No. 1063P—3 blades, aluminum, 3⅜ in., - per dozen $10.70
No. 1064P—3 blades, aluminum, 3¾ in., - " 13.40

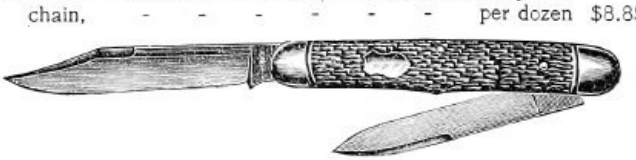
Large Blade Crocus Polished.

No. 1065P—3 blades, aluminum, 4 in., - per dozen $14.20



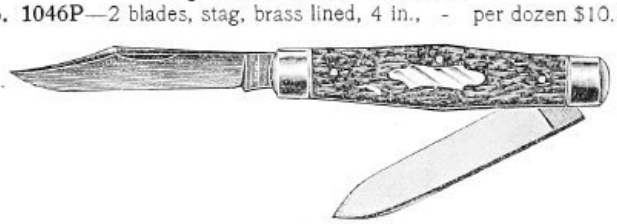
Large Blade Crocus Polished.

No. 1143P—1 blade, aluminum, 4½ in., 25 in. nickel plated chain, - - - - - - per dozen $8.85



Large Blade Crocus Polished.

No. 1046P—2 blades, stag, brass lined, 4 in., - per dozen $10.15



No. 1100P.

Large Blade Crocus Polished.

No. 1099P—2 blades, cocoa, brass lined, 3⅝ in., per dozen $8.75
No. 1100P—2 blades, stag, brass lined, 3⅝ in., " 9.10

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.

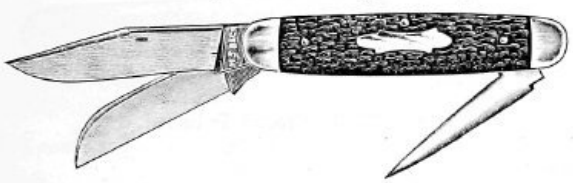
No. 689P.

Large Blade Crocus Polished.

No. 688P—3 blades, cocoa, brass lined, 3⅝ in., - per dozen $11.75
No. 689P—3 blades, stag, brass lined, 3⅝ in., - " 12.15

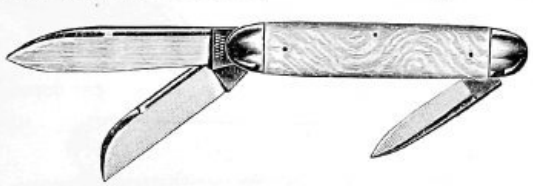
Large Blade Crocus Polished.

No. 690P—3 blades, stag, brass lined, 3⅝ in., - per dozen $13.00



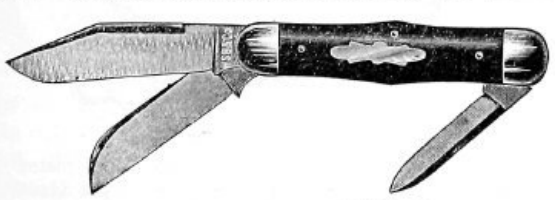
Large Blade Crocus Polished.

No. 1090P—3 blades, stag, brass lined, 3⅝ in., with Harrison belt punch, pat. 6-10-'02, - - per dozen $12.75



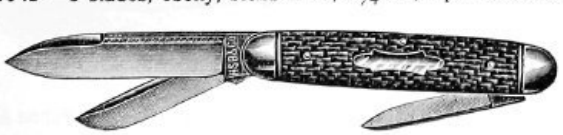
Large Blade Crocus Polished.

No. 768P—3 blades, pearl, brass lined, 3⅜ in., - per dozen $21.50



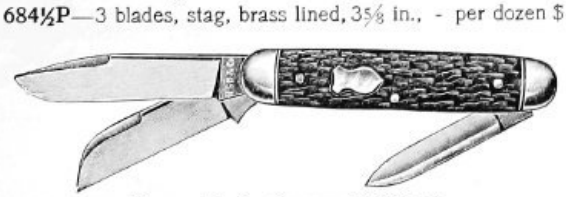
Large Blade Crocus Polished.

No. 604P—3 blades, ebony, brass lined, 3¾ in., - per dozen $12.15



Large Blade Crocus Polished.

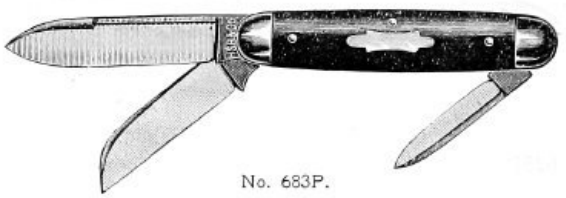
No. 684½P—3 blades, stag, brass lined, 3⅝ in., - per dozen $11.75



Large Blade Crocus Polished.

No. 1089P—3 blades, stag, brass lined, 3⅝ in., - per dozen $11.85

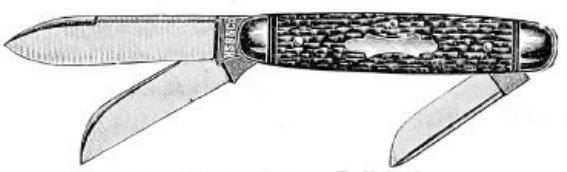
HALF DOZEN IN A BOX.



No. 683P.

Large Blade Crocus Polished.

No. 683P—3 blades, ebony, brass lined, 3⅝ in., - per dozen $11.35
No. 684P—3 blades, stag, brass lined, 3⅝ in., - " 11.75

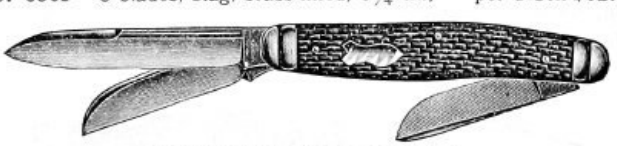


Large Blade Crocus Polished.

No. 685P—3 blades, stag, brass lined, 3⅝ in., - per dozen $12.15

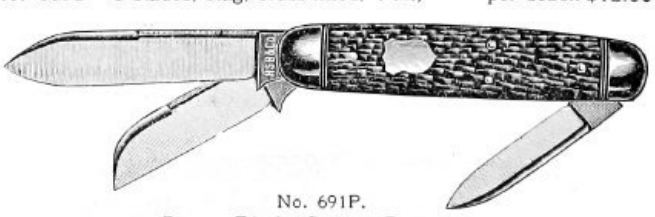
Large Blade Crocus Polished.

No. 636P—3 blades, stag, brass lined, 3¾ in., - per dozen $12.15



Large Blade Crocus Polished.

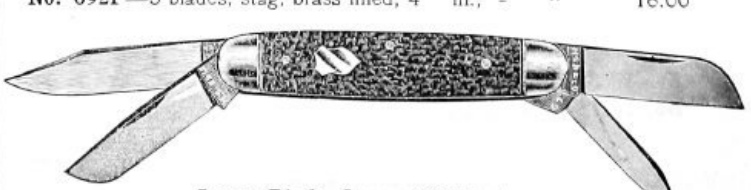
No. 639P—3 blades, stag, brass lined, 4 in., - per dozen $12.60



No. 691P.

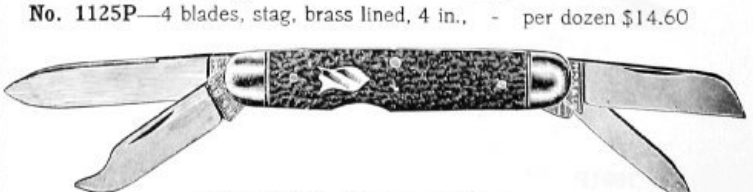
Large Blade Crocus Polished.

No. 691P—3 blades, stag, brass lined, 4¼ in., - per dozen $16.00
No. 692P—3 blades, stag, brass lined, 4 in., - " 16.00



Large Blade Crocus Polished.

No. 1125P—4 blades, stag, brass lined, 4 in., - per dozen $14.60



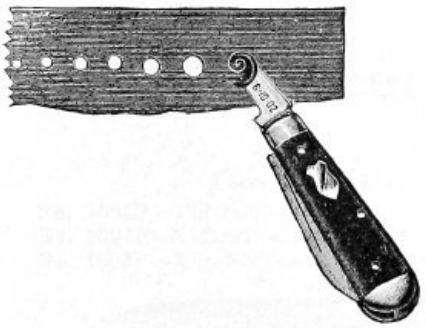
Large Blade Crocus Polished.

No. 1126P—4 blades, stag, brass lined, 4 in., - per dozen $14.60

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO.'S, WITH HARRISON PATENT PUNCH BLADES.



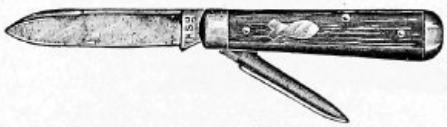
Showing work done by Harrison Patent Punch Blade.

All the pocket knives on this page are supplied with a Harrison patent punch blade as illustrated above. It is the only knife ever made that will cut perfectly round and smooth holes in leather. Will cut holes of any size up to 1/2 inch in diameter, and can be used to enlarge holes already made. Much more convenient to use than a punch, being always at hand, and making just the right size hole wanted every time.

Invaluable for Belting, Etc. An invaluable tool for repairing belting, for mending harness or making buckle holes. The curving upper face of the punch extending slightly over the end of the knife, making it easy to open, even if the user has on gloves. It is very strong, and will hold its sharp-cutting edge a long time without re-sharpening. This is the only punch manufactured that will cut a perfectly round, smooth hole of any desired size without damaging the leather.

The Very Best Quality. Both the patented punch blade, and the other blades are hand forged from the finest grade of crucible steel, highly tempered and warranted free from flaws. These knives are positively without equal for practicability.

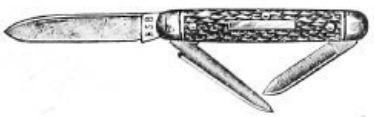
No. 1311P—Length 3 1/2 in., 2 blades, stag, iron lined, large blade crocus polished, with Harrison belt punch, per dozen $8.00



No. 1301P—Length 3 1/2 in., 2 blades, cocoa handle, iron lined, large blade crocus polished, with Harrison belt punch.....per dozen $9.00

No. 1303P—Length 3 5/8 in., 2 blades, stag, brass lined, large blade crocus polished, with Harrison belt punch, per dozen..... $12.50

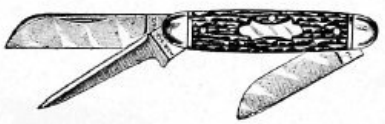
HALF DOZEN IN A BOX.



No. 1305P—Length 3 1/8 in., 3 blades, stag, brass lined, large blade crocus polished, with Harrison belt punch, per dozen $16.00

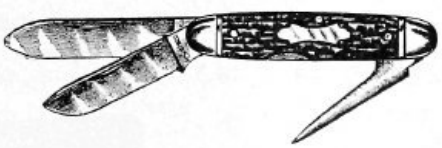
No. 1304P—Length 3 5/16 in., 4 blades, stag, brass lined, large blade crocus polished, with Harrison belt punch, per dozen $20.00

No. 1090P—Length 3 5/8 in., 3 blades, stag, brass lined, large blade crocus polished, with Harrison belt punch, per dozen $16.00



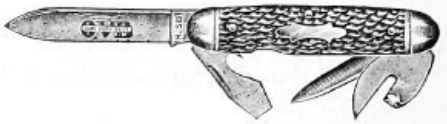
No. 1308P—Length 3 5/8 in., 3 blades, stag, brass lined, large blade crocus polished, with Harrison belt punch, per dozen..... $16.00

No. 1185P—Length 3 5/8 in., 3 blades, stag, brass lined, large blade crocus polished, with Harrison belt punch, per dozen $18.00



No. 1309P—Length 3 5/8 in., 3 blades, stag, brass lined, large blade crocus polished, with Harrison belt punch, per dozen..... $16.00

HALF DOZEN IN A BOX.

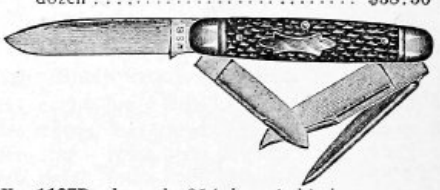


"OUR VERY BEST."

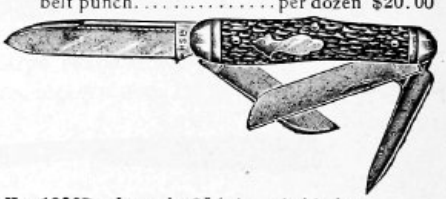
No. 935 OVB—Length 3 5/8 in., 4 blades, stag, brass lined, German silver bolsters and shield, large blade crocus polished, with Harrison belt punch, screw driver, can opener and bottle-cap opener.....per dozen $24.00

No. 1310P—3 5/8 in., brass lined, German silver bolsters and shield, stag handle, one large spear blade P. M. S. finish, one small screw driver blade, one Harrison punch blade, one patent can opener blade, ...per dozen 23.00

No. 1186P—Length 3 3/4 in., 4 blades, genuine Buckhorn handle, brass lined, large blade crocus polished, with Harrison belt punch, per dozen $38.50



No. 1187P—Length 3 5/8 in., 4 blades, stag, brass lined, milled back, large blade crocus polished, with Harrison belt punch.....per dozen $20.00



No. 1306P—Length 3 5/8 in., 4 blades, stag, brass lined, large blade crocus polished, with Harrison belt punch, per dozen $23.00

No. 1307P—Length 3 7/8 in., 4 blades, stag, brass lined, large blade crocus polished, with Harrison belt punch, per dozen $23.00

No. 929 "Our Very Best"—Length 3 7/8 in., stag, 4 blades, German silver lined, full crocus polished, milled back, with Harrison belt punch, per dozen $24.00

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.

No. 1002P.

Large Blade Crocus Polished.

No. 1001P—2 blades, ebony, brass lined, 3⅜ in., per dozen $ 9.00
No. 1002P—2 blades, stag, brass lined, 3⅜ in., " 9.40
No. 1003P—2 blades, pearl, brass lined, 3⅜ in., " 19.00

No. 294P.

Large Blade Crocus Polished.

No. 293P—2 blades, cocoa, brass lined, 3½ in., per dozen $9.00
No. 294P—2 blades, stag, brass lined, 3½ in., " 9.60

No. 318P.

Large Blade Crocus Polished.

No. 317P—2 blades, ebony, brass lined, 3¼ in., per dozen $8.80
No. 318P—2 blades, stag, brass lined, 3¼ in., " 9.20

No. 319P.

Large Blade Crocus Polished.

No. 319P—2 blades, ebony, brass lined, 3¾ in., per dozen $ 9.60
No. 320P—2 blades, stag, brass lined, 3¾ in., " 10.00

Large Blade Crocus Polished.

No. 1104P—2 blades, stag, brass lined, 3 in., - per dozen $6.55

No. 544P.

Large Blade Crocus Polished.

No. 543P—2 blades, ebony, brass lined, 3⅜ in., per dozen $6.40
No. 544P—2 blades, stag, brass lined, 3⅜ in., " 6.40

No. 520P.

Large Blade Crocus Polished.

No. 520P—2 blades, stag, brass lined, 3 in., - per dozen $6.40
No. 379P—2 blades, stag, iron lined, 3¼ in., - " 6.40

Large Blade Crocus Polished.

No. 548P—2 blades, stag, iron lined, 3½ in., - per dozen $6.80
HALF DOZEN IN A BOX.

No. 1106P.

Large Blade Crocus Polished.

No. 1038P—2 blades, ebony, brass lined, 3⅛ in., per dozen $ 6.40
No. 1106P—2 blades, stag, brass lined, 3 in., " 7.05
No. 1108P—2 blades, pearl, brass lined, 3 in., " 12.15

No. 1045P.

Large Blade Crocus Polished.

No. 1043P—2 blades, cocoa, brass lined, 3⅜ in., per dozen $6.40
No. 1044P—2 blades, ebony, brass lined, 3⅜ in., " 6.40
No. 1045P—2 blades, stag, brass lined, 3⅜ in., " 6.40

No. 1040P.

Large Blade Crocus Polished.

No. 1040P—2 blades, cocoa, brass lined, 3¼ in., per dozen $ 6.40
No. 1041P—2 blades, ebony, brass lined, 3¼ in., " 6.40
No. 1042P—2 blades, stag, brass lined, 3¼ in., " 6.40
No. 1122P—2 blades, pearl, brass lined, 3⅜ in., " 13.10

Large Blade Crocus Polished.

No. 1101P—1 blade, nickel plated, 2⅞ in., - per dozen $3.65

No. 1012P.

Large Blade Crocus Polished.

No. 1012P—1 blade, ebony, brass lined, 2½ in., per dozen $4.00
No. 1013P—1 blade, pearl, brass lined, 2½ in., " 8.10

No. 1097P.

Large Blade Crocus Polished.

No. 1096P—2 blades, buffalo, brass lined, 2¾ in., per dozen $ 6.70
No. 1097P—2 blades, stag, brass lined, 2¾ in., " 6.70
No. 1098P—2 blades, pearl, brass lined, 2¾ in., " 10.35

Large Blade Crocus Polished.

No. 1017P—2 blades, pearl, brass lined, 2⅝ in., per dozen $10.50
HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.

Large Blade Crocus Polished.

No. 1016P—2 blades, pearl, brass lined, 2⅝ in., per dozen $11.00

No. 330P.

Large Blade Crocus Polished.

No. 329P—2 blades, buffalo, brass lined, 2⅞ in., per dozen $ 7.60
No. 330P—2 blades, pearl, brass lined, 2⅞ in., " 11.30

No. 297—2 blades, aluminum, 2⅜ in., - per dozen $5.25

Large Blade Crocus Polished.

No. 300P—2 blades, pearl, brass lined, 2⅝ in., - per dozen $11.00

Large Blade Crocus Polished.

No. 1094P—2 blades, pearl, brass lined, 2¾ in., per dozen $12.15

No. 584P.

Large Blade Crocus Polished.

No. 583P—2 blades, ebony, brass lined, 3 in., - per dozen $ 6.40
No. 584P—2 blades, stag, brass lined, 3 in., - " 6.40
No. 585P—2 blades, pearl, brass lined, 3 in., - " 14.60

No. 1008P.

Large Blade Crocus Polished.

No. 1006P—2 blades, ebony, brass lined, 3⅛ in., per dozen $ 6.40
No. 1007P—2 blades, stag, brass lined, 3⅛ in., " 6.40
No. 1008P—2 blades, pearl, brass lined, 3⅛ in., " 14.60

No. 1066P.

Large Blade Crocus Polished.

No. 1066P—2 blades, stag, brass lined, 3⅛ in., per dozen $ 7.30
No. 1067P—2 blades, pearl, brass lined, 3⅛ in., " 16.60

HALF DOZEN IN A BOX.

No. 312P.

Large Blade Crocus Polished.

No. 313P—2 blades, buffalo, brass lined, 3⅜ in., per dozen $7.20
No. 312P—2 blades, stag, brass lined, 3⅜ in., " 7.20

Large Blade Crocus Polished.

No. 316P—2 blades, stag, brass lined, 3⅛ in., - per dozen $7.20

No. 1105P.

Large Blade Crocus Polished.

No. 1105P—2 blades, stag, brass lined, 3 in., - per dozen $ 6.80
No. 1109P—2 blades, pearl, brass lined, 3 in., - " 14.60

No. 1014P.

Large Blade Crocus Polished.

No. 1014P—2 blades, stag, brass lined, 3 in., - per dozen $ 6.80
No. 1015P—2 blades, pearl, brass lined, 3 in., - " 12.60

No. 314P.

Large Blade Crocus Polished.

No. 315P—2 blades, buffalo, brass lined, 3⅜ in., per dozen $8.40
No. 314P—2 blades, stag, brass lined, 3⅜ in., " 8.40

No. 1110P.

Large Blade Crocus Polished.

No. 1107P—2 blades, stag, brass lined, 3 in., - per dozen $ 7.30
No. 1110P—2 blades, pearl, brass lined, 3 in., - " 14.60

Large Blade Crocus Polished.

No. 1022P—2 blades, pearl, brass lined, 3¼ in., per dozen $17.00

Large Blade Crocus Polished.

No. 1082P—2 blades, pearl, German silver lined, 3 in., per dozen, - - - - - - - - $13.00

Large Blade Crocus Polished.

No. 1081P—2 blades, pearl, brass lined, 2⅜ in., per dozen $8.70

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.

Large Blade Crocus Polished.

No. 1080P—2 blades, pearl, brass lined, 2¼ in., per dozen $8.70

Large Blade Crocus Polished.

No. 299P—2 blades, pearl, brass lined, 2⅝ in., - per dozen $9.30

No. 1019P.

Large Blade Crocus Polished.

No. 1018P—2 blades, stag, brass lined, 2⅞ in., per dozen $ 7.60
No. 1019P—2 blades, pearl, brass lined, 2⅞ in., " 11.75

Large Blade Crocus Polished.

No. 1020P—2 blades, pearl, brass lined, 2¾ in., per dozen $10.50

No. 1085P.

Large Blade Crocus Polished.

No. 1084P—2 blades, pearl, German silver lined, 3⅜ in., per dozen, - - - - - - - - $11.75
No. 1085P—3 blades, pearl, German silver lined, 3⅜ in., per dozen, - - - - - - - - 14.60

Large Blade Crocus Polished.

No. 1021P—2 blades, pearl, brass lined, 3 in., - per dozen $14.20

Large Blade Crocus Polished.

No. 1088P—2 blades, stag, brass lined, 3 in., - per dozen $7.30

Large Blade Crocus Polished.

No. 474P—2 blades, stag, German silver lined, 3⅜ in., per dozen, - - - - - - - - $8.75

Large Blade Crocus Polished.

No. 570P—2 blades, stag, brass lined, 3 in., - per dozen $7.75

HALF DOZEN IN A BOX.

Large Blade Crocus Polished.

No. 1023P—2 blades, stag, brass lined, 3½ in., - per dozen $8.15

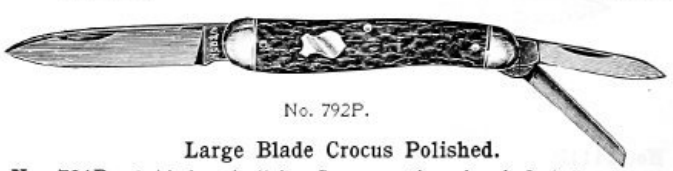
No. 311P.

Large Blade Crocus Polished.

No. 309P—2 blades, buffalo, brass lined, 3 in., - per dozen $ 8.40
No. 310P—2 blades, stag, brass lined, 3 in., - " 8.40
No. 311P—2 blades, pearl, brass lined, 3 in., - " 14.60

Large Blade Crocus Polished.

No. 476P—2 blades, pearl, German silver lined, 3⅜ in., per dozen, - - - - - - - - $19.45



No. 792P.

Large Blade Crocus Polished.

No. 791P—3 blades, buffalo, German silver lined, 3⅜ in., per dozen, - - - - - - - - $11.55
No. 792P—3 blades, stag, German silver lined, 3⅜ in., per dozen, - - - - - - - - 11.55
No. 795P—3 blades, pearl, German silver lined, 3⅜ in., per dozen, - - - - - - - - 21.25

No. 610P.

Large Blade Crocus Polished.

No. 608P—3 blades, buffalo, brass lined, 3 in., - per dozen $12.00
No. 609P—3 blades, stag, brass lined, 3 in., - " 12.40
No. 610P—3 blades, pearl, brass lined, 3 in., - " 17.80

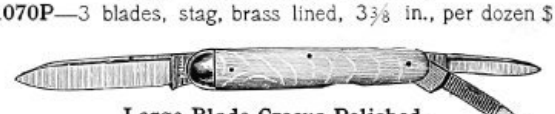
No. 1032P.

Large Blade Crocus Polished.

No. 1032P—3 blades, stag, brass lined, 3⅛ in., per dozen $10.80
No. 1033P—3 blades, pearl, brass lined, 3⅛ in., " 17.80

Large Blade Crocus Polished.

No. 1070P—3 blades, stag, brass lined, 3⅜ in., per dozen $11.20



Large Blade Crocus Polished.

No. 620P—3 blades, pearl, brass lined, 2¾ in., per dozen $16.20

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.

No. 613P.

Large Blade Crocus Polished.

No. 611P—3 blades, buffalo, brass lined, 3⅛ in., per dozen $11.20
No. 612P—3 blades, stag, brass lined, 3⅛ in., " 11.20
No. 613P—3 blades, pearl, brass lined, 3⅛ in., " 16.50

No. 618P.

Large Blade Crocus Polished.

No. 617P—3 blades, buffalo, brass lined, 3⅛ in., per dozen $12.50
No. 616P—3 blades, stag, brass lined, 3⅛ in., " 12.50
No. 618P—3 blades, pearl, brass lined, 3⅛ in., " 18.25

No. 1115P.

Large Blade Crocus Polished.

No. 1111P—3 blades, stag, brass lined, 3 in., - per dozen $ 9.70
No. 1112P—3 blades, buffalo, brass lined, 3 in., - " 9.70
No. 1115P—3 blades, pearl, brass lined, 3 in., - " 14.60

No. 1029P.

Large Blade Crocus Polished.

No. 1073P—3 blades, pearl, brass lined, 3⅛ in., - per dozen $17.80
No. 1029P—3 blades, pearl, brass lined, 3⅜ in., - " 18.25

No. 1119P.

Large Blade Crocus Polished.

No. 1119P—4 blades, stag, brass lined, 3 in., - per dozen $10.70
No. 1121P—4 blades, pearl, brass lined, 3 in., - " 19.45

Large Blade Crocus Polished.

No. 1035P—4 blades, pearl, brass lined, 2¾ in., - per dozen $18.25

Large Blade Crocus Polished.

No. 1034P—4 blades, pearl, brass lined, 3 in., - per dozen $21.40

HALF DOZEN IN A BOX.

Large Blade Crocus Polished.

No. 821P—4 blades, stag, brass lined, 2¾ in., - per dozen $12.90

Large Blade Crocus Polished.

No. 1026P—4 blades, pearl, brass lined, 2¾ in., per dozen $15.00

Large Blade Crocus Polished.

No. 1083P—4 blades, pearl, brass lined, 2¾ in., per dozen $15.00

No. 1025P.

Large Blade Crocus Polished.

No. 1025P—4 blades, pearl, brass lined, 3⅛ in., per dozen $17.80
No. 1024P—4 blades, pearl, brass lined, 3⅜ in., " 20.60

No. 818P.

Large Blade Crocus Polished.

No. 817P—4 blades, buffalo, brass lined, 3⅛ in., per dozen $12.50
No. 816P—4 blades, stag, brass lined, 3⅛ in., " 12.50
No. 818P—4 blades, pearl, brass lined, 3⅛ in., " 18.20

No. 760P.

Large Blade Crocus Polished.

No. 760P—3 blades, stag, brass lined, 3⅛ in., - per dozen $11.20
No. 769P—3 blades, pearl, brass lined, 3⅛ in., - " 17.00

No. 1114P.

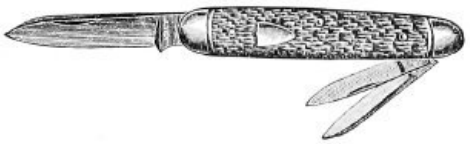
Large Blade Crocus Polished.

No. 1114P—3 blades, stag, brass lined, 3 in., - per dozen $10.75
No. 1116P—3 blades, pearl, brass lined, 3 in., - " 18.20

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.



Large Blade Crocus Polished.

No. 1028P—3 blades, stag, brass lined, 3⅜ in., - per dozen $10.80

No. 1117P.

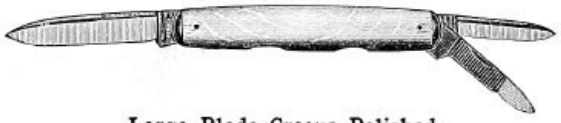
Large Blade Crocus Polished.

No. 1113P—3 blades, stag, brass lined, 3 in., - per dozen $ 9.70
No. 1117P—3 blades, pearl, brass lined, 3 in., - " 18.25

No. 629P.

Large Blade Crocus Polished.

No. 628P—3 blades, stag, rope milled brass lining, 3⅜ in., per dozen, - - - - - - - - $14.80
No. 629P—3 blades, pearl, rope milled brass lining, 3⅜ in., per dozen, - - - - - - - - 21.20



Large Blade Crocus Polished.

No. 619P—3 blades, pearl, brass lined, 3 in., - per dozen $20.60

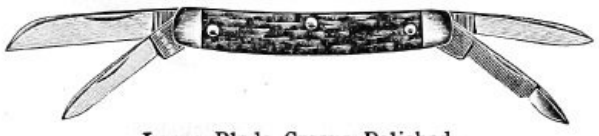
No. 820P.

Large Blade Crocus Polished.

No. 819P—4 blades, stag, brass lined, 3⅜ in., - per dozen $12.50
No. 820P—4 blades, pearl, brass lined, 3⅜ in., - " 20.25

Large Blade Crocus Polished.

No. 1076P—4 blades, stag, brass lined, 3⅜ in., - per dozen $14.20



Large Blade Crocus Polished.

No. 1124P—4 blades, stag, brass lined, 3 in., - per dozen $10.70

HALF DOZEN IN A BOX.

No. 1069P.

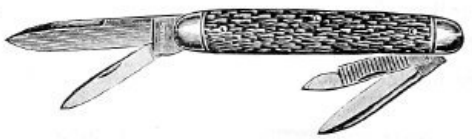
Large Blade Crocus Polished.

No. 1068P—4 blades, ebony, brass lined, 3⅜ in., per dozen $10.95
No. 1069P—4 blades, stag, brass lined, 3⅜ in., " 10.95

No. 1074P.

Large Blade Crocus Polished.

No. 1074P—4 blades, stag, brass lined, 3⅜ in., per dozen $13.40
No. 1075P—4 blades, pearl, brass lined, 3⅜ in., " 20.20



Large Blade Crocus Polished.

No. 1027P—4 blades, stag, brass lined, 3⅜ in., - per dozen $12.70

No. 1079P.

Large Blade Crocus Polished.

No. 1078P—4 blades, stag, brass lined, 3⅜ in., per dozen $14.20
No. 1079P—4 blades, pearl, brass lined, 3⅜ in., " 23.90

No. 1120P.

Large Blade Crocus Polished.

No. 1118P—4 blades, stag, brass lined, 3 in., - per dozen $11.80
No. 1120P—4 blades, pearl, brass lined, 3 in., - " 19.45

Large Blade Crocus Polished.

No. 1077P—4 blades, pearl, brass lined, 3⅜ in., - per dozen $23.90

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. B. & CO'S, WARRANTED.

No. 344P.

Large Blade Crocus Polished.

No. 343P—2 blades, pearl, aluminum bolsters, German silver lined, 2¾ in., - - - - per dozen $10.15

No. 344P—2 blades, pearl, aluminum bolsters, German silver lined, 3⅛ in., - - - - per dozen 13.00

No. 345P—2 blades, pearl, aluminum bolsters, German silver lined, 3½ in., - - - - per dozen 14.40

No. 621P.

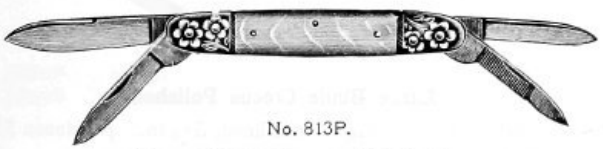
Large Blade Crocus Polished.

No. 621P—3 blades, pearl, aluminum bolsters, German silver lined, 3⅛ in., - - - - per dozen $16.60

No. 622P—3 blades, pearl, aluminum bolsters, German silver lined, 3½ in., - - - - per dozen 19.20

Large Blade Crocus Polished.

No. 811P—4 blades, pearl, aluminum bolsters, German silver lined, 2¾ in., - - - - per dozen $15.20



No. 813P.

Large Blade Crocus Polished.

No. 812P—4 blades, pearl, aluminum bolsters, German silver lined, 3⅛ in., - - - - per dozen $16.80

No. 813P—4 blades, pearl, aluminum bolsters, German silver lined, 3⅜ in., - - - - per dozen 18.80

Large Blade Crocus Polished.

No. 1095P—2 blades, aluminum, 3 in., - per dozen $6.80

Large Blade Crocus Polished.

No. 355P—2 blades, aluminum, 3⅜ in., - per dozen $8.90

HALF DOZEN IN A BOX.

Large Blade Crocus Polished.

No. 804P—3 blades, aluminum, 2⅝ in., - per dozen $11.40

Large Blade Crocus Polished.

No. 641P—3 blades, aluminum, 3⅛ in., - per dozen $13.00

Large Blade Crocus Polished.

No. 642P—3 blades, aluminum, 3½ in., - per dozen $15.40

No. 801P.

Large Blade Crocus Polished.

No. 383P—2 blades, aluminum, 2¾ in., - per dozen $ 7.30

No. 801P—4 blades, aluminum, 2¾ in., - " 11.40

No. 802P.

Large Blade Crocus Polished.

No. 384P—2 blades, aluminum, 3⅛ in., - per dozen $ 9.10

No. 802P—4 blades, aluminum, 3⅛ in., - " 13.40

No. 805P.

Large Blade Crocus Polished.

No. 354P—2 blades, aluminum, 3 in., - - per dozen $ 9.40

No. 805P—4 blades, aluminum, 3 in., - - " 13.00

No. 803P.

Large Blade Crocus Polished.

No. 385P—2 blades, aluminum, 3⅜ in., - per dozen $11.00

No. 803P—4 blades, aluminum, 3⅜ in., - " 15.40

HALF DOZEN IN A BOX.

POCKET KNIVES.

H. S. & B. CO'S, WARRANTED.

No. 1514P—2 blades, shell celluloid, German silver lined, 2⅜ in., - - - - - - - per dozen $6.00
No. 1515P—2 blades, ivory celluloid, German silver lined, 2⅜ in., - - - - - - - per dozen 6.00
No. 1516P—2 blades, shell celluloid, German silver lined, 2⅜ in., - - - - - - - per dozen 6.00
No. 1517P—2 blades, ivory celluloid, German silver lined, 2⅜ in., - - - - - - - per dozen 6.00

No. 1503P—2 blades, ivory celluloid, brass lined, German silver bolsters, 3 in., - - - - - per dozen **$6.00**
No. 1504P—2 blades, shell celluloid, brass lined, German silver bolsters, 3 in., - - - - - per dozen 6.00

No. 1505P—2 blades, shell celluloid, brass lined, German silver bolsters, 2⅞ in., - - - - - per dozen $6.00
No. 1506P—2 blades, ivory celluloid, brass lined, German silver bolsters, 2⅞ in., - - - - - per dozen 6.00

No. 1500P—2 blades, ivory celluloid, brass lined, German silver bolsters, 2⅞ in., - - - - - per dozen $6.00
No. 1501P—2 blades, shell celluloid, brass lined, German silver bolsters, 2⅞ in., - - - - - per dozen 6.00
No. 1502P—1 blade and 1 file, shell celluloid, brass lined, German silver bolsters, 2⅞ in., - - - - per dozen 6.00
No. 1528P—2 blades, ivory celluloid, brass lined, German silver bolsters, 3⅛ in., - - - - - per dozen 6.00
No. 1529P—2 blades, shell celluloid, brass lined, German silver bolsters, 3⅛ in., - - - - - per dozen 6.00
No. 1539P—2 blades, ebony celluloid, brass lined, German silver bolsters, 3⅛ in., - - - - - per dozen 6.00
No. 1530P—2 blades, ivory celluloid, brass lined, German silver bolsters, 3¼ in., - - - - - per dozen 6.00
No. 1531P—2 blades, shell celluloid, brass lined, German silver bolsters, 3¼ in., - - - - - per dozen 6.00
No. 1540P—2 blades, ebony celluloid, brass lined, German silver bolsters, 3¼ in., - - - - - per dozen 6.00

No. 1532P—2 blades, shell celluloid, brass lined, German silver bolsters, 3 in., - - - - - per dozen $6.00
No. 1533P—2 blades, ivory celluloid, brass lined, German silver bolsters, 3 in., - - - - - per dozen 6.00

No. 1534P—2 blades, shell celluloid, brass lined, 2⅞ in., per dozen, - - - - - - - - - - $6.00
No. 1535P—2 blades, ivory celluloid, brass lined, 2⅞ in., per dozen, - - - - - - - - - - 6.00

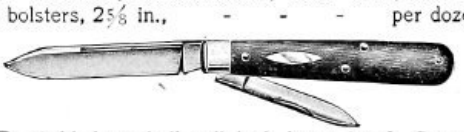
HALF DOZEN IN A BOX.

No. 1509P—2 blades, shell celluloid, brass lined, German silver tips, 2⅝ in., - - - - - per dozen $6.00
No. 1510P—2 blades, ivory celluloid, brass lined, German silver tips, 2⅝ in., - - - - - per dozen 6.00
No. 1513P—2 blades, stag, brass lined, German silver tips, per dozen, - - - - - - - - - - 6.00
No. 1511P—2 blades, shell celluloid, brass lined, German silver bolsters, - - - - - per dozen 6.00
No. 1512P—2 blades, ivory celluloid, brass lined, German silver bolsters, - - - - - per dozen 6.00

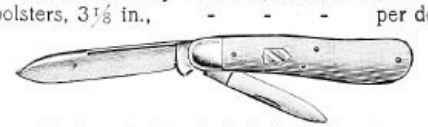
No. 1518P—2 blades, shell celluloid, brass lined, German silver bolsters, 2⅞ in., - - - per dozen $6.00
No. 1519P—2 blades, ivory celluloid, brass lined, German silver bolsters, 2⅞ in., - - - per dozen 6.00
No. 1536P—2 blades, ebony celluloid, brass lined, German silver bolsters, 2⅞ in., - - - per dozen 6.00

No. 1520P—2 blades, shell celluloid, brass lined, German silver bolsters, 2¾ in., - - - per dozen $6.00
No. 1521P—2 blades, ivory celluloid, brass lined, German silver bolsters, 2¾ in., - - - per dozen 6.00
No. 1537P—2 blades, ebony celluloid, brass, lined, German silver bolsters, 2¾ in., - - - per dozen 6.00

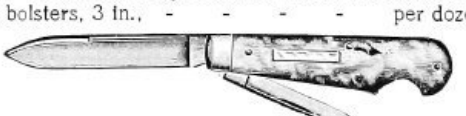
No. 1507P—2 blades, ivory celluloid, brass lined, German silver bolsters, 2⅝ in., - - - per dozen $6.00
No. 1508P—2 blades, shell celluloid, brass lined, German silver bolsters, 2⅝ in., - - - per dozen 6.00



No. 1526P—2 blades, shell celluloid, brass lined, German silver bolsters, 3⅛ in., - - - per dozen $6.00
No. 1527P—2 blades, ivory celluloid, brass lined, German silver bolsters, 3⅛ in., - - - per dozen 6.00
No. 1538P—2 blades, ebony celluloid, brass lined, German silver bolsters, 3⅛ in., - - - per dozen 6.00



No. 1522P—2 blades, shell celluloid, brass lined, German silver bolsters, 3 in., - - - - - per dozen $6.00
No. 1523P—2 blades, ivory celluloid, brass lined, German silver bolsters, 3 in., - - - - - per dozen 6.00



No. 1524P—2 blades, shell celluloid, brass lined, German silver bolsters, 3 in., - - - - - per dozen $6.00
No. 1525P—2 blades, ivory celluloid, brass lined, German silver bolsters, 3 in., - - - - - per dozen 6.00

HALF DOZEN IN A BOX.

POCKET KNIVES.

NEW YORK KNIFE CO'S, WARRANTED.

No. 1100N—1 blade, iron, 3½ in., - - per dozen $3.20

No. 1156N—1 blade, cocoa, iron lined, 3½ in., - per dozen $3.20

No. 1101N—1 blade, iron, 3½ in., - - per dozen $3.20

No. 2101N—2 blades, iron, 3⅝ in., - - per dozen $4.80

No. 226N.

Glazed.

No. 125N—1 blade, cocoa, iron lined, 3¼ in., - per dozen $2.00
No. 226N—2 blades, cocoa, iron lined, 3⅜ in., - " 3.20
No. 209N—2 blades, cocoa, iron lined, 3⅜ in., clip point, per dozen, - - - - - - - 3.20
No. 138N—1 blade, cocoa, iron lined, 3¾ in., - per dozen 4.15

No. 206N—2 blades, stag, iron lined, 3½ in., - per dozen $3.70

No. 2348N.

Glazed.

No. 2430N—2 blades, cocoa, iron lined, 3¼ in., per dozen $3.20
No. 2348N—2 blades, ebony, brass lined, 3¼ in., " 5.45

Crocus Polished.

No. 241N—2 blades, ebony, brass lined, 3⅛ in., - per dozen $7.20
HALF DOZEN IN A BOX.

No. 2451N.

Glazed.

No. 2450N—2 blades, cocoa, iron lined, 3½ in., per dozen $4.40
No. 2451N—2 blades, ebony, iron lined, 3½ in., " 4.55

Glazed.

No. 2456N—2 blades, ebony, iron lined, 3½ in., per dozen $4.85

No. 2755N.

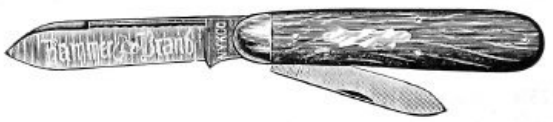
Large Blade Crocus Polished.

No. 2755N—2 blades, cocoa, iron lined, etched "Ranchero," 3½ in., - - - - - - - per dozen $4.80
No. 2965N—2 blades, cocoa, iron lined, etched "Rustler," 3⅝ in., - - - - - - - per dozen 6.40

No. 2743N.

Large Blade Crocus Polished.

No. 2742N—2 blades, cocoa, iron lined, etched "Rustler," 3⅝ in., - - - - - - - per dozen $6.80
No. 2743N—2 blades, ebony, iron lined, etched "Rustler," 3⅝ in., - - - - - - - per dozen 7.00
No. 2762N—2 blades, cocoa, iron lined, etched "Old Reliable," 3¾ in., - - - - - - per dozen 6.40
No. 2339N—2 blades, stag, brass lined, not etched, 3½ in., per dozen, - - - - - - - - - 7.20



Large Blade Crocus Polished.

No. 2294N—2 blades, cocoa, brass lined, 3⅝ in., per dozen $7.60
No. 2297N—2 blades, stag, brass lined, 3⅝ in., " 7.30

No. 30N—1 blade, Krag-Jorgensen cartridge, glazed blade, 3½ in., - - - - - - - per dozen $3.20
ONE DOZEN IN A BOX.

POCKET KNIVES.

NEW YORK KNIFE CO'S, WARRANTED.

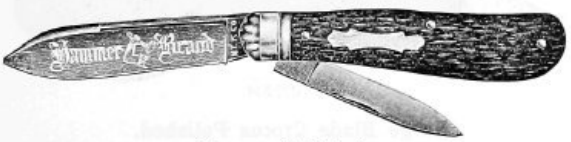
No. 2461N.

Large Blade Crocus Polished.

No. 2460N—2 blades, cocoa, iron lined, 3⅝ in., per dozen $5.20
No. 2461N—2 blades, ebony, iron lined, 3⅝ in., " 5.35

Crocus Polished.

No. 2785N—2 blades, cocoa, brass lined, 3¾ in., per dozen $7.30

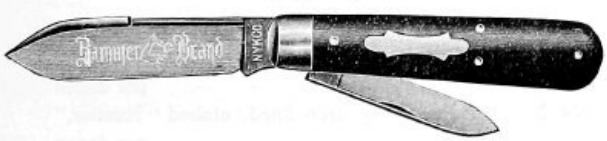


Crocus Polished.

No. 2783N—2 blades, stag, brass lined, 3¾ in., per dozen $7.30

Glazed.

No. 2413N—2 blades, cocoa, brass lined, 3⅞ in., per dozen $7.30



Large Blade Crocus Polished.

No. 22872N—2 blades, ebony, brass lined, 3⅞ in., per dozen $9.35

Large Blade Crocus Polished.

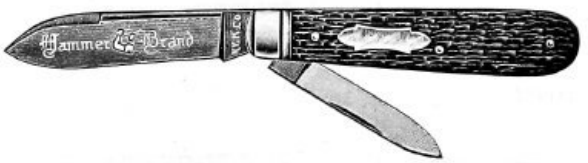
No. 275N—2 blades, cocoa, brass lined, extra heavy, 3⅞ in., per dozen, - - - - - - - - $9.60

No. 2449N.

Glazed.

No. 2449N—2 blades, stag, brass lined, 3½ in., clip point, per dozen, - - - - - - - - $6.80
No. 2444N—2 blades, stag, brass lined, 3½ in., spear point, per dozen, - - - - - - - - 6.80

HALF DOZEN IN A BOX.



Glazed.

No. 2816N—2 blades, stag, brass lined, 3¾ in., - per dozen $6.80

Glazed.

No. 248N—2 blades, ebony, brass lined, 3⅞ in., per dozen $7.30

Glazed.

No. 2109N—2 blades, ebony, brass lined, 3⅞ in., per dozen $8.70

No. 2225N.

Glazed.

No. 2222N—2 blades, cocoa, iron lined, 3½ in., per dozen $6.00
No. 2223N—2 blades, ebony, iron lined, 3½ in., " 6.15
No. 2225N—2 blades, stag, iron lined, 3½ in., " 6.40
No. 2334N—2 blades, white bone, brass lined, 3½ in., per dozen, - - - - - - - - - 8.80

No. 2333N.

No. 2358N—2 blades, ebony, brass lined, glazed, not etched, 3¼ in., - - - - - - per dozen $6.55
No. 2333N—2 blades, ebony, brass lined, large blade crocus polished, etched, 3½ in., - - - per dozen 7.60
No. 2335N—2 blades, stag, brass lined, large blade crocus polished, etched, 3½ in., - - - per dozen 8.40

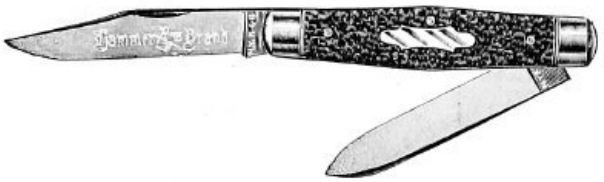
Crocus Polished.

No. 2664N—2 blades, stag, iron lined, 3⅝ in., - per dozen $7.15

HALF DOZEN IN A BOX.

POCKET KNIVES.

NEW YORK KNIFE CO'S, WARRANTED.



No. 2399N.

Crocus Polished.

No. 2397N—2 blades, cocoa, brass lined, 3⅝ in., per dozen $9.00
No. 2399N—2 blades, stag, brass lined, 3⅝ in., " 9.35

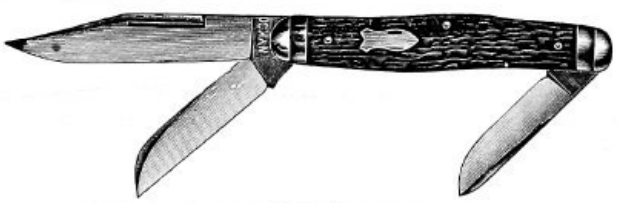
No. 3208N.

Large Blade Crocus Polished.

No. 3202N—3 blades, stag, brass lined, 3⅜ in., per dozen $12.80
No. 3206N—3 blades, ebony, brass lined, 3⅝ in., " 12.00
No. 3208N—3 blades, stag, brass lined, 3⅝ in., " 14.40

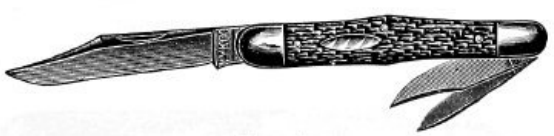
Large Blade Crocus Polished.

No. 3718N—3 blades, stag, brass lined, 3⅝ in., - per dozen $15.20



Glazed.

No. 3215N—3 blades, stag, brass lined, 4 in., - per dozen $12.80



Glazed.

No. 307N—3 blades, stag, brass lined, 3⅝ in., - per dozen $14.80

Large Blade Crocus Polished.

No. 4215N—4 blades, stag, rope milled German silver lining, 3⅞ in., - - - - - - per dozen $16.80

HALF DOZEN IN A BOX.

No. 2053N.

Large Blade Crocus Polished.

No. 2052N—2 blades, ebony, brass lined, 3⅛ in., per dozen $8.75
No. 2053N—2 blades, stag, brass lined, 3⅛ in., " 8.90

Large Blade Crocus Polished.

No. 242N—2 blades, ebony, brass lined, 3⅛ in., per dozen $8.00

No. 2299N.

Large Blade Crocus Polished.

No. 2288N—2 blades, stag, brass lined, 3⅛ in., per dozen $ 8.80
No. 2299N—2 blades, pearl, brass lined, 3⅛ in., " 15.20

No. 2301N.

Large Blade Crocus Polished.

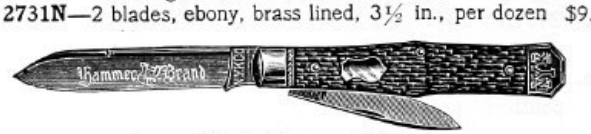
No. 2301N—2 blades, ebony, brass lined, 3½ in., per dozen $ 9.60
No. 2303N—2 blades, stag, brass lined, 3½ in., " 10.00

Large Blade Crocus Polished.

No. 2425N—2 blades, cocoa, brass lined, 3½ in., per dozen $9.20

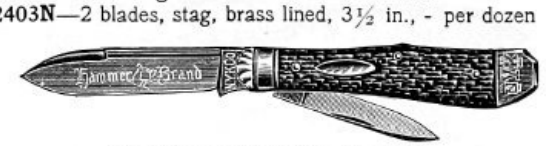
Large Blade Crocus Polished.

No. 2731N—2 blades, ebony, brass lined, 3½ in., per dozen $9.35



Large Blade Crocus Polished.

No. 2403N—2 blades, stag, brass lined, 3½ in., - per dozen $9.60



Large Blade Crocus Polished.

No. 2738N—2 blades, stag, brass lined, 3½ in., - per dozen $10.00

Large Blade Crocus Polished.

No. 2434N—2 blades, stag, brass lined, 3½ in., - per dozen $10.00

HALF DOZEN IN A BOX.

POCKET KNIVES.

NEW YORK KNIFE CO'S, WARRANTED.

Large Blade Crocus Polished.

No. 2672N—2 blades, cocoa, iron lined, 3⅝ in., per dozen $7.20

No. 2369N.

Large Blade Crocus Polished.

No. 2369N—2 blades, ebony, brass lined, 3⅜ in., per dozen $8.00
No. 2370N—2 blades, stag, brass lined, 3⅜ in., " 8.40

Large Blade Crocus Polished.

No. 2705N—2 blades, cocoa, brass lined, 3½ in., per dozen $9.20

No. 2602N.

Large Blade Crocus Polished.

No. 2601N—2 blades, cocoa, brass lined, 3⅝ in., per dozen $9.60
No. 2602N—2 blades, ebony, brass lined, 3⅝ in., " 9.75

No. 2535N.

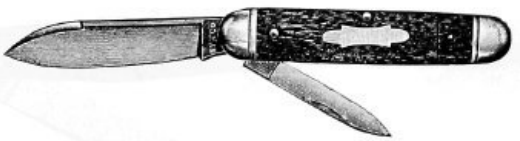
No. 2636N—2 blades, ebony, iron lined, glazed, spear point, 3½ in., - - - - - - per dozen $ 7.20
No. 2431N—2 blades, cocoa, brass lined, large blade crocus polished, clip point, 3½ in., - - - per dozen 9.60
No. 2535N—2 blades, cocoa, brass lined, large blade crocus polished, spear point, 3¾ in., - - per dozen 10.00

No. 2628N.

Glazed.

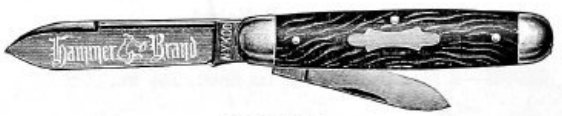
No. 2625N—2 blades, cocoa, iron lined, 3½ in., per dozen $6.25
No. 2628N—2 blades, stag, iron lined, 3½ in., " 6.60
No. 228N—2 blades, cocoa, iron lined, 3⅝ in., " 6.85
No. 2420N—2 blades, cocoa, brass lined, 3¼ in., " 6.40
No. 2525N—2 blades, cocoa, brass lined, 3½ in., " 8.80
No. 2526N—2 blades, ebony, brass lined, 3½ in., " 8.95
No. 2528N—2 blades, stag, brass lined, 3½ in., " 9.20

HALF DOZEN IN A BOX.



Glazed.

No. 2423N—2 blades, stag, brass lined, 3¼ in., - per dozen $6.55



No. 2205N.

Large Blade Crocus Polished.

No. 2205N—2 blades, cocoa, brass lined, 3⅝ in., per dozen $8.80
No. 2208N—2 blades, stag, brass lined, 3⅝ in., " 9.20

No. 2928N.

Large Blade Crocus Polished.

No. 2925N—2 blades, cocoa, brass lined, 3½ in., per dozen $7.30
No. 2928N—2 blades, stag, brass lined, 3½ in., " 7.30

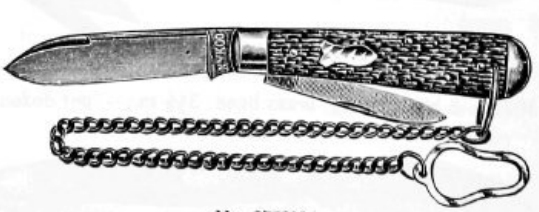
No. 2813N.

Large Blade Crocus Polished.

No. 2811N—2 blades, ebony, brass lined, 3⅝ in., per dozen $10.40
No. 2813N—2 blades, stag, brass lined, 3⅝ in., " 10.75

Large Blade Crocus Polished.

No. 2133N—2 blades, stag, brass lined, 3½ in., - per dozen $10.40



No. 2759N.

Large Blade Crocus Polished.

No. 2749N—2 blades, cocoa, iron lined, 3½ in., 18 in. nickel plated chain, - - - - - per dozen $6.50
No. 2759N—2 blades, stag, iron lined, 3½ in., 18 in. nickel plated chain, - - - - - per dozen 6.90

HALF DOZEN IN A BOX.

POCKET KNIVES.

NEW YORK KNIFE CO'S, WARRANTED.

No. 3447N.

Crocus Polished.

No. 3447N—3 blades, stag, brass lined, 3½ in., - per dozen $15.20
No. 3449N—3 blades, pearl, brass lined, 3½ in., - " 24.30

No. 3157N.

Crocus Polished.

No. 3154N—3 blades, stag, rope milled brass lining, 3⅛ in., per dozen, - - - - - - - $14.15
No. 3157N—3 blades, pearl, rope milled brass lining, 3⅛ in., per dozen, - - - - - - - - 20.30

Crocus Polished.

No. 3917N—3 blades, pearl, brass lined, 3 in., - per dozen $18.25

Crocus Polished.

No. 3081N—3 blades, pearl, brass lined, 3⅛ in., per dozen $21.50

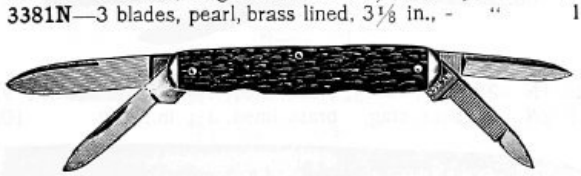
Crocus Polished.

No. 304N—3 blades, pearl, brass lined, 2⅞ in., - per dozen $17.00

No. 3381N.

Crocus Polished.

No. 3378N—3 blades, stag, brass lined, 3⅛ in., - per dozen $12.00
No. 3381N—3 blades, pearl, brass lined, 3⅛ in., - " 18.20



No. 4415N.

Crocus Polished.

No. 4415N—4 blades, stag, rope milled brass lining, 3⅛ in., per dozen, - - - - - - - $13.95
No. 4417N—4 blades, pearl, rope milled brass lining, 3⅛ in., per dozen, - - - - - - - 23.70

HALF DOZEN IN A BOX.

No. 4057N.

Crocus Polished.

No. 4054N—4 blades, stag, rope milled brass lining, 3⅛ in., per dozen, - - - - - - - $16.00
No. 4037N—4 blades, pearl, rope milled brass lining, 2¾ in., per dozen, - - - - - - - 19.40
No. 4057N—4 blades, pearl, rope milled brass lining, 3⅛ in., per dozen, - - - - - - - 22.70

Crocus Polished.

No. 4360N—4 blades, pearl, brass lined, 3 in., - per dozen $20.25

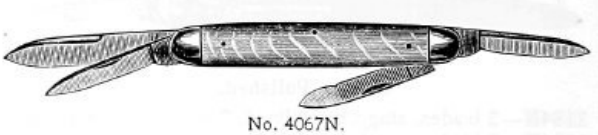
No. 4167N.

Crocus Polished.

No. 4164N—4 blades, stag, rope milled brass lining, 3⅜ in., per dozen, - - - - - - - $14.80
No. 4167N—4 blades, pearl, rope milled brass lining, 3⅜ in., per dozen - - - - - - - 21.60

Crocus Polished.

No. 408N—4 blades, pearl, rope milled German silver lining, 3 in., - - - - - - - per dozen $25.50



No. 4067N.

Crocus Polished.

No. 405N—4 blades, pearl, brass lined, 3⅛ in., per dozen $19.00
No. 4067N—4 blades, pearl, brass lined, 3⅜ in., " 21.80

No. 4772N.

Crocus Polished.

No. 4771N—4 blades, pearl, German silver lined, aluminum bolsters, 2⅞ in., - - - - - per dozen $17.00
No. 4772N—4 blades, pearl, German silver lined, aluminum bolsters, 3⅛ in., - - - - per dozen 18.20

HALF DOZEN IN A BOX.

POCKET KNIVES.

NEW YORK KNIFE CO'S, WARRANTED.

Crocus Polished.

No. 2200N—2 blades, stag, brass lined, 3 in., - per dozen $6.70

No. 291N.

Glazed.

No. 291N—2 blades, stag, brass lined, 3 in., - per dozen $7.20
No. 2846N—2 blades, stag, iron lined, 3⅜ in., - " 7.20

No. 2001N.

Glazed.

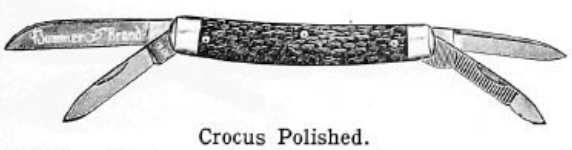
No. 2001N—2 blades, ebony, brass lined, 3¼ in., per dozen $6.55
No. 2002N—2 blades, stag, brass lined, 3¼ in., " 6.55

Glazed.

No. 2847N—2 blades, stag, iron lined, 3½ in., - per dozen $6.80

Crocus Polished.

No. 4999N—4 blades, stag, brass lined, 3⅜ in., - per dozen $12.80



Crocus Polished.

No. 4200N—4 blades, stag, brass lined, 3 in., - per dozen $10.95

No. 2184N.

Crocus Polished.

No. 2184N—2 blades, stag, brass lined, 3 in., - per dozen $ 7.30
No. 2186N—2 blades, pearl, brass lined, 3 in., - " 14.60

No. 2354N.

Crocus Polished.

No. 2351N—2 blades, cocoa, brass lined, 3⅜ in., per dozen $ 7.30
No. 2352N—2 blades, buffalo, brass lined, 3⅜ in., " 7.30
No. 2354N—2 blades, stag, brass lined, 3⅜ in., " 7.30
No. 2353N—2 blades, pearl, brass lined, 3⅜ in., " 14.25

Glazed.

No. 2045N—2 blades, stag, brass lined, 3¼ in., - per dozen $6.80

HALF DOZEN IN A BOX.

No. 2659N.

Crocus Polished.

No. 2658N—2 blades, buffalo, brass lined, 3 in., - per dozen $ 7.05
No. 2659N—2 blades, stag, brass lined, 3 in., - " 7.05
No. 2656N—2 blades, pearl, brass lined, 3 in., - " 12.15

No. 219½N.

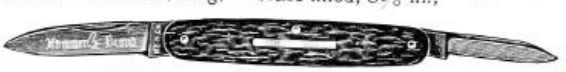
Glazed.

No. 219N —2 blades, cocoa, brass lined, 3⅜ in., per dozen $6.80
No. 220N —2 blades, buffalo, brass lined, 3⅜ in., " 7.05
No. 219½N—2 blades, stag, brass lined, 3⅜ in., " 7.05

No. 2022N.

Large Blade Crocus Polished.

No. 2621N—2 blades, buffalo, brass lined, 3⅜ in., per dozen $8.80
No. 2022N—2 blades, stag, brass lined, 3⅜ in., " 8.65



No. 2393N.

Crocus Polished.

No. 2393N—2 blades, stag, brass lined, 3 in., - per dozen $ 7.05
No. 2390N—2 blades, pearl, brass lined, 3 in., - " 14.60

No. 2167N.

No. 2355N—2 blades, stag, brass lined, 3¼ in., per dozen $ 8.75
No. 2164N—2 blades, stag, brass lined, 3⅜ in., " 9.20
No. 2382N—2 blades, pearl, brass lined, 3⅛ in., " 14.60
No. 2167N—2 blades, pearl, brass lined, 3⅜ in., " 17.00

No. 2355N, glazed; balance, crocus polished.

Glazed.

No. 2115N—2 blades, stag, brass lined, 3⅛ in., - per dozen $7.30

No. 263N.

Crocus Polished.

No. 260N—2 blades, ebony, German silver lined, 3¼ in., per dozen, - - - - - - - $10.00
No. 261N—2 blades, stag, brass lined, 3¼ in., - per dozen 10.80
No. 263N—2 blades, pearl, brass lined, 3¼ in., - " 20.20

No. 2522N.

Crocus Polished.

No. 2521N—2 blades, ebony, brass lined, 3¼ in., per dozen $ 9.60
No. 2522N—2 blades, stag, brass lined, 3¼ in., " 10.00

No. 2543N.

Crocus Polished.

No. 2540N—2 blades, ebony, brass lined, 3¾ in., per dozen $10.80
No. 2542N—2 blades, stag, brass lined, 3¾ in., " 11.20
No. 2543N—2 blades, pearl, brass lined, 3¾ in., " 26.60

HALF DOZEN IN A BOX.

POCKET KNIVES.

NEW YORK KNIFE CO'S, WARRANTED.

No. 195N.

No. 192N—1 blade, buffalo, brass lined, 2½ in., - per dozen $4.10
No. 193N—1 blade, ivory, brass lined, 2½ in., - " 4.70
No. 195N—1 blade, pearl, brass lined, 2½ in., - " 8.10

Crocus Polished.

No. 2010N—2 blades, pearl, brass lined, 2⅝ in., per dozen $11.00

Crocus Polished.

No. 2080N—2 blades, pearl, brass lined, 2¾ in., per dozen $11.80

Glazed.

No. 294N—2 blades, genuine tortoise shell, brass lined, 2⅞ in., - - - - - - per dozen $10.10

No. 2395N.

Crocus Polished.

No. 2312N—2 blades, stag, brass lined, 2⅞ in., - per dozen $ 8.40
No. 2395N—2 blades, pearl, brass lined, 2¾ in., - " 11.00
No. 2265N—2 blades, pearl, brass lined, 2⅞ in., - " 12.50

No. 2771N.

Crocus Polished.

No. 2771N—2 blades, pearl, German silver lined, fancy bolsters, 2¾ in., - - - - - per dozen $11.75
No. 2767N—2 blades, smoked pearl, German silver lined, fancy bolsters, 2¾ in., - - - - per dozen 11.75

Crocus Polished.

No. 2895N—2 blades, aluminum, 2⅝ in., - per dozen $6.50

Crocus Polished.

No. 2139N—2 blades, stag, brass lined, 2¾ in., - per dozen $7.70

HALF DOZEN IN A BOX.

Crocus Polished.

No. 218N—2 blades, pearl, brass lined, 3 in., - per dozen $12.15

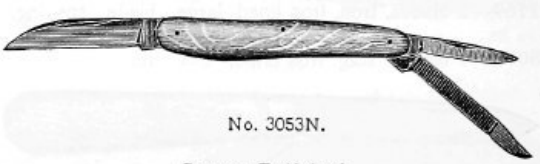
No. 2307N.

Crocus Polished.

No. 2991N—2 blades, pearl, brass lined, 2⅝ in., per dozen $11.75
No. 2307N—2 blades, pearl, brass lined, 3⅛ in., " 17.00

Crocus Polished.

No. 253N—2 blades, pearl, brass lined, 2⅞ in., - per dozen $15.00



No. 3053N.

Crocus Polished.

No. 3051N—3 blades, stag, rope milled brass lining, 2⅞ in., per dozen, - - - - - - - $14.40
No. 3053N—3 blades, pearl, rope milled brass lining, 2⅞ in., per dozen, - - - - - - - 21.00

Crocus Polished.

No. 3356N—3 blades, pearl, brass lined, 3 in., - per dozen $14.60

No. 3112N.

Crocus Polished.

No. 3112N—3 blades, stag, brass lined, 3⅛ in., per dozen $12.80
No. 3092N—3 blades, pearl, brass lined, 3⅛ in., " 19.00

Crocus Polished.

No. 3995N—3 blades, pearl, brass lined, 2⅝ in., per dozen $15.80

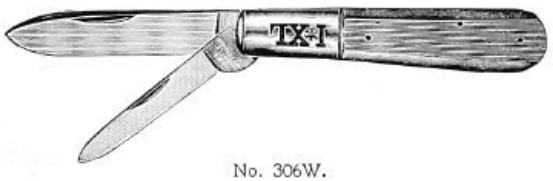
Crocus Polished.

No. 3078N—3 blades, stag, brass lined, 3⅛ in., - per dozen $13.10

HALF DOZEN IN A BOX.

POCKET KNIVES.

GEORGE WOSTENHOLM & SON'S.



No. 306W.

No. 305W—1 blade, bone, iron lined, 3¼ in., - per dozen $3.60
No. 306W—2 blades, bone, iron lined, 3¼ in., - " 5.65

No. 8019.

No. 50—1 blade, iron, 3⅛ in., - - per dozen $2.20
No. 8018—1 blade, iron, iron lined, 3⅜ in., " 4.50
No. 13786—1 blade, speying, iron, 3⅜ in., - " 4.50
No. 8019—2 blades, iron, iron lined, 3⅜ in., " 8.15
No. 7967—2 blades, iron, iron lined, large blade sheep foot, 3⅜ in., - - - - - - per dozen 8.15
No. 11169—2 blades, iron, iron lined, large blade speying, 3⅜ in., - - - - - - per dozen 8.15
No. 8094—1 blade, stag, iron lined, 3⅞ in., " 9.50

No. 6983.

Glazed.

No. 6983—2 blades, cocoa, iron lined, 3⅜ in., - per dozen $ 9.20
No. 6982—2 blades, ebony, iron lined, 3⅜ in., - " 8.75
No. 6984—2 blades, stag, iron lined, 3⅜ in., - " 9.00
No. 6993—2 blades, cocoa, brass lined, 3⅜ in., - " 9.80
No. 6992—2 blades, ebony, brass lined, 3⅜ in., - " 9.80
No. 6994—2 blades, stag, brass lined, 3⅜ in., - " 10.80

No. 7003.

Glazed.

No. 13769—1 blade, ebony, brass lined, 3⅞ in., per dozen $ 9.55
No. 7013—2 blades, stag, iron lined, 3⅝ in., " 8.60
No. 6999—2 blades, cocoa, iron lined, 3⅝ in., " 9.70
No. 6998—2 blades, ebony, iron lined, 3⅝ in., " 9.70
No. 7030—2 blades, ebony, brass lined, 3⅝ in., " 10.05
No. 7001—2 blades, stag, iron lined, 3⅝ in., " 10.50
No. 7003—2 blades, cocoa, brass lined, 3⅝ in., " 10.40
No. 7002—2 blades, ebony, brass lined, 3⅝ in., " 10.40
No. 7005—2 blades, stag, brass lined, 3⅝ in., " 11.50

No. 2004.

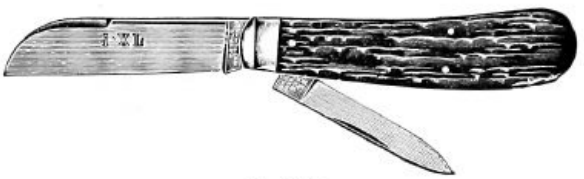
Glazed.

No. 2004—2 blades, ebony, iron lined, 3⅝ in., - per dozen $ 9.70
No. 2038—2 blades, stag, iron lined, 3⅝ in., - " 11.20

HALF DOZEN IN A BOX.

Crocus Polished.

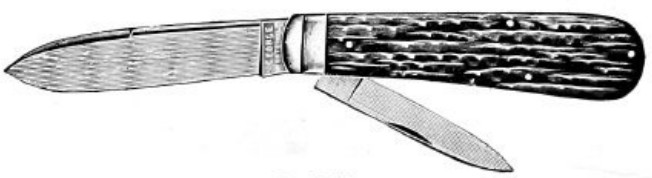
No. 12056—2 blades, buffalo, brass lined, 3⅛ in., per dozen $11.60



No. 6974.

Glazed.

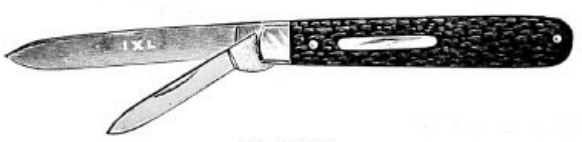
No. 6920—2 blades, stag, iron lined, 3⅜ in., - per dozen $10.05
No. 6926—2 blades, stag, iron lined, 3⅝ in., - " 10.45
No. 6974—2 blades, stag, iron lined, 3⅞ in., - " 11.20



No. 7042.

Glazed.

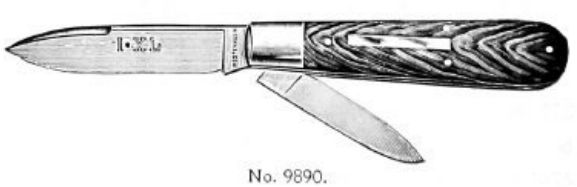
No. 7033—2 blades, stag, iron lined, 3⅝ in., - per dozen $10.50
No. 13937—2 blades, stag, iron lined, 3⅞ in., - " 11.20
No. 7042—2 blades, stag, iron lined, 4⅛ in., - " 11.75



No. 17002.

Crocus Polished.

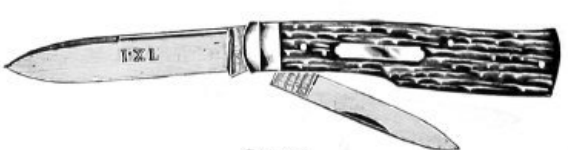
No. 17002—2 blades, stag, brass lined, 3⅝ in., - per dozen $11.75
No. 7227—2 blades, stag, brass lined, 4⅛ in., - " 15.55



No. 9890.

Crocus Polished.

No. 9890—2 blades, cocoa, brass lined, 3¾ in., per dozen $11.75
No. 8926—2 blades, buffalo, brass lined, 3¾ in., " 12.00
No. 9891—2 blades, white bone, brass lined, 3¾ in., per dozen, - - - - - - - - 12.00



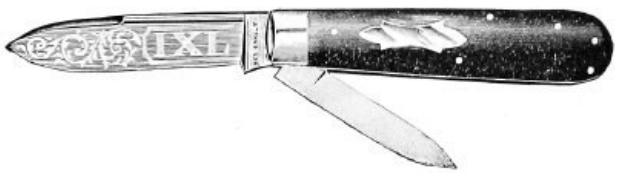
Glazed.

No. 7096—2 blades, stag, brass lined, 3⅝ in., - per dozen $11.75

HALF DOZEN IN A BOX.

POCKET KNIVES.

GEORGE WOSTENHOLM & SON'S.



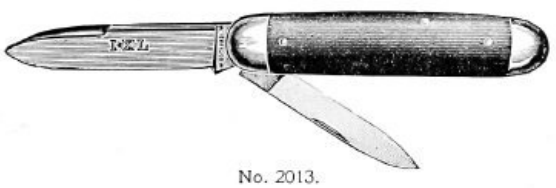
No. 16148.

Glazed.

No. 16145—2 blades, cocoa, brass lined, 3⅞ in., per dozen $11.60
No. 16148—2 blades, ebony, brass lined, 3⅞ in., " 11.75
No. 16485—2 blades, stag, brass lined, crocus polished, 3⅞ in., - - - - - - per dozen 17.35

Crocus Polished.

No. 13575—2 blades, buffalo, brass lined, 3 in., - per dozen $11.60



No. 2013.

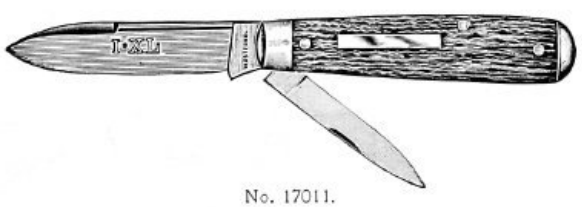
Glazed.

No. 2013—2 blades, ebony, brass lined, 3⅝ in., - per dozen $11.90
No. 2040—2 blades, stag, iron lined, 3⅝ in., - " 11.50

No. 2043.

Glazed.

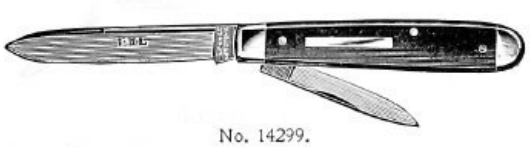
No. 2033—2 blades, ebony, brass lined, 3⅝ in., - per dozen $12.00
No. 2043—2 blades, stag, brass lined, 3⅝ in., - " 12.75



No. 17011.

Glazed.

No. 14126—2 blades, cocoa, brass lined, 3⅝ in., per dozen $15.45
No. 12044—2 blades, buffalo, brass lined, 3⅝ in., " 15.70
No. 17011—2 blades, stag, brass lined, 3⅝ in., " 15.45

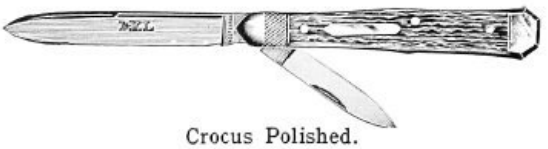


No. 14299.

Crocus Polished.

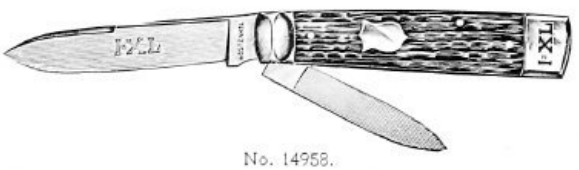
No. 14299—2 blades, buffalo, brass lined, 3⅜ in., per dozen $ 9.50
No. 17003—2 blades, stag, brass lined, 3⅜ in., " 11.75

HALF DOZEN IN A BOX.



Crocus Polished.

No. 17095—2 blades, stag, brass lined, 3½ in., - per dozen $18.00



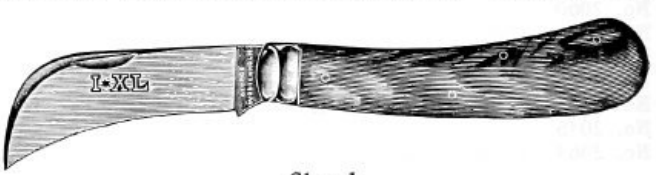
No. 14958.

No. 17009—2 blades, stag, iron lined, 3⅝ in., - per dozen $12.00
No. 14958—2 blades, stag, iron lined, crocus polished, 3⅝ in., - - - - - - per dozen 17.12

Glazed.

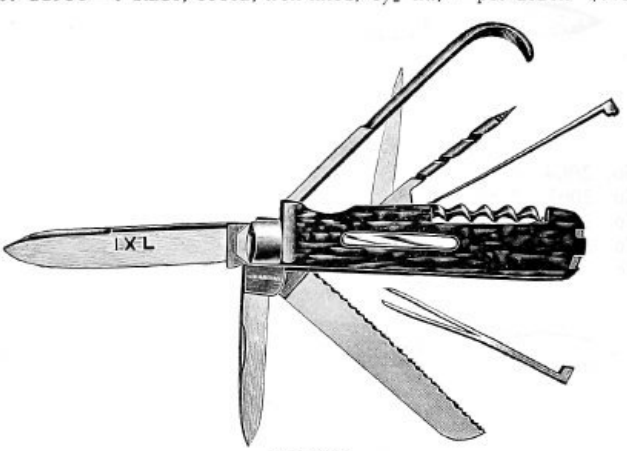
No. 14151—1 blade, iron, 3¾ in., - - per dozen $7.00

No. 11270—1 blade, cocoa, iron lined, 3⅝ in., - per dozen $7.85



Glazed.

No. 11950—1 blade, cocoa, iron lined, 4½ in., - per dozen $9.60



No. 7577.

Sportsmen's, Stag, Iron Lined.

No. 13950—3 blades, 6 tools, 3⅝ in., "IXL," - per dozen $29.25
No. 2998—4 blades, 9 tools, 3⅝ in., German make, per dozen, - - - - - - - - - 28.80
No. 7577—4 blades, 9 tools, 3⅝ in., "IXL," - per dozen 38.75

HALF DOZEN IN A BOX.

POCKET KNIVES.

GEORGE WOSTENHOLM & SON'S.

No. 2153.

Glazed.

No. 2153—2 blades, stag, brass lined, 3⅛ in., - per dozen $ 9.70
No. 2154—2 blades, stag, brass lined, 3⅜ in., - " 11.00
No. 2156—2 blades, stag, brass lined, 4 in., - " 12.50

No. 2160.

Glazed.

No. 2160—4 blades, stag, brass lined, 3½ in., - per dozen $18.00
No. 2161—4 blades, stag, brass lined, 3¾ in., - " 19.00
No. 2162—4 blades, stag, brass lined, 4 in., - " 20.00

No. 2061.

Crocus Polished.

No. 2079—2 blades, buffalo, brass lined, 3⅛ in., per dozen $10.10
No. 2058—2 blades, ivory, brass lined, 3⅛ in., " 10.05
No. 2059—2 blades, stag, brass lined, 3⅛ in., " 10.05
No. 2094—2 blades, pearl, brass lined, 3⅛ in., " 17.30
No. 2017—2 blades, buffalo, brass lined, 3¼ in., " 10.45
No. 2018—2 blades, ivory, brass lined, 3¼ in., " 10.45
No. 2060—2 blades, stag, brass lined, 3¼ in., " 10.45
No. 2044—2 blades, pearl, brass lined, 3¼ in., " 18.65
No. 2020—3 blades, buffalo, brass lined, 3¼ in., " 13.60
No. 2015—3 blades, ivory, brass lined, 3¼ in., " 13.60
No. 2061—3 blades, stag, brass lined, 3¼ in., " 13.60
No. 2045—3 blades, pearl, brass lined, 3¼ in., " 21.85
No. 2063—4 blades, stag, brass lined, 3⅜ in., " 18.30

No. 2069.

Crocus Polished.

No. 2064—2 blades, stag, brass lined, 3⅜ in., - per dozen $11.60
No. 2067—2 blades, ivory, brass lined, 3⅜ in., - " 11.60
No. 2065—3 blades, stag, brass lined, 3⅜ in., - " 17.45
No. 2069—3 blades, ivory, brass lined, 3⅜ in., - " 17.45
No. 2070—3 blades, pearl, brass lined, 3⅜ in., - " 24.50

No. 2144.

Crocus Polished.

No. 2141—2 blades, stag, brass lined, 3 in., - per dozen $11.70
No. 2195—2 blades, pearl, brass lined, 3 in., - " 19.25
No. 2143—3 blades, stag, brass lined, 3 in., - " 18.10
No. 2145—4 blades, stag, brass lined, 3 in., - " 19.25
No. 2144—3 blades, stag, brass lined, 3⅜ in., - " 18.80

HALF DOZEN IN A BOX.

Crocus Polished.

No. 2074—4 blades, stag, brass lined, 3⅜ in., - per dozen $18.65

Crocus Polished.

No. 14684—3 blades, ivory, brass lined, 3⅛ in., - per dozen $21.00

Crocus Polished.

No. 2122—3 blades, pearl, brass lined, 3 in., - per dozen $23.50

No. 14364.

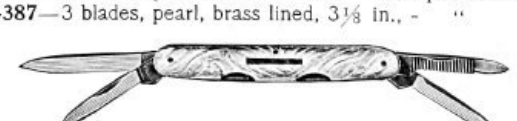
Crocus Polished.

No. 14360—3 blades, stag, brass lined, 2⅞ in., - per dozen $22.00
No. 14364—3 blades, pearl, brass lined, 2⅞ in., - " 25.50

No. 14387.

Crocus Polished.

No. 2197—3 blades, pearl, brass lined, 3 in., - per dozen $23.80
No. 14387—3 blades, pearl, brass lined, 3⅛ in., - " 26.50



Crocus Polished.

No. 16042—4 blades, pearl, rope milled brass lining, 3 in., per dozen, - - - - - - - $29.60

Crocus Polished.

No. 14284—4 blades, fine pearl, brass lined, 3⅝ in., per dozen, - - - - - - - - $42.00

No. 14392.

Crocus Polished.

No. 14392—4 blades, stag, brass lined, 3⅛ in., - per dozen $24.90
No. 2199—4 blades, pearl, brass lined, 3 in., - " 25.50
No. 2210—4 blades, stag, brass lined, 3½ in., - " 26.00
No. 2216—4 blades, pearl, brass lined, 3½ in., - " 27.50

HALF DOZEN IN A BOX.

POCKET KNIVES.

GEORGE WOSTENHOLM & SON'S.

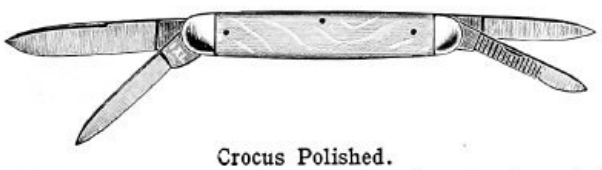
Crocus Polished.

No. 14421—4 blades, genuine tortoise shell, brass lined, 3½ in., - - - - - - - - per dozen $30.60

No. 16580.

Crocus Polished.

No. 16711—3 blades, pearl, brass lined, 3 in., - per dozen $21.50
No. 16580—4 blades, pearl, brass lined, 3 in., - " 22.75



Crocus Polished.

No. 16573—4 blades, pearl, brass lined, 3⅜ in., per dozen $25.00

No. 7940.

No. 16692—1 blade, budding or office knife, ivory, 3½ in., per dozen, - - - - - - - - $10.50
No. 7940—1 blade, budding or office knife, ivory, 3⅞ in., per dozen, - - - - - - - 11.70

Crocus Polished.

No. 12825—1 blade, ivory, brass lined, 3⅜ in., - per dozen $10.90

No. 16584—2 blades, ivory, brass lined, 3¾ in., - per dozen $16.50

No. 7691—1 blade, buffalo, brass lined, ivory budder, 4⅞ in., per dozen, - - - - - - - - - $10.80

Glazed.

No. 2136—2 blades, stag, brass lined, 3 in., - per dozen $11.15

No. 17021—3 blades, stag, brass lined, 3½ in., - per dozen $17.90

HALF DOZEN IN A BOX.

No. 17023.

No. 15251—3 blades, white bone, brass lined, crocus polished, 3⅜ in., - - - - - - per dozen $19.20
No. 17023—3 blades, stag, brass lined, glazed, 3⅜ in., per dozen, - - - - - - - - - 19.50
No. 13401—3 blades, pearl, brass lined, crocus polished, 3 in., per dozen, - - - - - - - - - 25.75

Glazed.

No. 2055—3 blades, stag, brass lined, 3⅝ in., - per dozen $18.10

No. 2054.

No. 2053—3 blades, stag, iron lined, 3¾ in., - per dozen $20.95
No. 2054—3 blades, stag, brass lined, 3¾ in., - " 21.65
No. 16551—3 blades, stag, brass lined, 3⅜ in., - " 21.25
No. 16227—3 blades, buffalo, brass lined, crocus polished, etched, 3¾ in., - - - - - per dozen 21.80
No. 16228—3 blades, stag, brass lined, crocus polished, etched, 3¾ in., - - - - - per dozen 24.40
No. 16229—3 blades, pearl, brass lined, crocus polished, etched, 3¾ in., - - - - - per dozen 33.00

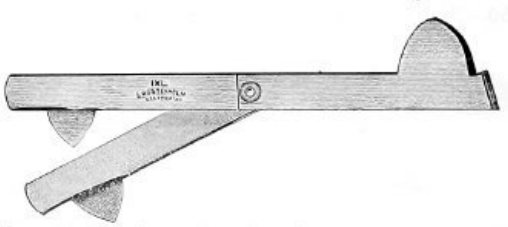
Glazed.

No. 2225—4 blades, stag, brass lined, 4 in., - per dozen $23.50

No. 15711.

Crocus Polished.

No. 15711—3 blades, with corkscrew, ivory, brass lined, 3⅝ in., - - - - - - - per dozen $36.00
No. 15713—3 blades, with corkscrew, pearl, brass lined, 3⅝ in., - - - - - - - per dozen 40.00



No. 5166—2 blades, fleam, brass handle, 3 in., - per dozen $4.80
No. 5167—3 blades, fleam, brass handle, 3 in., - " 6.60

HALF DOZEN IN A BOX.

POCKET KNIVES.

No. 0217.

No. 0217—1 blade, nickel handle, 2⅝ in., - per dozen $0.40
No. 0218—2 blades, nickel handle, 2⅝ in., - " .80

No. 3000.

No. 3000—1 blade, cocoa, iron lined, 2¾ in., - per dozen $0.55
No. 3001—1 blade, cocoa, iron lined, 2¾ in., single bolster, per dozen, - - - - - - - - .70

No. 011.

Glazed.

No. 010—1 blade, scored ebony, iron lined, 2⅝ in., per dozen, - - - - - - - - $0.55
No. 011—2 blades, scored ebony, iron lined, 2⅝ in., per dozen, - - - - - - - - 1.00

Glazed.

No. 0356—1 blade, cocoa, iron lined, 2¾ in., - per dozen $1.20

Glazed.

No. 0210—2 blades, ebony, iron lined, 2⅞ in., - per dozen $1.60

No. 0686.

Glazed.

No. 0687—2 blades, cocoa, iron lined, 3¼ in., - per dozen $1.40
No. 0686—2 blades, ebony, iron lined, 3¼ in., - " 1.40

Glazed.

No. 0850—2 blades, iron, 3⅞ in., - - per dozen $2.70

Glazed.

No. 0235—2 blades, white bone, iron lined, 3⅜ in., per dozen, - - - - - - - - $2.45

HALF DOZEN IN A BOX.

Glazed.

No. 0824—2 blades, stag, brass lined, 3⅝ in., - per dozen $3.20

No. 1622.

Crocus Polished.

No. 1622—2 blades, buffalo, brass lined, 3⅞ in., per dozen $ 6.90
No. 1632—2 blades, stag, brass lined, 3⅞ in., " 6.90
No. 1662—2 blades, pearl, brass lined, 3⅞ in., " 14.60

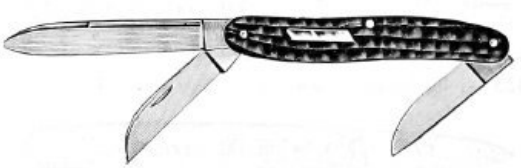
Glazed.

No. 0599—1 blade, iron, 3⅜ in., - - per dozen $1.20

No. 0682.

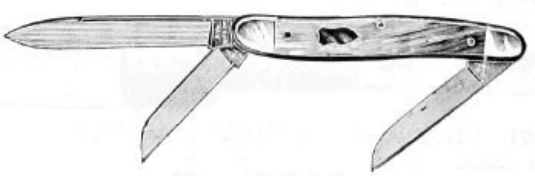
Glazed.

No. 0682—2 blades, buffalo, brass lined, 3⅜ in., per dozen $3.25
No. 0681—2 blades, stag, brass lined, 3⅜ in., " 3.25



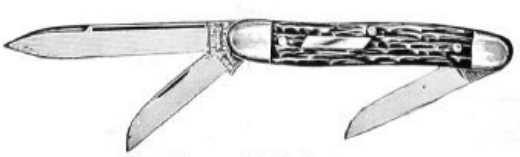
Crocus Polished.

No. 0528—3 blades, stag, brass lined, 3¼ in., - per dozen $6.50



Crocus Polished.

No. 0529—3 blades, buffalo, brass lined, 3⅜ in., - per dozen $7.30

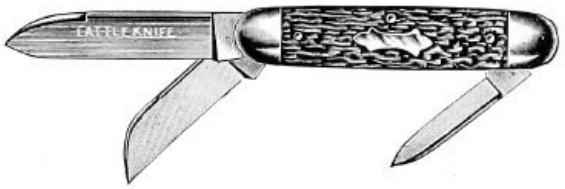


Crocus Polished.

No. 0530—3 blades, stag, brass lined, 3⅜ in., - per dozen $7.30

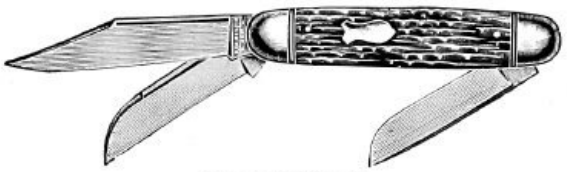
HALF DOZEN IN A BOX.

POCKET KNIVES.



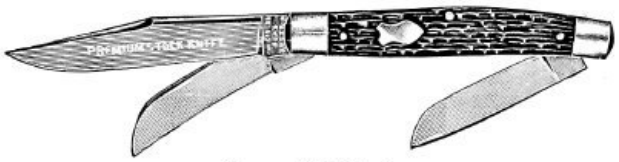
Glazed.

No. 0469—3 blades, stag, brass lined, 3⅝ in., - per dozen $6.50



Crocus Polished.

No. 0531—3 blades, stag, brass lined, 3⅝ in., - per dozen $11.35



Crocus Polished.

No. 0532—3 blades, stag, brass lined, 3⅞ in., - per dozen $11.35

Crocus Polished.

No. 0533—2 blades, pearl, brass lined, 2 in., - per dozen $4.85

Crocus Polished.

No. 0675—2 blades, pearl, brass lined, 2¾ in., - per dozen $3.20

Crocus Polished.

No. 1502—2 blades, pearl, brass lined, 3 in., - per dozen $4.20

Crocus Polished.

No. 0409—2 blades, pearl, brass lined, 2½ in., - per dozen $3.20

No. 0676.

No. 0676—2 blades, pearl, brass lined, 2½ in., - per dozen $3.20
No. 0677—2 blades, pearl, brass lined, 2½ in., - " 3.20

Crocus Polished.

No. 0678—2 blades, pearl, brass lined, 2¾ in., - per dozen $3.20

Crocus Polished.

No. 0239—2 blades, pearl, brass lined, 2⅝ in., - per dozen $2.45

HALF DOZEN IN A BOX.

Crocus Polished.

No. 0703—3 blades, pearl, brass lined, 2½ in., - per dozen $6.10

Crocus Polished.

No. 0401—4 blades, pearl, brass lined, 2⅞ in., - per dozen $4.45

Crocus Polished.

No. 0479—4 blades, pearl, brass lined, 3 in., - per dozen $4.45

No. 0743.

Crocus Polished.

No. 0743—4 blades, pearl, brass lined, 3⅛ in., - per dozen $10.95
No. 0774—3 blades, pearl, brass lined, 3 in., - " 11.35

Crocus Polished.

No. 0509—2 blades, pearl, brass lined, 3 in., - per dozen $12.15

Crocus Polished.

No. 0508—2 blades, pearl, German silver lined, 2⅞ in., per dozen, - - - - - - - - $11.35

Crocus Polished.

No. 0513—2 blades, pearl, brass lined, 3 in., - per dozen $12.15

Crocus Polished.

No. 0822—2 blades, pearl, brass lined, 3½ in., - per dozen $7.30

No. 0812.

Crocus Polished.

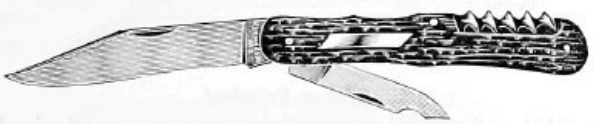
No. 0821—2 blades, pearl, brass lined, 3½ in., - per dozen $ 7.30
No. 0812—2 blades, pearl, brass lined, 3½ in., - " 10.95
No. 0759—3 blades, pearl, brass lined, 3 in., - " 6.50
No. 0760—4 blades, pearl, brass lined, 3⅛ in., - " 6.50

HALF DOZEN IN A BOX.

POCKET KNIVES.

Glazed.

No. 0864—1 blade, with cork screw and cigar cutter, nickel, 3⅝ in., - - - - - - per dozen $2.60

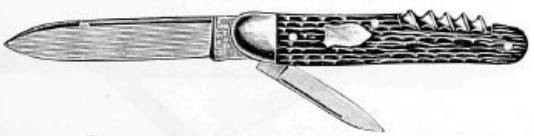


No. 0737.

Crocus Polished.

No. 0736—2 blades, with cork screw, stag, brass lined, 3⅞ in., - - - - - - per dozen $7.30

No. 0737—2 blades, with cork screw, buffalo, brass lined, 3⅞ in., - - - - - - per dozen 7.30



No. 0739.

Crocus Polished.

No. 0738—2 blades, with cork screw, buffalo, brass lined, 3½ in., - - - - - - per dozen $7.70

No. 0739—2 blades, with cork screw, stag, brass lined, 3½ in., - - - - - - per dozen 7.70

No. 1984.

Crocus Polished.

No. 1984—2 blades, with cork screw and champagne opener, gray buffalo, brass lined, 3¾ in., - - per dozen $15.80

No. 1784—2 blades, with cork screw and champagne opener, pearl, brass lined, 3⅝ in., - - - per dozen 27.40

No. 0567.

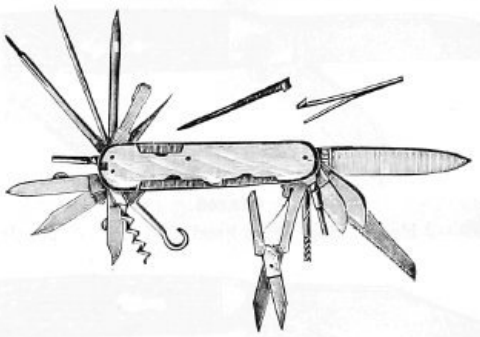
Crocus Polished.

No. 0566—2 blades, with cork screw and champagne opener, stag, brass lined, 3½ in., - - - per dozen $26.00

No. 0567—2 blades, with cork screw and champagne opener, pearl, brass lined, 3½ in., - - - per dozen 29.15

HALF DOZEN IN A BOX.

COMBINATION.



Pearl Handle, Rope Milled German Silver Lining, Crocus Polished.

No. 3025—11 tools, comprising 3 blades, 1 scissors, 1 cork screw, 1 button hook, 1 file, 2 awls, 2 picks, 3⅛ in., per dozen, - - - - - - - - $60.75

No. 3028—7 tools, comprising 2 blades, 1 scissors, 1 cork screw, 1 file, 2 picks, 3⅛ in., - - per dozen 41.80

No. 6217—7 tools, comprising 2 blades, 1 scissors, 1 cork screw, 1 file, 2 picks, 3 in., - - - per dozen 41.80

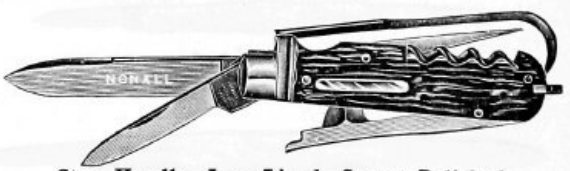
No. 7203—7 tools, comprising 2 blades, 1 scissors, 1 cork screw, 1 file, 2 picks, 2⅞ in., - - per dozen 38.80

No. 6741—6 tools, comprising 2 blades, 1 scissors, 1 file, 2 picks, 3 in., - - - - - per dozen 40.50

No. 6891—6 tools, comprising 2 blades, 1 scissors, 1 file, 2 picks, 2½ in., - - - - - per dozen 32.40

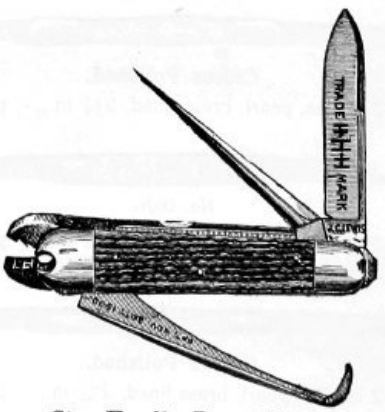
No. 3836—3 tools, comprising 2 blades, 1 scissors, 2⅝ in., per dozen, - - - - - - - - 16.20

No. 22068—Watch charm, 5 tools, comprising 3 blades, 1 scissors, 1 cork screw, 1½ in., with ring, per dozen 29.20



Stag Handle, Iron Lined, Crocus Polished.

No. 0699—2 blades, with fleams, cork screw, hoof pick, harness reamer and tweezers, 3⅝ in., - per dozen $26.75



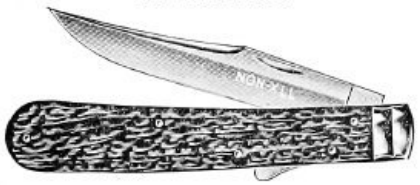
Stag Handle, Brass Lined.

No. HHH—5 tools, comprising 1 blade, leather punch, swedging awl, wire cutters, pliers, alligator wrench, hoof hook, screw driver and gimlet, 4 in., - - per dozen $14.60

HALF DOZEN IN A BOX.

POCKET KNIVES.

HUNTING.

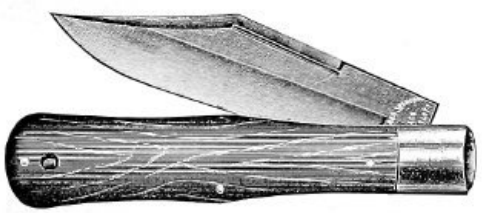


No. 0278—NON-XLL, 1 blade, stag, spring back, iron lined, clip point, 4⅝ in., - - - per dozen $13.00

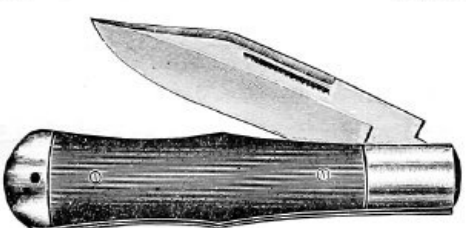
No. 17015.

Crocus Polished.

No. 17015—WOSTENHOLM'S, 1 blade, spring back, stag, iron lined, spear point, 4⅝ in., - - - per dozen $16.05
No. 17063—WOSTENHOLM'S, 1 blade, spring back, stag, iron lined, hollow bolster, clip point, 4⅝ in., - per dozen 11.75

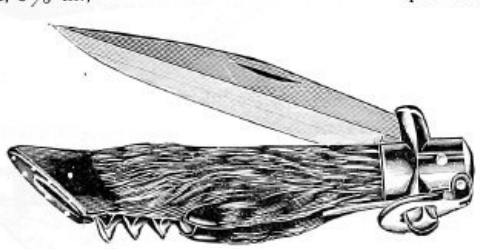


No. 144—H. S. B. & Co's, 1 blade, cocoa, iron lined, 5¾ in., - - - - - - per dozen $10.50



No. 145.

No. 145—H. S. B. & Co's, 1 blade, cocoa, iron lined, 5⅜ in., - - - - - - per dozen $11.00
No. 146—H. S. B. & Co's, 1 blade, stag, iron lined, 5⅜ in., per dozen, - - - - - - - - 12.20
No. 156—"OUR VERY BEST," 1 blade, stag, brass lined, lock back, 5⅜ in., - - - - - per dozen 20.25



No. 4839.

Crocus Polished.

No. 0156—1 blade, deerfoot, brass lined, lock back, 4¾ in., per dozen, - - - - - - - - $17.00
No. 4839—1 blade, deerfoot, brass lined, lock back, 5¼ in., per dozen, - - - - - - - - 29.20

No. 4839 has cork screw.

HALF DOZEN IN A BOX.

PRESS BUTTON.

No. 951.

Crocus Polished.

No. 951—2 blades, stag, brass lined, 2⅞ in., - per dozen $10.10
No. 952—2 blades, celluloid shell, brass lined, 2⅞ in., per dozen, - - - - - - - - - 10.95
No. 950—2 blades, pearl, brass lined, 2⅞ in., - per dozen 18.25

Crocus Polished.

No. 949—2 blades, sterling silver, German silver lined, 2⅞ in., - - - - - - per dozen $19.40

No. 942.

Crocus Polished.

No. 945—2 blades, cocoa, brass lined, 3⅜ in., - per dozen $ 9.70
No. 942—2 blades, stag, brass lined, 3⅜ in., - " 10.30
No. 947—2 blades, celluloid shell, brass lined, 3⅜ in., per dozen, - - - - - - - - - 11.60
No. 946—2 blades, celluloid ivory, brass lined, 3⅜ in., per dozen, - - - - - - - - - 11.60
No. 948—2 blades, pearl, brass lined, 3⅜ in., - per dozen 22.70

Crocus Polished.

No. 943—1 blade, stag, iron lined, 4 in., - per dozen $10.30

No. 944—1 blade, stag, iron lined, 4⅞ in., - per dozen $11.90

Crocus Polished.

No. 0764—1 blade, stag, iron lined, etched, patented self-adjusting German silver guard, 4⅞ in., - per dozen $14.60

By pressing the button shown in bolster the blade will fly open and become firmly locked in place. To close the blade it is necessary first to press the button.

No. 02.

No. 07—Swedish, 1 blade, solid boxwood, 1½ in., adapted for watch charm, - - - - per dozen $ 8.00
No. 03—Swedish, 1 blade, solid boxwood, 2⅞ in., " 9.65
No. 02—Swedish, 1 blade, solid boxwood, 3¼ in., " 10.50
No. 01—Swedish, 1 blade, solid boxwood, 4⅜ in., " 11.40

HALF DOZEN IN A BOX.

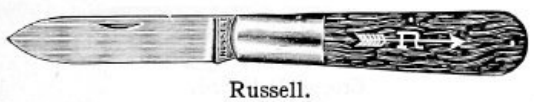
POCKET KNIVES.

No. 0160.

No. 0160—1 blade, horn, iron lined, 3⅛ in., - per dozen $0.90
No. 0161—2 blades, horn, iron lined, 3⅛ in., - " 1.80

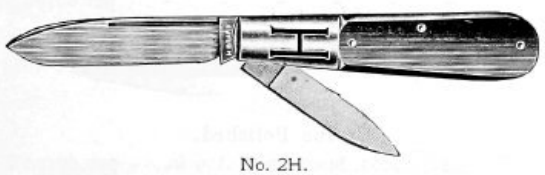
Russell.

No. 16—1 blade, iron handle, 2¾ in., - - per dozen $1.40



Russell.

No. 10—1 blade, iron, 3⅜ in., - - - per dozen $2.00



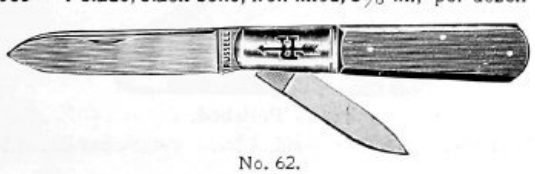
No. 2H.

Hibbard.

No. 1H—1 blade, black bone, iron lined, 3⅜ in., per dozen $2.25
No. 2H—2 blades, black bone, iron lined, 3⅜ in., " 3.20

Russell.

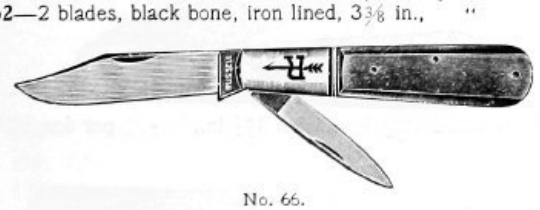
No. 603R—1 blade, black bone, iron lined, 3⅜ in., per dozen $3.20



No. 62.

Russell.

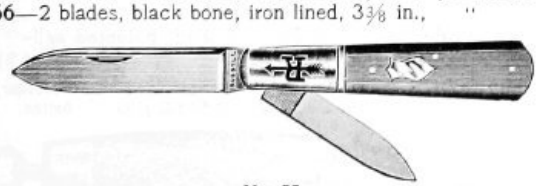
No. 60—1 blade, black bone, iron lined, 3⅜ in., per dozen $2.40
No. 62—2 blades, black bone, iron lined, 3⅜ in., " 4.00



No. 66.

Russell.

No. 65—1 blade, black bone, iron lined, 3⅜ in., per dozen $2.40
No. 66—2 blades, black bone, iron lined, 3⅜ in., " 4.00



No. 52.

Russell.

No. 52 —2 blades, polished horn, iron lined, 3⅜ in., per dozen, - - - - - - - - $5.60
No. 062R—2 blades, stag, iron lined, 3⅜ in., - per dozen 5.60
No. 42 —2 blades, white bone, iron lined, 3⅜ in., " 5.60

ONE DOZEN IN A BOX.

No. 0861.

No. 0861—1 blade, black bone, iron lined, 4¼ in., per dozen $2.65
No. 0863—1 blade, stag, iron lined, 4¼ in., - " 2.65

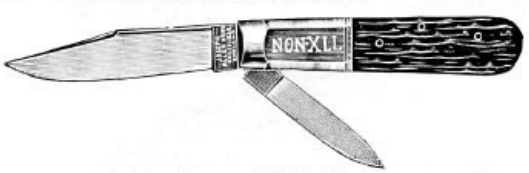
No. 0862.

No. 0860—1 blade, black bone, iron lined, 4¼ in., per dozen $2.65
No. 0862—1 blade, stag, iron lined, 4¼ in., - " 2.65

ONE DOZEN IN A BOX.

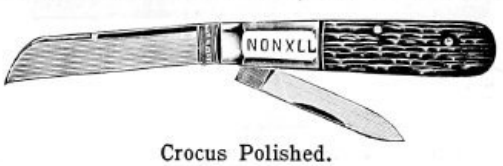
Crocus Polished.

No. 0312—2 blades, stag, iron lined, 3⅜ in., - per dozen $5.40



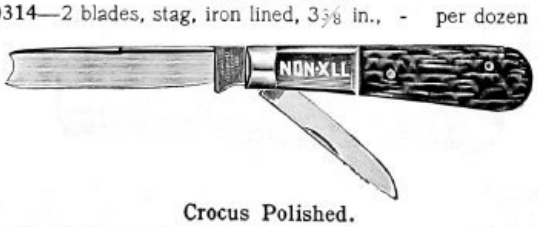
Crocus Polished.

No. 0313—2 blades, stag, iron lined, 3⅜ in., - per dozen $5.40



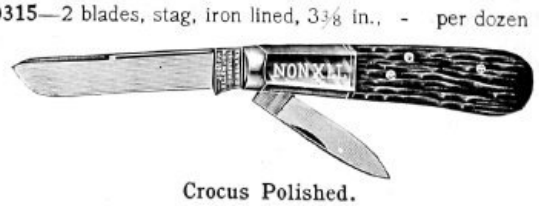
Crocus Polished.

No. 0314—2 blades, stag, iron lined, 3⅜ in., - per dozen $5.40



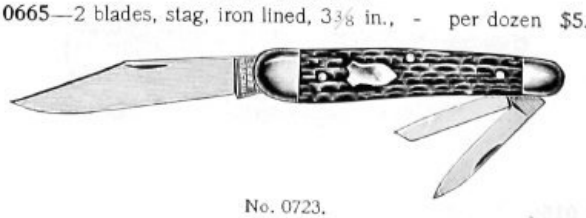
Crocus Polished.

No. 0315—2 blades, stag, iron lined, 3⅜ in., - per dozen $5.40



Crocus Polished.

No. 0665—2 blades, stag, iron lined, 3⅜ in., - per dozen $5.40



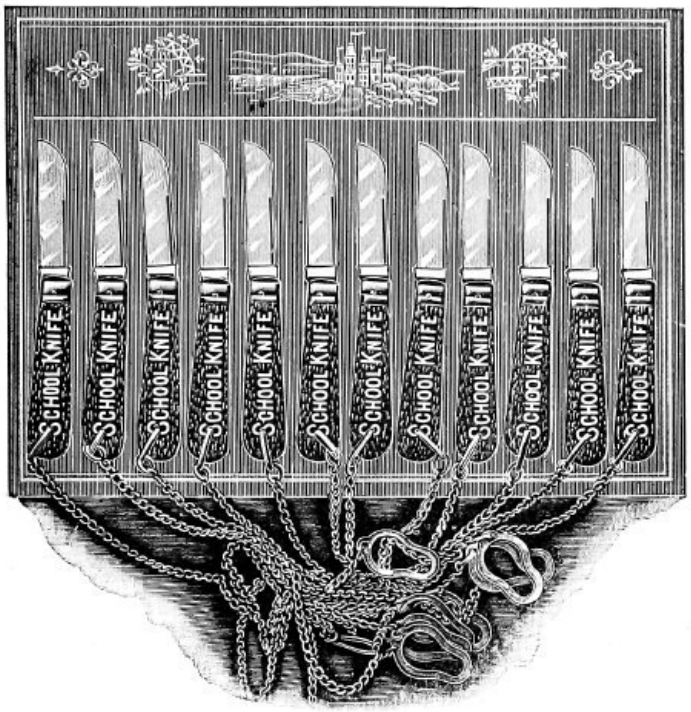
No. 0723.

Crocus Polished.

No. 0723—3 blades, stag, brass lined, 3½ in., - per dozen $6.50
No. 0724—3 blades, buffalo, brass lined, 3½ in., " 6.50

HALF DOZEN IN A BOX.

POCKET KNIVES.



Glazed.

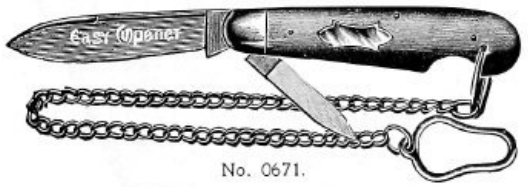
No. 0720—1 blade, enameled iron, 2⅞ in., 14 in. nickel plated chain, - - - - - - per dozen $1.20

ONE DOZEN ON A CARD. WE DO NOT SELL LESS QUANTITY.

Glazed.

No. 0855—1 blade, enameled iron, 3¼ and 2¾ in., per dozen, - - - - - - - - - $1.40

ONE DOZEN ON A CARD. WE DO NOT SELL LESS QUANTITY.

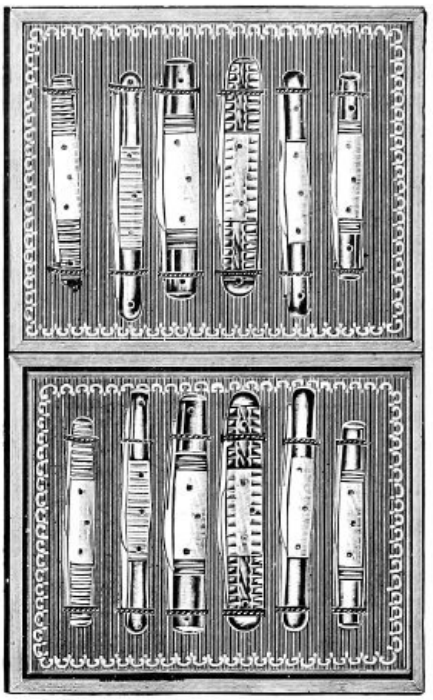


No. 0671.

Glazed, 18 Inch Nickel Plated Chain.

No. 0671—2 blades, cocoa, iron lined, 3½ in., - per dozen $3.00
No. 0670—2 blades, ebony, iron lined, 3½ in., - " 3.00
No. 0672—2 blades, stag, iron lined, 3½ in., - " 3.00

HALF DOZEN IN A BOX.

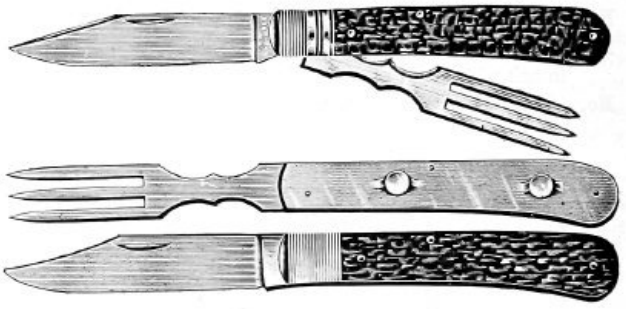


Glazed.

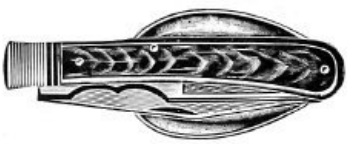
No. 0704—2 blades, pearl, assorted, in fancy folding easel display box, - - - - - - per dozen $3.20

ONE DOZEN IN A BOX. WE DO NOT SELL LESS QUANTITY.

CAMPING.



No. 0602—2 pieces, knife and fork, brass lined, stag handle, joins and closes like an ordinary pocket knife, fine quality steel blade and fork, polished, German silver bolster, 3⅞ in., - - - - - - - per dozen $13.00

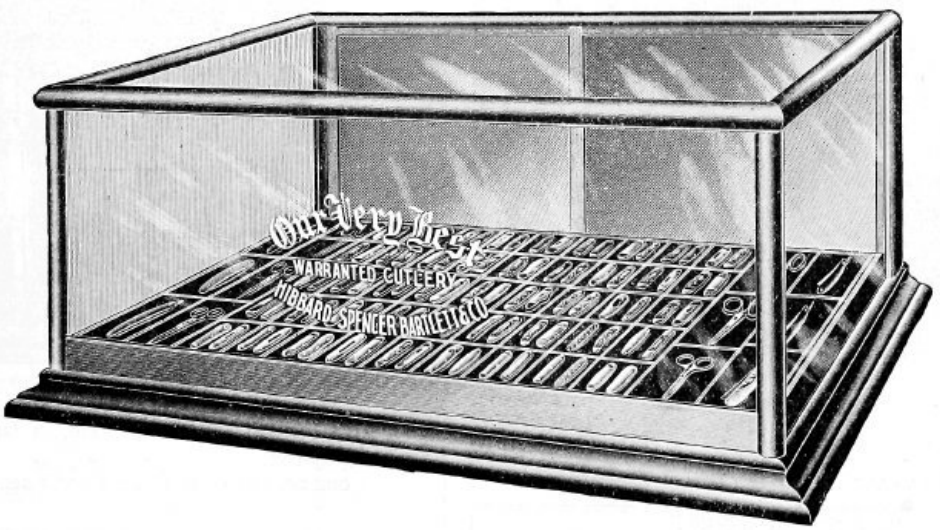


No. 0800—3 pieces, knife, fork and spoon, with corkscrew, crocus polished steel knife and fork, with German silver spoon, German silver bolster, brass lined, buffalo horn handle, a splendid article for camp use, 4 in., per dozen $26.75

HALF DOZEN IN A BOX.

O. V. B. IMPROVED CUTLERY SHOW CASES.

These cases are a great improvement over any cutlery show case ever made, and are both handsome and convenient. The case has a 2½ in. green silk plush covered base running around the inside at bottom, and each case is furnished with individual silk plush top boxes for pocket knives, razors and shears, as specified below. These boxes are made to hold one dozen of each article, with a handsome plush top on which to exhibit the samples. The case is of best material and workmanship, lettered as per illustration. The sliding mirror doors do away with the drawer and swinging doors as used in the old style cases, which proved very inconvenient, especially where the space behind the counter was limited. The price of the show case is not figured or added to cost of goods at all. We place the best price on our cutlery at which we can sell these goods separately, and the case we furnish with the idea of giving our customers a case which will prove a useful ornament to their stores and valuable in assisting them in selling goods and keeping the stock in good order and complete.

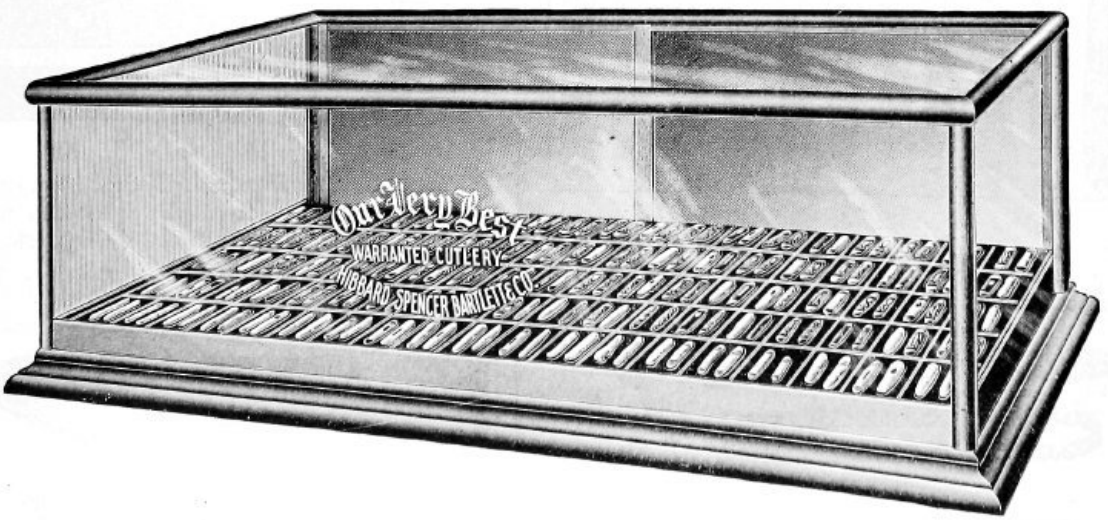


No. 0301—Oak, combination case, 40½ in. long, 27¾ in. wide, 17 in. high, contains boxes for 45 patterns of pocket knives, 6 patterns of scissors and shears and 6 patterns of razors, finished in oak with inside silk plush trimmings, weight crated 110 lbs.

No. 301—Cherry finish, otherwise same as No. 0301.

No. 0351—Oak, medium pocket knife case, 40½ in. long, 27¾ in. wide, 17 in. high, contains boxes for 65 patterns of pocket knives, finished in oak with inside silk plush trimmings, weight crated 110 lbs.

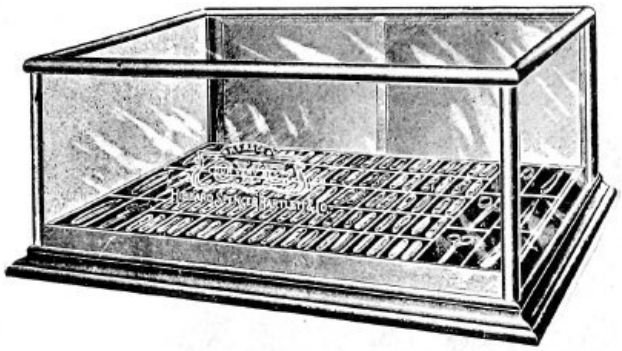
No. 351—Cherry finish, otherwise same as No. 0351.



No. 0401—Oak, large pocket knife case, 54 in. long, 27¾ in. wide, 17 in. high, contains boxes for 95 patterns of pocket knives, finished in oak with inside silk plush trimmings, weight crated 130 lbs.

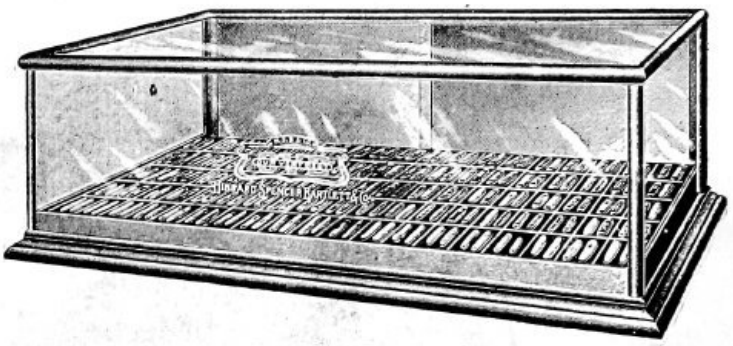
No. 401—Cherry finish, otherwise same as No. 0401.

OVB IMPROVED CUTLERY SHOW CASES.



Free of Charge with $100.00 Worth of Cutlery.

No. 0301—Oak, combination case, 40½ in. long, 27¾ in. wide, 17 in. high, contains boxes for 45 patterns of pocket knives, 6 patterns of scissors and shears and 6 patterns of razors, finished in oak with inside silk plush trimmings, w't crated 110 lbs., value of case..... $12.00

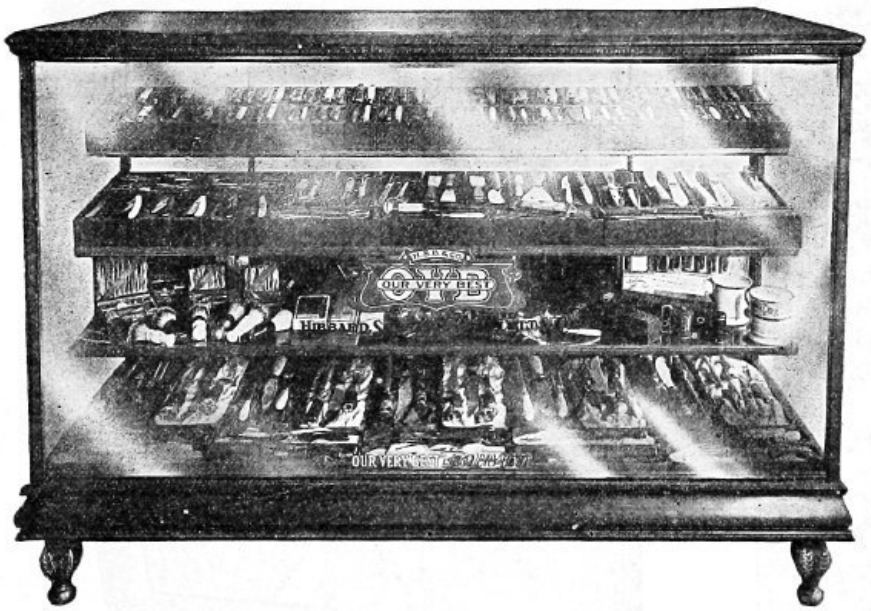


Free of Charge with $200.00 Worth of Cutlery.

No. 0401—Oak, large pocket knife case, 54 in. long, 27¾ in. wide, 17 in. high, contains boxes for 95 patterns of pocket knives, finished in oak with inside silk plush trimmings, w't crated 130 lbs., value of case..... $16.00

These cases are a great improvement over any cutlery show case ever made, and are both handsome and convenient. The case has a 2½ in. green silk plush covered base running around inside at bottom, and each case is furnished with individual silk plush top boxes for pocket knives, razors and shears. These boxes are made to hold one dozen of each article, with a handsome plush top on which to exhibit the samples. The case is of best material and workmanship, lettered as per illustration. The sliding mirror doors do away with the drawer and swinging doors as used in the old style cases, which proved very inconvenient, especially where the space behind the counter was limited. The price of the show case is not figured or added to cost of goods at all. We place the best price on our cutlery at which we can sell these goods separately, and the case we furnish with the idea of giving our customers a case which will prove a useful ornament to their stores and valuable in assisting them in selling goods and keeping the stock in good order and complete.

A FULL COMPLEMENT OF SILK PLUSH TOP CUTLERY BOXES GOES WITH EACH CASE GRATIS.



Our No. 900 OVB show cases are made of selected white oak thoroughly HAND MADE and of natural oak finish, highly polished, the top is ½ in. bevel French plate glass laid in flush on green felt cushions, selected double strength glass front and ends and glass sliding dust proof doors in the back that move on ball bearings and steel track.

The inside has 10 in., 14 in. and 16 in. paneled oak shelves the front edges of which are fitted with an oak lip extending ¼ in. above the shelf proper to prevent the goods from being pushed off the shelves, these shelves are supported by adjustable nickel plated brackets, cloth lined paneled bottom.

One of the latest improvements in these cases are the STEEL STRENGTH MITRED JOINTS, which means that the mitred joints in our cases are reinforced with steel, making the weakest part the strongest; this is a most IMPORTANT POINT TO BE CONSIDERED.

Made either knockdown or set up and of standard measurements 42 in. high, and 26 in. wide outside dimensions.

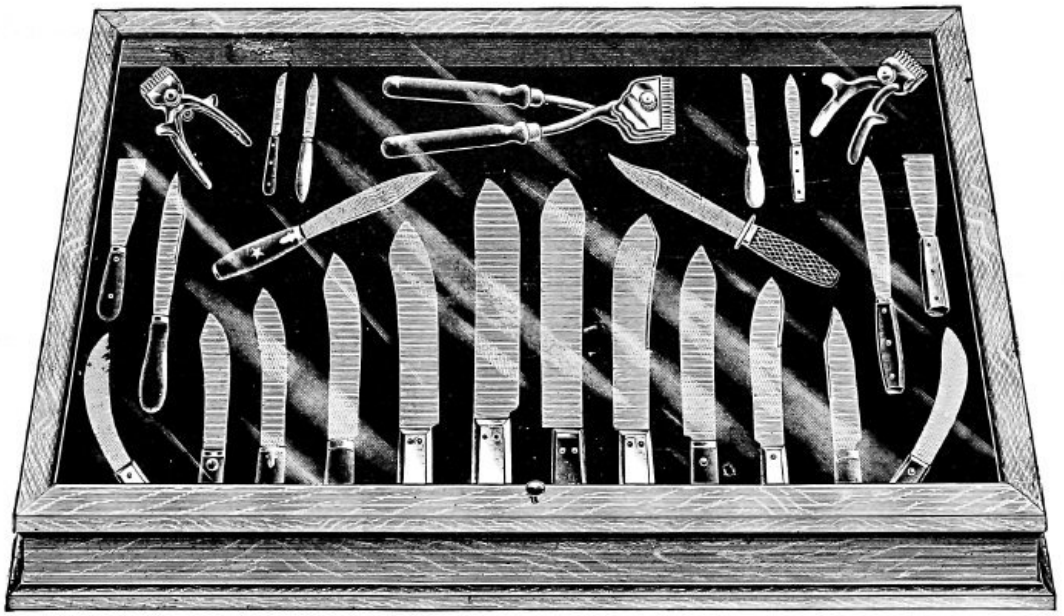
No. 900— 5 ft. long, free of charge with $300.00 worth of cutlery..	value of case	$35.00
No. 900— 6 ft. long, free of charge with $400.00 worth of cutlery..	" "	40.00
No. 900— 8 ft. long, free of charge with $500.00 worth of cutlery..	" "	50.00
No. 900—10 ft. long, free of charge with $600.00 worth of cutlery..	" "	60.00

A FULL COMPLEMENT OF SILK PLUSH TOP CUTLERY BOXES GOES WITH EACH CASE GRATIS.

WHERE A CUSTOMER CANNOT BUY THE FULL AMOUNT OF CUTLERY AT ONE PURCHASE, but desires a Cutlery Show Case, we send same and CHARGE TO HIS ACCOUNT at prices noted, AND ON THE BOTTOM OF THE BILL WE PRINT THE FOLLOWING CONTRACT.

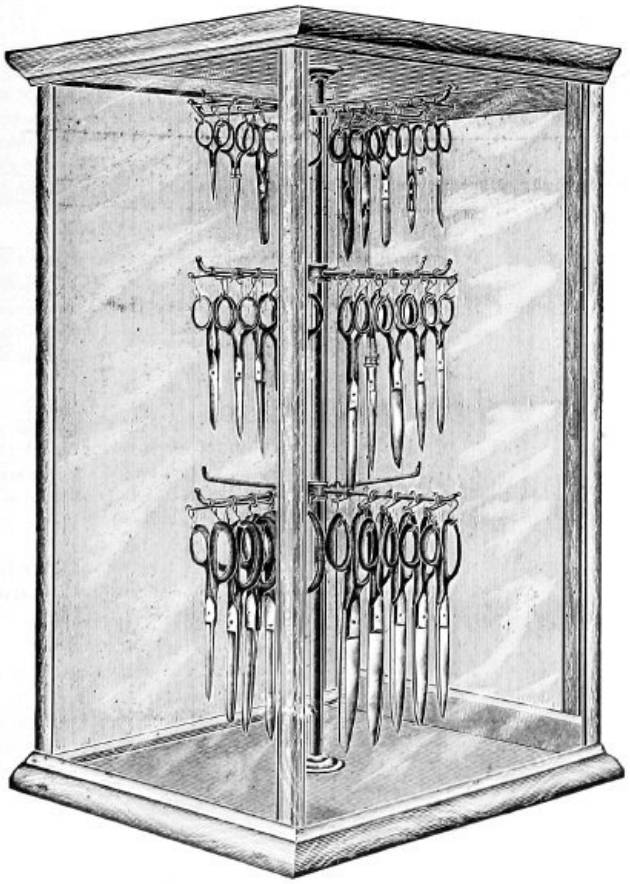
CONTRACT—We desire to make plain that in sending the above case and charging it to your account *IT MUST BE PAID FOR* at the maturity of this bill. We will credit your account with the above charge for Cutlery Case when you have purchased $.....((*The required amount is inserted here.*) worth of Pocket Cutlery, Table Cutlery, Butcher's Cutlery, Razors, (Not Including Safety Razors,) Razor Strops, Lather Brushes, Spatulas, Painter's Cutlery, Hones, OVB Silver Metal Goods, OVB Flat Ware, Scissors and Shears, Toilet and Horse Clippers, (Not Including Power Clippers,) Carvers, Manicure Goods, Combs, Key Rings and Key Chains, provided said purchases are made within one year from date of this invoice. *Not more than one show case to be furnished on these terms.*

CUTLERY CASES.



No. 600—Polished oak, hinged glass top, lined with blue billiard cloth, length 37½ in., width 27½ in., height 3¼ in., weight 50 lbs., each $5.00

Designed especially for counter use for displaying carving, butcher, skinning, sticking, hunting, putty and paring knives, clippers, etc. The hinged cover can be easily lifted and is provided with an arm to keep it in an upright position while selling goods.



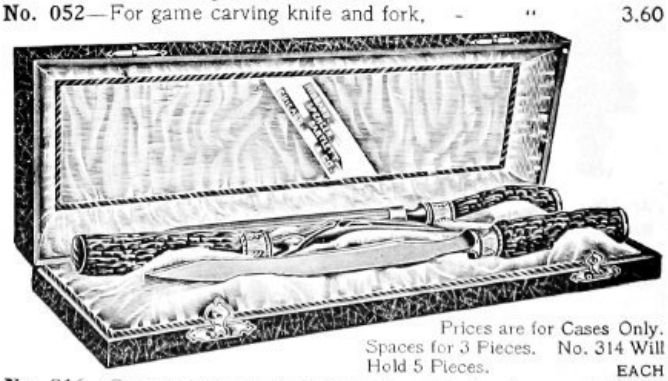
For Scissors and Shears.

No. 500—Polished oak frame, height 26 in., width 14½ in., depth 16 in., hinged glass door in rear, nickel plated interior standard with adjustable arms to display 72 patterns of scissors and shears, w't 50 lbs., - each $15.00

CARVER CASES.

Made of Heavy Board, Paper Covered and Sateen Lined.

No. 050—For carving knife, fork and steel, - per dozen $3.60
No. 051—For carving knife and fork, - - " 3.60
No. 052—For game carving knife and fork, - " 3.60



Prices are for Cases Only. Spaces for 3 Pieces. No. 314 Will Hold 5 Pieces.

EACH

No. 816—Square corners, cloth covered, satin lined, - - $2.00
No. 430—Square corners, leatherette covered, satin lined, - 3.00
No. 312—Square corners, silk plush covered, satin lined, - 3.50
No. 309—Square corners, silk plush covered, satin lined, - 3.50
No. 175—Round corners, silk plush covered, satin lined, - 4.50
No. 563—Round corners, calfskin covered, satin lined, - 5.50
No. 314—Square corners, silk plush covered, satin lined, - 6.00

ONE IN A BOX.

OVB TABLE KNIVES AND FORKS.

A careful examination of these goods will prove they have no equal.

OVB Handles.—They are made from first grade, high-priced materials—not cheap imitation wood manipulated to appear like the real article. Black handles are genuine imported ebony; red handles are finest Panama cocobolo; white handles are extra quality hard bone. As a consequence they hold their finish and their attractive, wholesome appearance, instead of becoming discolored and soaked with grease after being used a short time.

The handles are long and more symmetrical than other makes; they are more dainty in appearance, fit the hand better and "hang" as perfectly as highest grade goods should, instead of having a clumsy ill-balanced feeling. The forks are models for shape of bend, workmanship and finish, and their temper is unequalled, as can be shown by jamming the fork tines into wood and twisting them.

OVB Bolster.—The metal used in the bolsters is high grade, absolutely without adulteration by lead or spelter; consequently it holds its original finish and does not become dull and cheapen the appearance of the goods. All metal designs are anchored through the handle; warping and consequent cracking of handles is impossible. The metal work fits the handle with absolute accuracy; there are no cracks or open joints of any kind where dirt or grease can work in and spoil the appearance.

5⅜ Inch Cimeter Blade.

No. 11746—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $20.00
No. 21746—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 24.50
No. 31746—Knives and forks, white bone handle, 3 tine fork .per dozen sets 28.90
No. 11744—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 21.90
No. 21744—Knives and forks, ebony handle, 4 tine fork .....per dozen sets 26.25
No. 31744—Knives and forks, white bone handle, 4 tine fork .per dozen sets 30.65
No. 11746—Knives only, cocoa handle, per dozen sets 25.00
No. 21746—Knives only, ebony handle, per dozen sets..... 29.40
No. 31746—Knives only, white bone handle .....per dozen sets 33.75

5⅜ Inch Cimeter Blade.

No. 12746—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $23.75
No. 22746—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 28.00
No. 32746—Knives and forks, white bone handle, 3 tine fork .per dozen sets 32.50
No. 12744—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 25.40
No. 22744—Knives and forks, ebony handle, 4 tine fork .....per dozen sets 29.75
No. 32744—Knives and forks, white bone handle, 4 tine fork .per dozen sets 34.15

5⅜ Inch Cimeter Blade.

No. 11756—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $21.90
No. 21756—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 26.25
No. 31756—Knives and forks, white bone handle, 3 tine fork .per dozen sets 30.65

5⅜ Inch Cimeter Swaged Blade.

No. 12856—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $28.90
No. 22856—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 33.25
No. 32856—Knives and forks, white bone handle, 3 tine fork .per dozen sets 38.50

ONE SET IN A BOX. FOUR SETS IN A CARTON.

5⅜ Inch Cimeter Blade.

No. 12756—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $26.25
No. 22756—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 30.65
No. 32756—Knives and forks, white bone handle, 3 tine fork .per dozen sets 32.40
No. 12756—Knives only, cocoa handle, per dozen sets 31.15
No. 22756—Knives only, ebony handle, per dozen sets 35.50
No. 32756—Knives only, white bone handle.....per dozen sets 39.90
No. 12754—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 27.00
No. 22754—Knives and forks, ebony handle, 4 tine fork .....per dozen sets 31.40
No. 32754—Knives and forks, white bone handle, 4 tine fork .per dozen sets 33.15

5⅜ Inch Cimeter Swaged Blade.

No. 12636—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $28.90
No. 22636—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 33.25
No. 32636—Knives and forks, white bone handle, 3 tine fork .per dozen sets 38.50
No. 12634—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 29.65
No. 22634—Knives and forks, ebony handle, 4 tine fork .....per dozen sets 34.00
No. 32634—Knives and forks, white bone handle, 4 tine fork .per dozen sets 39.25

5⅜ Inch Cimeter Swaged Blade.

No. 12866—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $28.90
No. 22866—Knives and forks, ebony handle, 3 tine fork.....per dozen sets 33.25
No. 32866—Knives and forks, white bone handle, 3 tine fork .per dozen sets 38.50
No. 12864—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 30.65
No. 22864—Knives and forks, ebony handle, 4 tine fork .....per dozen sets 35.00
No. 32864—Knives and forks, white bone handle, 4 tine fork .per dozen sets 40.25

ONE SET IN A BOX. FOUR SETS IN A CARTON.

5⅜ Inch Cimeter Swaged Blade.

No. 12876—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $30.65
No. 22876—Knives and forks, ebony handle, 3 tine fork..... per dozen sets 35.00
No. 32876—Knives and forks, white bone handle, 3 tine fork .per dozen sets 40.25

5⅜ Inch Cimeter Swaged Blade.

No. 12646—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $32.40
No. 22646—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 36.75
No. 32646—Knives and forks, white bone handle, 3 tine fork .per dozen sets 42.00

5⅜ Inch Cimeter Swaged Blade.

No. 12706—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $32.40
No. 22706—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 36.75
No. 32706—Knives and forks, white bone handle, 3 tine fork .per dozen sets 42.00
No. 12704—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 34.15
No. 22704—Knives and forks, ebony handle, 4 tine fork .....per dozen sets 38.50
No. 32704—Knives and forks, white bone handle, 4 tine fork .per dozen sets 43.75

5⅜ Inch Cimeter Swaged Blade.

No. 12666—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $34.15
No. 22666—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 38.50
No. 32666—Knives and forks, white bone handle, 3 tine fork .per dozen sets 44.65
No. 12664—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 35.90
No. 22664—Knives and forks, ebony handle, 4 tine fork .....per dozen sets 40.25
No. 32664—Knives and forks, white bone handle, 4 tine fork .per dozen sets 46.50

ONE SET IN A BOX. FOUR SETS IN A CARTON.

A SET CONSISTS OF 12 PIECES—6 KNIVES AND 6 FORKS.

OVB TABLE KNIVES AND FORKS.

Three Tine Fork.

Four Tine Fork.

5⅜ Inch Cimeter Swaged Blade.

No. 11606—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $26.25
No. 21606—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 30.65
No. 31606—Knives and forks, white bone handle, 3 tine fork .per dozen sets 35.90

5⅜ Inch Cimeter Swaged Blade.

No. 12606—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $29.75
No. 22606—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 34.15
No. 32606—Knives and forks, white bone handle, 3 tine fork .per dozen sets 39.40
No. 12604—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 30.50
No. 22604—Knives and forks, ebony handle, 4 tine fork .....per dozen sets 34.90
No. 32604—Knives and forks, white bone handle, 4 tine fork .per dozen sets 40.15

5⅜ Inch Cimeter Swaged Blade.

No. 11656—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $26.25
No. 21656—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 30.65
No. 31656—Knives and forks, white bone handle, 3 tine fork .per dozen sets 35.90

5⅜ Inch Cimeter Swaged Blade.

No. 12656—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $29.75
No. 22656—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 34.15
No. 32656—Knives and forks, white bone handle, 3 tine fork .per dozen sets 39.40

5⅜ Inch Cimeter Swaged Blade.

No. 12806—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $32.40
No. 22806—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 36.75
No. 32806—Knives and forks, white bone handle, 3 tine fork .per dozen sets 42.00

ONE SET IN A BOX. FOUR SETS IN A CARTON.

5⅜ Inch Cimeter Swaged Blade.

No. 12714—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets $35.00
No. 22714—Knives and forks, ebony handle, 4 tine fork .....per dozen sets 39.40
No. 32714—Knives and forks, white bone handle, 4 tine fork .per dozen sets 45.50

5⅜ Inch Cimeter Swaged Blade.

No. 12726—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $35.90
No. 22726—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 40.25
No. 32726—Knives and forks, white bone handle, 3 tine fork .per dozen sets 46.50
No. 12724—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 36.65
No. 22724—Knives and forks, ebony handle, 4 tine fork .....per dozen sets 41.00
No. 32724—Knives and forks, white bone handle, 4 tine fork .per dozen sets 47.25

5⅜ Inch Cimeter Swaged Blade.

No. 3131—Knives and forks, white bone handle, 3 tine fork .....per dozen sets $40.25

5⅜ Inch Cimeter Swaged Blade.

No. 4169—Knives and forks, stag handle, 3 tine fork .....per dozen sets $33.25

5⅜ Inch Cimeter Swaged Blade.

No. 4269—Knives and forks, stag handle, 3 tine fork .....per dozen sets $36.75
No. 42694—Knives and forks, stag handle, 4 tine fork .....per dozen sets 37.50

5⅜ Inch Cimeter Swaged Blade.

No. 4284—Knives and forks, stag handle, 3 tine fork .....per dozen sets $37.65

ONE SET IN A BOX. FOUR SETS IN A CARTON.

SOLID HANDLE.

Showing Construction.

The method of securing the blade to the handle, as shown in the above illustration, marks the greatest improvement in solid handle table cutlery. After many years of failure, an absolute tight, everlasting joint has been secured. It is not affected by hot water; does not loosen a particle or crack the wood, and makes a well finished and handsome appearance.

5⅜ Inch Straight Blade.

No. 115—Medium knives and forks, cocobolo solid handle, 4 tine fork, nickel silver ferrule .....per dozen sets $33.15

5⅜ Inch Cimeter Swaged Blade.

No. 115C—Medium knives and forks, cocobolo solid handle, 4 tine fork, nickel silver ferrule .....per dozen sets $35.65

No. 215C—Medium knives and forks, ebony solid handle, 4 tine fork, nickel silver ferrule .....per dozen sets 39.40

5⅜ Inch Straight Blade.

No. 116—Medium knives and forks, cocobolo solid handle, 4 tine fork, nickel silver ferrule .....per dozen sets $34.40

5⅜ Inch Cimeter Swaged Blade.

No. 116C—Medium knives and forks, cocobolo solid handle, 4 tine fork, nickel silver ferrule .....per dozen sets $36.90

No. 216C—Medium knives and forks, ebony, solid handle, 4 tine fork, nickel silver ferrule.....per dozen sets 41.00

ONE SET IN A BOX. FOUR SETS IN A CARTON

A SET CONSISTS OF 12 PIECES—6 KNIVES AND 6 FORKS.

OYB DESSERT KNIVES AND FORKS.

5 Inch Cimeter Blade.

No. 11746D—Knives and forks, cocoa handle, 3 tine fork..... per dozen sets $20.15
No. 21746D—Knives and forks, ebony handle, 3 tine fork.....per dozen sets 24.50
No. 31746 —Knives and forks, white bone handle, 3 tine fork. per dozen sets 28.90

5 Inch Cimeter Blade.

No. 12746D—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $23.65
No. 22746D—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 28.00
No. 32746D—Knives and forks, white bone handle, 3 tine fork .per dozen sets 32.40

5 Inch Cimeter Blade.

No. 11756D—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $21.90
No. 21756D—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 26.25
No. 31756D—Knives and forks, white bone handle, 3 tine fork .per dozen sets 30.65

5 Inch Cimeter Blade.

No. 12756D—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $25.40
No. 22756D—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 29.75
No. 32756D—Knives and forks, white bone handle, 3 tine fork .per dozen sets 34.15

ONE SET IN A BOX. FOUR SETS IN A CARTON.

5 Inch Cimeter Swaged Blade.

No. 12856D—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $27.15
No. 22856D—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 31.50
No. 32856D—Knives and forks, white bone handle, 3 tine fork .per dozen sets 36.75

5 Inch Cimeter Swaged Blade.

No. 12806D—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $30.65
No. 22806D—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 35.00
No. 32806D—Knives and forks, white bone handle, 3 tine fork .per dozen sets 40.25

5 Inch Cimeter Swaged Blade.

No. 12726D—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $34.15
No. 22726D—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 38.50
No. 32726D—Knives and forks, white bone handle, 3 tine fork .per dozen sets 44.65

ONE SET IN A BOX. FOUR SETS IN A CARTON.

5 Inch Cimeter Swaged Blade.

No. 1131D—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $28.90
No. 2131D—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 33.25
No. 3131D—Knives and forks, white bone handle, 3 tine fork .per dozen sets 38.50

5 Inch Cimeter Swaged Blade.

No. 12636D—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $27.15
No. 22636D—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 31.50
No. 32636D—Knives and forks, white bone handle, 3 tine fork .per dozen sets 36.75

5 Inch Cimeter Swaged Blade.

No. 12866D—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $27.15
No. 22866D—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 31.50
No. 32866D—Knives and forks, white bone handle, 3 tine fork .per dozen sets 36.75

5 Inch Cimeter Swaged Blade.

No. 12706D—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $30.65
No. 22706D—Knives and forks, ebony handle, 3 tine fork .....per dozen sets 35.00
No. 32706D—Knives and forks, white bone handle, 3 tine fork .per dozen sets 40.25

ONE SET IN A BOX. FOUR SETS IN A CARTON.

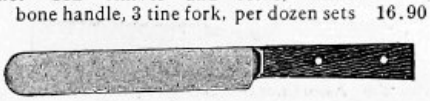
TABLE KNIVES AND FORKS.

5⅜ Inch Straight Blade.

No. 900—Knives and forks, iron handle, 3 tine fork.....per dozen sets $10.65
No. 900—Knives only, iron handle, per dozen sets..... 15.00
No. 9004—Knives and forks, iron handle, 4 tine fork.....per dozen sets 12.50

5⅜ Inch Straight Blade.

No. 1878—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $10.65
No. 1878—Knives only, cocoa handle, per dozen sets..... 15.00
No. 18784—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 12.50
No. 301—Knives and forks, white bone handle, 3 tine fork, per dozen sets 16.90



5⅜ Inch Straight Blade.

No. 2178—Knives and forks, cocoa handle, 3 tine fork.....per dozen sets $13.15
No. 2178—Knives only, cocoa handle, per dozen sets..... 16.25
No. 21784—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 15.90

TWO SETS IN A BOX. SIX SETS IN A CARTON.

5⅜ Inch Cimeter Blade.

No. 2188—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $15.00
No 2188—Knives only, cocoa handle, per dozen sets..... 18.75

5⅜ Inch Straight Blade.

No. 2278—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $15.65
No. 2278—Knives only, cocoa handle, per dozen sets..... 19.40
No. 22784—Knives and forks, cocoa handle, 4 tine fork .....per dozen sets 19.40

TWO SETS IN A BOX. SIX SETS IN A CARTON.

5⅜ Inch Straight Blade.

No. 211—Knives and forks, ebony handle, 3 tine fork .....per dozen sets $19.40
No. 511—Knives and forks, white bone handle, 3 tine fork .....per dozen sets 23.75

ONE SET IN A BOX. FOUR SETS IN A CARTON.

5⅜ Inch Straight Blade.

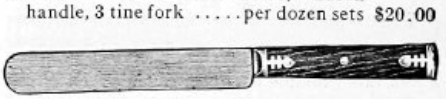
No. 212—Knives and forks, ebony handle, 3 tine fork .....per dozen sets $22.50
No. 512—Knives and forks, white bone handle, 3 tine fork .....per dozen sets 26.90

5⅜ Inch Straight Blade.

No. 1010—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $16.90

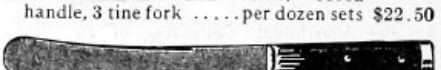
5⅜ Inch Straight Blade.

No. 1020—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $20.00



5⅜ Inch Straight Blade.

No. 128—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $22.50



5⅜ Inch Cimeter Swaged Blade.

No. 11210C—Knives and forks, cocoa handle, 3 tine fork .....per dozen sets $22.50

ONE SET IN A BOX. FOUR SETS IN A CARTON.

A SET CONSISTS OF 12 PIECES—6 KNIVES AND 6 FORKS.

TABLE CUTLERY ASSORTMENTS.

NO. 440 ASSORTMENTS.

RETAIL VALUE

2 sets, plain.....per set $0.50 $1.00

2 sets, single bolster.....per set $0.80 $1.60

2 sets, fancy double bolster, per set $1.15 $2.30

2 sets, fancy double bolster, per set $1.25 $2.50

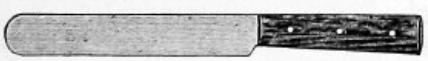
2 sets, fancy double bolster, per set $1.35 $2.70

2 sets, fancy double bolster, per set $1.50 $3.00

$13.10

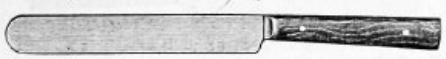
No. 440 Assortment—Consisting of 12 sets of carefully selected table knives, cocobolo handles, 2 patterns straight blades and 4 cimeter swaged, as shown above, with forks to match. Total retail value $13.10, per assortment..... $13.10

NO. 350 ASSORTMENTS.



RETAIL VALUE

2 sets, plain.....per set $0.50 $1.00



2 sets, single bolster.....per set $0.80 $1.60

2 sets, double bolster.....per set $1.15 $2.30

2 sets, double bolster.....per set $1.25 $2.50

2 sets, fancy double bolster, per set $1.50 $3.00

2 sets, fancy double bolster, per set $1.75 $3.50

$13.90

No. 350 Assortment—Consisting of 12 sets of carefully selected table knives, cocobolo handles, 3 patterns straight blades and 3 cimeter swaged, as shown above, with forks to match. Total retail value $13.90, per assortment..... $13.90

ONE ASSORTMENT IN A CASE.

NO. 500 ASSORTMENTS.

RETAIL VALUE

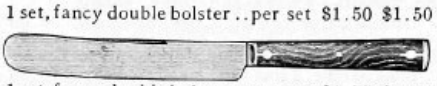
2 sets, plain.....per set $0.50 $1.00

2 sets, single bolster.....per set $0.80 $1.60

2 sets, double bolster.....per set $1.15 $2.30

1 set, single bolster.....per set $1.25 $1.25

1 set, fancy double bolster..per set $1.50 $1.50



1 set, fancy double bolster..per set $1.75 $1.75

1 set, fancy double bolster..per set $1.80 $1.80

1 set, fancy double bolster..per set $1.75 $1.75

1 set, fancy double bolster..per set $1.85 $1.85

$14.80

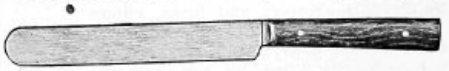
No. 500 Assortment—Consisting of 12 sets of carefully selected table knives, 1 set with bone and 11 sets with cocobolo handles, 7 sets straight blades and 5 sets cimeter swaged blades as shown above, with forks to match. Total retail value $14.80.....per assortment $14.80

ONE ASSORTMENT IN A CASE.

NO. 550 ASSORTMENTS.

RETAIL VALUE

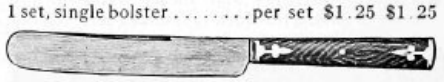
2 sets, plain.....per set $0.50 $1.00



2 sets, single bolster.....per set $0.80 $1.60

2 sets, double bolster.....per set $1.15 $2.30

1 set, single bolster.....per set $1.25 $1.25



1 set, fancy double bolster, per set $1.85 $1.85

1 set, fancy double bolster, per set $1.80 $1.80

1 set, fancy double bolster, per set $2.00 $2.00

1 set, fancy double bolster, per set $1.80 $1.80

1 set, fancy double bolster, per set $2.25 $2.25

$15.85

No. 550 Assortment—Consisting of 12 sets of carefully selected table knives, 1 set with bone and 11 sets with cocobolo handles, 7 sets straight blades and 5 sets cimeter swaged blades, as shown above, with forks to match. Total retail value $15.85, per assortment..... $15.85

ONE ASSORTMENT IN A CASE.

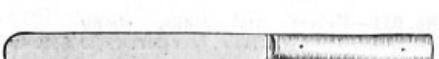
NO. 200 ASSORTMENTS.

RETAIL VALUE

3 sets, plain.....per set $0.50 $1.50

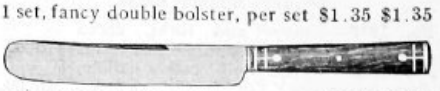
4 sets, plain.....per set $0.60 $2.40

2 sets, single bolster.....per set $0.80 $1.60



1 set, single bolster.....per set $1.25 $1.25

1 set, fancy double bolster, per set $1.35 $1.35



1 set, fancy double bolster, per set $1.50 $1.50

$9.60

No. 200 Assortment—Consisting of 12 sets of carefully selected table knives, 3 sets with iron, 1 set with bone and 8 sets with cocobolo handles, 10 sets straight blades and 2 sets cimeter swaged blades, as shown above, with forks to match. Total retail value $9.60, per assortment..... **$9.60**

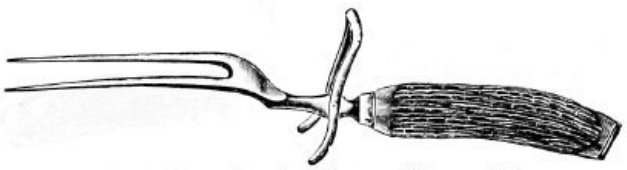
ONE ASSORTMENT IN A CASE.

A SET OF KNIVES AND FORKS CONSISTS OF 12 PIECES—6 KNIVES AND 6 FORKS.

CARVING KNIVES AND FORKS.

PATENT GUARD AND REST.

H. S. B. & CO'S, WARRANTED.



Showing Patent Guard and Rest on all Carver Forks.

No. 175—8 in., stag handle knife and fork, - per pair $1.15

No. 176—8 in., stag handle knife and fork, - per pair $1.15

No. 31—8 in., stag handle knife and fork, - - per pair $1.60
No. 31—8 in., stag handle knife, fork and steel, - per set 2.30

No. 37—8 in., stag handle knife and fork, - - per pair $1.75
No. 37—8 in., stag handle knife, fork and steel, - per set 2.40

No. 34—8 in., stag handle knife and fork, - - per pair $1.95
No. 34—8 in., stag handle knife, fork and steel, - per set 2.65

No. 32—8 in., stag handle knife and fork, silver ferrules, per pair, - - - - - - - - $1.95
No. 32—8 in., stag handle knife, fork and steel, silver ferrules, - - - - - - - - per set 2.80

No. 38—8 in., stag handle knife and fork, silver ferrules, per pair, - - - - - - - - - $2.10
No. 38—8 in., stag handle knife, fork and steel, silver ferrules, - - - - - - - - per set 2.95

No. 35—8 in., stag handle knife and fork, silver ferrules, per pair, - - - - - - - - $2.25
No. 35—8 in., stag handle knife, fork and steel, silver ferrules, - - - - - - - - per set 3.10

ONE PAIR OR ONE SET IN A BOX.

"OUR VERY BEST," WARRANTED.

Showing Patent Guard and Rest on all Carver Forks.

	8 IN.	9 IN.
No. 21—Selected genuine stag handle knife and fork, per pair, - - - - - - - -	$2.40	2.80
No. 21—Selected genuine stag handle knife, fork and steel, - - - - - - - - per set	3.20	3.60

No. 26—8 in., selected genuine stag handle knife and fork, per pair, - - - - - - - - - $2.65
No. 26—8 in., selected genuine stag handle knife, fork and steel, - - - - - - - - - per set 3.45

No. 10—8 in., selected genuine stag handle knife and fork, per pair, - - - - - - - - - $2.65
No. 10—8 in., selected genuine stag handle knife, fork and steel, - - - - - - - - per set 3.45

No. 23—9 in., selected genuine stag handle knife and fork, per pair, - - - - - - - - - $3.20
No. 23—9 in., selected genuine stag handle knife, fork and steel, - - - - - - - - per set 4.00

No. 42—9 in., selected genuine stag handle knife and fork, per pair, - - - - - - - - - $3.20
No. 42—9 in., selected genuine stag handle knife, fork and steel, - - - - - - - - per set 4.00

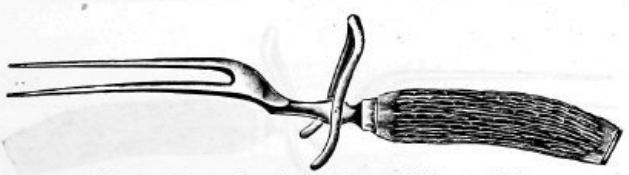
No. 43A—9 in., genuine stag carved alligator handle knife, fork and steel, - - - - - - per set $6.00

No. 47—9 in., selected genuine stag handle knife, fork and steel, sterling silver cap, - - - - - per set $11.40

ONE PAIR OR ONE SET IN A BOX.

CARVING KNIVES AND FORKS.

"OUR VERY BEST," WARRANTED, PATENT GUARD AND REST.



Showing Patent Guard and Rest on all Carver Forks.

No. 27—8 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $2.80

No. 27—8 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 4.00

	8 IN.	9 IN.
No. 25—Selected genuine stag handle knife and fork, sterling silver ferrules, - - - per pair	$3.60	4.00
No. 25—Selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - per set	4.80	5.20

No. 20—9 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $4.00

No. 20—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 5.20

No. 41—9 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $4.00

No. 41—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 5.20

No. 46—9 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $4.00

No. 46—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 5.20

No. 22—10 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $4.80

No. 22—10 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 6.00

ONE PAIR OR ONE SET IN A BOX.

Showing Patent Guard and Rest on all Carver Forks.

No. 28—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set $6.40

No. 0102—9 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $4.00

No. 0102—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 5.20

No. 0104—9 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $4.00

No. 0104—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 5.20

No. 0106—9 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $4.40

No. 0106—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 5.60

No. 0108—9 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $4.40

No. 0108—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 5.60

No. 45—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set $6.80

No. 48—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set $6.80

ONE PAIR OR ONE SET IN A BOX.

CARVING KNIVES AND FORKS.

"OUR VERY BEST," WARRANTED, PATENT GUARD AND REST.

Showing Patent Guard and Rest on all Carver Forks.

No. 1274—9 in., genuine stag handle, knife, fork and steel, per set, - - - - - - - - - $6.40

No. 50—8 in., solid rubber handle knife and fork, - per pair $2.00
No. 50—8 in., solid rubber handle knife, fork and steel, per set. - - - - - - - - - - 2.95

No. 80—8 in., solid rubber handle knife and fork, - per pair $2.25
No. 80—8 in., solid rubber handle knife, fork and steel, per set, - - - - - - - 3.20

No. 340—8 in., solid rubber handle knife and fork, - per pair $2.40
No. 340—8 in., solid rubber handle knife, fork and steel, per set. - - - - - - - - - - 3.30

No. 84—9 in., solid rubber handle knife and fork, - per pair $3.20
No. 84—9 in., solid rubber handle knife, fork and steel, per set, - - - - - - - - - - 4.40

No. 85—9 in., solid rubber handle knife and fork, - per pair $3.20
No. 85—9 in., solid rubber handle knife, fork and steel, per set, - - - - - - - - - - 4.25

ONE PAIR OR ONE SET IN A BOX.

Showing Patent Guard and Rest on all Carver Forks.

No. 240—8 in., solid white celluloid handle knife and fork, per pair, - - - - - - - - - $2.40
No. 240—8 in., solid white celluloid handle knife, fork and steel, - - - - - - - - - per set 3.40

No. 241—8 in., solid white celluloid handle knife and fork, per pair, - - - - - - - - - $2.60
No. 241—8 in., solid white celluloid handle knife, fork and steel, - - - - - - - - - per set 3.55

No. 2440—8 in., solid white celluloid handle knife and fork, per pair, - - - - - - - - - $3.60
No. 2440—8 in., solid white celluloid handle knife, fork and steel, - - - - - - - - - per set, 4.4

No. 30—8 in., solid ivoride handle knife and fork, - per pair $4.00
No. 30—8 in., solid ivoride handle knife, fork and steel, per set, - - - - - - - - - - 5.20

No. 40—9 in., solid ivoride handle knife and fork, - per pair $4.40
No. 40—9 in., solid ivoride handle knife, fork and steel, per set, - - - - - - - - - - 5.60

No. 030—8 in., solid ivoride handle knife and fork, sterling silver ferrules, - - - - - - per pair $4.80
No. 030—8 in., solid ivoride handle knife, fork and steel, sterling silver ferrules, - - - - - per set 6.80

No. 1536—9 in., solid ivoride handle, natural walrus finish, knife, fork and steel, - - - - - per set $8.00

No. 6340—8 in., solid pearl handle, knife, fork and steel, sterling silver ferrules, - - - - - per set $14.50

ONE PAIR OR ONE SET IN A BOX.

CARVING KNIVES AND FORKS.

"OUR VERY BEST" WARRANTED, PATENT FORK GUARD AND REST.

No. 1018—9 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $5.00

No. 1018—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 7.00

No. 0112—9 in., selected genuine stag handle knife and fork, sterling silver ferrules, - - - - per pair $5.00

No. 0112—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set 7.00

No. 1147—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set $8.00

No. 1112—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set $8.00

No. 1102—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set $8.00

No. 1947—9 in., selected genuine stag handle knife, fork and steel, sterling silver ferrules, - - - per set $8.00

No. 4402—9 in., selected genuine stag handle knife, fork and steel, heavy solid silver caps and ferrules, - per set $11.00

No. 4408—9 in., selected genuine stag handle knife, fork and steel, heavy solid silver caps and ferrules, - per set $11.00

No. 3512—9 in., selected genuine stag handle knife, fork and steel, sterling silver mountings and ferrules, per set $14.00

ONE PAIR OR SET IN A BOX.

No. 3502—9 in., selected genuine stag handle knife, fork and steel, sterling silver mountings and ferrules, - per set $16.00

No. 4118—9 in., selected genuine stag handle knife, fork and steel, heavy solid silver caps and ferrules, - per set $16.00

No. 4712—9 in., selected genuine stag handle knife, fork and steel, heavy solid silver caps and ferrules, - per set $20.00

No. 4698—9 in., selected genuine stag handle knife fork and steel, heavy solid silver caps and ferrules, - per set $22.50

No. 566—9 in., selected genuine stag handle knife, fork and steel, with large ornamental enameled solid silver caps and ferrules, - - - - - per set $32.00

No. 567—9 in., selected genuine stag handle knife, fork and steel, with large ornamental enameled solid silver caps and ferrules, - - - - - per set $34.00

No. 558—9 in., selected genuine stag handle knife, fork and steel, with large ornamental enameled solid silver caps and ferrules, - - - - - per set $36.00

No. 51—9 in., selected genuine stag handle knife, fork and steel, solid sterling silver mountings and ferrules, per set $14.00

No. 53—9 in., selected genuine stag handle knife, fork and steel, sterling silver mountings and ferrules, with bird knife and fork to match, - - - per set of five 25.00

ONE PAIR OR SET IN A BOX.

CARVING KNIVES AND FORKS.

"OUR VERY BEST" WARRANTED PATENT GUARD AND REST.

No. 52—9 in., selected genuine stag handle knife, fork and steel, sterling silver mountings and ferrules, - per set $14.00

No. 54—9 in., selected genuine stag handle knife, fork and steel, sterling silver mountings and ferrules, with bird knife and fork to match, - - - - - per set of five 21.00

No. 3649—9 in. selected genuine stag handle knife, fork and steel, solid silver mountings and ferrules, - - per set $27.00

No. 3654—9 in., genuine stag handle knife, fork and steel, solid silver mountings and ferrules, - - - per set $27.00

No. 3655—9 in., selected genuine stag handle knife, fork and steel, heavy solid silver mountings and ferrules, - per set $27.00

No. 3660—9 in., selected genuine stag handle knife, fork and steel, heavy solid silver mountings, and ferrules, - per set $27.00

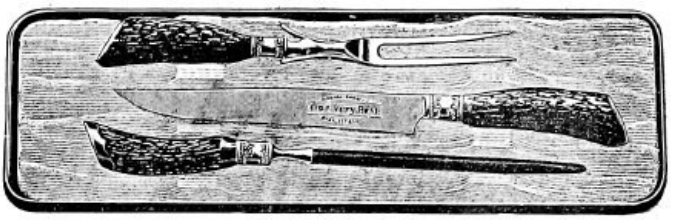
No. 3661—9 in., selected genuine stag handle knife, fork and steel, heavy solid silver mountings and ferrules, - per set $27.00

No. 3666—9 in., selected genuine stag handle knife, fork and steel, heavy solid silver mountings and ferrules, - per set $27.00

ONE PAIR OR ONE SET IN A BOX.

No. 0402—9 in., solid white celluloid handle knife and fork, sterling silver ferrules, - - - - - per pair $6.00
No. 0402—9 in., solid white celluloid handle knife fork and steel, - - - - - - - - per set 8.50

No. 0408—9 in., solid white celluloid handle knife and fork, sterling silver ferrules, - - - - - per pair $6.00
No. 0408—Solid white celluloid handle knife, fork and steel, per set - - - - - - - 8.50



No. 24—8 in., selected genuine stag handle knife, fork and steel, sterling silver mountings in a fancy lined leatherette case, per set - - - - - - - $14.00

MISCELLANEOUS.

No. 695—in., patent stag handle knife and fork, Sheffield steel, per pair - - - - - $1.10

No. 675—9 in., patent stag handle knife and fork, Sheffield steel, per pair - - - - - $1.30

ONE PAIR OR SET IN A BOX.

GAME SHEARS.

No. 9090—11 in., forged steel, nickel plated, lower jaw with serrated edge, - - - - - each $3.10
No. 9091—8⅜ in., forged steel, nickel plated, pearl handle, lower jaw with serrated edge, - - - - each 3.50

No. 9092—11 in., forged steel, nickel plated with black rubber handle - - - - each $2.70
No. 9093—11 in., forged steel, nickel plated. with pearl handle, each - - - - - 4.84

No. 9094—8¾ in., forged steel, nickel plated with pearl handle, each - - - - - $3.00

ONE PAIR IN A BOX HALF DOZEN IN A PACKAGE.

BIRD CARVING KNIVES AND FORKS.

"OUR VERY BEST," WARRANTED.

No. 102B—5 in., stag handle knife and fork - per pair $2.50

No. 110B—5½ in., stag handle knife and fork, - per pair $2.50

No. 106B—6 in., stag handle knife and fork, - per pair $2.50

No. 108B—5 in., stag handle knife and fork, - per pair $2.50

No. 103B—5 in., stag handle knife and fork, sterling silver ferrules, - - - - - - - - per pair $3.30

No. 111B—5½ in., stag handle knife and fork, sterling silver ferrules, - - - - - - per pair $3.30

No. 107B—6 in., stag handle knife and fork, sterling silver ferrules, - - - - - - - - per pair $3.30

No. 109B—5 in., stag handle knife and fork, sterling silver ferrules, - - - - - - - - per pair $3.30

No. 156B—5 in., stag handle knife and fork, sterling silver ferrules, - - - - - - - - per pair $3.30

No. 2107B—6 in., solid ivory celluloid handle knife and fork, sterling silver ferrules, - - - - - per pair $3.50

No. 1111B—5½ in., solid ivory celluloid handle knife and fork, sterling silver ferrules, - - - - - per pair $3.50

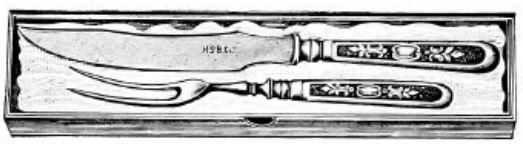
No. 1103B—5 in., solid ivory celluloid handle knife and fork, sterling silver ferrules, - - - - - per pair $3.50

ONE PAIR IN A BOX.

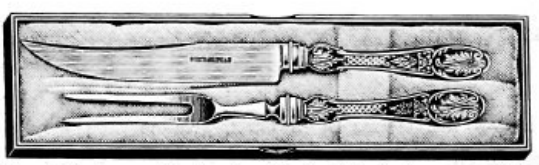
No. 0112B—5½ in., selected stag handle knife and fork, per pair $4.00

No. 0102B—5½ in., selected stag handle knife and fork, per pair $4.00

MISCELLANEOUS BIRD CARVERS.

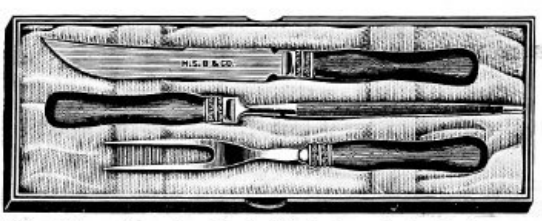


No. 1842—5½ in. blade, solid steel, fancy decorated, nickel plated metal handle knife and full nickel plated fork to match, - - - - - - - - - per pair $1.10



No. 1728—5½ in., solid steel, nickel plated, fancy oxidize handle knife and fork, - - - - - per pair $1.60

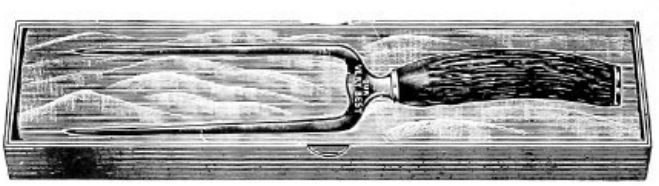
ONE PAIR IN A BOX.



No. 42327—5 in., ebony handle knife, fork and steel, German silver ferrules, - - - - - - - per set $2.00

ONE SET IN A BOX.

CARVERS' ASSISTANTS.



No. 1071—Genuine stag handle, 5 in. silver plated tines, each $2.50
No. 1077—Sterling silver ferrule, otherwise same as No. 1071, - - - - - - - - - each 3.20

These are very useful in carving, as the tines are long and will hold a turkey or a roast in position, giving a good firm grip and making it unnecessary to remove until all are served.

ONE IN A FANCY LINED BOX.

TABLE STEELS.

No. 081—8 in., magnetic family steel, enameled handle, per dozen, - - - - - - - - - - $3.20

No. 65—8 in., new double cut, genuine stag handle, German silver ferrule and cap, - - per dozen $7.50

No. 76—8 in., genuine stag handle, German silver ferrule and cap, - - - - - - - per dozen $7.50

No. 31.

No. 31—8 in., H. S. B. & Co's, genuine stag handle, per dozen, - - - - - - - - $8.10

No. 725—8 in., J. RUSSELL & Co's, genuine stag handle, per dozen, - - - - - - - - 9.60

No. 1015—8 in., genuine stag handle, - - per dozen $9.60

No. 32—8 in., genuine stag handle, silver ferrule, per dozen $10.60

No. 25—8 in., genuine stag handle, sterling silver ferrule, per dozen, - - - - - - - - $14.40

No 760F—8 in., stag handle, silver plated ferrule, per dozen $14.40

No. 740F—8 in., stag handle, silver plated ferrule, per dozen $14.40

HALF DOZEN IN A BOX.

No. 0108—8 in., genuine stag handle, sterling silver ferrule, per dozen, - - - - - - - - $15.50

No. 340—8 in., solid rubber handle, - - per dozen $10.60

No. 80—8 in., solid rubber handle, - - per dozen $10.80

No. 84.

No. 84—8 in., solid rubber swell handle, - per dozen $11.60

No. 85—8 in., solid rubber swell handle, - " 11.60

No. 2440—8 in., solid celluloid handle, - per dozen $9.60

No. 50—8 in., solid rubber handle, - - per dozen $10.80

No. 40—8 in., solid ivoride handle, - - per dozen $14.40

No. 30—8 in., solid ivoride handle, - - per dozen $14.40

No. 030—8 in., solid ivoride handle, sterling silver ferrule, per dozen, - - - - - - - $21.60

HALF DOZEN IN A BOX.

BUTCHER KNIVES AND STEELS.

BUTCHERS' STEELS.

"OUR VERY BEST."
Polished Hardwood Handle.

No. 570 OVB—Blade	10	12	14 in.
Per dozen	$9.00	12.00	15.00

HALF DOZEN IN A BOX.

"OUR VERY BEST."
Fancy Handle, Magnetic Steel.

No. 72 OVB—Blade	10	12	14 in.
Per dozen	$9.50	12.00	15.00

HALF DOZEN IN A BOX.

"OUR VERY BEST."
Rosewood Handle.

No. 820 OVB—Blade	10	12	14 in.
Per dozen	$11.25	13.50	16.15

HALF DOZEN IN A BOX.

LEE'S, Polished Hardwood Handle.

No. 102—Blade	10	12	14 in.
Per dozen	$13.50	17.30	20.30

HALF DOZEN IN A BOX.

WILSON'S, Rosewood Handle.

No. 82—Blade	10	12	14 in.
Per dozen	$16.40	19.90	24.40

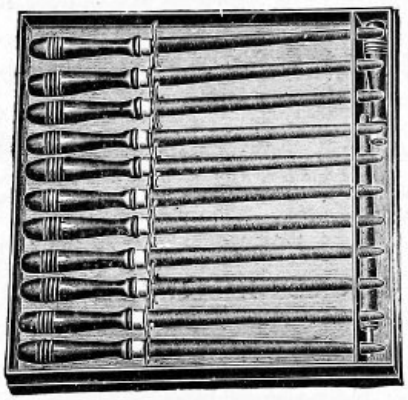
HALF DOZEN IN A BOX.

WILSON'S, Stag Handle.

No. 66—Blade	10	12	14 in.
Per dozen	$19.10	21.40	26.00

HALF DOZEN IN A BOX.

CORUNDUM STEELS.



No. 3—8 in., solid corundum and emery, steel rod extends full length of center, black rubberoid handle securely screwed to rod.....per dozen $1.30

These are exceptionally well made and finished. The rubberoid handle gives a nice appearance.

ONE DOZEN IN AN EASEL DISPLAY BOX.

SPLITTING KNIVES.

"OUR VERY BEST."

No. 490 OVB—Length of blade 12 in., thickness of blade on the back ¼ in., beech handle securely held in place by three heavy brass screw rivets, w't per doz. 15 lbs .....per doz $21.00

This knife is especially designed for hotel, restaurant and family use. Indispensable for splitting meat carcasses and the like.

ONE-QUARTER DOZEN IN A BOX.

BUTCHER KNIVES.

"REV-O-NOC."
Beech Handle, Extra Finish, Warranted Quality.

Nos.	446	446½	447
Blade	6	6½	7 in.
Per dozen	$3.00	3.30	3.80

Nos.	448	449	450
Blade	8	9	10 in.
Per dozen	$5.00	6.00	8.00

HALF DOZEN IN A BOX.

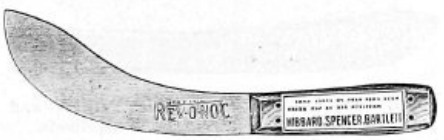
STICKING KNIVES.

"REV-O-NOC."

No. 468 REVONOC—6 in. blade, beechwood handle extra finish, warranted per dozen..... $3.30

HALF DOZEN IN A BOX.

SKINNING KNIVES.



"REV-O-NOC."

No. 460 REVONOC—6 in. blade, beechwood handle, extra finish, warranted per dozen..... $4.00

HALF DOZEN IN A BOX.

BUTCHER KNIVES.

No. 285—6 in. blade, solid beechwood handle.....per dozen $1.50

HALF DOZEN IN A BOX.

BUTCHER KNIVES.

"REV-O-NOC."

No. 955 REVONOC—6 in. blade, cocobolo handle, with bolster.....per dozen $4.00

HALF DOZEN IN A BOX.

No. 85—6 in. blade, solid cocobolo handle, per dozen..... $1.90

HALF DOZEN IN A BOX.

No. 20—6 in. blade, cocoa handle per dozen $2.50

ONE DOZEN IN A BOX.

No. 851—6 in. blade, solid cocobolo handle, with bolster.....per dozen $2.50

HALF DOZEN IN A BOX.

No. 21—6 in. blade, cocoa handle, with bolster.....per dozen $3.00

ONE DOZEN IN A BOX.

Cocobolo Handle, with Bolster.

No. 95—Blade	6	7	8 in.
Per dozen	$3.50	5.20	6.30

HALF DOZEN IN A BOX.

Cocoa Handle, with Bolster.

No. 5692—Blade	6	7	8 in.
Per dozen	$5.00	5.50	6.00

HALF DOZEN IN A BOX.

"OUR VERY BEST" BUTCHER KNIVES.

BUTCHER KNIVES.

Beechwood Handle, Polished Swage, Three Large Brass Saw Screw Rivets.

No. 490 OVB —

Blade	6	6½	7	8 in.
Per dozen	$4.00	5.00	5.80	7.00

No. 490 OVB —

Blade	9	10	12	14 in.
Per dozen	$9.00	10.50	14.00	17.00

HALF DOZEN IN A BOX.

RIBBING KNIVES.

No. 487 OVB —9 in. blade, beechwood handle, polished swage, three large brass saw screw rivets .....per dozen $9.50

HALF DOZEN IN A BOX.

STICKING KNIVES.

No. 492 OVB —6 in. blade, beechwood handle, three large saw screw rivets, per dozen..... $4.00

HALF DOZEN IN A BOX.

SKINNING KNIVES.

Beechwood Handle, Three Large Brass Saw Screw Rivets.

No. 483 OVB —Blade 5 5½ 6 in.
Per dozen.....$3.80 4.20 4.70

HALF DOZEN IN A BOX.

BONING KNIVES.

No. 494 OVB —6½ in. blade, beechwood handle, three large brass saw screw rivets.....per dozen $4.70

HALF DOZEN IN A BOX.

BUTCHER KNIVES.

Nos.	305	305½	306
Blade	5	5½	6 in.
Per dozen	$3.40	3.60	4.00

Nos.	306½	307	308	309
Blade	6½	7	8	9 in.
Per dozen	$4.80	5.80	7.50	9.50

Nos.	310	312	314
Blade	10	12	14 in.
Per dozen	$11.50	15.50	22.00

HALF DOZEN IN A BOX.

STICKING KNIVES.

No. 392 OVB —6 in. blade, beechwood handle, extra finish.....per dozen $4.00

HALF DOZEN IN A BOX.

SKINNING KNIVES.

No. 383 OVB —6 in. blade, beechwood handle, extra finish.....per dozen $5.00

HALF DOZEN IN A BOX.

BONING KNIVES.

No. 394 OVB —6½ in. blade, beechwood handle, extra finish.....per dozen $4.00

HALF DOZEN IN A BOX.

BUTCHER KNIVES.

Solid Rosewood Handle, Extra Finish, Polished Swage Solid Bolster.

Nos.	206	207	208
Blade	6	7	8 in.
Per dozen	$6.00	8.00	10.00

HALF DOZEN IN A BOX.

Rosewood Handle, Extra Finish, Polished Swage.

Nos.	106	106½	107	108
Blade	6	6½	7	8 in.
Per dozen	$7.00	7.50	8.00	9.50

HALF DOZEN IN A BOX.

HOUSEHOLD KNIVES.

No. 601 OVB —6 in. blade, finest quality forged steel blade, polished and swaged, boxwood handle, brass rivets, extra fine quality and finish .....per dozen $7.50

HALF DOZEN IN A BOX.

BUTCHER KNIVES.

Finest Quality Forged Steel Blade, Polished and Swaged, Boxwood Handle, Brass Rivets.

Nos.	606	606½	607	608
Blade	6	6½	7	8 in.
Per dozen	$6.00	7.00	8.30	10.00

Nos.	609	610	612
Blade	9	10	12 in.
Per dozen	$11.50	14.00	18.00

HALF DOZEN IN A BOX.

Finest Quality Forged Steel Blade, Polished and Swaged, Solid Cocobolo Handle, Steel Bolster, German Silver Ferrule.

No. 200 OVB —Blade	6	7	8 in.
Per dozen	$7.50	9.00	11.00

HALF DOZEN IN A BOX, WITH EASEL DISPLAY.

BUTCHER KNIVES.

Cocoa Handle, Polished Swaged Blade, Three Brass Saw Screw Rivets.

No. 984 OVB —Blade	6	7	8 in.
Per dozen	$7.00	8.50	10.50

Genuine Ebony Handle, Polished Swaged Blade, Three Brass Saw Screw Rivets.

No. 784 OVB —Blade	6	7	8 in.
Per dozen	$7.50	9.00	11.00

These knives are of special shape and design. The top edge of the knife is perfectly straight, the lower or cutting edge bulges out from the heel or bolster making quite a bulge toward the point.

HALF DOZEN IN A BOX.

Hand Forged, Polished Steel Blade, Ebony Handle, Saw Screw Rivets, Extra Fine Quality, Warranted.

No. 100 OVB —Blade	6	6½	7	8 in.
Per dozen	$6.50	7.50	8.50	11.00

No. 100 OVB —Blade	9	10	12	14 in.
Per dozen	$13.00	16.00	21.50	27.00

HALF DOZEN IN A BOX.

Solid Aluminum Handle, Polished, Swaged, Highly Finished.

No. 797 OVB —Blade	6	7	8 in.
Per dozen	$8.00	12.00	14.00

The handle is strictly sanitary, no cracks, crevices nor openings for grease, dirt or other accumulations to gather. Will not come off.

HALF DOZEN IN A BOX.

LUNCH KNIVES.

No. 7218 OVB —7½ in. blade, ¾ in. wide at handle, very flexible, polished, swaged, solid aluminum handle, highly finished.....per dozen $10.50

This knife is especially designed for use in the kitchen as a slicer for bread, meat, etc.

The handle is strictly sanitary, no cracks, crevices nor openings for grease, dirt or other accumulations to gather. Will not come off.

HALF DOZEN IN A BOX.

CHICKEN KILLING KNIVES.

No. 496 OVB —3½ in. blade, beechwood handle, extra fine quality, hand forged, warranted, 3 large brass saw screw rivets holding handle in place .per dozen $4.00

HALF DOZEN IN A BOX.

BUTCHER KNIVES.

BLACK DIAMOND BUTCHER KNIVES.

Hand Forged Swaged Blade, Cocoa Handle, Metal Bolster, Polished Large Head Brass Rivets.

No. 99—Blade	6	7	8 in.
Per dozen	$5.50	6.00	6.50

HALF DOZEN IN A BOX.

Hand Forged, Polished, Swaged Blade, Cocoa Handle, Metal Bolster, Polished Brass Saw Screw Rivets.

No. 110—Blade	6	7	8 in.
Per dozen	$6.00	8.00	10.00

HALF DOZEN IN A BOX.

Solid Cocobolo Handle, Extra Fine Quality, Hand Forged, Fancy Bolster.

No. 60—Blade	6	6½	7	8 in.
Per dozen	$6.00	6.50	7.00	8.00

HALF DOZEN IN A BOX.

No. 0105—6 in., hand forged, polished swaged steel blade, extra fine quality and finish, boxwood handle, brass rivets, per dozen..... $4.80

HALF DOZEN IN A BOX.

HIB-SPE-BAR BUTCHER KNIVES.

Hand Forged, Polished Steel Blade, Cocoa Handle, Saw Screw Rivets, Extra Fine Quality, Warranted.

No. 190—Blade	6	7	8 in.
Per dozen	$7.00	8.50	11.00

HALF DOZEN IN A BOX.

Hand Forged, Polished Steel Blade, Beechwood Handle, Extra Fine Quality, Warranted.

No. 90—Blade	6	6½	7	8 in.
Per dozen	$4.00	4.70	5.50	7.00

No. 90—Blade	9	10	12	14 in.
Per dozen	$8.50	11.50	17.50	21.50

HALF DOZEN IN A BOX.

HIB-SPE-BAR STICKING KNIVES.

No. 92—6 in., hand forged, polished steel blade, extra fine quality, beechwood handle.....per dozen $4.00

HALF DOZEN IN A BOX.

HIB-SPE-BAR SKINNING KNIVES.

Hand Forged, Polished Steel Blade, Extra Fine Quality Beechwood Handle.

No. 93—Blade	5	5½	6 in.
Per dozen	$3.80	4.20	4.70

HALF DOZEN IN A BOX.

HIB-SPE-BAR BONING KNIVES.

No. 94—6½ in., hand forged, polished steel blade, extra fine quality, beechwood handle.....per dozen $4.70

HALF DOZEN IN A BOX.

HIB-SPE-BAR BUTCHER KNIVES.

Hand Forged, Polished and swaged Steel Blade, Boxwood Handle, Extra Fine Quality, Warranted.

No. 105—Blade	6	6½	7	8 in.
Per dozen	$5.50	6.50	7.00	9.00

No. 105—Blade	9	10	12	14 in.
Per dozen	$11.00	15.00	19.00	23.00

HALF DOZEN IN A BOX.

BLACK DIAMOND HOUSEHOLD KNIVES.

Hand Forged, Polished Swaged Steel Blade, Extra Fine Quality and Finish, Boxwood Handle, Brass Rivets.

No. 418—Blade	6	7	8 in.
Per dozen	$7.00	9.00	11.00

HALF DOZEN IN A BOX.

HIB-SPE-BAR HOUSEHOLD KNIVES.

No. 618—6 in., hand forged, polished swaged steel blade, extra fine quality and finish, cocoa handle, saw screw brass rivets.....per dozen $7.00

HALF DOZEN IN A BOX.

HIB-SPE-BAR HOUSEHOLD KNIVES.

No. 3908—9 in., hand forged, polished swaged steel blade, extra fine quality and finish, box wood handle, large brass rivets.....per dozen $8.00

No. 2908—Ebony handle, otherwise same as No. 3908 .....per dozen 8.50

HALF DOZEN IN A BOX.

"OUR VERY BEST" STEAK KNIVES.

No. 983 C·V·D—Genuine cocobolo handle, extra fine quality swaged blade, hand forged, with three heavy brass screw rivets, warranted,

10 in..... per dozen $13.50
12 in..... " 18.00

HALF DOZEN IN A BOX.

HIB-SPE-BAR STEAK KNIVES.

Boxwood Handle, Six Brass Pins, Not Labeled.

No. 1060—Blade	10	12	14 in.
Per dozen	$15.00	19.00	23.00

Beechwood Handlle, Six Brass Pins, Labeled.

No. 81—Blade	10	12	14 in.
Per dozen	$11.50	17.50	21.50

HALF DOZEN IN A BOX.

Ebony Handle, Three Large Brass Saw Screw Rivets.

No. 101—Blade	10	12	14 in.
Per dozen	$16.00	21.50	27.00

HALF DOZEN IN A BOX.

RUSSELL'S BUTCHER KNIVES.

Diamond, Beechwood Handle.

No. 012—Blade	5	5½	6 in.
Per dozen	$3.80	4.00	4.40

No. 012—Blade	6½	9 in.
Per dozen	$5.30	10.50

No. 012—Blade	10	12	14 in.
Per dozen	$13.00	18.30	25.10

ONE DOZEN IN A BOX.

RUSSELL'S STICKING KNIVES.

Diamond, Beechwood Handle.

No. 012—Blade	6	6½	7 in
Per dozen	$4.40	5.30	6.40

ONE DOZEN IN A BOX.

BUTCHER KNIVES AND COOKS' FORKS.

RUSSELL'S SKINNING KNIVES.

Diamond, Beechwood Handle.

No. 012—Blade	5	5½	6	6½	7 in.
Per dozen	$3.30	3.45	3.75	4.35	5.10

ONE DOZEN IN A BOX.

RUSSELL'S BUTCHER KNIVES.

Rosewood Handle.

No. 1540—Blade	5	5½	6 in.
Per dozen	$3.25	3.45	3.60
No. 1540—Blade	6½	7	8 in.
Per dozen	$4.35	5.25	6.75
No. 1540—Blade	9	10	12 in.
Per dozen	$8.65	10.50	13.15

ONE DOZEN IN A BOX.

RUSSELL'S STICKING KNIVES.

No. 1540—6 in. blade, rosewood handle, per dozen..... $3.60

ONE DOZEN IN A BOX.

RUSSELL'S SKINNING KNIVES.

No. 1540—6 in. blade, rosewood handle, per dozen..... $4.35

ONE DOZEN IN A BOX.

DEXTER SKINNING KNIVES.

No. 1576—6 in. crucible steel blade, ground sharp, swaged on both sides, oiled solid beechwood handle, 2 large steel rivets and burrs.....per dozen $7.00

ONE DOZEN IN A BOX.

RUSSELL'S BUTCHER KNIVES.

Solid Rosewood Handle.

No. 518—Blade	6	6½	7	8 in.
Per dozen	$3.90	4.35	5.25	6.75

ONE DOZEN IN A BOX.

Diamond, Rosewood Handle.

No. 1525—Blade	6	7	8 in.
Per dozen	$5.65	7.15	8.65

ONE DOZEN IN A BOX.

RUSSELL'S BUTCHER KNIVES.

Rosewood Handle, Solid Forged Bolster.

No. 01512—Blade	6	7	8 in.
Per dozen	$8.25	10.15	12.00

ONE DOZEN IN A BOX.

JOHN WILSON'S BUTCHER KNIVES.

Beechwood Handle.

Blade	5	5½	6	6½ in.
Per dozen	$3.00	3.60	3.60	4.80
Blade	7	8	9 in.	
Per dozen	$6.00	7.20	8.40	
Blade	10	11	12	14 in.
Per dozen	$10.80	13.20	15.00	24.00

HALF DOZEN IN A BOX.

JOHN WILSON'S RIBBING KNIVES.

9 in., beechwood handle, ground extra thin.....per dozen $9.00

ONE DOZEN IN A BOX.

JOHN WILSON'S STICKING KNIVES.

Beechwood Handle.

Blade	5½	6	6½	7 in.
Per dozen	$3.60	3.60	4.80	6.00

HALF DOZEN IN A BOX.

JOHN WILSON'S BONING KNIVES.

6½ in. Wilson's, beechwood handle, per dozen..... $4.80

HALF DOZEN IN A BOX.

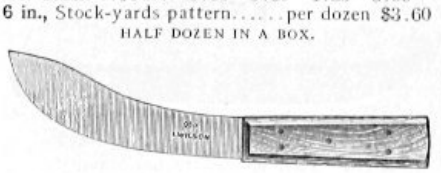
JOHN WILSON'S SKINNING KNIVES.

Wilson's, Beechwood Handle.

Blade	5	5½	6	6½	7 in.
Per dozen	$3.00	3.60	3.60	4.80	6.00

6 in., Stock-yards pattern.....per dozen $3.60

HALF DOZEN IN A BOX.



No. 4496—Russell pattern, 6 in. blade, 4¼ in. beechwood handle...per dozen $5 00

HALF DOZEN IN A BOX

JOHN WILSON'S BONING KNIVES.

No. 5145—6 in. blade, 5¼ in. beechwood handle, 2 steel saw screw rivets, per dozen..... $5.30

HALF DOZEN IN A BOX.

JOHN WILSON'S SPECIAL STEAK KNIVES.

No. 4574—10 in. Wilson's, beechwood handle.....per dozen $10.80

HALF DOZEN IN A BOX.

JOHN WILSON'S BOOMERANG STEAK KNIVES.

No. 3309	10	11 in.
Per dozen	$10.80	13.20

HALF DOZEN IN A BOX.

COOKS' FORKS.

No. 1996—One piece heavy steel wire, nickel plated, 13¾ in.....per dozen $2.40

HALF DOZEN IN A BOX.

No. 323—Solid beechwood handle, stained, full length 11 in., polished tines, nickel plated ferrule...per dozen $2.50

ONE DOZEN IN A BOX.

No. 44—Solid beechwood handle, 14 in., nickel plated.....per dozen $2.50

HALF DOZEN IN A BOX.

For Hotel, Restaurant or Camp Use.

No. 3—Cocoa handle, 12¾ in., heavy polished steel, saw screw rivet, per dozen $4.00

No. 800—Beechwood handle, 20½ in., otherwise same as No. 3.....per dozen 5.00

HALF DOZEN IN A BOX.

Solid Steel Fork, Scale Tang Handle.

No. 70—Beechwood handle, 12 in., per dozen..... $10.50

No. 71—Beechwood handle, 13¼ in., per dozen..... 15.40

No. 80—Ebony handle, 12 in., per dozen 13.00

No. 81—Ebony handle, 13¼ in., per dozen..... 17.50

HALF DOZEN IN A BOX.

No. 60—Ebony handle, 16½ in., no guard, per dozen..... $16.00

No. 61—Ebony handle, 10½ in., with guard.....per dozen 17.00

HALF DOZEN IN A BOX.

MISCELLANEOUS KNIVES.

BREAD KNIVES.

"OUR VERY BEST."

No. 980 O.V.B.—8 in. blade, cocoa handle, extra finish ..... per dozen $6.00

HALF DOZEN IN A BOX.

No. 240—7½ in. blade, cocoa handle, with bolster..... per dozen $4.00

ONE DOZEN IN A BOX.

No. 442—7¾ in. blade, ebonoid handle, with ferrule..... per dozen $3.20

ONE DOZEN IN A BOX.

No. 44—8 in. blade, cocoa handle, with bolster..... per dozen $4.50

ONE DOZEN IN A BOX.

No. 61—9 in. swaged blade, solid cocobolo, handle, fancy bolster..... per dozen $5.00

HALF DOZEN IN A BOX.

No. 1955—Russell & Co's., 8 in. blade, solid ebony handle..... per dozen $10.50

HALF DOZEN IN A BOX.

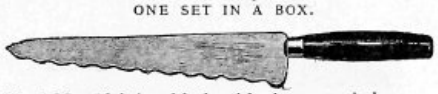
No. 9—8½ in. forged steel swaged blade, patent cutting edge, enameled handle, nickel plated cap ferrule..... per dozen $3.00

The blade is forged and not blanked from sheet steel. It is tapered from back to edge and beautifully ground. The cutting edge is the same on either side, and very sharp. This knife will cut hot or cold bread or cake equally well, and cake frosting is not cracked or broken. It makes a perfectly smooth and clean cut. It can be sharpened in the same manner as a common knife.

ONE IN A BOX.

No. 305—Combination bread sets, consisting of one each, bread, cake and paring knife, with black enameled solid hardwood handle, and nickel plated ferrule..... per dozen sets $2.55

ONE SET IN A BOX.



No. 308—9¾ in. blade, black enameled solid hardwood handle, with ferrule, per dozen..... $1.00

ONE DOZEN IN A BOX.

GENUINE CHRISTY BREAD KNIVES.

No. 1—Sets, including bread, cake and paring knife, fine steel blades, nickel plated..... per dozen sets $9.00

No. 2—Bread knives, 9½ in., fine steel blade, nickel plated..... per dozen 4.50

ONE IN A PASTEBOARD ENVELOPE.

"OUR VERY BEST" COOKS' KNIVES.

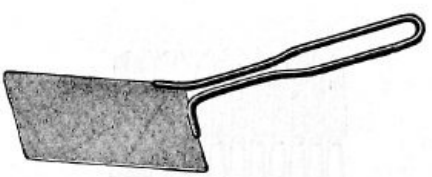
French Pattern, Genuine Ebony Handle Securely Fastened by Three Highly Polished Genuine Brass Saw Screw Rivets.

No. 266 O.V.B.—

Length	5	6	7	8 in.
Per dozen	$ 4.00	6.00	8.00	10.00
Length	9	10	12	14 in.
Per dozen	$12.00	14.00	16.00	18.00

HALF DOZEN IN A BOX.

COOKING KNIVES.



No. 623—Teller, full length 10 in., blade 4¼×2¼ in., mallaca plated, broad, thin blade, heavy tinned wire handle, for chopping potatoes, turning cakes, eggs, fish, omelettes, etc., for removing cookies from tins.... per dozen $1.80

As the blade is broad and thin, the food can be turned without breaking.

ONE DOZEN IN A BOX.

HAM SLICERS OR BREAD KNIVES.

Finest Quality Hand Forged Swaged Blade, Warranted, Very Flexible, Ebony Handle.

No. 318—Black Diamond, 10¼ in. blade, no bolster..... per dozen $9.00

No. 316—Black Diamond, 10¼ in. blade, with bolster..... per dozen 10.50

HALF DOZEN IN A BOX.

Finest Quality Hand Forged Swaged Blade, Warranted, Very Flexible, Ebony Handle.

No. 319—Black Diamond, 10¼ in. blade, no bolster..... per dozen $9.00

No. 317—Black Diamond, 10¼ in. blade, with bolster..... per dozen 10.50

HALF DOZEN IN A BOX.

"OUR VERY BEST."

Solid Rubber Handle, With Bolster, Extra Fine Quality.

No. 217R O.V.B.—10 in. elastic blade, *round point*..... per dozen $16.00

No. 217S O.V.B.—10 in. elastic blade, *square point*..... per dozen 16.00

HALF DOZEN IN A BOX.

BEEF SLICERS.

Finest Quality Hand Forged Blade, Warranted, Very Flexible, Solid Ebony Handle.

No. 660—Blade	12	14	16 in.
Per dozen	$18 00	22.50	27.00

HALF DOZEN IN A BOX.

"OUR VERY BEST" ROYAL SLICERS.

No. 1901 O.V.B.—9½ in. hand forged blade, cocoa handle held securely by three large brass saw screw rivets, per dozen..... $6.50

These are of extra fine quality. The blade is etched "O. V. B." and our trade mark is also stamped on the handle.

HALF DOZEN IN A BOX.

IMPORTED FRENCH SABATIER SLICERS.

Hand Forged Blade, Solid Ebony Handle.

Blade....	3	4	5	6	7 in.
Per dozen	$3.40	3.60	4.30	5.20	6.00
Blade....	8	9	10	12	14 in.
Per dozen	$7.20	8.40	10.00	13.50	22.40

ONE DOZEN IN A BOX.

"OUR VERY BEST" SABATIER SLICERS.

Hand Forged Blade, Solid Ebony Handle, German Silver Bolster, Tang Run Through Handle and Riveted, Made in France.

No. 100 O.V.B.—Blade	4	5	6 in.
Per dozen	$2.50	2.90	3.50
No. 100 O.V.B.—Blade	7	8	9 in.
Per dozen	$4.15	5.00	5.65
No. 100 O.V.B.—Blade	10	12	14 in.
Per dozen	$6.45	9.00	13.15

ONE DOZEN IN A BOX.

"OUR VERY BEST" HOTEL SLICERS.

Finest Quality Hand Forged Blade, Solid Ebony Handle, Steel Bolster.

No. 65 O.V.B.—

Blade.....	12	14	16	18	20 in.
Per dozen	$30.00	36.00	42.00	60.00	72.00

HALF DOZEN IN A BOX.

Finest Quality Hand Forged Blade, Very Flexible, Solid Ebony Handle, Steel Bolster.

No. 66 O.V.B.—

Blade.....	12	14	16	18	20 in.
Per dozen	$36.00	40.00	46.00	66.00	84.00

HALF DOZEN IN A BOX.

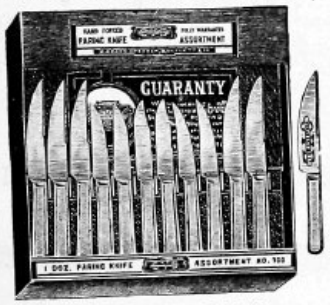
PARING KNIVES AND ASSORTMENTS.

PARING KNIFE ASSORTMENTS.

"OUR VERY BEST."

No. 300 ⊕V⊕ —Assortment consisting of 1 dozen knives with ebonoid handles, (branded Hibbard, Spencer, Bartlett & Co.) with flattened sides to prevent rolling, with 3 in. pocket knife blades hand forged from Wardlow's crucible steel, handsomely crocus polished and etched with ⊕V⊕ trade mark, nickel plated ferrules, assorted blades, razor point, clip point and sheep foot point, unconditionally warranted ...per assortment $4.00

ONE DOZEN IN A HANDSOME DISPLAY EASEL.



"OUR VERY BEST."

No. 700 ⊕V⊕ —Consisting of one dozen knives, 3¼ in. solid aluminum handles, polished steel blades assorted 3 to 3½ in., per assortment..... $4.00

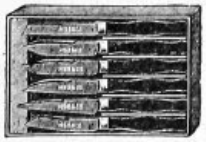
The blades on these knives are made of a special steel honed to a fine edge by hand. The handles are solid aluminum cast around the blades and are practically indestructible and very sanitary as there are no crevices nor holes for dirt and grease to lodge in.

ONE DOZEN ON EASEL DISPLAY STAND.

"OUR VERY BEST."

No. 3789 ⊕V⊕ —Assortment consisting of one dozen paring knives with stag handles and polished steel blades, assorted kinds and lengths, per assortment $2.50

ONE DOZEN ON EASEL DISPLAY STAND.



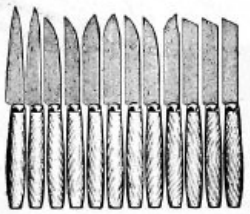
No. 510—Assortment consisting of one dozen paring knives, with ebonized handles and polished steel swaged blades with ferrules, assorted kinds and lengths, per dozen..... $1.20

ONE DOZEN IN A BOX.

PARING KNIFE ASSORTMENTS.

No. 500 Assortment—Consisting of one dozen paring knives, with enameled hardwood handles and steel blades, of assorted kinds and lengths, per assortment..... $1.20

ONE ASSORTMENT IN A BOX.



No. 600 Assortment—Consisting of one dozen paring knives, with whitewood handles and steel blades, of assorted kinds and lengths.....per assortment $0.60

ONE ASSORTMENT IN A BOX.

PARING KNIVES.

No. 0102N—Hib-Spe-Bar, pocket knife, polished steel blade, cocoa handle, per dozen..... $3.15

HALF DOZEN IN A BOX.

No. 017—Beechwood handle, 3¼ in. blade.....per dozen $0.80

No. 17—Delmonico, beechwood handle, 3 in. blade.....per dozen .90

ONE DOZEN IN A BOX.

No. 12—Beechwood handle, 3 in. blade, per dozen..... $0.90

TWO DOZEN IN A BOX.

No. 50—Ajax, oiled hardwood handle, 3¾ in. blade.....per dozen $1.00

ONE DOZEN IN A BOX.

"OUR VERY BEST."

No. 713 ⊕V⊕ —Enameled hardwood handle, 3¼ inch blade.....per dozen $1.25

ONE DOZEN IN A BOX.

PARING KNIVES.

No. 3—Cocoa handle, 2¼ in. blade, per dozen..... $1.25

TWO DOZEN IN A BOX.

No. 8—Imported French sabatier pattern, ebony handle, 3 brass bushed rivets, 4⅛ in. blade.....per dozen $1.50

TWO DOZEN IN A PACKAGE.

"OUR VERY BEST."

No. 777 ⊕V⊕ —Ebony handle, 3½ in. blade.....per dozen $1.50

ONE DOZEN IN A BOX.

No. 123½—3½ in. crucible steel blade, sharp point, nickel plated ferrule, ebonized handle.....per dozen $1.50

ONE DOZEN IN A BOX.

No. 6—Russell, steel, solid beechwood handle, with brass ferrule....per dozen $1.90

ONE DOZEN IN A BOX.

No. 13 —Russell, beechwood handle, per dozen..... $1.50

No. 13D—Russell, hand forged steel blade, rosewood handle.....per dozen 2.80

TWO DOZEN IN A BOX.

No. 28 — Black Diamond, beechwood handle.....per dozen $1.30

ONE DOZEN IN A BOX.

No. 29—Black Diamond, polished hardwood handle.....per dozen $1.30

ONE DOZEN IN A BOX.

No. 30—Black Diamond, cocoa handle, per dozen..... $1.50

ONE DOZEN IN A BOX.

No. 27—Black Diamond, polished hardwood handle, extra finish....per dozen $1.80

ONE DOZEN IN A BOX.

No. 35—Hib-Spe-Bar, 4 in. polished steel blade, stag handle.....per dozen $3.00

ONE DOZEN IN A BOX.

MISCELLA EOUS KNIVES.

PARING KNIVES.

Champion, parer and corer, length 6⅝ in., enameled hardwood handle, finest English steel, 3½ in. blade.....per dozen $1.20
ONE DOZEN IN A BOX.

Famous, parer and slicer, beechwood handle, nickel plated ferrule and blade, full length 7¼ in., 2¾ in. blade, per dozen..... $1.20
ONE DOZEN IN A BOX.

No. 087—Imported French sabatier pattern, cocobolo handle, 4½ in. polished steel blade, metal bolster....per dozen $4.00
ONE DOZEN IN A BOX.

No. 43—California, solid beechwood handle, 2¼ in. blade, hard steel points, per dozen..... $1.00
ONE DOZEN IN A BOX.

CIGAR KNIVES.

No. 13—Beechwood handle.....per dozen $2.65
ONE DOZEN IN A BOX.

LEMON KNIVES.

No. 55—Dexter, 4⅜ in. crucible tool steel blade, nickel plated and polished, burnt hardwood handle, brass ferrule, per dozen..... $4.00
ONE DOZEN IN A BOX.

No. 65—Solid ebony handle, 5½ in. silver plated blade .....per dozen $16.20
HALF DOZEN IN A BOX.

"OUR VERY BEST" BROOM CORN KNIVES.

3¼ Inch Burnt Hardwood Handle, Brass Ferrule, Curved Blade, Highly Polished.
No. 44½ OVB—4½ in. blade..per dozen $3.30
No. 45½ OVB—5½ in. blade.. " 3.80
ONE DOZEN IN A BOX.

"OUR VERY BEST" SHOE KNIVES.

Burnt Hardwood Handle, Steel Ferrule, Square Point Blade.
No. 40 OVB—3½ in. blade ...per dozen $1.60
No. 45 OVB—4 in. blade ... " 1.60
These knives are of a superior quality of steel, and are highly finished.
ONE DOZEN IN A BOX.

SHOE KNIVES.

No. 03.
No. 02—Burnt hardwood handle, brass ferrule, 3 in. square point blade, per dozen..... $1.25
No. 03—Burnt hardwood handle, brass ferrule, 3½ in. square point blade, per dozen..... 1.25
ONE DOZEN IN A BOX.

No. 3. Round Point.

AMES' Cast Steel, Black Handle, Round or Square Point.

Nos.....	1	2	3	4
Square Point, per dozen..	$1.30	1.30	1.45	1.50
Round Point, per dozen...	1.30	1.30	1.45	1.50

ONE DOZEN IN A BOX.

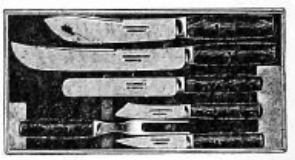
AMES' Silver Steel, Beechwood Handle, Brass Ferrule, Square Point.

Nos..	2	3	4
Per dozen	$1.50	1.50	1.80

ONE DOZEN IN A BOX.

No. 15—John Russell & Co's, beechwood handle, brass ferrule, diamond steel, hand forged.....per dozen $3.00
ONE DOZEN IN A BOX.

KITCHEN KNIFE SETS.



No. 4600 Assortment—Consists of 1 butcher knife, 1 bread knife, 1 table knife, 2 paring knives, 1 kitchen fork, high grade forged steel blades and fork tines, genuine cocobolo handles, per dozen assortments..... $15.00

The handles are made of Central America cocobolo wood, having no creases or cracks to collect dirt and are water proof.

GRAPE FRUIT KNIVES.

No. 25—4⅜ in. crucible tool steel blade, nickel plated, and polished imitation ebony hardwood handle, nickel plated ferrule, blade nicely curved and handsomely finished.....per dozen $6.00
ONE DOZEN IN A BOX.

GRAPE FRUIT KNIVES.

No. 26—Charles, French pattern, full length 8 in., length of blade 4 in., unplated, brass ferrule, solid ebony handle, tang running entirely through the handle and riveted at the end so that the handle cannot come off; curved blade for preparing grape fruit for the table.....per dozen $4.00
TWO DOZEN IN A BOX.

ASPARAGUS SPUDS.

No. 94—Drop-forged, polished forked steel blade, enameled shank, birch handle, polished ferrule, length 14 in., per dozen..... $5.00
This tool is indispensable as garden weeder and asparagus knife.
HALF DOZEN IN A BOX.

PEPPER MILLS, NUTMEG GRATERS, VEGETABLE EYERS, ETC.

PEPPER MILLS.

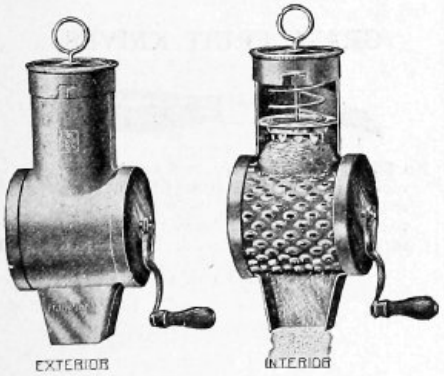
No. 240C. No. 229C.

No. 240C—2½ in. high, polished walnut, nickel plated trimmings.....per dozen $4.00

No. 229C—2¾ in. high, polished walnut, nickel plated trimmings.....per dozen 8.00

ONE DOZEN IN A PACKAGE.

NUTMEG GRATERS.



Ever Ready, extra heavy sheet metal, nickel plated .....per dozen $4.00

Simple, clean and durable, will not rust and will not grate the fingers. Always keeps the nutmeg fresh.

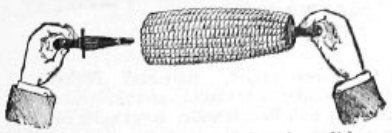
ONE DOZEN IN A PACKAGE.

PINEAPPLE EYE SNIPS.

No. 1—PACK'S, eye snips, japanned trimmer handles, nickel plated jaws, length 5¾ in.....per dozen $3.00

ONE DOZEN IN A BOX.

HOT CORN HOLDERS.



Perfection, heavily nickel plated, solid white metal, length 1¾ in., per dozen pairs..... $2.00

ONE PAIR ON A CARD, HALF GROSS IN BOX.

FRUIT AND VEGETABLE EYERS.

No. 3—PEERLESS, length 6 in., beech handle, nickel plated steel scoop or spoon with sharp edges, nickel plated ferrule .....per dozen $1.70

Never has anything been made that compares with this for preparing pineapples. Just the thing for preparing apples for baking, as it removes the core without making hole through apple. Has no equal for removing eyes and bad spots from potatoes, with the least possible loss. Also removes cores from pears when cut in half for canning.

ONE DOZEN ON A NEAT DISPLAY STAND.

POTATO SCOOPS.

No. 7763—Beechwood handle, brass ferrule, for making potato balls, assorted ¾, ⅞, 1 and 1⅛ in.....per dozen $2.75

ONE DOZEN IN A BOX.

No. 7764—Cocoa handle, brass pinned, nickel plated, assorted ¾, ⅞, 1 and 1⅛ in.....per dozen $4.00

ONE DOZEN IN A BOX.

CHEESE SCOOPS.

No. 1024—Genuine stag handle, silver plated blade, 8 in. long .....each $2.50

ONE IN A SILK LINED BOX.

No. C1750—Celluloid ivory handle, silver plated blade, 7½ in. long.....each $2.50

ONE IN A SILK LINED BOX.

No. 1010—Genuine stag handle, silver plated blade, sterling silver ferrule, 9 in. long.....each $2.75

ONE IN A SILK LINED BOX.

CHEESE SCOOPS.

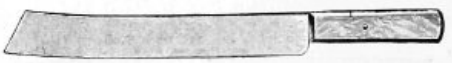
No. C1780—Celluloid ivory handle, silver plated blade, sterling silver ferrule, 8½ in. long .....each $2.75

ONE IN A SILK LINED BOX.

No. 1702—Genuine pearl handle, silver plated blade, sterling silver ferrule, 7 in. long.....each $3.00

ONE IN A SILK LINED BOX.

CHEESE KNIVES.



No. 153—12 in. tinned blade, solid beechwood handle.....per dozen $6.80

HALF DOZEN IN A BOX

No. 1540.

Rosewood Handle.

No. 015—12 in. tinned blade, no bolster, per dozen..... $10.90

No. 1540—12 in. tinned blade, lap bolster .....per dozen 13.50

HALF DOZEN IN A BOX.

"OUR VERY BEST."

No. 9800 CVB—10 in. tinned blade, cocobolo handle.....per dozen $ 9.50

No. 9800 CVB—12 in. tinned blade, cocobolo handle..... per dozen 11.55

No. 9805—10 in. tinned blade, cocobolo handle, steel lap bolster.....per dozen $13.00

No. 9805—12 in. tinned blade, cocobolo handle, steel lap bolster.....per dozen 14.50

HALF DOZEN IN A BOX.

BUTTER SPADES.

"OUR VERY BEST."

No. 08 CVB—8 in. tinned blade, cocoa handle.....per dozen $9.75

HALF DOZEN IN A BOX.

MISCELLANEOUS KNIVES.

FARRIERS' KNIVES.

"OUR VERY BEST."

No. 6824 H&S —Bone handle, assorted widths, warranted.....per dozen $6.00

HALF DOZEN IN A PACKAGE.

No. 7834.

No. 7838—WOSTENHOLM'S, wood handle, assorted widths .....per dozen $6.00

No. 7834—WOSTENHOLM'S, bone handle, assorted widths.....per dozen 7.50

No. 7834LH—WOSTENHOLM'S, bone handle, assorted widths, *left hand*, per dozen..... 7.50

HALF DOZEN IN A PACKAGE.

No. 150—POPE'S patent adjustable iron handle, 5/8, 3/4 and 7/8 in. blades, per dozen $5.25

Extra Blades for above, 5/8, 3/4 or 7/8 in., per dozen..... 3.75

HALF DOZEN IN A BOX.

KNIFE SHARPENERS.

A Combined Sharpener and Knife Rest for Table and Kitchen Use.

No. 6—ELYRIA, nickel plated steel frame, 2 tool steel tempered serrated rollers, length 4 in.....per dozen $4.00

This is an improvement in steel sharpening devices, in that there are seventeen instead of two cutting edges; the result being very rapid work without stripping the edge of the knife to a perceptible degree. It will put a fine cutting edge on a knife by simply drawing the blade across the rollers two or three times. It is particularly adapted for kitchen and table knives.

ONE DOZEN IN A BOX.

FARRIERS' KNIVES.

No. 52—HELLER'S, adjustable iron handle, blade assorted widths 1/2, 5/8, 3/4 and 7/8 in.....per dozen $3.75

No. 51—HELLER'S, bone handle, otherwise same as No. 52, widths 3/8, 1/2, 5/8, 3/4 and 7/8 in.....per dozen 4.15

Extra Blades for above 1/2, 5/8, 3/4 and 7/8 in.....per dozen 3.50

ONE DOZEN IN A BOX.

BAND KNIVES.

No. 2—MERIDEN, cocobolo handle, sickle edge, 5 in. blade.....per dozen $6.75

HALF DOZEN IN A BOX.

SLOYD KNIVES.

No. 88A.

No. 88A—Swedish, 3 5/8 in. stationary blade, solid boxwood handle, brass ferrule .....per dozen $3.20

No. 8A—Swedish, 3 1/8 in. stationary blade, solid boxwood handle, brass ferrule.....per dozen 3.20

No. 98A—Swedish, 2 1/2 in. stationary blade, solid boxwood handle, brass ferrule.....per dozen 3.20

ONE DOZEN IN A PACKAGE.

No. 122—HIB-SPE-BAR, 2 1/2 in. heavy beveled blade finest quality Swedish steel, solid rosewood handle, brass ferrule.....per dozen $4.50

These knives are coming into very general use as carpenter's bench knives and are extensively used in manual training schools throughout the country.

ONE DOZEN IN A PACKAGE.

CHIP CARVING.

No. 62—HENCKEL'S genuine, full length 5 in., blade 1 1/4 in., cocobolo handle securely fastened with three brass rivets, per dozen..... $4.50

HALF DOZEN IN A BOX.

DECORATING OR VEGETABLE KNIVES.

No. 1477—5 in. blade, cocobolo solid handle, metal bolster.....per dozen $6.00

ONE DOZEN IN A BOX.

OYSTER KNIVES.

"OUR VERY BEST."

No. 80 H&S —BLACK DIAMOND, beechwood handle, brass ferrule, 2 1/2, 3 and 3 1/2 in. blade..... per dozen $3.30

"OUR VERY BEST."

No. 85 H&S —Solid steel, length 8 1/4 in., per dozen..... $5.00

ONE DOZEN IN A BOX.

FISH KNIVES.

"OUR VERY BEST."

No. 25 H&S —Beechwood handle, 3 and 4 1/2 in. blade, Sandusky pattern, per dozen..... $3.00

HALF DOZEN IN A BOX.

BLACK DIAMOND, Beechwood Handle, Extra Fine Quality, Forged Blade, Warranted.

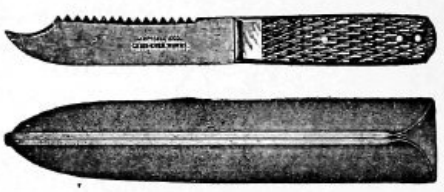
No. 55—Blade...	3	3 1/2	4 in.
Per dozen	$3.00	3.00	3.00

HALF DOZEN IN A BOX.

No 0148—Cocoa handle, forged steel blade, double edge, leather sheath, per dozen..... $10.00

HALF DOZEN IN A BOX.

FISHERMEN'S KNIVES.



No. 10R—RUSSELL'S, 4 3/4 in. blade, scored cocobolo handle, lap bolster, leather sheath with loop to attach to belt, per dozen..... $8.00

ONE DOZEN IN A BOX.

No. 2—MARBLE'S, 2 1/4 in. hand tempered steel blade, with leather sheath, rosewood handle.....per dozen $13.60

This knife is made especially for cleaning and scaling fish. It has a brass thumb rest and a 2 1/4 × 1/2 in. German silver inlaid plate with a picture of a fish engraved.

HALF DOZEN IN A BOX.

PUTTY KNIVES.

Extra Finish.

No. 300S—Beechwood handle, stiff blade, - per dozen $2.40
No. 300E—Beechwood handle, elastic blade, - " 2.40

ONE DOZEN IN A BOX.

Extra Finish, Metal Bolster.

No. 366S—Cocoa handle, stiff blade, - - per dozen $2.95
No. 366E—Cocoa handle, elastic blade, - " 2.95

ONE DOZEN IN A BOX.

Extra Finish, Steel Bolster.

No. 380S—Cocoa handle, 1⅜ in. stiff blade, - per dozen $3.20
No. 380E—Cocoa handle, 1⅜ in. elastic blade, " 3.20
No. 0380S—Cocoa handle, 2 in. stiff blade, - " 3.75
No. 0380E—Cocoa handle, 2 in. elastic blade, " 3.75

ONE DOZEN IN A BOX.

Extra Finish.

No. 3000S—Solid cocoa handle, brass bolster, stiff blade, per dozen, - - - - - - - $3.50
No. 3000E—Solid cocoa handle, brass bolster, elastic blade, per dozen, - - - - - - - 3.50

ONE DOZEN IN A BOX.

No. 10E—Hardwood handle, elastic blade, - per dozen $1.50
No. 10S—Hardwood handle, stiff blade, - - " 1.50

ONE DOZEN IN A BOX.

No. 106E.

No. 104S—Beechwood handle, stiff blade, - per dozen $2.00
No. 104E—Beechwood handle, elastic blade, - " 2.00
No. 106S—Cocoa handle, stiff blade, - - " 2.20
No. 106E—Cocoa handle, elastic blade, - - " 2.20

HALF DOZEN IN A BOX.

No. 120S—Beechwood handle, stiff blade, - per dozen $2.40
No. 120E—Beechwood handle, elastic blade, - " 2.40

ONE DOZEN IN A BOX.

No. 135S—Cocoa handle, stiff blade, - - per dozen $2.40
No. 135E—Cocoa handle, elastic blade, - " 2.40

ONE DOZEN IN A BOX.

No. 108S—Cocoa handle, stiff blade, - - per dozen $2.50
No. 108E—Cocoa handle, elastic blade, - " 2.50

HALF DOZEN IN A BOX.

No. 150S—Cocoa handle, stiff blade, - - per dozen $2.95
No. 150E—Cocoa handle, elastic blade, - " 2.95

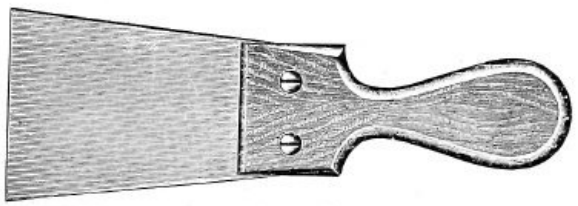
ONE DOZEN IN A BOX.

No. 01535S—Cocoa handle, stiff blade, - per dozen $3.20
No. 01535E—Cocoa handle, elastic blade, - " 3.20

ONE DOZEN IN A BOX.

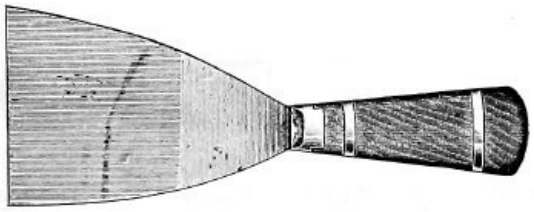
MISCELLANEOUS KNIVES.

SCRAPING KNIVES.

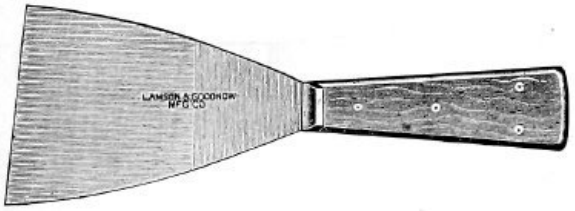


Dandy—Solid beechwood handle, full length 9 in., width of blade 3 and 4 in., - - - - - per dozen $1.90

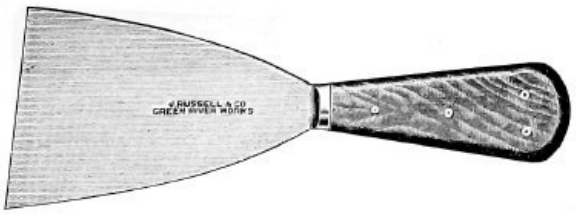
ONE DOZEN IN A BOX.



No. 145—Cocoa handle, width of blade 3 in., - per dozen $5.65



No. 102—Cocoa handle, width of blade 3 in., - per dozen $5.65



Cocoa Handle.

No. 525—Width,	3	3½	4	4½ in.
Per dozen,	$7.30	8.25	9.40	10.30

"Our Very Best," Cocoa Handle, Extra Finish.

No. 325—Width,	3	3½	4	4½ in.
Per dozen,	$7.30	8.25	9.40	10.30

HALF DOZEN IN A BOX.

PAPER HANGERS' KNIVES.

No. 305—"Our Very Best," polished hardwood handle, nickel plated ferrule, round point, extra fine quality, per dozen, - - - - - - - - - $3.00

No. 5—J. Russell & Co's, beechwood handle, brass ferrule, round point, - - - - - per dozen 3.00

ONE DOZEN IN A BOX.

No. 306—"Our Very Best," polished hardwood handle, nickel plated ferrule, square point, extra fine quality, per dozen, - - - - - - - - - $3.00

ONE DOZEN IN A BOX.

HACKING KNIVES.

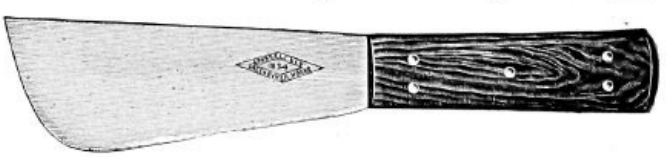
No. 0—Light, riveted leather handle, - - per dozen $5.65

No. 1—Heavy, riveted leather handle, - - " 6 -

HALF DOZEN IN A BOX.

COTTON SAMPLING KNIVES.

No. 2140—John Russell & Co's, pocket, 1 blade, cocoa handle, iron lined, glazed, 4¼ in., - - per dozen $6.75



No. 15—John Russell & Co's, rosewood handle, 5½ in. blade, - - - - - - per dozen $7.75

HALF DOZEN IN A BOX.

OIL CLOTH KNIVES.

For Cutting Oil Cloth, Linoleum, Etc.

No. 750—3½ in. cast steel blade, riveted burnt handle, per dozen, - - - - - - - - - $5.00

HALF DOZEN IN A BOX.

SPATULAS.

No. 80—CHRISTY, kitchen pattern, nickel plated handle, 8 in. polished steel blade, - - - - - - - - per dozen $4.00

ONE DOZEN IN A BOX.

Christy, Nickel Plated Handle, Extra Thin Polished Steel Blade.

No. 100—Blade, -	**3**	**4**	**5**	**6**	**8**	**9**	**10**	**12 in.**
Per dozen, - -	$2.60	2.75	3.25	3.75	5.25	7.75	9.50	16.75

An excellent article for bakers' and artists' purposes.

ONE DOZEN IN A BOX.

"Our Very Best," Cocoa Handle, Steel Bolster.

No. 3803—Blade,	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**12**	**14 in.**
Per dozen, - -	$3.25	3.55	4.15	4.90	6.00	7.90	9.75	13.15	22.50	31.50

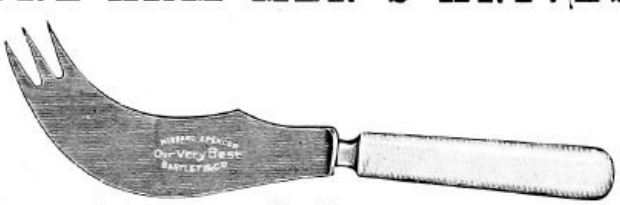
HALF DOZEN IN A BOX.

Cocoa Handle, Metal Bolster.

No. 1586—Blade, - -	**3**	**4**	**5**	**6**	**8**	**10**	**12 in.**
Per dozen, - - -	$3.25	3.55	4.15	4.90	7.90	13.15	22.50

HALF DOZEN IN A BOX.

ONE-ARM MEN'S KNIVES.

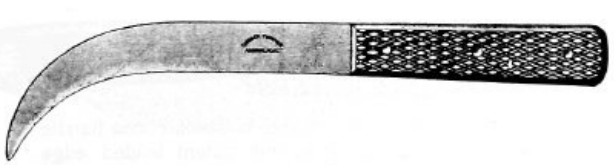


No. 57.

No 57—"OUR VERY BEST" solid ivory handle, 9½ in. long, - - - - - - - - - per dozen $31.50
No. 147—"OUR VERY BEST," solid rubber handle, 9½ in. long, - - - - - - - - - " 22.50

HALF DOZEN IN A BOX.

BANANA KNIVES.



No. 395—Scored beechwood handle, 6 in. crucible steel curved blade, - - - - - per dozen $4.00

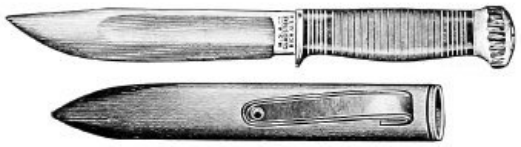
HALF DOZEN IN A BOX.

No. 1500—Hardwood handle, extra heavy 7 in. crucible steel curved blade, - - - - - per dozen $5.00

ONE DOZEN IN A BOX.

"MARBLE'S SPECIALTIES."

IDEAL HUNTING KNIVES.



Hand Forged Steel Blade, Laminated Leather Handle with Hard Rubber and Brass Bands, Buckhorn Butt, Leather Sheath.

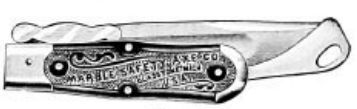
No. 41—Inches,	5	6	7	8
Per dozen,	$27.00	30.00	33.00	36.00

Hand Forged Steel Blade, Polished German Stag Handle, with Fibre and Brass Trimmings at Each End of Handle, Polished Stag Horn Tip, Leather Sheath.

No. 42—Inches,	5	6	7	8
Per dozen,	$33.00	36.00	39.00	42.00

No. 43—6 in., hand forged steel blade, handsome scored hard rubber handle, leather sheath, - per dozen $36.00

SAFETY HUNTING KNIVES.



Closed.

Open.

No. 83—4¼ in. blade, engraved hard rubber side plates, German silver trimmings, - - per dozen $36.00
No. 84—5 in. light blade, engraved hard rubber side plates, German silver trimmings, - - per dozen 42.00
No. 85—5 in. blade, heavy hollow ground, engraved hard rubber side plates, German silver trimmings, per dozen 48.00
No. 86—6 in. blade, heavy hollow ground, engraved hard rubber side plates, German silver trimmings, per dozen 60.00

Each knife fitted with a leather sheath.

EXPERT HUNTING KNIVES.

No. 54—5 in. blade, with thin keen edge, cocobolo handle, with hard fibre and brass washer trimmings, per dozen, - - - - - - - - $27.00
No. 55—6 in. blade, otherwise same as No. 54, per dozen 30.00

For dressing skins and furs, designed for scraping skins while on form. Each knife fitted with a leather sheath.

SPECIAL HUNTING KNIVES.

No. 57—5 in. blade, bevel ground, with bone chopper on back of point, tang is of same thickness as blade, with side plates of selected German stag horn, - - - per dozen $30.00

This knife is built to stand the severest usage. Each knife fitted with a leather sheath.

DALL DEWEESE KNIVES.

No. 62—4 in. blade, with dull saw back on which thumb is placed when skinning or cutting hard substances, selected German stag horn side plates, - - - per dozen $21.00

Each knife fitted with a leather sheath.

CANOE KNIVES.

No. 51—4½ in. blade, hand forged, with laminated leather handle with hard fibre and brass trimmings, German stag butt, "short and stout," designed especially for canoeists, per dozen, - - - - - - - - - $27.00

Each knife fitted with a leather sheath.

SAFETY CARVING KNIVES.

No. 76—8 in. blade of razor steel, German silver handle reinforced at ends with steel, handle opens like a pocket knife and blade folds into handle, making the knife convenient and absolutely safe, - - - - - per dozen $12.00

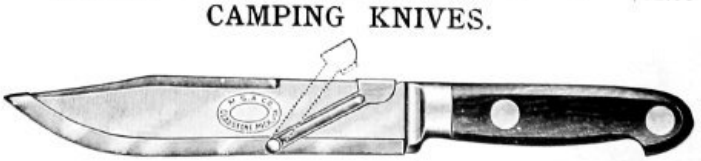
SAFETY SAWS.

No. 77—8 in. blade or saw, of finest saw steel, German silver handle reinforced at ends with steel, folds up like the No. 76 carver, - - - - - - - - per dozen $12.00

SAFETY FISH KNIVES.

No. 78—4 in. hand forged blade, for ripping and scraping, German silver handle reinforced steel ends as shown by dotted lines on handle and blade is entirely protected when folded, per dozen, - - - - - - - - - $12.00

CAMPING KNIVES.



No. 71—6 in. hand forged blade, metal bolsters, cocoa handle with large brass saw rivets, fitted with patent leaded edge protector, which makes the knife absolutely safe for carrying, also insures a sharp edged blade, - per dozen $7.20
No. 72—7 in. blade, otherwise same as No. 71, - " 8.40
No. 73—8 in. blade, otherwise same as No. 71, - " 9.60

HUNTING KNIVES.

No. 206—6 in., "OUR VERY BEST," solid rosewood handle, extra finish, polished swage blade, metal bolster, per dozen, - - - - - - - - - - $4.50

No. 7803S—6 in., "OUR VERY BEST," scored ebony handle, metal bolster, - - - - - - per dozen $5 25

No. 400.

No. 400—6 in., scored cocobolo handle, - per dozen $2.65
No. 015S—6 in., J. RUSSELL & Co's, scored cocoa handle, per dozen, - - - - - - - - - - 3.95

No 168—6 in., solid cocoa handle, - - per dozen $5.25

No. 1640—6 in., scored ebony handle, steel bolster, per dozen $6.15
No. 1640—7 in., scored ebony handle, steel bolster, " 7.90

No. 16—6 in., scored ebony handle, with guard, - per dozen $9.65

No. 1784—5 in., solid silver steel blade, with solid steel guard and metal bolster, genuine deer foot handle, complete with sheath, - - - - - per dozen $9.00

HALF DOZEN IN A BOX.

KNIFE SHEATHS.

No. 956—6 in. embossed russet leather, - per dozen $2.25
No. 957—7 in. embossed russet leather, - " 2.25
No. 958—8 in. embossed russet leather, - " 2.25

The size indicated denotes length of blade.

BOWIE KNIVES.

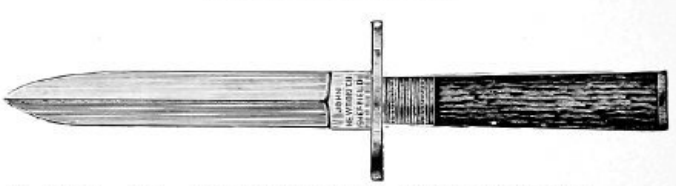
No. 7374—4 in., NON-XLL, stag handle, polished clip point, leather sheath, - - - - - - per dozen $10.50
No. 7375—5 in., NON-XLL, stag handle, polished clip point, leather sheath, - - - - - - per dozen 11.50
No. 7376—6 in., NON-XLL, stag handle, polished clip or spear point, leather sheath, - - - per dozen 12.75
No. 7377—7 in., NON-XLL, stag handle, polished clip or spear point, leather sheath, - - - per dozen 15.75
No. 7378—8 in., NON-XLL, stag handle, polished clip or spear point, leather sheath, - - - per dozen 18.00
No. 7874—6 in., IXL, stag handle, crocus polished, clip point, leather sheath, - - - - - - per dozen 26.25
No. 7880—7 in., IXL, stag handle, crocus polished, clip point, leather sheath, - - - - - per dozen 30.65
No. 8998—8 in., IXL, stag handle, crocus polished, clip point, leather sheath, - - - - - per dozen 35.00

No. 1194—7 in., NON-XLL, deer foot handle, clip blade, nickel bolster, leather sheath with loop to attach to belt, per dozen, - - - - - - - $23.65

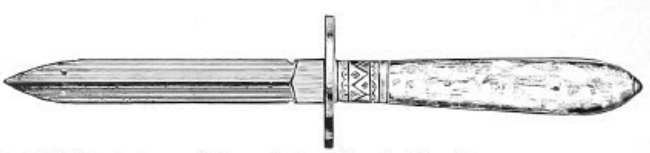
HALF DOZEN IN A BOX.

No. 1825—5 in., NON-XLL, scored solid ebony handle, crocus polished, German silver bolster, clip point, leather sheath, - - - - - - - per dozen $22.00
No. 1826—6 in., NON-XLL, scored solid ebony handle, crocus polished, German silver bolster, clip point, leather sheath, - - - - - - - per dozen 24.00

DAGGERS.



No. 120S—4 in., genuine stag handle, double edge, crocus polished, leather sheath, - - - per dozen $14.00



No. 120P—4 in., solid pearl handle, double edge, crocus polished, leather sheath, - - - per dozen $26.25

"OUR VERY BEST" SHEARS.

STRAIGHT TRIMMERS.

Japanned Handles, Nickel Plated Blades.

No. 20—Length,	6	6½	7	7½	in.
Per dozen, -	$13.00	14.00	15.00	16.00	
No. 20—Length,	8	8½	9	10	in.
Per dozen, -	$17.00	18.00	21.00	27.00	

Nickel Plated Handles and Blades.

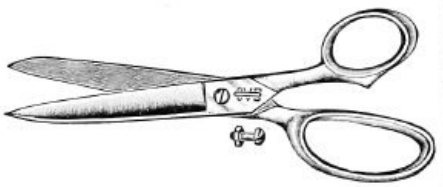
No. 25—Length,	6	6½	7	7½	in.
Per dozen, -	$13.00	14.00	15.00	16.00	
No. 25—Length,	8	8½	9	10	in.
Per dozen, -	$17.00	18.00	21.00	27.00	

LEFT HAND STRAIGHT TRIMMERS.

No. 50—8½ in., nickel plated handles and blades, - - - - per dozen $23.00

HALF DOZEN IN A BOX.

STRAIGHT TRIMMERS, WITH NUT AND BOLT.



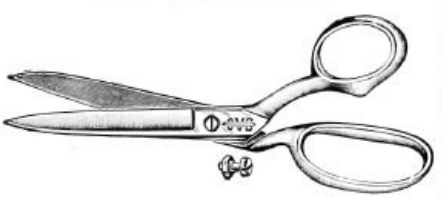
Japanned Handles, Nickel Plated Blades.

No. 10—Length,	6	6½	7	7½	in.
Per dozen, -	$13.00	14.00	15.00	16.00	
No. 10—Length,	8	8½	9	10	in.
Per dozen, -	$17.00	18.00	21.00	27.00	

Nickel Plated Handles and Blades.

No. 15—Length,	6	6½	7	7½	in.
Per dozen, -	$13.00	14.00	15.00	16.00	
No. 15—Length,	8	8½	9	10	in.
Per dozen, -	$17.00	18.00	21.00	27.00	

BENT TRIMMERS, WITH NUT AND BOLT.



Japanned Handles, Nickel Plated Blades.

No. 36—Length,	7	8	9	10 in.
Per dozen, -	$16.00	18.00	24.00	30.00

Nickel Plated Handles and Blades.

No. 31—Length,	7	8	9	10 in.
Per dozen, -	$16.00	18.00	24.00	30.00

HALF DOZEN IN A BOX.

BENT TRIMMERS.

Japanned Handles, Nickel Plated Blades.

No. 35—Length,	7	7½	8	8½ in.
Per dozen, -	$16.00	17.00	18.00	21.00
No. 35—Length,	-	-	9	10 in.
Per dozen, -	-	-	$24.00	30.00

Nickel Plated Handles and Blades.

No. 30—Length,	7	8	9	10 in.
Per dozen, -	$16.00	18.00	24.00	30.00

BANKERS'.

Japanned Handles, Finely Polished Blades.

No. 60—Length,	- -	12	14 in.
Per dozen,	- -	$34.00	44.00

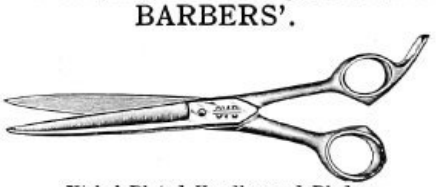
Nickel Plated Handles, Finely Polished Blades.

No. 70—Length,	- -	12	14 in.
Per dozen,	- -	$34.00	44.00

DESK SCISSORS.

No. 6753—8 in., H. S. B. & Co.'s nickel plated handles, finely polished blades, finest quality, - - per dozen $17.00

BARBERS'.



Nickel Plated Handles and Blades.

No. 40—Length, -	-	8	8½	9 in.
Per dozen, -	-	$17.00	18.00	21.00

HALF DOZEN IN A BOX.

HEINISCH'S SHEARS.

STRAIGHT TRIMMERS.

Regular, Japanned Handles, Nickel Plated Blades.

Length,	6	6½	7	7½	8 in.
Per dozen,	$13.00	14.00	15.00	16.00	17.00
Length, -	-	8½	9	10	12 in.
Per dozen,	-	$18.00	21.00	27.00	34.00

Regular, Nickel Plated Handles and Blades.

Length,	6	6½	7	7½	8 in.
Per dozen,	$13.00	14.00	15.00	16.00	17.00
Length, -	-	8½	9	10	12 in.
Per dozen,	-	$18.00	21.00	27.00	34.00

HALF DOZEN IN A BOX.

REGULAR, LEFT HAND STRAIGHT TRIMMERS.

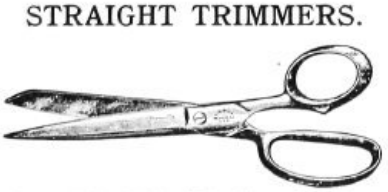
Japanned Handles, Nickel Plated Blades.

Length, -	- 7½	8	8½ in.
Per dozen,	- $21.00	22.00	23.00

Nickel Plated Handles and Blades.

Length, -	- 7½	8	8½ in.
Per dozen,	- $21.00	22.00	23.00

STRAIGHT TRIMMERS.



Oval, Nickel Plated Handles and Blades.

Length, -	-	6	6½	7	7½ in.
Per dozen, -	-	$13.00	14.00	15.00	16.00
Length, -	-	8	8½	9	10 in.
Per dozen, -	-	$17.00	18.00	21.00	27.00

HALF DOZEN IN A BOX.

BENT TRIMMERS.

Japanned Handles, Nickel Plated or Finely Polished Blades.

Length, -	-	6	6½	7	7½ in.
Per dozen,	-	$14.00	15.00	16.00	17.00
Length, -	-	8	8½	9	10 in.
Per dozen,		$18.00	21.00	24.00	30.00
Length, -	-	-	11	12	13 in.
Per dozen,	-	-	$33.00	36.00	40.00

14 in., japanned bent trimmers, heavy pattern, raised blades, - per dozen $54.00

The larger sizes (10 to 14 in.) have finely polished instead of nickel plated blades.

LEFT HAND BENT TRIMMERS.

Japanned Handles, Finely Polished Blades.

Length, -	- -	8½	11	12 in.
Per dozen,	- -	$27.00	39.00	42.00

HALF DOZEN IN A BOX.

HEINISCH'S SHEARS.

RING HANDLE OFFICE OR DESK.

Nickel Plated Handles and Blades.

Length,	8	9 in.
Per dozen	$17.00	21.00

HALF DOZEN IN A BOX.

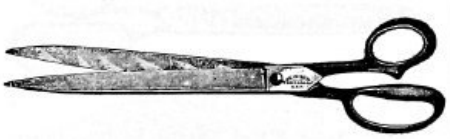
TRIMMER HANDLE OFFICE OR DESK.

Nickel Plated Handles and Blades.

Length,	9	10	11 in.
Per dozen,	$21.00	27.00	31.00

HALF DOZEN IN A BOX.

TRIMMER HANDLE BANKERS' OR PAPER.



Finely Polished Blades.

Length,	12	14 in.
Japanned Handles, per dozen	$34.00	44.00
Nickel Plated Handles, "	34.00	44.00

HALF DOZEN IN A BOX.

BENT HANDLE BANKERS'.

Japanned Handles, Finely Polished Blades.

Length,	12	14 in.
Per dozen,	$36.00	46.00

HALF DOZEN IN A BOX.

BARBERS' STEEL LAID.

Japanned Handles, Finely Polished Blades.

Length,	7	7½	8	8½	9 in.
Per dozen,	$15.00	16.00	17.00	18.00	21.00

HALF DOZEN IN A BOX.

Nickel Plated Handles, Finely Polished Blades.

Length,	7	7½	8	8½	9 in.
Per dozen,	$15.00	16.00	17.00	18.00	21.00

HALF DOZEN IN A BOX.

LEFT HAND BARBERS'.

8½ in., japanned handles, finely polished blades, - - - - - per dozen $23.00
8½ in., nickel plated handles, finely polished blades, - - - - - per dozen 23.00

HALF DOZEN IN A BOX.

LADIES' SCISSORS.

Japanned Handles, Nickel Plated Blades.

Length,	4½	5	5½	6	6½	7 in.
Per dozen,	$11.00	11.50	12.00	13.00	14.00	15.00

Nickel Plated Handles and Blades.

Length,	4½	5	5½	6	6½	7 in.
Per dozen,	$11.00	11.50	12.00	13.00	14.00	15.00

HALF DOZEN IN A BOX.

POCKET SCISSORS.

Japanned Handles, Nickel Plated Blades.

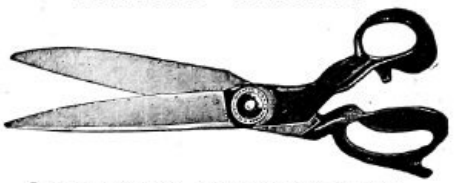
Length,	4	4½	5 in.
Per dozen,	$11.00	11.50	12.00

Nickel Plated Handles and Blades.

Length,	4	4½	5 in.
Per dozen,	$11.00	11.50	12.00

HALF DOZEN IN A BOX.

TAILORS' SHEARS.



Japanned Handles, Finely Polished Blades.

Nos.	3	3½	4	4½
Full length,	12	12⅛	12¾	13 in.
Length of cut,	6	6⅛	6¼	6½ in.
Per pair,	$3.50	4.00	5.00	6.00
Nos.	**5**	**6**	**7**	**8**
Full length,	13	13¾	14	14¼ in.
Length of cut,	6½	6½	6¾	7¼ in.
Per pair,	$8.00	9.00	10.00	11.00
Nos.	**9**	**10**	**11**	**12**
Full length,	14¾	15¼	15¾	16¼ in.
Length of cut,	7½	7¾	8	8⅛ in.
Per pair,	$12.00	13.00	14.00	15.00

No. 5—Left handle, right blade, full length 13 in., cut 6¼ in., - - per pair $8.00
No. 2½—Right hand, full length 12¾ in., cut 5¾ in., *steel bolt and nut*, per pair 2.75

ONE IN A BOX.

LONG BLADE CUSTOM CUTTER SHEARS.

Japanned Handles, Finely Polished Blades.

No. 1—Full length 14¾ in., cut 7½ in., per pair, - - - - - $12.00
No. 2—Full length 15¼ in., cut 8 in., per pair, - - - - - 13.00

ONE IN A BOX.

TAILORS' POINTS.

Japanned Handles, Nickel Plated Blades.

Length,	4	5	5½	6 in.
Per dozen,	$11.00	11.50	12.00	13.00

HALF DOZEN IN A BOX.

DENTAL SNIPS.

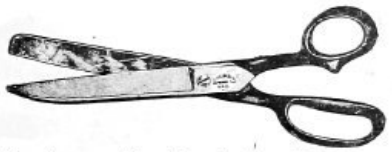
For Cutting Wire, Wire Cloth, Etc. Especially Adapted for Milliners' Use.

No. 1½J—1½ in. cut, japanned handles, nickel plated blades, - per dozen $16.00
No. 2 —2 in. cut, japanned handles, nickel plated blades, - per dozen 18.00
No. 1½N—1½ in. cut, nickel plated handles and blades, - - per dozen 16.00

HALF DOZEN IN A BOX.

SHEARS AND SNIPS.

HEINISCH'S CANDY SHEARS.

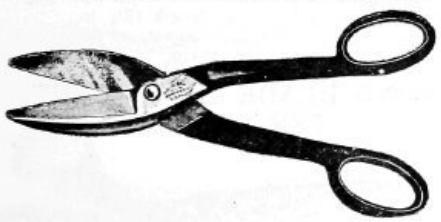


11 in., japanned handles, finely polished blades, - - - - per dozen $40.00

HEINISCH'S GLASS SHEARS.

11½ in., japanned handles, finely polished blades, - - - - per dozen $38.00

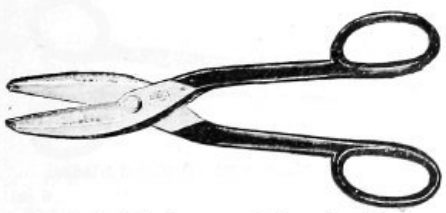
HEINISCH'S TINNERS' SNIPS.



Japanned Ring Handles.

Nos.	6½C	7C	8C	9C
Cut,	4½	4	3½	3 in.
Length,	15⅛	14½	13½	12¼ in.
Per pair,	$3.00	2.50	2.00	1.50
Nos.	**10C**	**11C**	**12C**	
Cut,	2½	2¼	2 in.	
Length,	11½	9	8¼ in.	
Per pair,	$1.40	1.20	1.05	

HEINISCH'S TINNERS' ROUNDED BACK SNIPS.



Designed to Cut Curves and Irregular Shapes, Japanned Ring Handles.

Nos.	06½C	07C	08C	09C	010C
Cut,	4½	4	3½	3	2½ in.
Length,	15	14½	13½	12¼	11½ in.
Per pair,	$3.50	3.00	2.50	2.00	1.90

HEINISCH'S TINNERS' CIRCULAR SNIPS.

Japanned Ring Handles.

No. 18C—3½ in. cut, length 13¼ in., per pair, - - - - - - $3.00

No. 19C—3 in. cut, length 12¼ in., per pair, - - - - - - 2.50

HALF DOZEN IN A BOX

VICTORIA CAST SHEARS.

Japanned Handles, Unpolished Blades.

Nos.	1	2	3	4
Inches,	6	7	8	9
Per dozen,	$0.80	.90	1.00	1.20

ONE DOZEN IN A BOX.

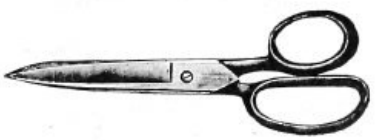
CAST SHEARS.

Nickel Plated, Brass Nut and Bolt.

No. 182—Inches,	6	7	8	9
Per dozen,	$2.00	2.40	2.60	2.80

ONE DOZEN IN A BOX.

ROGERS' STRAIGHT TRIMMERS.



Japanned Handles, Nickel Plated Blades.

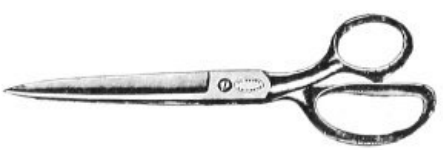
Length,	6	6½	7	7½ in.
Per dozen,	$13.00	14.00	15.00	16.00
Length,	8	8½	9	10 in.
Per dozen,	$17.00	18.00	21.00	27.00

Nickel Plated Handles and Blades.

Length,	6	6½	7	7½ in.
Per dozen,	$13.00	14.00	15.00	16.00
Length,	8	8½	9	10 in.
Per dozen,	$17.00	18.00	21.00	27.00

HALF DOZEN IN A BOX.

PARK CITY STRAIGHT TRIMMERS.



Nickel Plated Blades.

Length,	7	8	9 in.
Japanned Handles, per dozen	$15.00	17.00	21.00
Nickel Plated Handles, "	15.00	17.00	21.00

HALF DOZEN IN A BOX.

ROYAL ASSORTMENT.

Solid Silver Steel, Nickel Plated, Brass Bolt and Nut, Easily Adjusted or Taken Apart for Sharpening.

Royal Assortment, consisting of one dozen shears, comprising three only 7 in., six only 8 in., three only 9 in., not sold separately, - - per assortment $3.25

AMERICA ASSORTMENT.

Jointed Carbonized Steel, Screw, Heavily Nickel Plated, Highly Finished.

America Assortment, consisting of one dozen shears, comprising three only 6 in., three only 7 in., six only 8 in., not sold separately, - per assortment $3.25

PAWNEE ASSORTMENT.

Heavily Nickel Plated, Cushion Bearing, Brass Bolt and Nut.

Pawnee Assortment, consisting of one dozen shears, comprising two only 6 in., four only 7 in., six only 8 in., not sold separately, - per assortment $3.25

OLYMPIA ASSORTMENT.

Heavily Nickel Plated, Cushion Bearing, Brass Bolt and Nut.

Olympia Assortment, consisting of one dozen shears, comprising three only 7 in., six only 8 in., three only 9 in., not sold separately, - per assortment $3.25

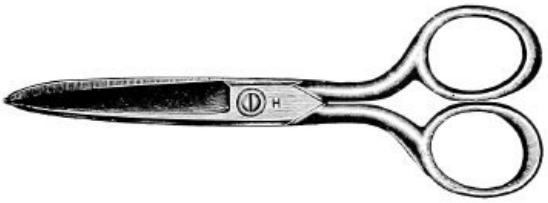
ONE ASSORTMENT IN A BOX.

LADIES' SCISSORS.

Superior Cast Steel, Polished.

Nos.	904½	905	905½	906
Inches,	4½	5	5½	6
Per dozen,	$1.30	1.65	1.90	2.15

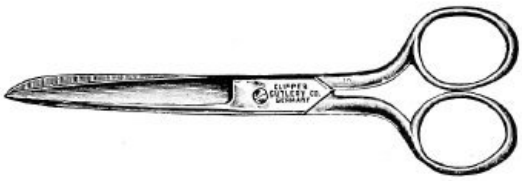
ONE DOZEN IN A BOX.



Brass Bolt and Nut, Inverted Bows.

No. 20—Inches,	4½	5	5½	6
Per dozen,	$2.15	2.55	3.00	3.40

HALF DOZEN IN A BOX.



No. 1 Clipper Assortment, cast steel, full nickel plated, inverted bows, assortment consists of twelve scissors, comprising two embroidery, 3½ in., two each, 4, 4½, 5, 5½ and 6 in. scissors, as shown above, - per assortment $3.40

ONE ASSORTMENT IN A BOX.

Solid Steel, Nickel Plated.

Nos.	44½	45	45½	46
Inches,	4½	5	5½	6
Per dozen,	$2.95	3.40	3.80	4.25

HALF DOZEN IN A BOX.

Solid Steel, Nickel Plated, Inverted Bows.

Nos.	54½	55	55½	56
Inches,	4½	5	5½	6
Per dozen,	$3.40	3.80	4.25	4.70

HALF DOZEN IN A BOX.

Solid Steel, Nickel Plated.

Nos.	704½	705	705½	706
Inches,	4½	5	5½	6
Per dozen,	$3.80	4.25	5.10	5.95

HALF DOZEN IN A BOX.

Solid Steel, Nickel Plated.

Nos.	14½	15	15½	16	16½	17
Inches,	4½	5	5½	6	6½	7
Per dozen,	$6.80	7.25	7.65	8.00	9.00	10.20

HALF DOZEN IN A BOX.

"Our Very Best," Solid Steel, Nickel Plated, Inverted Bows.

Nos.	24½	25	25½	26	26½	27
Inches,	4½	5	5½	6	6½	7
Per dozen,	$7.20	7.50	8.00	9.75	10.60	11.90

HALF DOZEN IN A BOX.

"Our Very Best," Solid Steel, Nickel Plated, Inverted Bows.

No. 3959—Inches,	4½	5	5½	6	6½	7
Per dozen,	$8.00	8.75	9.75	11.00	12.00	13.50

HALF DOZEN IN A BOX.

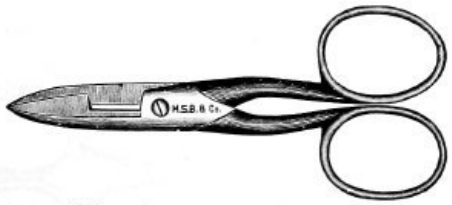
No. 0100 "Our Very Best" Assortment, solid steel, nickel plated, inverted bows, consisting of twelve scissors, comprising two embroidery, two each, 4, 4½, 5, 5½ and 6 in., as shown above, - - - per assortment $7.00

ONE ASSORTMENT IN A BOX.

SCISSORS.

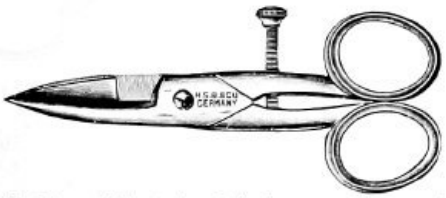
BUTTON HOLE.

No. 230—4½ in., cast steel, nickel plated, - per dozen $3.75

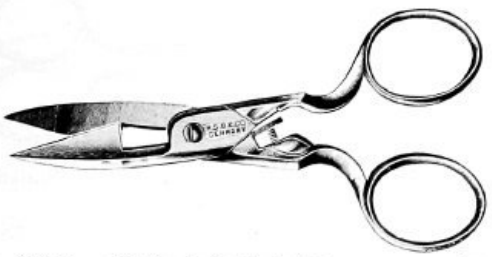


No. 301—4 in., solid steel, polished, - - per dozen $5.10

No. 300½—4 in., solid steel, nickel plated, - per dozen $5.10
No. 303½—4½ in., solid steel, nickel plated, - " 8.00
No. 304 —5 in., solid steel, nickel plated, - " 8.50



No. 302½—3½ in., solid steel, polished, - per dozen $6.35
No. 303 —4½ in., solid steel, polished, - " 6.80



No. 300—4¾ in., solid steel, nickel plated, - per dozen $9.75

No. 304½—4½ in., solid steel, nickel plated, - per dozen $10.60
HALF DOZEN IN A BOX

No. 301½—5¼ in., solid steel, nickel plated, - per dozen $11.0)
HALF DOZEN IN A BOX.

LADIES'.

No. 1165.

Solid Steel, Nickel Plated Blades, Gold Plated Handles.

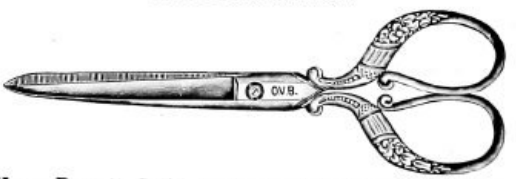
Nos. -	**1163½**	**1164**	**1164½**	**1165**
Inches, -	3½	4	4½	5
Per dozen,	$6.00	6.40	6.80	7.20
Nos. -	**1165½**	**1166**	**1166½**	**1167**
Inches, -	5½	6	6½	7
Per dozen,	$7.60	8.00	8.40	8.80

HALF DOZEN IN A BOX.

"Our Very Best," Solid Steel, Nickel Plated Blades, Gold Plated Handles.

No. 91—Inches, -	**3½**	**4**	**4½**	**5**	**5½**	**6**
Per dozen, - -	$9.60	10.00	10.60	11.00	11.60	12.00

HALF DOZEN IN A BOX.

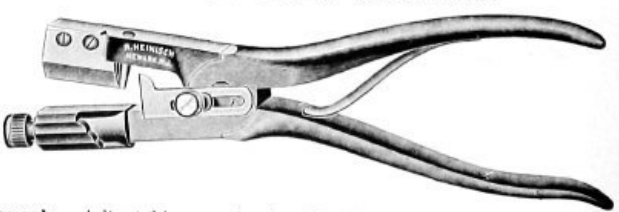


"Our Very Best," Solid Steel, Nickel Plated Blades, Silver and Gold Plated Handles.

No. 65—Inches, - - - -	**3½**	**4½**	**5½**
Per dozen, - - - - -	$16.40	17.60	21.40

HALF DOZEN IN A BOX.

BUTTON HOLE CUTTERS.

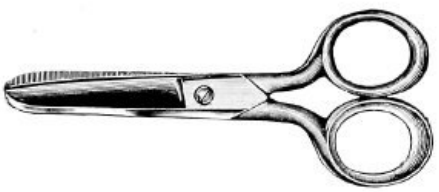


Bauer's—Adjustable, made by R. Heinisch & Sons, for tailors' use, full length 9½ in., - - - each $2.50
HALF DOZEN IN A BOX.

POCKET SCISSORS.

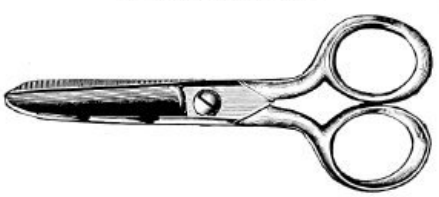
No. 0—4½ in., japanned inverted bows, unpolished blades, per dozen, - - - - - - - - $1.20

ONE DOZEN IN A BOX.



No. 027—4½ in., blue japanned inverted bows, nickel plated blades, - - - - - - - - per dozen $2.00

ONE DOZEN IN A BOX.



Brass Bolt and Nut, Inverted Bows.

No. 21—Inches, - - -	**4**	**4½**
Per dozen, - - - -	$2.15	2.55

HALF DOZEN IN A BOX.

No. 1089—4 in., cast steel, nickel plated, inverted bows, per dozen, - - - - - - - - $2.10

ONE DOZEN IN A BOX.

No. 201 —5 in., solid steel, polished, - - per dozen $3.40
No. 202½—5 in., solid steel, nickel plated, - " 5.95

HALF DOZEN IN A BOX.

Solid Steel, Nickel Plated, Inverted Bows.

No. 85—Inches, - -	**4**	**4½**	**5**
Per dozen, - - -	$3.20	3.20	3.20

HALF DOZEN IN A BOX.

No. 1165—3½ in., solid steel, gold plated bows, nickel plated blades, - - - - - - - per dozen $6.00

HALF DOZEN IN A BOX.

No. 202—3½ in., solid steel, nickel plated, - per dozen **$5.50**

HALF DOZEN IN A BOX.

"Our Very Best," Solid Steel, Gold Plated Bows, Nickel Plated Blades.

Nos. - - - -	**314**	**314½**	**315**
Inches, - - -	4	4½	5
Per dozen, - -	$8.00	8.50	9.00

HALF DOZEN IN A BOX.

"Our Very Best," Solid Steel, Nickel Plated, Inverted Bows.

No. 23959—Inches, -	**4**	**4½**	**5**
Per dozen, - - -	$8.50	9.00	9.75

HALF DOZEN IN A BOX.

"Our Very Best," Solid Steel, Nickel Plated, Inverted Bows.

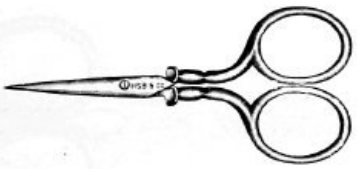
Nos. - - -	**324**	**324½**	**325**	**326**
Inches, - -	4	4½	5	6
Per dozen, - -	$9.35	9.75	10.60	11.90

HALF DOZEN IN A BOX.

SCISSORS.

EMBROIDERY.

No. 101½—Polished, 3¾ in., - - - per dozen $3.40
HALF DOZEN IN A BOX.

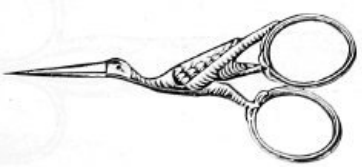


No. 101—Polished, 3½ in., - - - per dozen $4.65
No. 100—Polished, 3 in., - - - " 5.10
HALF DOZEN IN A BOX.

No. 102—Polished, 3¾ in., - - - per dozen $5.95
HALF DOZEN IN A BOX.

No. 213¾—"OUR VERY BEST," gold plated bows, 3¾ in., per dozen, - - - - - - - - $6.80
HALF DOZEN IN A BOX.

No. E3959—3½ in., "OUR VERY BEST," solid steel, nickel plated, - - - - - - per dozen $6.75
HALF DOZEN IN A BOX.



No. 3393½—3½ in., gold plated bows, nickel plated blades, per dozen, - - - - - - - - $6.80
No. 3394 —4 in., gold plated bows, nickel plated blades, per dozen, - - - - - - 7.25
HALF DOZEN IN A BOX.

POCKET ASSORTMENTS.

No. 2—"CLIPPER" assortment, cast steel, nickel plated, assortment consists of one dozen scissors comprising four each, 3½, 4 and 4½ in., - - per assortment $3.40
ONE ASSORTMENT IN A BOX.

No. 0200—"OUR VERY BEST" assortment, solid steel, nickel plated, assortment consists of one dozen scissors comprising four each 4, 4½ and 5 in., - per assortment $7.00
ONE ASSORTMENT IN A BOX.

CIGAR CUTTERS.

No. 10.

No. 360.

No. 10—2 in., nickel plated, - - - per dozen $5.60
No. 360—2⅛ in., nickel plated, - - - " 7.60

No. 138.

No. 139.

No. 138—2 in., blued steel, - - - per dozen $10.00
No. 139—2¼ in., blued steel, - - - " 10.60
NO. 10, ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

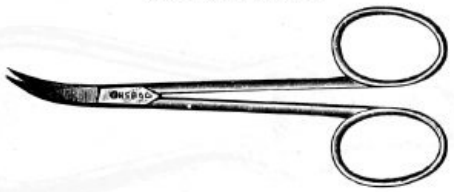
No. 266 and 126.

No. 330.

No. 266—3⅝ in., nickel plated, combined pocket scissors and cigar cutter, - - - - per dozen $10.00
No. 126—Nickel plated blades, oxydized handles, otherwise same as No. 266, - - - - per dozen 12.80
No. 330—3⅛ in., nickel plated, combined pocket scissors and cigar cutter, - - - - per dozen 12.80
ust the thing for smokers. Small and handy to carry in the vest pocket.
HALF DOZEN IN A BOX.

SCISSORS.

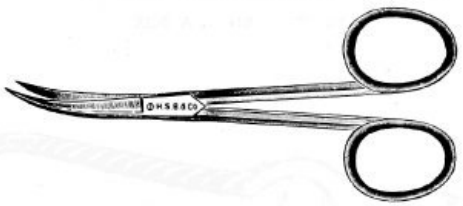
MANICURE.



Forged Steel, Full Crocus Polished.

Nos.	11083	11083½	11084
Inches,	3	3½	4
Per dozen,	$9.00	10.00	12.00

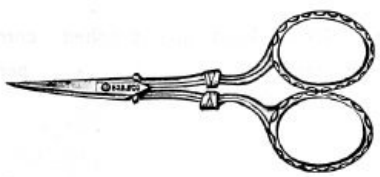
HALF DOZEN IN A BOX.



Forged Steel, Full Crocus Polished.

Nos.	603½	604	604½
Inches,	3½	4	4½
Per dozen,	$11.00	11.90	13.60

HALF DOZEN IN A BOX.



No. 1509—Forged steel, full crocus polished, 4 in., per dozen $14.00

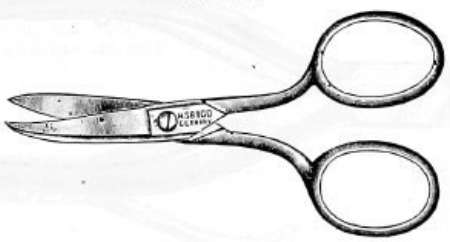
HALF DOZEN IN A BOX.

Forged Steel, Full Crocus Polished.

No. 1468—Inches,	3½	4
Per dozen,	$3.20	3.20

HALF DOZEN IN A BOX.

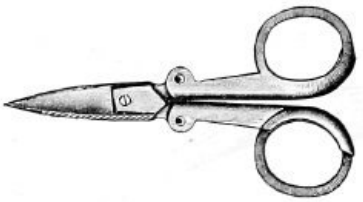
NAIL.



No. 500—Forged steel, nickel plated, 3½ in., bent, per dozen $6.80
No. 502—Forged steel, nickel plated, 3¾ in., bent, " 9.35

HALF DOZEN IN A BOX.

FOLDING NAIL.



No. 3342—Cast steel, nickel plated, full length 4 in., length folded 2⅛ in., each in neat imitation leather case, very convenient for pocket, - - - - per dozen $3.20

HALF DOZEN IN A BOX.

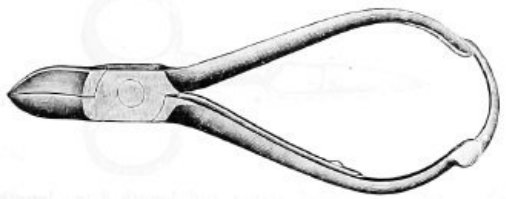
IN CASES.

No. 2206—3 scissors, consisting of the following: 4½ and 5½ in. ladies' and embroidery, nickel plated, morocco leather case, - - - - - per case $3.40
No. 2228—4 scissors, consisting of the following: 4½ and 5½ in. ladies', button hole and embroidery, nickel plated, Russian leather case, - - - per case 6.80
No. 2272—4 scissors, consisting of the following: 4½ and 5½ in. ladies', button hole and embroidery, nickel plated, red or old gold silk plush case, - per case 7.25
No. 2463—4 scissors, consisting of the following: 4½ and 5½ in. ladies', button hole and embroidery, nickel plated, fancy gilt bows, Russian leather case, per case 6.80

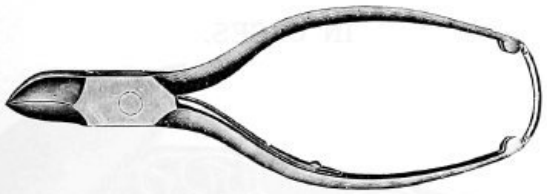
No. 3445—"OUR VERY BEST," plush lined fine grained leather case, containing five pairs "Our Very Best" scissors and shears as follows: 4 and 6 in. ladies', 3½ in. embroidery and button hole scissors with set screw, and one pair 7 in. "Our Very Best" nickel plated bent shears, - - - - - - per case $5.00

MANICURE GOODS.

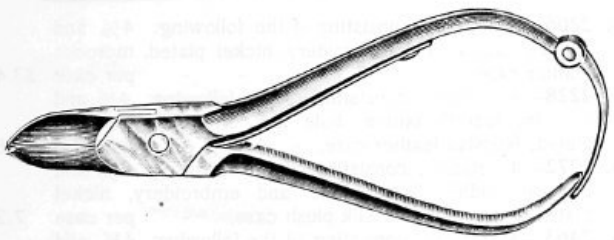
NAIL NIPPERS.



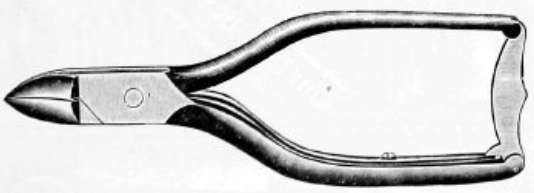
No. 323—4 in., polished steel, - - - per dozen $6.40
HALF DOZEN IN A BOX.



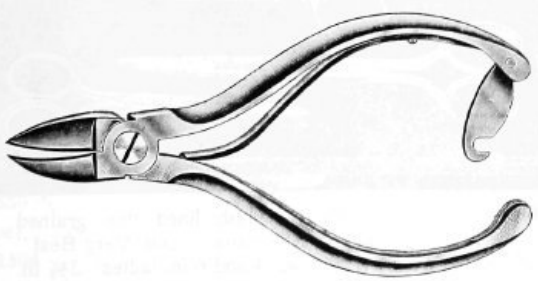
No. 320—4 in., nickel plated, made from best English steel, per dozen, - - - - - - - - $11.00
ONE DOZEN IN A BOX.



No. 1—4¾ in., solid steel, nickel plated, with leather case, per dozen, - - - - - - - - $11.90
HALF DOZEN IN EASEL DISPLAY CASE.



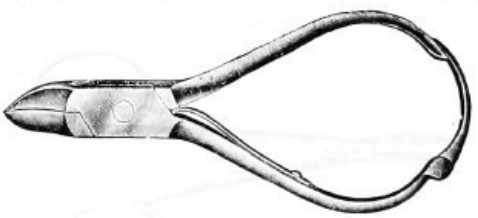
No. 317—5 in., nickel plated, - - - per dozen $32.00
HALF DOZEN IN A BOX.



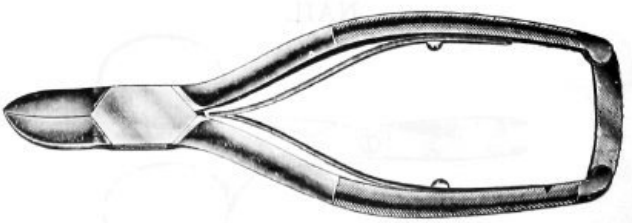
No. 22571—4¾ in., solid steel, nickel plated, - per dozen $24.00
HALF DOZEN IN A BOX.

No. 315—5 in., nickel plated and polished, volute spring, per dozen, - - - - - - - - $28.80
HALF DOZEN IN A BOX.

No. 316—5 in., nickel plated and polished, corrugated handles, volute spring, - - - - per dozen $30.60
HALF DOZEN IN A BOX.



No. 294—4½ in., nickel plated, - - - per dozen $43.20
HALF DOZEN IN A BOX.



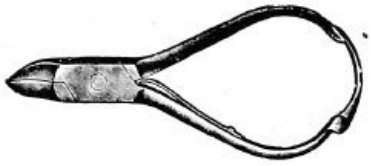
No. 301—5½ in., nickel plated and polished, made from best English steel, with scored handle, - per dozen $43.20
HALF DOZEN IN A BOX.

MANICURE GOODS.

NAIL NIPPERS.

No. 321—4¼ in., nickel plated steel, per dozen, - - - - - - - $4.00

No. 323—4 in., polished steel, - per dozen $5.00

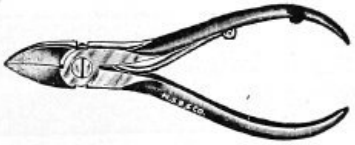


No. 320—4 in., nickel plated, made from best English steel, - per dozen $8.00

No. 317—5 in., nickel plated, - per dozen $16.00

No. 315—5 in., nickel plated and polished, volute spring, - - per dozen $21.60

No. 316—5 in., nickel plated and polished, corrugated handles, volute spring, per dozen, - - - - - - - $23.00

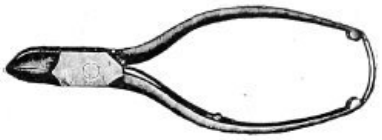


No. 330—4⅜ in., extra quality gun metal steel, nickel plated blades, - per dozen $24.00

HALF DOZEN IN A BOX.

NAIL NIPPERS.

No. 22571—4¾ in., solid steel, nickel plated, - - - - - per dozen $24.00



No. 294—4½ in., nickel plated, per dozen $34.00

No. 301—5½ in., nickel plated and polished, made from best English steel, with scored handle, - per dozen $34.00

HALF DOZEN IN A BOX.

NAIL CLIPPERS.

No. 691—Snow, nickel plated, length 2½ in., per dozen, - - - - - - $4.00

No. 2—Gem, nickel plated, length 1⅞ in., per dozen, - - - - - - $4.00

No. 44—Klip Klip, nickel plated, combines clipper, file and nail cleaner, length folded 2¼ in., - - per dozen $4.00

ONE DOZEN ON A DISPLAY CARD.

NAIL CLIPPERS.

No. 5020 —2½ in., nickel plated and polished, 2 file surfaces, - per dozen $ 8.00
No. 5020P1—Pearl one side, otherwise same as No. 5020, - - er dozen 12.00
No. 5020P —Pearl on two sides, 1 file, otherwise same as No. 5020, per dozen 13.00

HALF DOZEN IN A BOX.

No. 5021—2½ in., diagonal, nickel plated and polished, 2 file surfaces, per dozen $8.00

HALF DOZEN IN A BOX.

No. 2500—3¼ in., nickel plated, 3 file surfaces, - - - - - per dozen $20.00

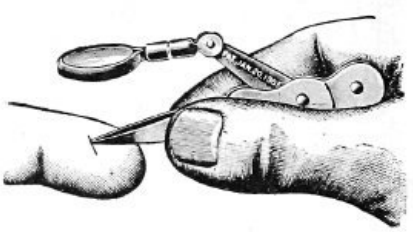
HALF DOZEN IN A BOX.

BLACK HEAD EXTRACTORS.

No. 1—4 in., nickel plated steel, file sides, spear point at one end and black head extractor at the other, - per dozen $4.00

A handy instrument in the manicure line.

COMBINATION TWEEZERS.



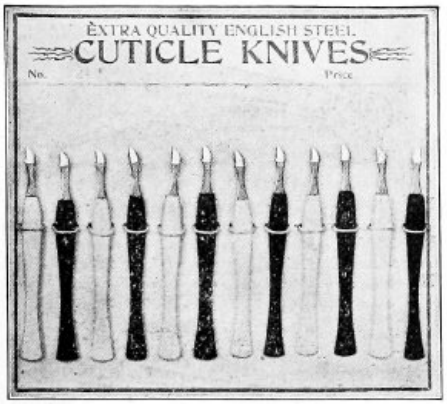
No. 5—Excelsior, 3½ in., nickel plated spring steel, ⅝ in. lens, with swivel jointed stem, in a leather case, per dozen, - - - - - - $4.00

ONE DOZEN ON A DISPLAY EASEL.

This combination tweezer with a powerful magnifying glass, will enable user to distinguish the smallest particle, and remove it without difficulty. Useful in many other ways besides the extraction of hairs and splinters. Mechanics, printers, botanists, mineralogists, jewelers and many other specialists will find this tweezer invaluable.

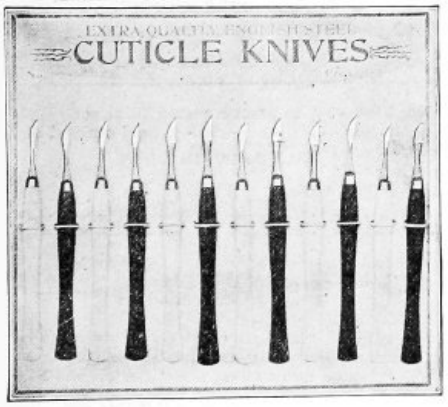
MANICURE GOODS.

CUTICLE KNIVES.



No. 0124—5¼ in., assorted bone and ebony handles with tapered ends for pushing back cuticle, crocus polished steel blades, - - - - per dozen $9.00

ONE DOZEN ON A CARD.



No. 0127—5¼ in., assorted bone and ebony handles with tapered ends for pushing back cuticle, German silver ferrules, crocus polished steel blades, per dozen $9.00

ONE DOZEN ON A CARD.

No. 127E —5 in., ebony handle, German silver ferrule, polished steel blade, per dozen, - - - - - - - $9.00

No. 127W—5 in., white bone handle, German silver ferrule, polished steel blade, per dozen, - - - - - - 9.00

No. 128E —5¼ in., ebony handle, German silver ferrule, polished steel blade, per dozen, - - - - - - - $9.00

No. 128W—5¼ in., white bone handle, German silver ferrule, polished steel blade, per dozen, - - - - - - 9.00

ONE DOZEN IN A BOX.

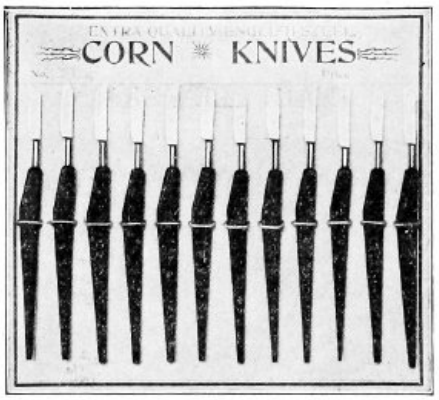
MAN-I-Q.

Man-i-q—Combined nail file, cleaner and cuticle remover, length 2⅞ in., per dozen, - - - - - - - - $1.50

Can be carried on a key chain and is so constructed that the points are protected.

ONE DOZEN ON A CARD.

CORN KNIVES.



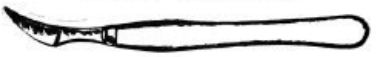
No. 0141—Assorted, crocus polished blades, ebony and cocobola handles, per dozen $7.50

ONE DOZEN ON A CARD.

No. 0130—Assorted, crocus polished blades, ebony and bone handles with German silver ferrules, - - per dozen $9.00

ONE DOZEN ON A CARD.

CORN KNIVES.



No. 130E —5½ in., ebony handle, German silver ferrule, polished steel blade, per dozen, - - - - - - - $9.00

No. 130W—5½ in., white bone handle, otherwise same as No. 130E, per dozen 9.00

No. 131E —5 in., ebony handle, German silver ferrule, polished steel blade, per dozen, - - - - - - - $9.00

No. 131W—5 in., white bone handle, otherwise same as No. 131E, - per dozen 9.00

No. 432E —6 in., ebony handle, German silver ferrule, polished steel blade, per dozen, - - - - - - - $9.00

No. 432W—6 in., white bone handle, otherwise same as No. 432E, - per dozen 9.00

No. 133E —6 in., ebony handle, German silver ferrule, polished steel blade, per dozen, - - - - - - - $10.00

No. 133W—6 in., white bone handle, otherwise same as No. 133E, - per dozen 10.00

HALF DOZEN IN A BOX.

CORN RAZORS.

No. A673—Special ground, highly tempered, strictly antiseptic, set with keenest possible edge, nickel plated metal handle, per dozen, - - - - - - $8.00

H. S. B. & Co. Corn Razor

No. A1—Special ground, highly tempered, set with keenest possible edge, hard rubber handle, - - per dozen $ 8.00

No. A2—Special ground, highly tempered, keenest possible edge, selected pearl handle, - - - - per dozen 20.00

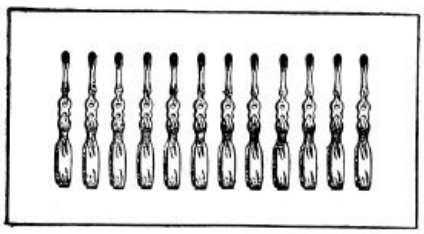
CORN RASPS.

No. 20—COMMON SENSE, rasp on one side, single cut file on the other, length 4¼ in., in leather case, - per dozen $4.00

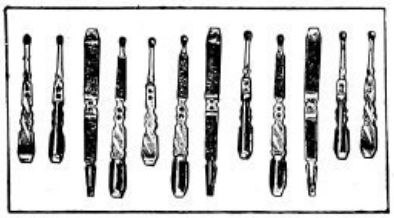
HALF DOZEN IN A BOX.

MANICURE GOODS.

TWEEZERS.



No. 50—Nickel plated, 2¾ in., - per dozen $0.80



No. 60—Nickel plated, assorted, 2½ to 3¼ in., - - - - - per dozen $1.60

No. 270—3 in., spring steel, nickel plated, with file, on cards, - per dozen $1.60

No. 0264—Assorted lengths, nickel plated, spring steel, - - - per dozen $2.50

No. 0263—2¾ in., nickel plated, spring steel, filed sides, needle points, - per dozen $3.00

ONE DOZEN ON A CARD.

TWEEZERS.

No. 110.

No. 110—4½ in., spring steel, polished, per dozen, - - - - - - - $2.50

No. 120—4½ in., spring steel, nickel plated, per dozen, - - - - - - 3.00

No. 140—3¼ in., spring steel, nickel plated, with needle attachment, - per dozen $3.00

No. 150—3¼ in., spring steel, nickel plated, with needle attachment, - per dozen $3.00

No. 230—3½ in., spring steel, nickel plated, per dozen, - - - - - - $4.00

No. 259—3½ in., spring steel, nickel plated, file sides and points, - per dozen $5.00

No. 260—4 in., spring steel, nickel plated, file sides and points, - per dozen $5.00

No. 200—3 in., spring steel, nickel plated, with file, - - - per dozen $5.50

No. 225—3 in., spring steel, nickel plated, with file and needle attachment, per dozen, - - - - - - - $5.50

No. 254—4⅝ in., spring steel, nickel plated, file sides and points, - per dozen $6.00

No. 253—2½ in., spring steel, nickel plated, with file, - - - per dozen $5.50

No. 252—3 in., otherwise same as No. 253, per dozen, - - - - - 6.50

No. 497 —3 in., spring steel, nickel plated, with file, - - - per dozen $7.20

No. 497¼—3¼ in., otherwise same as No. 497, - - - per dozen 7.20

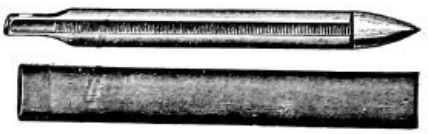
No. 497½—3½ in., otherwise same as No. 497, - - - per dozen 7.20

ONE DOZEN IN A BOX.

NAIL FILES.

No. 300—Folding combination nail cutter and file, - - - per dozen $1.80

ONE DOZEN ON A DISPLAY CARD.



No. 400—3¾ in., nickel plated, combination nail cutter, nail cleaner and nail file, grooved on each side, leather case, per dozen, - - - - - - $2.50

HALF DOZEN ON A CARD.

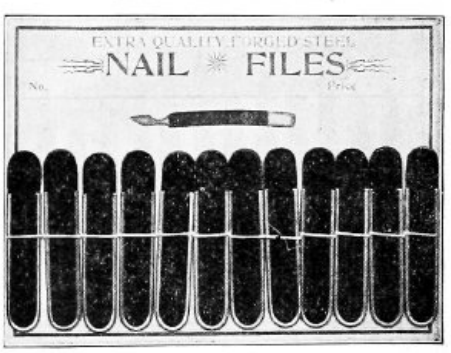
Fine Steel, Polished Ends.

No. 339½—Inches, 2½ 3 3½ 4
Per dozen, - $2.00 2.00 2.40 3.00

ONE DOZEN IN A BOX.

No. 250—3½ in., fine steel, polished ends, grooved edge, knife point, leather case, per dozen, - - - - - $4.00

HALF DOZEN ON A CARD.



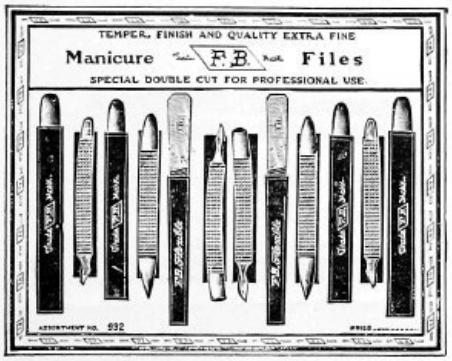
No. 280—3½ in., flexible steel, nickel plated handle and cuticle pusher, - per dozen $4.00

No. 281—Assorted lengths, double cut file, polished cuticle pusher and point, per dozen, - - - - - - $4.00

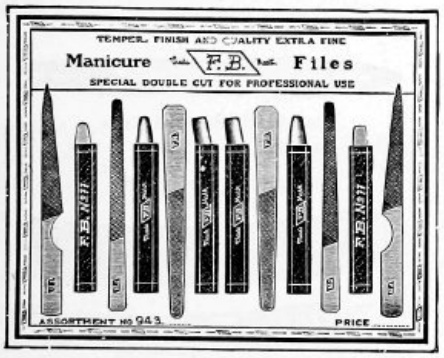
ONE DOZEN ON A CARD.

MANICURE GOODS.

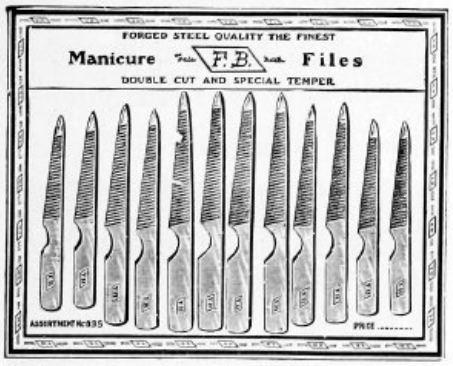
NAIL FILES.



No. 932—Assorted lengths and styles, both flexible and stiff steel, in leatherette cases, - - - - - per dozen $4.00



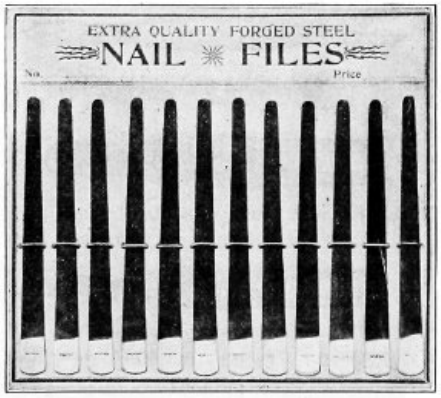
No. 943—Assorted lengths and styles, flexible steel, double cut, - - per dozen $4.00



No. 941—Assorted lengths, flexible steel, double cut, blued handles and points, per dozen, - - - - - - $4.00

No. 283—Assorted lengths, flexible steel, polished handles and points, per dozen $4.00
ONE DOZEN ON A CARD.

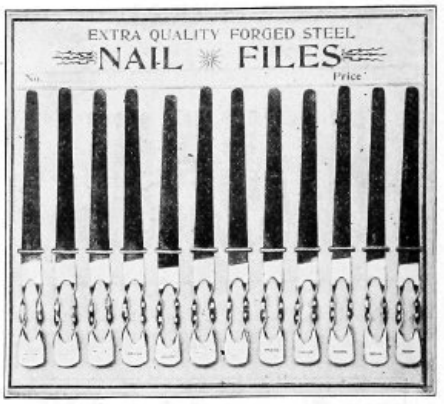
No. 112—5⅛ in., flexible steel, polished point with cutting edge, - per dozen $4.00
ONE DOZEN ON A CARD.



No. 115—6 in., flexible steel, double cut, polished handle, - - per dozen $4.00
ONE DOZEN ON A CARD.

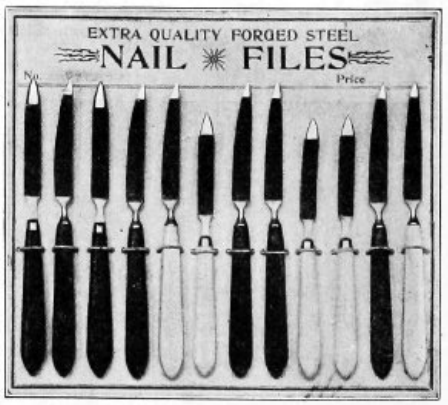
No. 282—Assorted lengths, flexible steel, double cut, polished points, per dozen $6.00
ONE DOZEN ON A CARD.

No. 116½—5½ in., flexible steel, polished point, nickel plated handle, per dozen $6.00
No. 117½—5 in., without point, otherwise same as No. 116½, - per dozen 6.00
No. 443 —5¼ in., extra quality steel, polished point, nickel plated handle, per dozen, - - - - - - - 7.20
No. 444 —5½ in., otherwise same as No. 443, - - - - - per dozen 8.00
ONE DOZEN IN A BOX.



No. 115T—6 in., flexible steel, double cut, polished twist handle, - per dozen $8.00
The twisted handle gives a firm hold, preventing the file from slipping in the hand
ONE DOZEN ON A CARD.

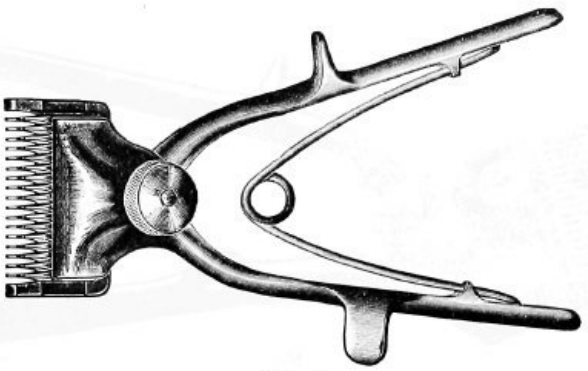
No. 118E—3 in. file, with grooved edge and nickel plated point, ebony handle, German silver ferrule, - per dozen $6.60
No. 118W—3 in. file, white bone handle, otherwise same as No. 118E, per dozen 6.60
No. 497½—2½ in. curved file, white bone handle, otherwise same as No. 118E, per dozen, - - - - - - 8.00
ONE DOZEN IN A BOX.



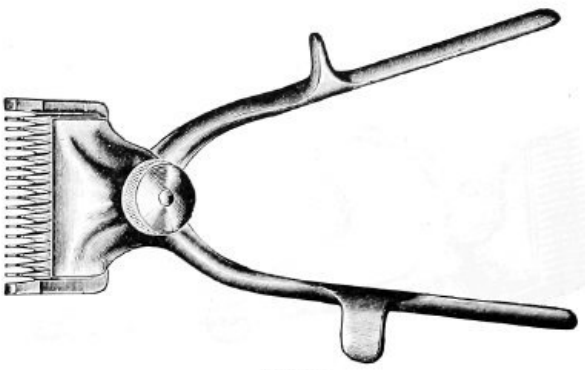
No. 0421—Assorted bone and ebony handles, with German silver ferrules, assorted lengths, curved and straight files with grooved edges and nickel plated points, per dozen, - - - - - - $9.00
ONE DOZEN ON A CARD.

No. 421W—3 in. file, extra quality steel, with grooved edges and nickel plated point, white bone handle, per dozen $ 8.00
No. 359W—3¼ in. file, extra quality steel, with thick back tapering to thin edge, nickel plated point, white bone handle, per dozen, - - - - - - 11.50
No. 359E —3¼ in. file, extra quality steel, ebony handle, otherwise same as No. 359W, - - - - - per dozen 11.50
No. 483W—3½ in. file, extra quality steel, with thick back tapering to thin edge, one coarse and one fine side, white bone handle, - - - - - per dozen 11.50
ONE DOZEN IN A BOX.

TOILET CLIPPERS.



No. 10.

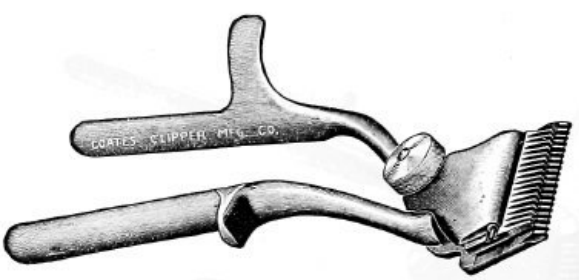


No. 11.

No. 10—COATES' SPORT, nickel plated, 1⅞ in. plate, cuts ⅛ in., - - - - - - - - - - - per pair $1.10
No. 11—COATES' YANKEE, nickel plated, 1⅞ in. plate, cuts ⅛ in., - - - - - - - - - - - " 1.10

ONE PAIR IN A BOX.

No. 241.



Nos. 141 and 151.

No. 241—COATES', nickel plated, 1⅞ in. plate, cuts ⅛ in., - - - - - - - - - - - per pair $1.60
No. 141—COATES', barbers', ball bearing, nickel plated, 1⅞ in. plate, cuts ⅛ in., - - - - - - - - - " 2.00
No. 151—COATES', perfected barbers', ball bearing, nickel plated, 1⅞ in. plate, cuts ⅛ in., - - - - - - - " 3.50

ONE PAIR IN A BOX.

No. 191.

No. 101.

No. 191—COATES', perfected barbers', ball bearing, patent pull spring, nickel plated, 1⅞ in. corrugated plate, cuts ⅛ in., - per pair $3.50
No. 101—COATES', barbers' bent, with curved bottom plate, otherwise same as No. 191, especially useful for the back of head, " 3.75

ONE PAIR IN A BOX.

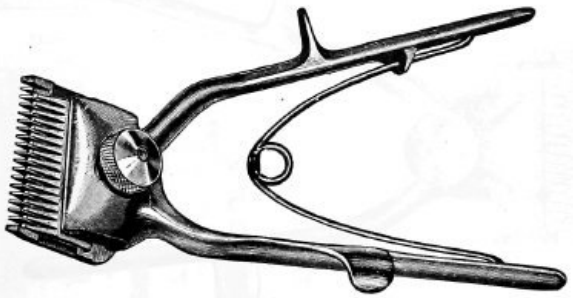
No. 251.

No. 61.

No. 251—COATES' 20TH CENTURY, ball bearing, nickel plated, 1⅞ in. corrugated plate, cuts ⅛ in., with comb cuts ¼ in., scored handle, right or left hand, adjustable ratchet grip tension, perpendicular movement, - - - - - - per pair $4.50
No. 61—COATES', adjustable, nickel plated, 1⅞ in. plate, cuts ⅛ to 5/16 in., with removable comb, - - - - " 5.25

ONE PAIR IN A BOX.

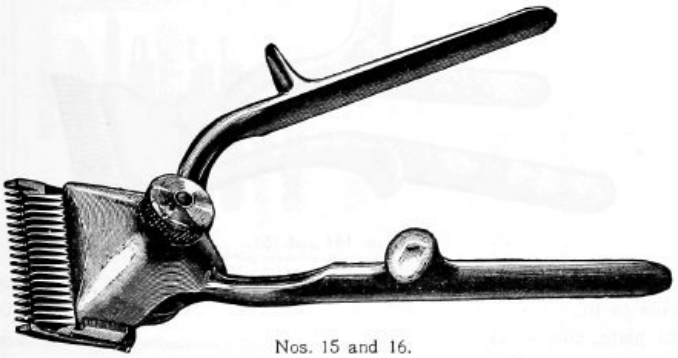
TOILET CLIPPERS.



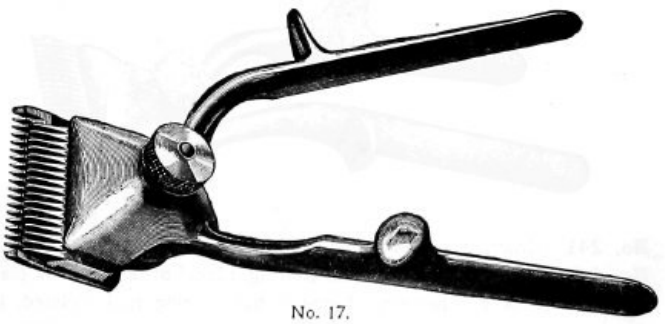
No. 12.

No. 9.

No. 12—PRIEST'S CADET, nickel plated, 1¾ in. smooth plate, cuts ⅛ in., - - - - - - - - - per pair $1.10
No. 9—PRIEST'S KING, ball bearing, nickel plated, 1⅛ in. diamond checked plate, cuts ⅛ in., - - - - " 4.25
ONE PAIR IN A BOX.



Nos. 15 and 16.



No. 17.

No. 15—PRIEST'S SPEED, nickel plated, 1⅞ in. plate, cuts ⅛ in., - - - - - - - - - - per pair $1.10
No. 16—PRIEST'S COLUMBIAN, nickel plated, light, 1¾ in. plate, cuts ⅛ in., - - - - - - - - " 2.00
No. 17—PRIEST'S EXPRESS, ball bearing, nickel plated, heavy, 1¾ in. plate, cuts ⅛ in., - - - - - - " 2.25
ONE PAIR IN A BOX.

CLIPPER COMBS.

No. 16C.

No. 2C.

No. 2C—COATES', to cut hair ¼ in. long, will fit Coates' clippers Nos. 10, 11, 141, 151, 241 and 251, per dozen $4.50
No. 16C—For Nos. 16 Columbian and 17 Express clipper, to cut hair ¼ in. long, - - - - per dozen 4.50
HALF DOZEN IN A BOX.

CLIPPER SPRINGS.

Invisible Coil.

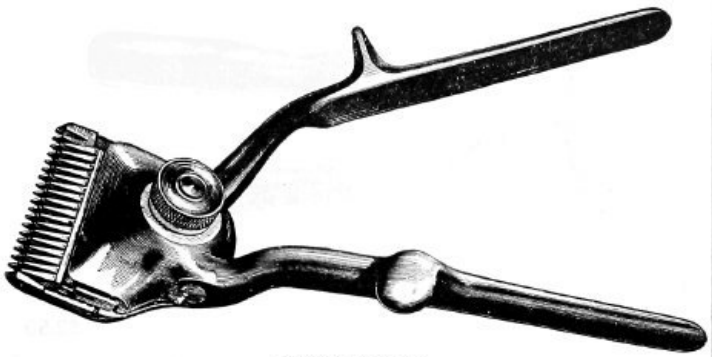
No. 11—Will fit Nos. 11, 141, 151 and 241, - per dozen $0.54
No. 16—Will fit Nos. 16, 17 and 15, - - " 1.08
No. 9—Will fit No. 9, - - - - - " 1.08
Wide-Awake, for Wide-Awake, - - - " .54

Visible Spiral.

No. 71—Will fit Nos. 271, 12, 201, 171 and 10, per dozen $1.44
No. 64—Will fit No. 64, - - - - " 1.44
No. 22—Will fit No. 22 French, - - per dozen pairs 3.60

BROWN & SHARPE'S CLIPPERS.

IMPROVED.



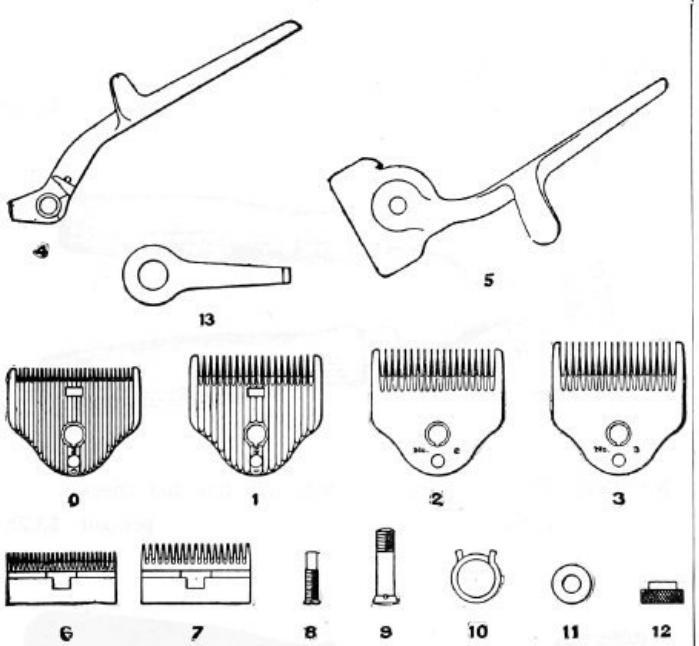
Nickel Plated.

No. 000—1⅜ in. corrugated plate, cuts extra close,	per pair		$3.00
No. 00—1⅜ in. corrugated plate, cuts very close,	"		3.00
No. 0—1⅞ in. corrugated plate, cuts very close,	"		3.00
No. 1—1⅞ in. corrugated plate, cuts ⅛ in.,	-	"	3.00
No. 2—1⅞ in. smooth plate, cuts ¼ in.,	-	"	3.50

Improved and Bressant clippers have the same numbers. In ordering specify kind desired. The No. 000 has been introduced to meet the demand for a light toilet clipper to use about the neck or for trimming the beard. In many instances, as it cuts the hair very short, it is used in preference to shaving.

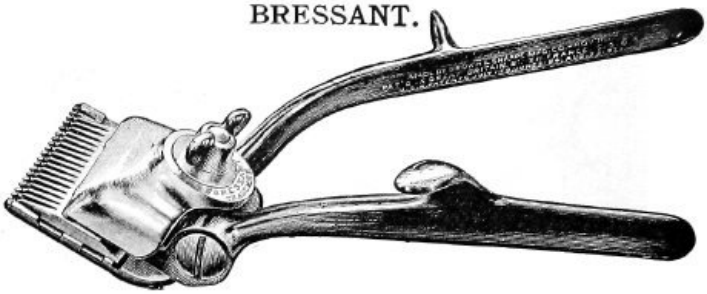
ONE IN A BOX.

PARTS FOR IMPROVED.



No. 0—Bottom plate for Nos. 0, 00 or 000 clipper,	each		$1.25
No. 1—Bottom plate for No. 1 clipper,	-	"	1.25
No. 2—Bottom plate for No. 2 clipper,	-	"	1.50
No. 3—Bottom plate for No. 3 clipper,	-	"	1.75
No. 4—Lever,	-	"	.75
No. 5—Frame,	-	"	.75
No. 6—Top plate for Nos. 0, 00 or 000 clipper,	-	"	.75
No. 7—Top plate for Nos. 1, 2 and 3 clippers,	-	"	.75
No. 8—Spring adjusting screw,	-	"	.05
No. 9—Bolt,	-	"	.10
No. 10—Spring,	-	"	.05
No. 11—Washer,	-	"	.04
No. 12—Nut,	-	"	.15
No. 13—Screw driver,	-	"	.15

BRESSANT.



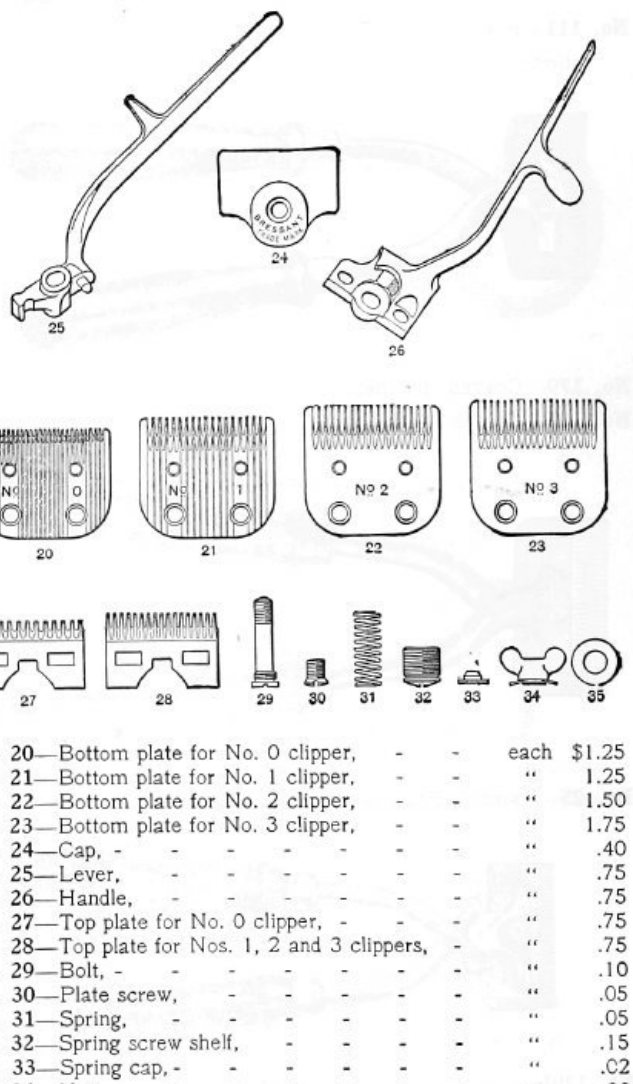
Nickel Plated.

No. 0—1⅞ in. corrugated plate, cuts very close,	- per pair		$3.00
No. 1—1⅞ in. corrugated plate, cuts ⅛ in.,	-	"	3.00
No. 2—1⅞ in. smooth plate, cuts ¼ in.,	-	"	3.50
No. 3—1⅞ in. smooth plate, cuts 5/16 in.,	-	"	4.00

Improved and Bressant clippers have the same numbers. In ordering specify kind desired.

ONE IN A BOX.

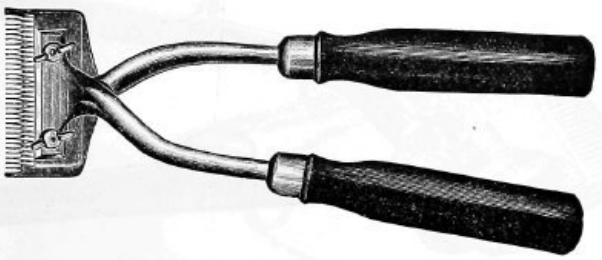
PARTS FOR BRESSANT.



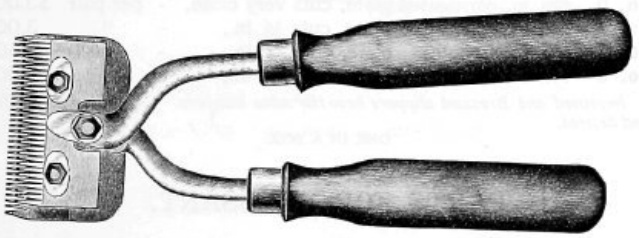
No. 20—Bottom plate for No. 0 clipper,	-	each	$1.25
No. 21—Bottom plate for No. 1 clipper,	-	"	1.25
No. 22—Bottom plate for No. 2 clipper,	-	"	1.50
No. 23—Bottom plate for No. 3 clipper,	-	"	1.75
No. 24—Cap,	-	"	.40
No. 25—Lever,	-	"	.75
No. 26—Handle,	-	"	.75
No. 27—Top plate for No. 0 clipper,	-	"	.75
No. 28—Top plate for Nos. 1, 2 and 3 clippers,	-	"	.75
No. 29—Bolt,	-	"	.10
No. 30—Plate screw,	-	"	.05
No. 31—Spring,	-	"	.05
No. 32—Spring screw shelf,	-	"	.15
No. 33—Spring cap,	-	"	.02
No. 34—Nut,	-	"	.20
No. 35—Spring washer,	-	"	.04

We carry all of the extra parts listed above in stock, and can fill orders promptly.

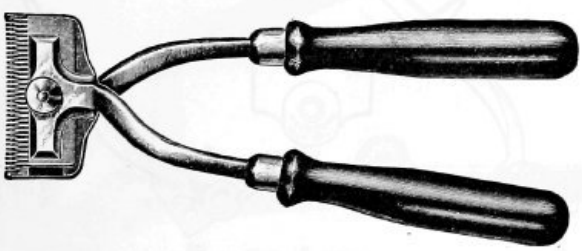
HORSE CLIPPERS.



No. 89—Coates', polished, - - - - - per pair $1.40

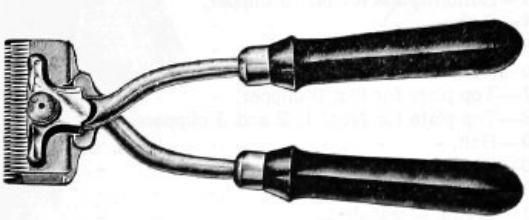


No. 111—Bariquard & Marre, French Clark System, stirrup brand, polished, - - - - - per pair $1.50



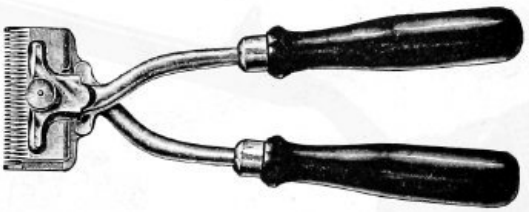
No. 179—Coates', polished, - - - - - per pair $1.50
No. 85—Coates', nickel plated, - - - - " 1.75

No. 25—Priest's Polo, polished, - - - - per pair $1.60

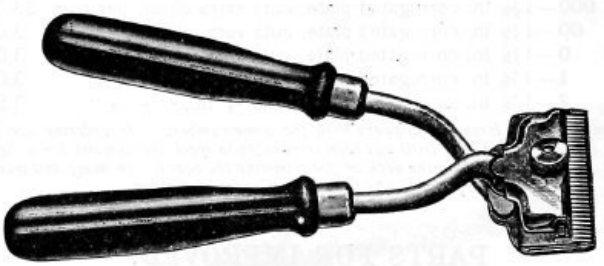


No. 129I—Coates' Newmarket, improved, polished and case hardened, - - - - - - per pair $2.00

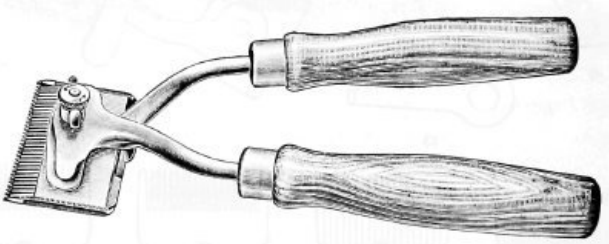
ONE PAIR IN A BOX.



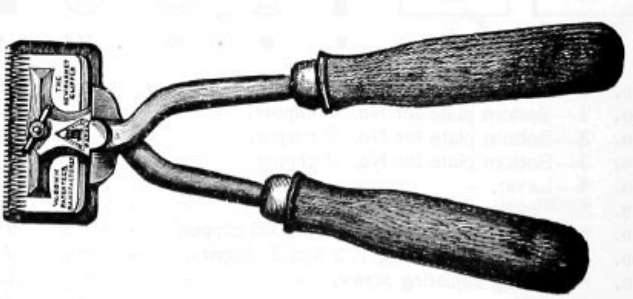
No. 139—Coates' Newmarket, nickel plated, oval handles, per pair, - - - - - - - - - $2.50



No. 159—Coates', ball bearing, extra quality, dust proof, nickel plated, - - - - - - per pair $3.00



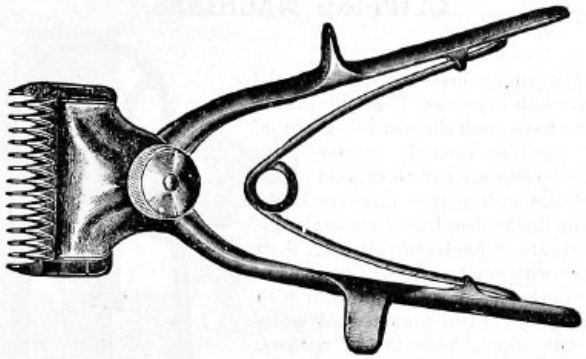
No. 1895—Brown & Sharp's, with adjusting and check nuts, half polished, - - - - - - per pair $3.25



No. 30—Bown's Genuine Newmarket, nickel plated, per pair, - - - - - - - - - - $4.25

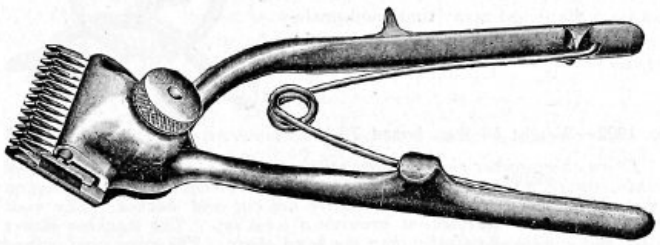
ONE PAIR IN A BOX.

FETLOCK CLIPPERS.

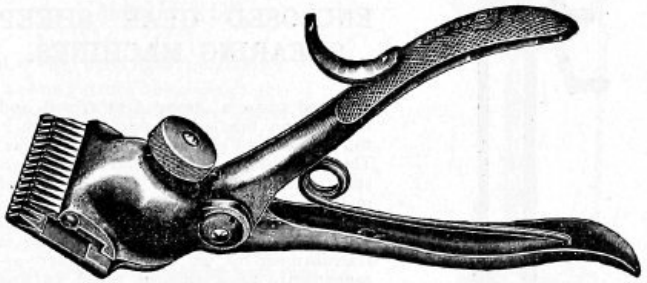


No. 71—COATES', 1⅞ in. plate, cuts ⅛ in., nickel plated, per pair, - - - - - - - - - $1.60

For trimming fetlocks and ears; also for clipping dogs.



No. 171—COATES', ball bearing, 1⅞ in. plate, cuts ⅛ in., per pair, - - - - - - - - - $2.50



No. 271—COATES' 20TH CENTURY, ball bearing, 1⅞ in. plate, cuts ⅛ in., right or left hand, perpendicular movement, nickel plated, - - - - - - per pair $3.75

ONE IN A BOX.

ROACHING SHEARS.

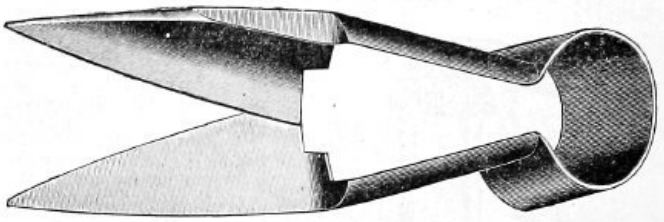
No. 9161—Curved blades, polished handles, 7½ in. long, per dozen, - - - - - - - - - $17.00

No. 9162—Curved blades, leathered handles, 7½ in. long, per dozen, - - - - - - - - - 20.50

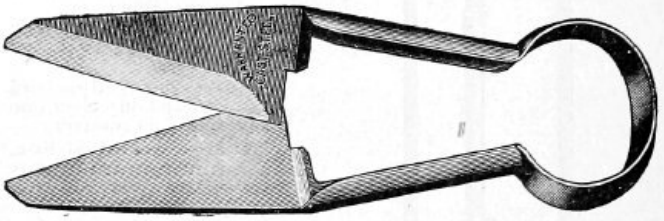
No. 9163—HEINISCH'S, curved blades, japanned handles, 9 in. long, - - - - - - - per dozen $36.00

HALF DOZEN IN A BOX.

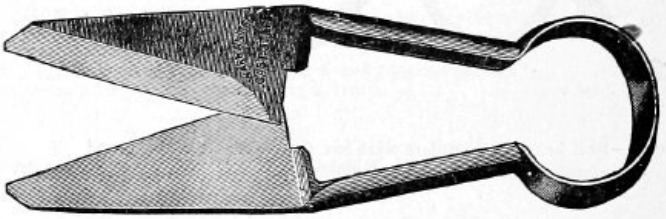
MULE SHEARS.



No. 1087—Half polished bent blades, 8 in. long, - per dozen $5.95



No. 1090—Half polished curved blades, 9 in. long, per dozen $7.20

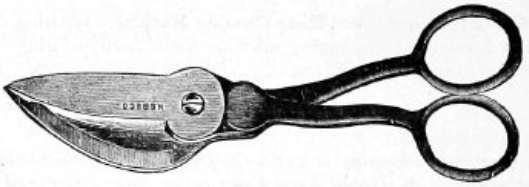


No. 51—Full polished curved blades, tempered and hardened, 9½ in. long, - - - - - - per dozen $8.00

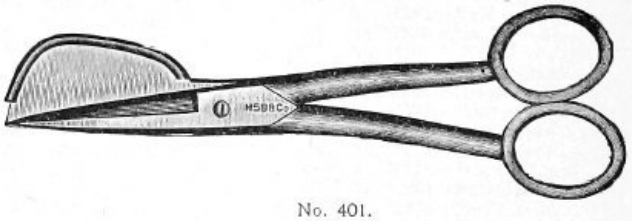
No. 5½—Half polished, trowel shank, straight blades, full length 9 in., - - - - - - per dozen 8.00

HALF DOZEN IN A BOX.

LAMP TRIMMERS.



No. 40—Polished steel blades, japanned handles, - per dozen $6 80



No. 401.

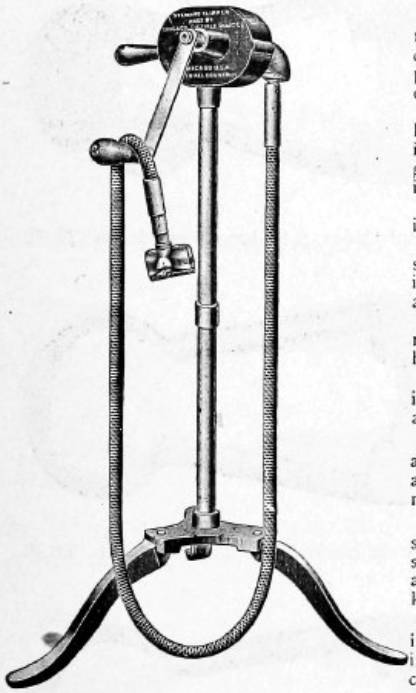
No. 30—Japanned handles, polished steel blades, per dozen $5.95

No. 401—Polished steel, 6½ in., - - " 8.90

HALF DOZEN IN A BOX.

STEWART'S CLIPPING AND SHEARING MACHINES.

CLIPPING MACHINES.



Without exception, the most perfect clipping machine ever made. It runs practically without friction or wear.

A slow turning of the handle is transformed, by the ingenious mechanism of the gears, to a tremendous speed in the knife.

It turns so easily that it is mere play to run it.

The entire machine is sturdy, compact and perfect in every detail of material and workmanship.

The price puts it within reach of every farmer and horse owner.

The gearing is all enclosed in a dust and dirt proof case and runs in oil constantly.

It has a solid tripod base, a strong upright and its gears are all cut from solid steel made file hard.

It has six feet of our latest style, easy running flexible shaft, and the famous Stewart one nut tension clipping knife—highest grade.

The machine is compact in form and can be packed in a very small space, or even carried in a satchel.

No. 1—Ball bearing, complete with six feet of flexible shaft and one clipping knife, shipping w't 36 lbs.....each $ 7.50

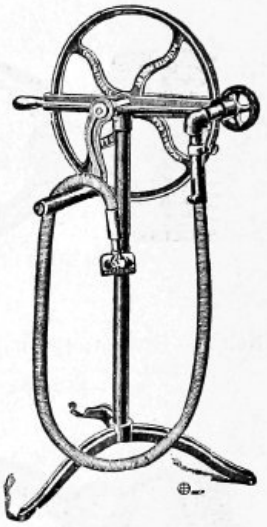
Sheep Shearing Attachment, for No. 1 horse clipping machine complete with solid core shaft and the celebrated No. 5 Stewart shear with 4 sets of knives (same shear as furnished with No. 8 and New Model sheep shearing machines), only a few minutes time required to take off horse clipping shaft and attach sheep shearing shaft, shipping w't 20 lbs.....each $7.75

Combination Horse Clipping and Sheep Shearing Machine, consisting of No. 1 Stewart horse clipping machine with sheep shearing attachment, shipping w't 52 lbs.....each $15.25

Every horse worth keeping is worth clipping. This should be done at the proper season. A clipped horse looks better, feels better and works better. He dries out quickly after the day's work, rests well and his food does him good. He is more easily kept clean and increases in commercial value.

CLIPPING MACHINES.

A big, strong machine and a special favorite with liverymen, blacksmiths, and all who have much clipping to do. 18 in. large gear, is carefully machined all over, the teeth are cut from solid metal and engage with perfect precision in the teeth of the hardened steel pinion; wearing parts are all hardened tool steel, shaft revolves with great speed and completely equalizes the motion. Easily turned with either hand. Light running and noiseless, will clip a horse in 30 minutes. Rigid tripod base and strong tubular upright. Equipped with 6½ ft. highest grade flexible shaft and Stewart one nut balance pressure knife. The knives can be resharpened many times and made equal to new by using the Automatic grinder.



No. 1902—Weight 56 lbs., boxed 75 lbs.....each $10.75

Every sheep owner should shear with a machine. It takes off the wool evenly, leaving no wasted stubble and the wool full length therefore of highest value. The sheep look smooth and are not cut and hacked. The wool grows evenly and next season presents a level top. The machine shears faster and more economically than the hand shear. The extra wool gained on a few sheep pays for a machine.

ENCLOSED GEAR SHEEP SHEARING MACHINES.

Fitted upon a strong firm tripod and requires no bracket or post to attach it to, is ready to use anywhere, any time. The gears are cut from solid hard tough steel, and are enclosed in a dustproof metal case where they run constantly in oil with the least possible friction and wear. A slow easy turn of the knife is transformed, by an ingenious gear arrangement, to a smooth rapid cutting motion of the knife. Fitted with a solid core shaft with universal joints, permitting it to be turned in any direction. Each machine is furnished with the No. 5 Stewart shear and 4 sets of knives. The shear is of simple adjustment and of equal tension throughout. It is perfectly balanced, will shear all grades of wool.

No. 8—Weight boxed 45 lbs.....each $9.75

Horse Clipping Attachment, for Stewart sheep shearing machines, complete with 6½ ft. latest improved flexible shaft eye spindle and Stewart one nut tension clipper knife and handle, only a few minutes time required to take off sheep shearing shaft and attach the horse clipping shaft, w't 6 lbs.....each 5.50

CLIPPING AND SHEARING MACHINES AND PARTS.

NEW MODEL SHEEP SHEARING MACHINES.

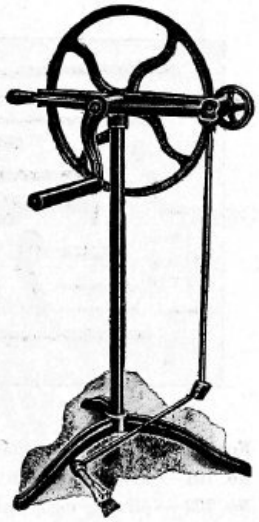
This machine is a marvel of simplicity and strength. It turns easily and cuts fast, saves wool, time and labor and saves the sheep. 18 in. large gear, carefully turned and milled, enclosed in a stationary frame and drives a steel cut pinion to which a solid core jointed shaft is attached. The shaft has universal joints permitting it to be turned in any direction. A small turned balance wheel fitted to the pinion shaft runs at a high speed and steadies the motion of the machine at all times. All parts are interchangeable. Each machine is fitted with the improved No. 5 Stewart shear and 4 sets of knives.

New Model, weight boxed 56 lbs. ..... each $12.75

The knives can be resharpened many times and made equal to new by using the automatic grinder shown on page 1698B.

No. 06—Combination horse clipping and sheep shearing machine, consisting of new model driving gear mounted on tripod standard, solid core shaft with No. 5 Stewart shear and 4 sets of combs and cutters (same as furnished with new model sheep shearing machine) also 6½ ft. latest improved flexible shaft for horse clipping with Stewart one nut tension horse clipping knife and handle, w't boxed 80 lbs., complete ..... each $18.25

SHEEP SHEARING MACHINES.



No. 6—Set upon rigid tripod standard and strong tubular upright, otherwise same as New Model sheep shearing machine as described above, w't boxed 75 lbs., each $15.00

The knives can be resharpened many times and made equal to new by using the automatic grinder shown on page 1698B.

THE IMPROVED STEWART No. 11 GRINDERS.

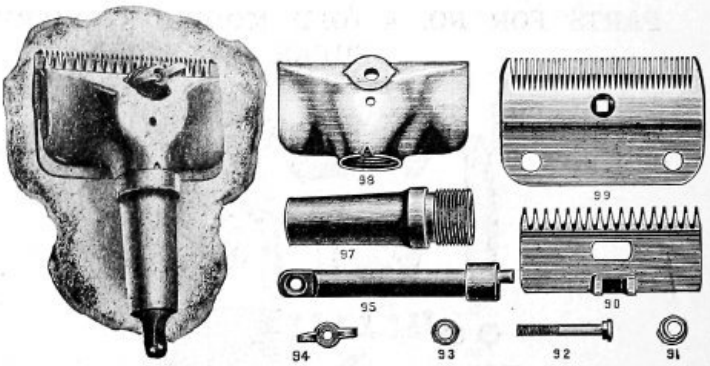
For use on the No. 1 horse clipping machine and on the No. 8 sheep shearing machine. Constructed of metal throughout, may be attached to the machine in place of the shaft by means of an ingenious mechanism. This attachment makes it possible to put a perfect edge on the knives of No. 1 horse clipper or No. 8 sheep shearer in a few seconds time obviating the time and expense incurred in sending them away to be sharpened.

No. 11—Grinder attachment complete, w't boxed 8 lbs. ..... each $3.50

ACCESSORIES FOR ALL STEWART HORSE CLIPPING MACHINES.

Chain for flexible shaft	per foot	$0.30
Flexible shaft complete	"	.75
Shaft without chain	"	.50
Oil	per quart	.50
Oil	per gallon	1.00
Chain paste, 1-lb. can	each	.25
Chain paste, 3-lb. can	"	.50
Small squirt can, filled with oil	"	.15

PARTS FOR HORSE CLIPPING KNIVES.



Stewart One Nut Tension, Dust Proof Pattern, Balance Pressure.

Stewart's patent handle and knife complete	each	$3.50
Stewart's patent knife without handle	"	2.50
Stewart's patent handle only	"	1.00
No. 90—Top plate	"	1.00
No. 91—Tension spring of handle	"	.05
No. 92—Tension bolt of handle	"	.05
No. 93—Eccentric roll of handle	"	.10
No. 94—Tension nut of handle	"	.05
No. 95—Pin and shaft of handle	"	.35
No. 97—Shank of handle	"	.40
No. 98—Front part of handle	"	.50
No. 99—Bottom plate	"	1.50

The construction is exceedingly simple, there are no unnecessary parts, simple nut adjustment produces equal tension throughout.

Postage on a set of horse or sheep knives by registered mail $0.16
Grinding all kinds of horse clipping knives ..... per set .50

PARTS FOR STEWART No. 5 SHEAR.

This shear has been supplied on all machines sent out since January 1, 1908, unless otherwise ordered. During the first season it was called the No. 8 shear.

The Stewart No. 5 shear is perfect in construction and operations, at every point where friction could occur the parts are hardened file hard by a scientific process in especially built gas hardening furnaces. All parts fit so perfectly that all wear incident to play is entirely eliminated. This shear will do more and better work and last longer than any other.

Handle Complete

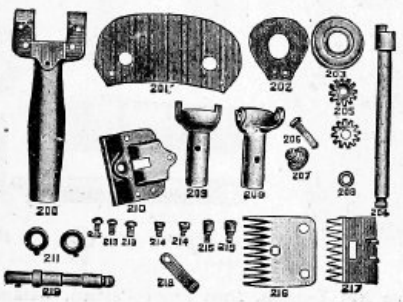
No. 5—STEWART SHEAR complete with 1 pair of combs and cutters, w't 3¼ lbs. ..... each $4.50

No. H250—Shell	each	$1.00	**No. H264**—Tension nut disc, each		$0.10
No. H251—Lid	"	.50	**No. H265**—Main spindle	each	.50
No. H252—Tension nut	"	.25	**No. H266**—Joint spindle	"	.25
No. H253—Tension pin	"	.25	**No. H267**—Cog	"	.40
No. H254—Oil hole screw	"	.05	**No. H268**—Crank roller	"	.20
No. H255—Tension spring	"	.10	**No. H269**—Handle grip	"	.25
No. H256—Comb screw	"	.10	**No. H270**—Joint gds. (set)	"	.25
No. H257—Fork	"	1.50	**No. H271**—Tongue pin	"	.02
No. H258—Tension spg scw	"	.05	**No. H272**—Shell cup	"	.10
No. H259—Fork pin	"	.05	**No. H273**—Joint spd. pin	"	.02
No. H260—Joint screw	"	.05	**No. H274**—Fulcrum	"	.10
No. H261—Fork tongue	"	.25	**No. H275**—Shear joint	"	1.00
No. H262—Lid screw	"	.05	**No. H276**—Cutter	"	.15
No. H263—Ferrule	"	.05	**No. H277**—Comb	"	.50

Sharpening all kinds of sheep shearing knives ..... per pair $0.10

GRINDERS AND PARTS FOR CLIPPING AND SHEARING MACHINES.

PARTS FOR NO. 4 (OLD MODEL) STEWART SHEAR.



Handle Complete.

No. 4—STEWART SHEAR, with 1 pair of combs and cutters complete.. $3.50

No. 200—Handle shell	each $1.00	**No. 211**—Washer	each $0.05
No. 201—Leather guard	" .15	**No. 212**—Tension spg scw	" .05
No. 202—Leather washer	" .10	**No. 213**—Lid screws	" .10
No. 203—Ferrule	" .15	**No. 214**—Yoke screws	" .05
No. 204—Long spindle	" .60	**No. 215**—Stud screws	" .10
No. 205—Cogs	" .40	**No. 216**—Comb	" .50
No. 206—Tension bolt	" .10	**No. 217**—Cutter	" .50
No. 207—Tension nut	" .10	**No. 218**—Tension spring	" .15
No. 208—Eccentric roll	" .10	**No. 219**—Short spindle	" .40
No. 209—Yoke	" .45	**No. 220**—Lacing	" .10
No. 210—Lid	" .75		

Grinding all kinds of sheep shearing knives ..... per pair $0.10

This shear was furnished with our hand power sheep shearing machines previous to the spring of 1908.

AUTOMATIC CLIPPER KNIFE GRINDERS.

Requires no skill or experience as it is automatic and cannot go wrong.

This machine will sharpen a knife in a few minutes to cut as good as new. Saves sending plates to the factory to be ground. Made of metal throughout. Can be run by power by substituting a pulley for the crank handle.

No. 13—For sheep shearing knives ..... each $6.00
No. 15—For horse clipper knives ..... " 6.00
No. 16—For both horse clipper and sheep shearing knives .... " 6.50

WEIGHT BOXED, 30 LBS.

Extra holders for No. 5 shearing knives ..... per pair $0.50
Extra holders for No. 4 shearing knives ..... " .50
Extra holders for horse clipping knives ..... " .50
Emery paste grinder preparation, in 1 lb. package ..... per package .25

Note—Nos. 4 and 5 shearing knives each require a different set of holders which may be used on the same grinder.

CHICAGO VETERINARY POWER FLOATS.

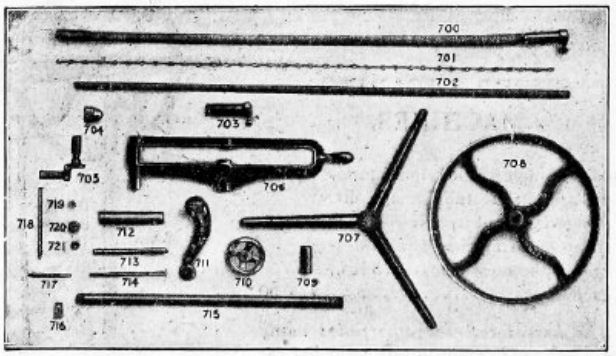
These floats keep the teeth of horses in good condition. Half the food will do more good if the teeth are in good condition to chew it properly. Can be attached very easily to any of our horse clipping machines.

Chicago veterinary power float including one file .. each $4.25

Extra files ..... " .50

PACKED IN CARDBOARD BOXES, WEIGHT 2 LBS.

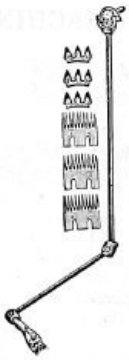
PARTS OF CHICAGO HORSE CLIPPING MACHINES.



No. 700—Shaft without chain, 6½ ft	each $3.25	**No. 711**—Crank	" .50
No. 701—Chain for shaft, 6½ ft	" 1.95	**No. 712**—Wood handle	" .15
No. 702—Spiral spring (without cover)	" 1.80	**No. 713**—Axle	" .50
No. 703—Top sleeve	" .50	**No. 714**—Handle bolt	" .25
No. 704—Gear cap	" .50	**No. 715**—Upright	" 1.00
No. 705—Gear head casting	" 1.50	**No. 716**—Pinion	" .50
No. 706—Bracket	" 2.00	**No. 717**—Eye spindle	" .50
No. 707—Tripod	" 2.00	**No. 718**—Pinion shaft	" .50
No. 708—Drive wheel	" 2.50	**No. 719**—Small cog	" .25
No. 709—Bottom sleeve	" .25	**No. 720**—Large cog	" .50
No. 710—Balance wheel	" 1.00	**No. 721**—Hexagon nut for handle bolt	" .05

CLIPPING AND SHEARING MACHINE PARTS.

SHEEP SHEARING ATTACHMENTS.



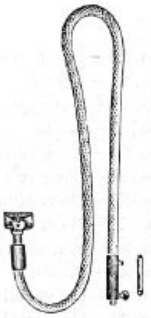
For Use on Our Stewart No. 1 or 1902 Chicago Horse Clipping Machines.

Attachment consists of complete No. 5 Stewart Shear head, four sets of shearing knives, the solid core, universal jointed shafts and cogs as shown here.

Attachment, complete.....each $7.75

Parts and prices thereon for this attachment are the same as for the corresponding parts of the No. 8 shearing machine.

CLIPPING ATTACHMENT FOR No. 8 AND NEW MODEL SHEARING MACHINES.

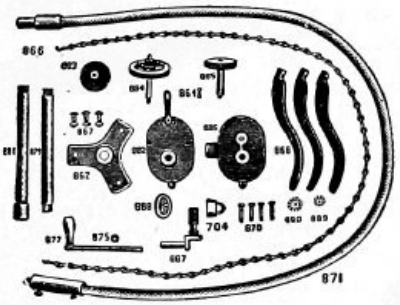


Attachment consists of eye spindle and 6½ ft. highest grade flexible shaft complete, with Stewart one-nut horse clipping knife.

Attachment, complete.....each $5.50

Parts and prices thereon for this attachment are the same as for the corresponding parts of the No. 1 Clipping Machine.

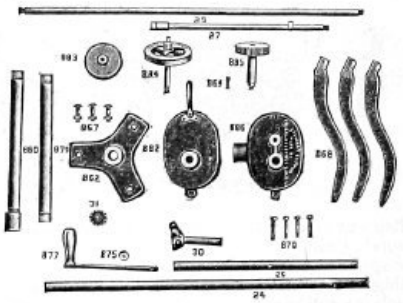
PARTS FOR STEWART No. 1 BALL BEARING CLIPPING MACHINES.



As supplied since August 1, 1908.

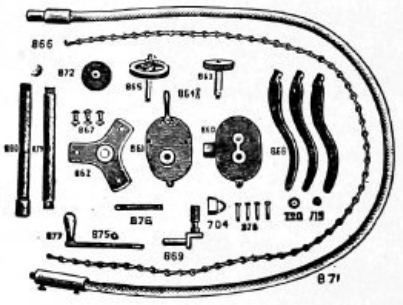
No. 704—Gear cap	each	$0.50
No. 886—Gear case	"	1.00
No. 882—Gear case cover	"	.75
No. 862—Leg bracket	"	.35
No. 885—Drive gear and spindle	"	1.50
No. 864—Cotter pin	"	.02
No. 884—Balance wheel and spindle	"	1.00
No. 866—Chain	per foot	.30
No. 867—Bracket studs and nuts	per set	.15
No. 868—Legs	each	.35
No. 887—Gear head castings	"	1.50
No. 870—Gear case screws	"	.05
No. 871—Shaft without chain	per foot	.50
No. 883—Intermediate gear and pinion	each	2.00
No. 875—Handle nut	"	.05
No. 876—Eye spindle	"	.50
No. 877—Crank handle	"	.50
No. 879—Upper part of upright	"	.40
No. 880—Lower part of upright with coupling	"	.60
No. 888—Balls and ball cups	"	.75
No. 889—Small cog	"	.25
No. 890—Large cog	"	.50

PARTS FOR No. 8 ENCLOSED GEAR SHEARING MACHINES.



No. 24—Long tube	each	$1.50
No. 25—Long spindle	"	2.00
No. 26—Short tube	"	.50
No. 27—Short spindle	"	.75
No. 30—Universal joint yoke	"	.75
No. 31—Universal joint cog	"	.40
No. 860—Gear case	"	1.00
No. 861—Gear case cover	"	.75
No. 862—Leg bracket	"	.35
No. 863—Drive gear and spindle	"	1.50
No. 864—Cotter pin	"	.02
No. 865—Balance wheel and spindle	"	1.00
No. 867—Bracket studs and nuts	per set	.15
No. 868—Legs	each	.35
No. 870—Gear case screws	"	.05
No. 872—Intermediate gear and pinion	"	2.00
No. 875—Handle nut	"	.05
No. 877—Crank handle	"	.50
No. 879—Upper part of upright	"	.40
No. 880—Lower part of upright with coupling	"	.60

PARTS FOR No. 1 ENCLOSED TYPE CLIPPING MACHINES.

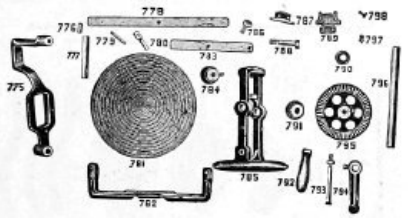


Not ball bearing, but as supplied before August 1, 1908.

No. 704—Gear cap	each	$0.50
No. 839—Gear head casting	"	1.50
No. 719—Small cog	"	.25
No. 720—Large cog	"	.50
No. 860—Gear case	"	1.00
No. 861—Gear case cover	"	.75
No. 862—Leg bracket	"	.35
No. 863—Drive gear and spindle	"	1.50
No. 864—Cotter pin	"	.02
No. 865—Balance wheel and spindle	"	1.00
No. 866—Chain	per foot	.30
No. 867—Bracket studs and nuts	per set	.15
No. 868—Legs	each	.35
No. 870—Gear case screws	"	.05
No. 871—Shaft without chain	per foot	.50
No. 872—Intermediate gear and pinion	each	2.00
No. 875—Handle nut	"	.05
No. 876—Eye spindle	"	.50
No. 877—Crank handle	"	.50
No. 879—Upper part of upright	"	.40
No. 880—Lower part of upright with coupling	"	.60

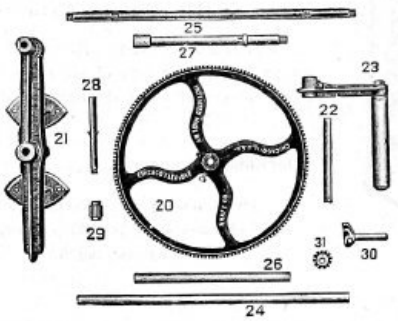
GRINDER AND SHEARING MACHINE PARTS.

NEW AUTOMATIC GRINDER PARTS.



No. 775—Sliding bar ejector	each	$0.50
No. 776—Revolving roll	"	.25
No. 777—Disc spindle	"	.50
No. 778—Sliding bar	"	.75
No. 779—Revolving roll pin	"	.10
No. 780—Ejector plug	"	.25
No. 781—Steel disc	"	2.50
No. 782—Sliding bar holder	"	.75
No. 783—Holder bar	"	.10
No. 784—Eccentric cam	"	.50
No. 785—Frame	"	2.00
No. 786—Thumb screw	"	.05
No. 787—Cutter holder	"	.25
No. 788—Ejector bolt	"	.25
No. 789—Comb holder	"	.25
No. 791—Pinion	"	.50
No. 792—Wood handle	"	.10
No. 793—Handle bolt and nut	"	.15
No. 794—Crank	"	.25
No. 795—Gear	"	1.00
No. 796—Axle	"	.50
No. 797—Bolt and nut for sliding bar	"	.10
No. 798—Center pin	"	.10

PARTS FOR NEW MODEL SHEARING MACHINES.



No. 20—Large gear	each	$2.50
No. 21—Frame	"	2.00
No. 22—Main spindle	"	1.00
No. 23—Crank	"	1.00
No. 24—Long tube	"	1.50
No. 25—Long spindle	"	2.00
No. 26—Short tube	"	.50
No. 27—Short spindle	"	.75
No. 28—Pinion shaft	"	.50
No. 29—Pinion	"	.50
No. 30—Universal joint yoke	"	.75
No. 31—Universal joint cog	"	.40

NOTICE—WHEN ORDERING COMB AND CUTTER HOLDERS FOR AUTOMATIC GRINDERS, BE SURE TO SPECIFY NUMBER OF GRINDER FOR WHICH THEY ARE INTENDED.

RAZORS.

HIBBARD, SPENCER, BARTLETT & CO'S, WARRANTED.

No. 1634—ANTISEPTIC, ½ in. blade, Hamburg hollow ground, flat rubber handle, double file tang, - - per dozen $20.00
No. 1635—ANTISEPTIC, ⅝ in. blade, Hamburg hollow ground, flat rubber handle, per dozen, - - - - - - 20.00

No. 1624—YANKEE, ½ in. blade, Hamburg hollow ground, oval rubber handle, per dozen, - - - - - - $24.00

No. 1604—ECLIPSE, ½ in. blade, Hamburg hollow ground, flat rubber handle, per dozen, - - - - - - $24.00

No. 1674—"OUR VERY BEST," ½ in. blade, Hamburg hollow ground, oval rubber handle, double file tang, per dozen $24.00
No. 1675—"OUR VERY BEST," ⅝ in. blade, Hamburg hollow ground, oval rubber handle, - - - - per dozen 24.00

No. 1845—BLUE STEEL, ⅝ in. blade, Hamburg hollow ground, flat rubber handle, double file tang, - - per dozen $24.00

No. 605—PAWNEE, ⅝ in. blade, hollow ground, etched in gold, rubber handle, per dozen, - - - - - - $18.00
HALF DOZEN IN A BOX.

No. 1645—ANTISEPTIC, ⅝ in. blade, Hamburg hollow ground, oval rubber handle with German silver tips, per dozen $24.00

No. 1654—OUR VERY BEST, ½ in. blade, Hamburg full hollow ground, oval rubber shaped handle, per dozen $30.00
No. 1655—OUR VERY BEST, ⅝ in. blade, Hamburg full hollow ground, oval rubber handle, - - - per dozen 30.00

No. 45—BLUE BEARD, ⅝ in. concaved, Hamburg hollow ground, flat rubber handle, - - - per dozen $18.50

No. 2095—ROUND BACK, ⅝ in. blade, light weight, improved round back, Hamburg full hollow ground, flat rubber handle, - - - - per dozen $32.00
No. 3005—ROUND BACK ⅝ in. blade, heavy weight, improved round back, Hamburg full hollow ground, flat rubber handle, - - - per dozen 33.00

No. 595—MOHAWK, ⅝ in. blade, hollow ground, etched in gold, oval rubber handle, - - - per dozen $18.00
HALF DOZEN IN A BOX.

No. 1614—TRIUMPH, ½ in. blade, Hamburg hollow ground, double file tang, flat rubber handle, - - per dozen $19.00

No. 1665—OUR VERY BEST, ⅝ in. blade, fine Hamburg full hollow ground, fancy back, double file tang, flat rubber handle, - - - per dozen $36.00

No. 1815S—⅝ in. blade, square point, Hamburg full hollow ground, improved pearl tang, white ivoride handle, per dozen $38.00
No. 1815R—⅝ in. blade, round point, otherwise same as 1815S, per dozen 38.00

No. 1825—⅝ in. blade, Hamburg full hollow ground, improved pearl tang, flat rubber handle, - - - per dozen $36.00

No. 1835—⅝ in. blade, Hamburg full hollow ground, improved ivory tang, fancy carved rubber handle, per dozen $39.00
HALF DOZEN IN A BOX.

RAZORS.

HIBBARD, SPENCER, BARTLETT & CO.'S, WARRANTED.

No. 525 ⊕VB—⅝ in. blade, Hamburg hollow ground, rubber handle. per dozen..... $30.00

Full Hollow Hamburg Ground, Etched in Gold, Rubber Handle.

No. 383 ⊕VB—⅜ in. blade, per dozen..		$29.00
No. 384 ⊕VB—½ in. blade	"	29.50
No. 385 ⊕VB—⅝ in. blade	"	33.00
No. 386 ⊕VB—¾ in. blade	"	34.00

No. 415 ⊕VB—⅝ in. blade, extra hollow Hamburg ground, etched, fancy ivoride handle.....per dozen $34.00

No. 425 ⊕VB—⅝ in. blade, full hollow Hamburg ground, etched, fancy ivoride handle.....per dozen $34.00

No. 535 ⊕VB—⅝ in. blade, full hollow Hamburg ground, etched in gold, ivory tang, ivoride handle...per dozen $48.00

No. 815—HIBBARD, ⅝ in. blade, full hollow Hamburg ground, rubber handle, per dozen..... $30.00

HALF DOZEN IN A BOX.

No. 794—"OUR MASCOTTE," ½ in. blade, full hollow Hamburg ground, rubber handle.....per dozen $30.00

No. 795—"OUR MASCOTTE," ⅝ in. blade, full hollow Hamburg ground, rubber handle.....per dozen 30.00

No. 796—"OUR MASCOTTE," ¾ in. blade, full hollow Hamburg ground, rubber handle.....per dozen 30.00

No. 805—HIBBARD, ⅝ in. blade, full hollow Hamburg ground, rubber handle.....per dozen $30.00

No. 555—SENATOR, ⅝ in. blade, extra hollow Hamburg ground, etched in gold, fancy rubber handle...per dozen $30.00

No. 444 —OUR DAISY, ½ in. blade, extra hollow Hamburg ground, etched in gold, rubber handle.....per dozen $31.00

No. 445R—OUR DAISY, ⅝ in. blade, round point, extra hollow Hamburg ground, etched in gold, rubber handle, per dozen..... 31.50

No. 445S—⅝ in. blade, square point, otherwise same as No. 445R, per dozen 31.50

No. 905—CLEAN SHAVER, ⅝ in. blade, hollow ground, oval rubber handle, per dozen..... $16.00

No. 455—GOLDEN ROD, ⅝ in. blade, full hollow ground, lettered in gold, ancy rubber handle.....per dozen $33.00

HALF DOZEN IN A BOX.

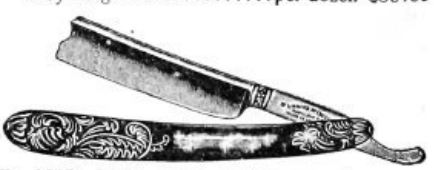
No. 555S—MAY FLOWER, ⅝ in. square point blade, extra hollow Hamburg ground, etched in gold, ivoride handle, with metal decoration.....per dozen $34.00

No. 555R—Round point blade, otherwise same as No. 555S.....per dozen 34.00

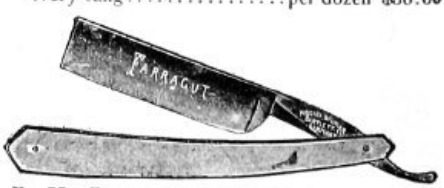
No. 915—⅝ in. blade, hollow ground, etched in gold, rubber handle, ivory tang.....per dozen $36.00

No. 615—GLADSTONE, ⅝ in. blade, full hollow Hamburg ground, etched in gold, rubber tang with carved rubber handle.....per dozen $36.00

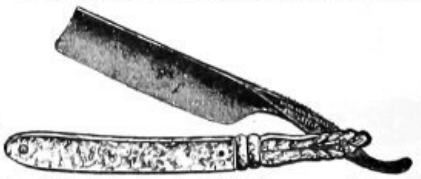
No. 1355—⅝ in. blade, hollow ground, fancy carved handle, hollow point, ivory tang.....per dozen $36.00



No. 1345—¾ in. blade, hollow ground, fancy carved handle, hollow point, ivory tang.....per dozen $36.00



No. 55—FARRAGUT, ⅝ in. blade, full Hamburg ground, etched in gold, ivory handle.....per dozen $42.00



No. 405—⅝ in. blade, full hollow ground, crocus polished, pearl handle per dozen $72.00

HALF DOZEN IN A BOX.

RAZORS.

HIBBARD, SPENCER, BARTLETT & CO.'S, WARRANTED.

REVONO—⅝ in. blade, hollow ground, oval rubber handle.....per dozen $16.00

No. 635—MATADOR, ⅝ in. blade, hollow ground, ribbed rubber handle, per dozen..... $32.00

No. 335—GRAVES, ⅝ in. blade, hollow ground, rubber handle.....per dozen $20.00

No. 505—SOLID COMFORT, ⅝ in. blade, extra hollow ground, etched in gold, rubber handle.....per dozen $20.00

No. 365.

No. 364—IMPROVED RATTLER, ½ in. blade, extra hollow ground, rubber handle.....per dozen $21.00

No. 365—IMPROVED RATTLER, ⅝ in. blade, extra hollow ground, rubber handle.....per dozen 22.00

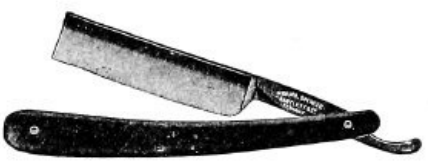
No. 366—IMPROVED RATTLER, ¾ in. blade, extra hollow ground, rubber handle.....per dozen 22.50

No. 475—CROWN JEWELL ⅝ in. blade, hollow ground, mottled rubber handle, per dozen..... $22.00

HALF DOZEN IN A BOX.

No. 1314—ADMIRAL, ⅛ in. blade, hollow ground, rubber handle.....per dozen $24.00

No. 1304—ROB ROY, ½ in. blade, hollow ground, rubber handle.....per dozen $24.00



No. 394—½ in. blade, barbers' extra hollow ground, rubber handle, per dozen..... $24.00

No. 395—⅝ in. blade, barbers' extra hollow ground, rubber handle, per dozen 24.00

No. 1145—BARBER'S A1, ⅝ in. blade, hollow ground, rubber handle, per dozen..... $24.00

No. 965—AMERICA, ⅝ in. blade, extra hollow ground, etched in gold, rubber handle.....per dozen $24.00

No. 1335—U. S. A., ⅝ in blade, hollow ground, mock shell handle, per dozen $24.00

HALF DOZEN IN A BOX.

No. 25—LUXURY, ⅝ in. blade, extra hollow ground, ivoride handle, per dozen..... $24.00

No. 585—MOHICAN, ⅝ in. blade, extra hollow ground, fancy ivoride handle, per dozen..... $24.00

No. 575—MOHICAN, ⅝ in. blade, extra hollow ground, fancy ivoride handle, per dozen..... $24.00

No. 1165—H. S. B. & Co., ⅝ in. blade, hollow ground, etched, ivoride handle, per dozen..... $24.00

No. 1155—H. S. B. & Co., ⅝ in. blade, hollow ground, etched in gold, metal bound fancy celluloid handle, per dozen..... $24.00

No. 1325—HINDOO, ⅝ in blade, hollow ground, fancy celluloid handle, per dozen..... $24.00

HALF DOZEN IN A BOX.

RAZORS.

WADE & BUTCHER'S.

No. 201.

No. 201—5/8 in. etched blade, hollow point, hollow ground, rubber handle, per dozen $16.50
No. 203—5/8 in. etched blade, slope point, hollow ground, rubber handle, per dozen 24.00
No. 213—3/4 in. etched blade, square point, hollow ground, rubber handle, per dozen 29.00

No 221.

No. 221—5/8 in. blade, extra hollow ground, etched in gold, rubber handle, per dozen $25.00
No. 222—3/4 in. blade, extra hollow ground, etched in gold, rubber handle, per dozen 25.00

No. 217—3/4 in. blade, hollow ground, mottled rubber handle.....per dozen $26.00

No. 214.

No. 210—1/2 in. etched blade, square point, hollow ground, rubber handle, per dozen $28.00
No. 211—5/8 in. etched blade, square point, hollow ground, rubber handle, per dozen 28.50
No. 214—3/4 in. etched blade, square point, diamond back, hollow ground, rubber handle.....per dozen 30.00

No. 219—1/2 in. blade, barber's full hollow ground, rubber handle..per dozen $32.00
No. 220—5/8 in. blade, barber's full hollow ground, rubber handle..per dozen 32.50

No. 204—3/4 in. etched blade, round point, crocus polished, hollow ground rubber handle. .....per dozen $32.00

HALF DOZEN IN A BOX.

GEO. WOSTENHOLM & SON'S IXL.

No. 126—1/2 in. blade, medium hollow ground, rubber handle.....per dozen $10.00

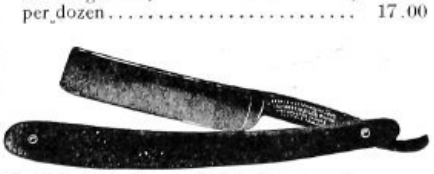
No. 101.

No. 109—3/8 in. plain blade, oval point, hollow ground, rubber handle, per dozen..... $14.50
No. 101—5/8 in. plain blade, hollow point, hollow ground, rubber handle, per dozen..... 14.50
No. 103—5/8 in. etched blade, hollow point, hollow ground, rubber handle, per dozen 16.50

No. 129—5/8 in. blade, hollow ground, etched in gold, rubber handle, per dozen..... $18.50

No. 121.

No. 110—5/8 in. etched blade, hollow ground, rubber handle.....per dozen $18.00
No. 121—3/4 in. etched blade, hollow ground, rubber handle.....per dozen 18.50
No. 120—1/2 in. etched blade, medium hollow ground, rubber handle, per dozen..... 18.00
No. 117—5/8 in. etched blade, medium hollow ground, rubber handle, per dozen..... 18.00
No. 118—5/8 in. etched blade, medium hollow ground, imitation shell handle, per dozen..... 17.00



No. 127—5/8 in. blade, full hollow ground, rubber handle. ....per dozen $18.00

No. 108.

No. 108—5/8 in. gold etched blade, crocus polished, hollow ground, rubber handle, per dozen $18.50
No. 124—5/8 in. gold etched blade, crocus polished, hollow ground, ivory celluloid handle.....per dozen 25.50

HALF DOZEN IN A BOX.

GEO. WOSTENHOLM & SON'S IXL.

No. 130—5/8 in. blade, extra hollow ground, etched in gold, rubber handle, per dozen $20.00

No. 112. Pipe Razor.

No. 112—5/8 in. blade, full hollow ground, crocus polished, rubber handle, per dozen..... $28.50
No. 125—1 1/16 in. blade, full hollow ground, crocus polished, rubber handle, per dozen..... 28.50
No. 111—5/8 in. blade, full hollow ground, etched, hollow point, file tang, rubber handle.....per dozen 24.00

No. 135—SUPERB, 5/8 in. blade, full hollow ground, crocus polished, oval rubber handle.....per dozen $36.00

No. 128—5/8 in. blade, full hollow ground, crocus polished, ivory handle, per dozen..... $48.00

HALF DOZEN IN A BOX.

SWEDISH.

No. 427 1/2—GENUINE ENGSTROM, 1/2 in. blade, extra hollow ground, per dozen $25.50
No. 427 5/8—GENUINE ENGSTROM, 5/8 in. blade, extra hollow ground, per dozen 25.50

HALF DOZEN IN A BOX.

RAZORS, BLANKS AND HANDLES.

ROXO RAZORS.

No. 40—½ in. blade, hollow ground, rubber handle.....per dozen $28.00
No. 50—⅝ in. blade, hollow ground, rubber handle.....per dozen 28.00
No. 60—¾ in. blade, hollow ground, rubber handle.....per dozen 28.00

No. 040—½ in. blade, hollow ground, rubber handle.....per dozen $28.00
No. 050—⅝ in. blade, hollow ground, rubber handle.....per dozen 28.00
No. 060—¾ in. blade, hollow ground, rubber handle.....per dozen 28.00

No. 0040—½ in. blade, hollow ground, rubber handle, hollow point, per dozen $28.00
No. 0050—⅝ in. blade, hollow ground, rubber handle, hollow point, per dozen 28.00
No. 0060—¾ in. blade, hollow ground, rubber handle, hollow point, per dozen 28.00

The Roxo is a first-class special barber's razor, is well and favorably known to the trade. We are sole U. S. and Canadian agents for the above goods. Special prices in gross lots.

HALF DOZEN IN A BOX.

WM. ELLIOT & CO.'S RAZORS.

No. 19—⅝ in. blade, hollow ground, made from very best quality English steel, fancy rubber handle..per dozen $18.00

NO. 21—½ in. blade, hollow ground, made from very best quality English steel, ivoride handle.....per dozen $18.00
No. 21—⅝ in., otherwise same as No. 21-½ in.....per dozen 18.00

No. 63—⅝ in. blade, hollow ground, rubber handle, inlaid with pearl and silver.....per dozen $20.00

HALF DOZEN IN A BOX.

MISCELLANEOUS RAZORS.

No. 506—BARBER'S CHOICE, ⅝ in. blade, extra hollow ground, oval rubber handle.....per dozen $11.00

No. 404—Blue steel, ⅝ in. blade, extra hollow ground, oval rubber handle, per dozen..... $12.00

No. 907—DAMASCUS, ⅝ in. magnetized blade, hollow ground, oval rubber handle.....per dozen $12.00

No. 538—"MAGNETIC," ⅝ in. magnetized blade, extra hollow ground, oval rubber handle.....per dozen $10.00

HALF DOZEN IN A BOX.

JOSEPH ALLEN & SONS' NON-XLL RAZORS.

No. 504—⅝ in. blade, medium hollow ground, rubber handle.....per dozen $8.00

RAZOR BLANKS.

Bengall—½ in. blade, rubber handle, per dozen..... $9.00
Bengall—⅝ in. blade, rubber handle, per dozen..... 9.00
Bengall—¾ in. blade, rubber handle, per dozen..... 9.00

HALF DOZEN IN A BOX.

RAZOR BLANKS.

Wade & Butcher—½ in. blade, rubber handle.....per dozen $9.00
Wade & Butcher—⅝ in. blade, rubber handle.....per dozen 9.00
Wade & Butcher—¾ in. blade, rubber handle.....per dozen 9.00

Johnson's—½ in. blade, assorted mock and rubber handles.....per dozen $9.00
Johnson's—⅝ in. blade, assorted mock and rubber handles.....per dozen 9.00
Johnson's—¾ in. blade, assorted mock and rubber handles.....per dozen 9.00

HALF DOZEN IN A BOX.

RAZOR HANDLES.

No. 12—½, ⅝, ¾ and ⅞ in., oval rubber, German silver rivets and washers, per dozen..... $2.00

No. 012—½, ⅝ and ¾ in., flat rubber, German silver rivets and washers, per dozen..... $2.00

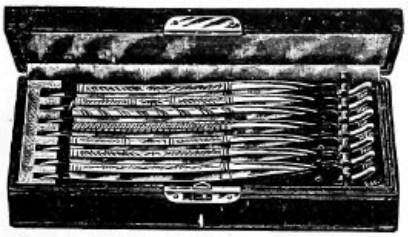
No. 200—½, ⅝ and ¾ in., white bone, per dozen..... $2.20

No. 200—½, ⅝ and ¾ in., special cellu- German sil[illegible] tips, per dozen $4.00

[illegible] DOZEN [illegible] PACKAGE.

RAZOR SETS, CASES AND STROPPERS.

RAZOR SETS.

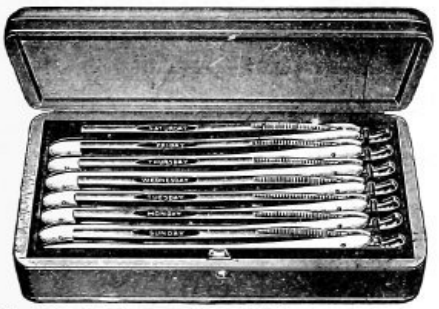


Branded Hibbard, Spencer, Bartlett & Co.

No. 7—7 DAY RAZOR SET, ⅝ in. blades, square points, full hollow Hamburg ground, fancy engraved backs, enamel inlaid, flat rubber handles, in silk plush lined leather case.....per case $24.00

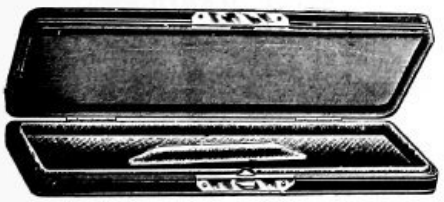
This weekly razor set is the finest quality made.

ONE SET IN A BOX.



No. 250—7 day razor set, full hollow ground, white handle razors, ⅝ in. blades, in leather case.....per case $24.00

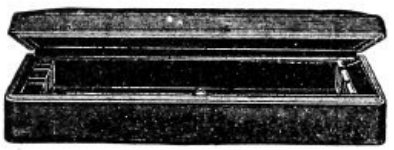
RAZOR CASES.



No. 1058—Leather case, silk plush lined, for 2 razors, nickel plated snap lock, size 7×2½×¾ in.....each $1.50

ONE IN A BOX.

RAZOR CASES.



No. 2.

Leather Case, Purple Silk Plush Lined, Spring Back, Nickel Plated Snap Lock.

No. 1—For 1 razor, size 7×1½×1½ in., each..... $1.20

No. 2—For 2 razors, size 7×1½×1½ in., each..... 1.50

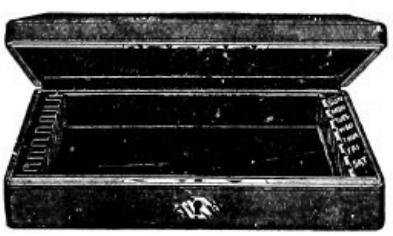
No. 3—For 3 razors, size 7×2×1½ in., each..... 1.65

No. 4—For 4 razors, size 7×2½×1¾ in., each..... 2.00

No. 5—For 5 razors, size 7×2⅞×1¾ in., each..... 2.10

No. 6—For 6 razors, size 7×3¼×1¾ in., each..... 2.50

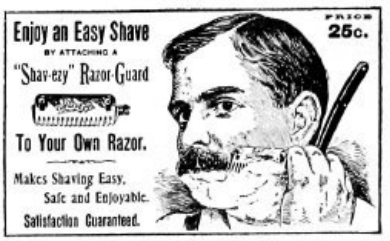
ONE IN A BOX.



No. 07—Leather case, purple silk plush lined, spring back, for 7 razors, nickel plated lock and key, size 7×3¾×1½ in. each..... $3.00

ONE IN A BOX.

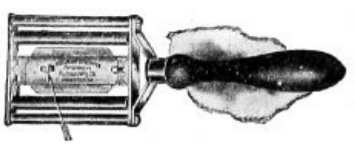
SAFETY RAZOR GUARDS.



No. 5—SHAV-EZY, brass, nickel plated, can be adjusted to fit any razor..per dozen $3.00

ONE DOZEN IN AN EASEL DISPLAY CARTON.

SAFETY RAZOR STROPPERS.

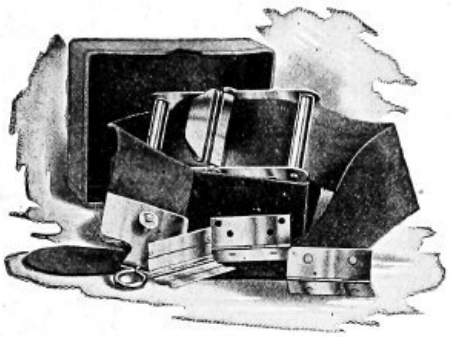


Pullman Automatic, self-adjusting, nickel plated metal frame, black rubberoid handle,.....per dozen $12.00

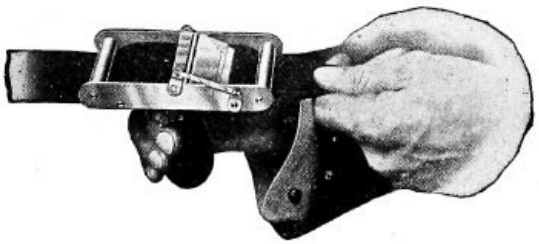
The rollers on each side insure perfect stropping and a keen edge, even in the hands of a beginner. Cannot be used the wrong way. Both edges of blade may be sharpened complete without removing blade from stropper.

Positively will not cut the strop. The same bevel or angle is obtained regardless of the pressure on the strop.

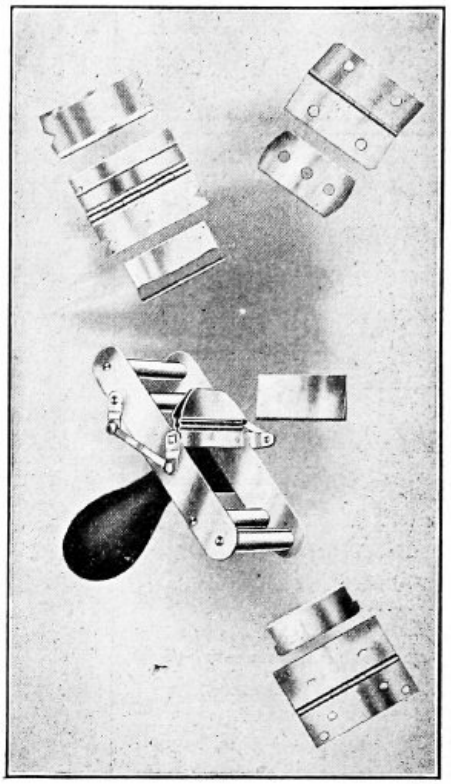
RUNDEL AUTOMATIC STROPPERS.



Showing Box and Stropper.



The Stropper in Use.



Showing Holders to fit any Safety Razor Blade.

For All Kinds of Safety Razor Blades.

Description—Will put a smooth, keen edge on any safety razor blade in five seconds. Besides, all this is accomplished automatically. All that is necessary to do is to move the stropper up and down the strop. The proper position or angle of the blade on the strop has been scientifically determined, and is always controlled perfectly by the simple mechanism within the stropper itself. When motion of stropper is reversed, blade instantly turns over—simply can't do otherwise. All possibility of blade running off or cutting the strop is eliminated.

Principle—As shown in above illustration, the principle of the Rundel Automatic Safety Razor Stropper is extremely simple. It consists of a frame with a pair of rollers at either end and an oscillating blade holder in the middle, joined with one inside roller by small cranks and connecting rods. The slightest movement of the roller is instantly and positively communicated to the movable blade holder. When the motion of the stropper is reversed, the blade, therefore, instantly swings over to present the other side to the strop. The friction on the inside roller presses the blade against the strop with a strong, even tension, which can be regulated at will by the pull of the hand which holds the end of the strop.

Blade Holders—Illustration also shows the three blade holders, with a few of the leading styles of blades they accommodate. These blade holders are adapted to any safety razor blade. If any particular style of blade is not shown, use the blade holder which is shown with a similar style to the one you have. Note that the heavy back, single edge style blade requires no holder but slips directly into the stropper.

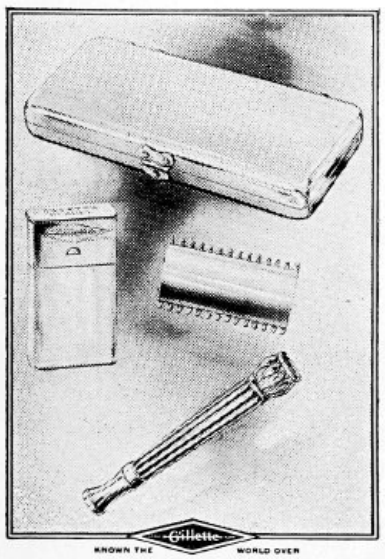
Complete Outfit—Consists of a Rundel Automatic safety razor stropper, strongly built of brass and steel, nicely nickel plated, and with a rubberoid finish handle; three blade holders; one of which is adapted to any style safety razor blade and a 24-inch, finest quality horsehide strop, regularly sold at retail for $1.00. All is enclosed in a handsome case.

Rundel Automatic—Nickel plated steel frame, fine horsehide razor strop, ebonized wood handle, 3 blade holders for any style safety razor blades, weight 1 lb.....per dozen $36.00

ONE IN A LEATHERETTE COVERED BOX.

POCKET EDITION GILLETTE SAFETY RAZORS.

The "Pocket Edition" Gillette Safety Razors are without doubt the most beautiful line of razor sets that have ever been placed before the public. The cases and razors are plated and are made in triple silver plate, 14 karat gold and gun metal finish and are 4×2×⅝ in. in size.

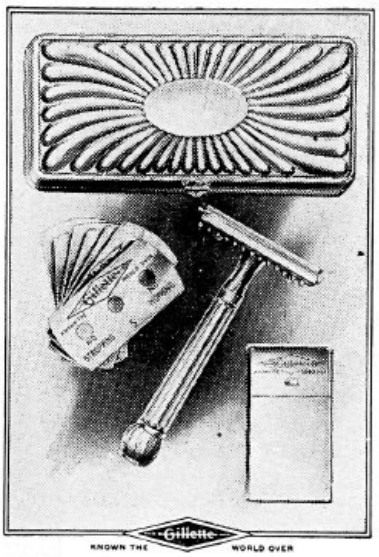


Plain Pattern.

No. 500—Triple silver plated case and razor.....per dozen sets $60.00

No. 500A—Gun metal case and gold plated razor.....per dozen sets 66.00

No. 500B—Gold plated case and razor, per dozen sets..... 72.00

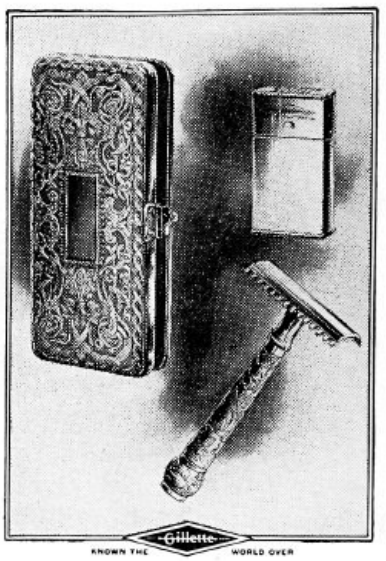


Shell Pattern.

No. 502—Triple silver plated case and razor.....per dozen sets $60.00

No. 502A—Gun metal case and gold plated razor.....per dozen sets 66.00

No. 502B—Gold plated case and razor, per dozen sets..... 72.00

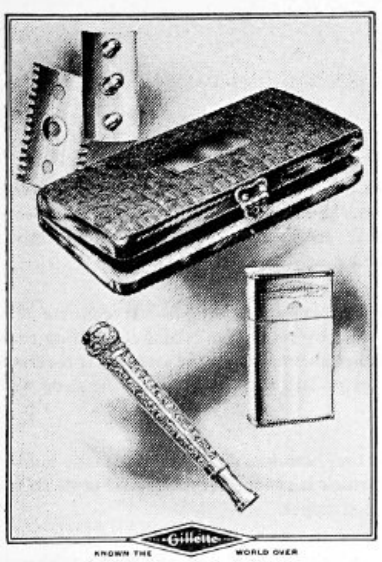


Empire Pattern.

No. 504—Triple silver plated case and razor.....per dozen sets $72.00

No. 504A—Gun metal case and gold plated razor.....per dozen sets 78.00

No. 504B—Gold plated case and razor, per dozen sets..... 90.00

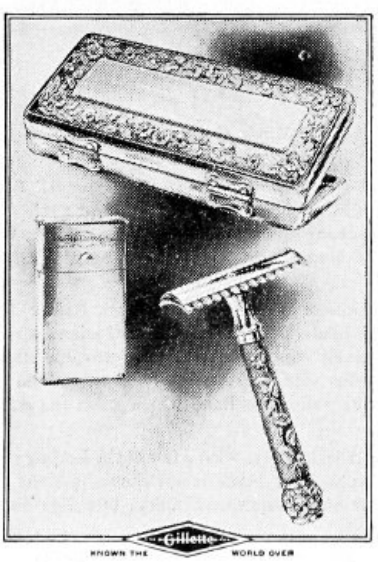


Basket Pattern.

No. 501—Triple silver plated case and razor.....per dozen sets $60.00

No. 501A—Gun metal case and gold plated razor.....per dozen sets 66.00

No. 501B—Gold plated case and razor, per dozen sets..... 72.00



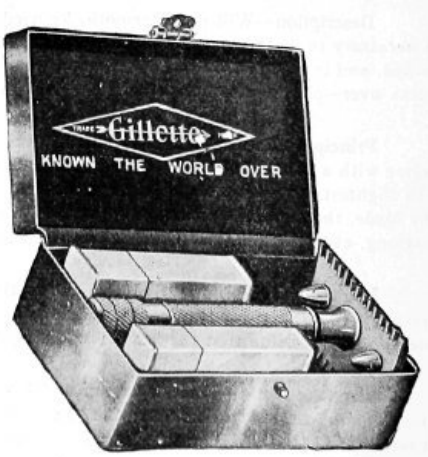
Floral Pattern.

No. 503—Triple silver plated case and razor.....per dozen sets $66.00

No. 503A—Gun metal case and gold plated razor.....per dozen sets 72.00

No. 503B—Gold plated case and razor, per dozen sets..... 78.00

STANDARD RAZOR SET.

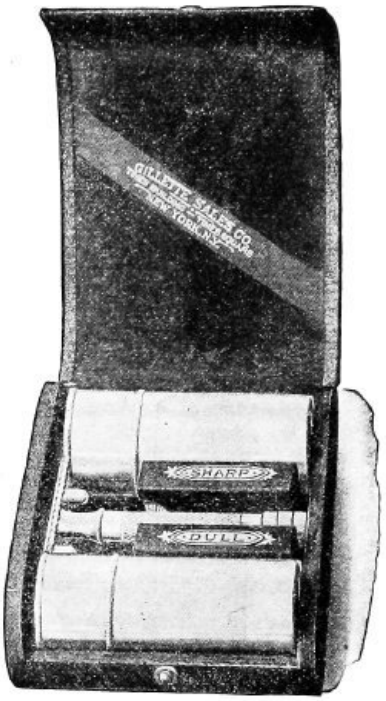


No. 460B—Triple silver plated handle, 12 blades, nickel plated metal case, violet plush lined.....per dozen sets $60.00

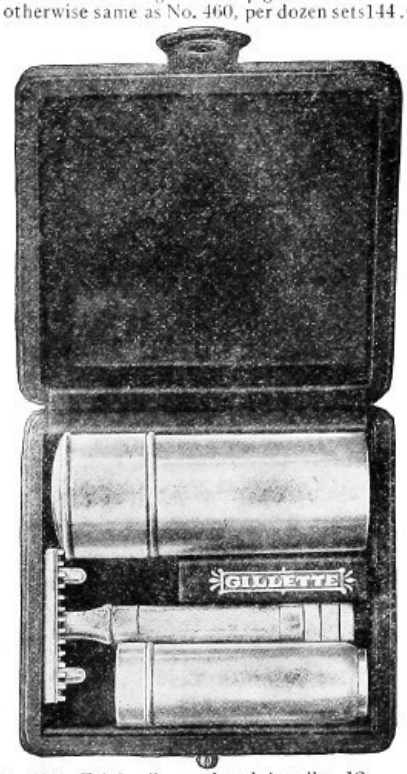
GILLETTE SAFETY RAZORS.

The Gillette has twelve keen double-edged blades as thin as paper, tempered and glass-hardened by a process so that it takes diamond dust to grind them. Each blade gives ten to thirty perfect shaves. Cannot fail to give a smooth, delightful shave. A Gillette lasts for years. When you have used each of the edges until dull, new blades can be had at nominal cost.

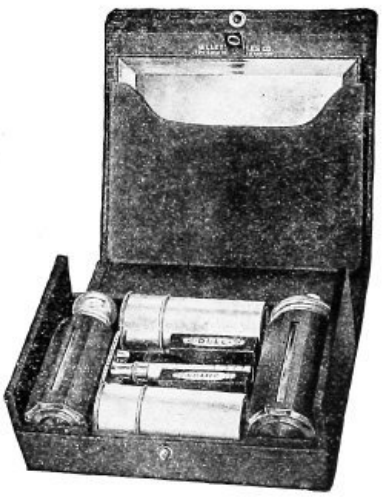
No. 460 —Standard razor set, triple silver plated handle, 12 blades, cowhide Morocco grain case.....per dozen sets $60.00
No. 466B—Quadruple gold plated, genuine seal leather case, otherwise same as No. 460.....per dozen sets 90.00
No. 468B—Quadruple gold plated, pigskin case, otherwise same as No. 460, per dozen sets..... 90.00
No. 466A—Sterling silver, genuine sealskin case, otherwise same as No. 460, per dozen sets.....144.00
No. 468A—Sterling silver, pigskin case, otherwise same as No. 460, per dozen sets144.00



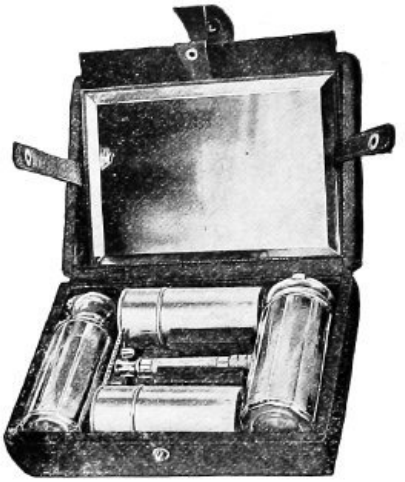
No. 00—Standard combination set, triple silver plated handle, 12 blades, good quality badger hair lather brush and stick shaving soap in triple silver plated holders, goatskin seal grain case, per dozen sets.....$90.00



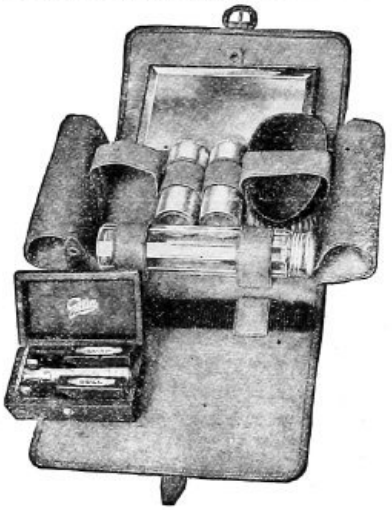
No. 461—Triple silver plated handle, 12 blades, good quality badger hair telescope lather brush, stick of shaving soap in triple silver plated holder, cowhide Morocco grain case. .per dozen sets $78.00



No. 412—Triple silver plated handle, 12 blades, fine quality badger hair lather brush and stick of shaving soap in triple silver plated holders, leather covered talcum powder and perfume bottles triple silver plated mounted, goatskin walrus grain case with mirror, per dozen sets.....$144.00

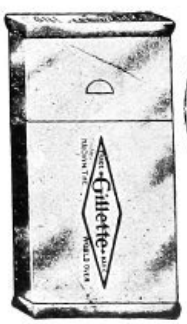


No. 449—Triple silver plated handle, 12 blades, fine quality badger hair lather brush and stick shaving soap in triple silver plated holders, triple silver plated mounted cut glass talcum powder and perfume bottles, English pigskin case with mirror.....per dozen sets $162.00
No. 447—Genuine sealskin case, otherwise same as No. 449...per dozen sets 162.00



No. 413—Triple silver plated handle, 12 blades, fine quality badger hair lather brush and stick of shaving soap in triple silver plated holders, triple silver plated mounted tooth brush holder, ebony military brush, comb, goatskin seal grain roll with mirror, per dozen sets $162.00

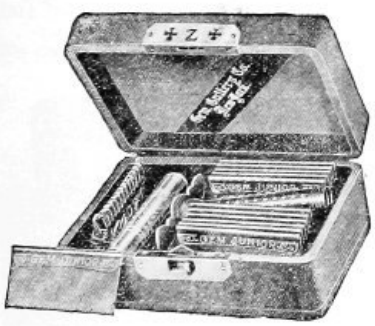
EXTRA BLADES.



No. 1909—New process, put up 12 blades in a nickel plated metal pocket, per dozen packages..... $12.00

SAFETY RAZORS.

Gem Junior—With new patent bar, nickel plated handle, black leatherette case, complete with 7 latest improved blades and nickel plated blade holder for stropping blades..per dozen sets $12.00

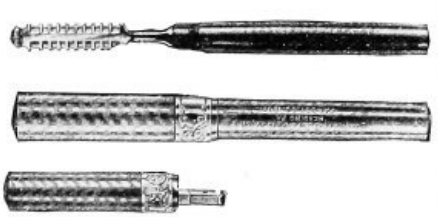


No. 12—GEM JUNIOR SPECIAL, with new patent bar, nickel plated, black leatherette case, plush lined, complete with 12 latest improved blades and nickel plated blade holder for stropping blades.....per dozen sets $18.00

No. 15—GEM JUNIOR ELITE, 5×2×1¼ in., triple silver plated new bar frame, white celluloid ivory handle, genuine morocco leather-covered case, plush and silk lined, complete with 12 blades, per dozen sets..... $30.00

No. 20—GEM JUNIOR, Travelers' Outfit, 5×3¼×1½ in., triple silver plated bar frame, white celluloid ivory handle, morocco leather case, plush and silk lined, complete with brush and soap in nickel plated holders, 12 blades, per dozen sets..... $42.00

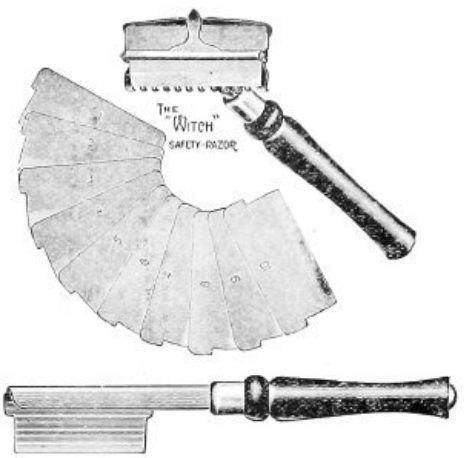
Extra Blades—For Gem Safety Razors, 7 blades in a set.....per dozen sets $6.00



No. 26—ARNOLD FOUNTAIN, case of best vulcanized rubber, handsomely chased, artistically mounted with embossed gold plated band, German silver blade clasp, finest steel blades, complete with 12 blades. .....per dozen $60.00
Extra Blades—In packages of 12, per dozen packages..... 9.00

This is a compact handy safety razor. Can be easily and conveniently carried in the pocket, occupying no more space than the ordinary fountain pen, and is a first-class shaver. The blades are a thin wafer steel, similar to the Gillette.

No. 512—GOLD MEDAL, ⅝ in. blade, extra hollow Hamburg ground, rubber handle.....per dozen $30.00
Guard can be changed in an instant, making razor left or right hand.



No. 5—WITCH, nickel plated holder, 10 blades (ready for use) and a nickel plated blade holder to use in stropping, packed in purple lined leatherette case.....per dozen $12.00
Extra Blades—In packages of 10, per dozen packages..... 6.00

This razor is most simple in construction, having only two parts, and anyone can instantly understand it. It is impossible to impair the edge of the blades by removing or inserting them, as is the case with other razors. The blades are tempered by a secret process. They are made from the best English razor steel and are tested three times before they are finished. In addition they are honed and stropped by hand.

SAFETY RAZOR STROPPERS.

No. 6—"One-piece," nickel plated steel, for all safety razor blades....per dozen $3.00
This stropper grips the blades firmly and holds them at the correct angle for stropping. Stropped blades have a keener edge and will prove more satisfactory than the unstropped.

SOLID BACK CEMENT SET "ALL BRISTLE" BRUSHES.

HAIR.

No. 772—Small size, 9×2 in., oval shaped, walnut finished solid back, 9 rows selected gray bristles, - per dozen $4.00

ONE DOZEN IN A BOX.

No. 726—Medium size, 9×2⅝ in., oval shaped, assorted 3 each, rosewood, ebony and green finished solid backs, 9 rows selected white bristles, - - - per dozen $4.00

No. 774—Medium size, 9×2⅝ in. oval shaped, assorted 3 each, rosewood, ebony and green finished solid backs, 9 rows selected black bristles, - - - per dozen 4.00

ONE DOZEN IN A BOX.

No. 758—Medium size, 9¼×2⅝ in., oval shaped concaved, rosewood finished solid back, 11 rows selected black bristles, - - - - - - - per dozen $5.00

No. 23—Medium size, 9¼×2⅝ in., oval shaped, concaved, walnut finished solid back, 11 rows extra selected gray bristles, - - - - - - - per dozen 8.00

HALF DOZEN IN A BOX.

No. 811—Medium size, 9¼×2⅝ in., oval shaped, rosewood finished solid back, 11 rows selected white bristles, per dozen, - - - - - - - - - - $5.00

No. 712—Medium size, 9⅜×2¼ in., oval shaped, rosewood finished solid back, 11 rows selected gray bristles, per dozen, - - - - - - - - - - 6.00

HALF DOZEN IN A BOX.

No. 718—Medium size, 8¾×2½ in., oblong shaped, ebonized solid back, 9 rows extra selected white bristles, per dozen, - - - - - - - - - - $8.00

HALF DOZEN IN A BOX.

No. 740—Large size, 9½×2⅞ in., oblong shaped, extra rosewood finished solid back, 13 rows selected white bristles, - - - - - - - per dozen $8.00

No. 732—Large size, 9½×2⅞ in., oblong shaped, ebonized solid back, 13 rows extra selected fine white bristles, per dozen, - - - - - - - - - - 12.00

HALF DOZEN IN A BOX.

No. 54—Large size, 9⅛×3 in., oval shaped, extra rosewood finished solid back, 13 rows extra selected fine gray bristles, - - - - - - per dozen $10.00

HALF DOZEN IN A BOX.

HAIR.

No. 705—Large size, 9¼×3 in., oval shaped, concaved, extra rosewood finished solid back, 13 rows extra selected fine white bristles, - - - - per dozen $12.00

HALF DOZEN IN A BOX.

CLOTH.

No. 258—Medium size, 6¾×2 in., rosewood finished solid back, 9 rows selected black bristles, - per dozen $4.00

No. 241—Medium size, 7×2⅛ in., ebonized solid back, 8 rows selected black bristles, - - - - per dozen $4.00

No. 228—Medium size, 7⅜×2⅜ in., rosewood finished solid back, 10 rows selected black bristles, - per dozen 5.00

No. 253—Medium size, 7¼×2⅝ in., oak finished solid back, 8 rows extra selected white bristles, per dozen 6.00

No. 209—Large size, 8¼×2⅝ in., ebonized solid back, 11 rows extra selected black bristles, - - per dozen $8.00

No. 261—Large size, 8¼×2⅝, extra rosewood finished solid back, 11 rows extra selected fine white bristles, per dozen, - - - - - - - - - 8.00

HALF DOZEN IN A BOX.

HAT.

No. 303—Medium size, 6×1¼ in., ebonized solid back, 5 rows selected white bristles, - - - per dozen $6.00

HALF DOZEN IN A BOX.

MILITARY.

No. 133—Medium size, 4½×2⅝ in., ebonized solid back, 9 rows selected white bristles, - per dozen pairs $8.00

No. 132—Medium size, 4⅞×2⅜ in., ebonized solid back, 11 rows extra selected white bristles, per dozen pairs $12.00

No. 104—Large size, 5×2¾ in., ebonized solid back, 11 rows extra selected white bristles, - per dozen pairs 16.00

No. 112—Large size, 5×2⅜ in., ebonized solid back, 11 rows extra selected stiff white bristles, per dozen pairs 20.00

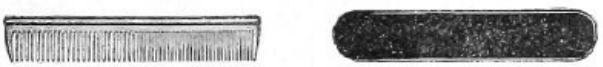
HALF DOZEN IN A BOX.

GENUINE GRAY HORN COMBS.

Extra Quality.

No. XPC—3¾×⅞ in., pocket, in leather case, per dozen $0.90
No. 105PC—4⅞×⅞ in., pocket, in leather case, " 1.50

ONE DOZEN IN A BOX.



No. 150PC—5×¾ in., pocket, nickel plated back, in leather case, - - - - - - - - per dozen $1.80
No. 450PC—5×⅞ in., pocket, nickel plated back, in leather case, - - - - - - - - per dozen 1.80

ONE DOZEN IN A BOX.

Extra Quality.

No. 18—6⅞ in., barbers' neck, - - - per dozen $3.00

ONE DOZEN IN A BOX.

No. 4A—7½×1 in., barbers' hair cutting, medium, per dozen $2.70

ONE DOZEN IN A BOX.

Extra Quality.

No. X7½—6¾×⅞ in., barbers' hair dressing, - per dozen $1.90

ONE DOZEN IN A BOX.

No. 1A—6¾×⅞ in., barbers' dressing, - per dozen $2.50
No. 2A—7¼×⅞ in., barbers' dressing, - " 2.60

ONE DOZEN IN A BOX.

No. E7C—7×1 in., hotel, nickel plated back, with 36 in. chain and screw eye, - - - - per dozen $3.50
No. E7 —Hotel, without chain, otherwise same as No. E7C, per dozen, - - - - - - - - 2.00

ONE DOZEN IN A BOX.

No. 06—5¾×1 in., gentlemen's dressing, nickel plated back and ends, - - - - - - - per dozen $1.70
No. 07—6¾×1 in., gentlemen's dressing, onickel plate back and ends, - - - - - - - per dozen 1.90
No. 97—6⅜×1⅜ in., ladies' dressing, nickel plated back and ends, - - - - - - - per dozen 2.10
No. 99—7½×1¼ in., ladies' dressing, nickel plated back and ends, - - - - - - - per dozen 2.90

ONE DOZEN IN A BOX.

No. A6 —6×1⅜ in., gentlemen's dressing, nickel plated back, - - - - - - - per dozen $1.60
No. A7½—7½×1 in., gentlemen's dressing, nickel plated back, - - - - - - - per dozen 2.40
No. C7 —7×1⅜ in., ladies' dressing, nickel plated back, per dozen, - - - - - - - - - 2.50

ONE DOZEN IN A BOX.

No. 00—8×1½ in., ladies' dressing, extra heavy nickel plated back and ends, - - - - - per dozen $3.70

SIX DOZEN IN A BOX.

Extra Quality.

No. A70—7×1⅜ in., gentlemen's dressing, nickel plated back, - - - - - - - per dozen $2.50
No. B75—7½×1½ in., ladies' dressing, nickel plated back, per dozen, - - - - - - - - - 4.00

ONE DOZEN IN A BOX.

Extra Quality.

No. 1-0—2¾×1⅞ in., fine, needle point, ivory finish, per dozen $1.70
No. 3-0—3¼×1⅞ in., fine, needle point, ivory finish, " 2.50
No. 10—2½×1⅞ in., fine, blonde, polished, - " 1.00
No. 13—3⅛×1⅞ in., fine, blonde, polished, - " 1.70

ONE DOZEN IN A BOX.

ALUMINUM COMBS.

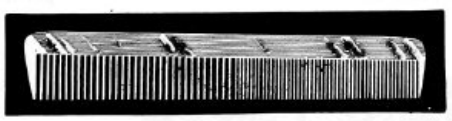
No. 21X—3¾ in., mustache, in leather case, - per dozen $0.75
SIX DOZEN IN A BOX.

No. 22X—4⅛ in., pocket, in leather case, - per dozen $0.80
SIX DOZEN IN A BOX.

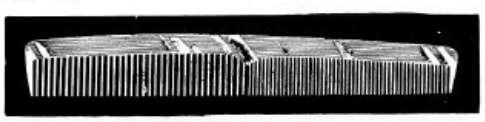
No. 33X—4⅞ in., pocket, in leather case, - per dozen $0.90
SIX DOZEN IN A BOX.

No. 535X—5⅜ in., pocket, engraved, in leather case, per dozen, - - - - - - - - - $1.70
ONE DOZEN IN A BOX.

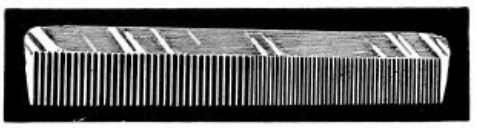
No. 42X—7 in., barbers', - - - - per dozen $1.35
ONE DOZEN IN A BOX.



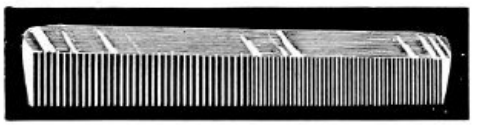
No. 52X—6¾ in., gentlemen's dressing, - per dozen $1.80
ONE DOZEN IN A BOX.



No. 012X—7¼ in., gentlemen's dressing, - per dozen $3.75
ONE DOZEN IN A BOX.

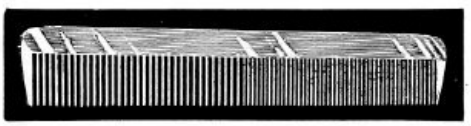


No. 61X—6⅞ in., ladies' dressing, - - per dozen $1.90
ONE DOZEN IN A BOX.

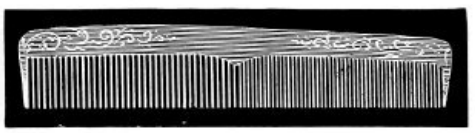


No. 71X—7⅛ in., ladies' dressing, - - per dozen $2.40
ONE DOZEN IN A BOX.

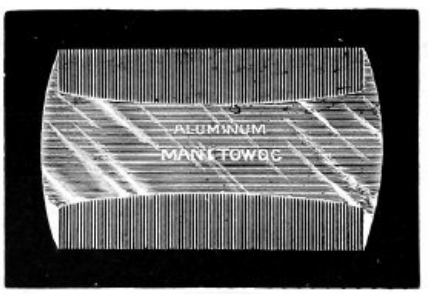
No. 223X—7½ in., ladies' dressing, - - per dozen $2.70
ONE DOZEN IN A BOX.



No. 944X—7¼ in., ladies' dressing, - - per dozen $3.30
ONE DOZEN IN A BOX.



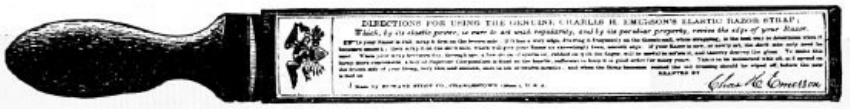
No. 604X—7⅜ in., ladies' dressing, engraved, - per dozen $4.50
ONE DOZEN IN A BOX.



No. 814X—3 in., fine, - - - - per dozen $3.25
ONE DOZEN IN A BOX.

Assortment E, consisting of two each of the following: Nos. 61X, 604X and 944X, ladies' dressing; Nos. 52X and 012X, gentlemen's dressing, and No. 42X, barbers', - - - - - - - - - - - - - - - per assortment $1.25

RAZOR STROPS.



No. 5—13½×1½ in., Emerson pattern, elastic, half round, varnished wood handle, - - - - - - - - per dozen $2.50
No. 4—13½×1½ in., genuine EMERSON'S, elastic, half round, varnished wood handle, - - - - - - - " 4.00
HALF DOZEN IN A BOX.

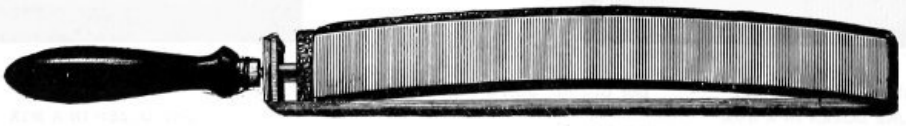
No. 06—12×1¼ in., common square, 4 sides, black enameled handle, - - - - - - - - - - per dozen $2.50
HALF DOZEN IN A BOX.

No. 2—13×1¼ in., combination, 4 sides, double rods, black enameled handle, - - - - - - - - per dozen $7.00
HALF DOZEN IN A BOX.

No. 10—13½×1½ in., German belt, 2 sides, double rods, black enameled handle, - - - - - - - - per dozen $7.00
HALF DOZEN IN A BOX.

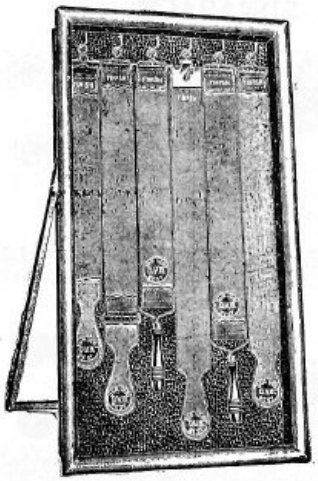
No. 1—13½×1¾ in., combination, 4 sides, double rods, imitation bone handle, with paste box, - - - - - per dozen $8.00
HALF DOZEN IN A BOX.

No. 8—13¾×1½ in., square, cushion, 4 sides, black enameled handle, - - - - - - - - - per dozen $8.00
HALF DOZEN IN A BOX.



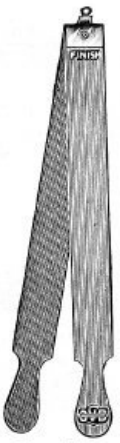
No. 9—14¼×1⅝ in., convex, combination, 4 sides, double rods, black enameled handle, leather case, - - - - per dozen $10.00
HALF DOZEN IN A BOX.

"OUR VERY BEST" RAZOR STROPS.



No. 704.

No. 708.



No. 710.

No. 711.

No. 712.

No. 715.

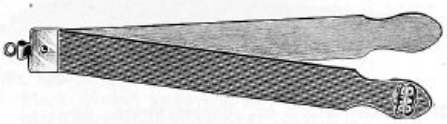
CONTENTS.

2 only No. 704, 23½×2 in., swing, horse hide, red side for finishing, black side for sharpening, leather trimmings, stitched double leather jointed handle, nickel plated loop swivel, - each	$0.50	$1.00
2 only No. 708, 23½×2 in., swing, horse hide, red side for finishing, black side for sharpening, leather trimmings, nickel plated loop swivel, "	1.00	2.00
2 only No. 710, 25×2¼ in., double swing, horse hide, black sharpening strop, red finishing strop, with nickel plated leather protector and loop swivel, - each	1.50	3.00
2 only No. 711, 22×2 in., double swing, horse hide, black sharpening strop, red finishing strop, leather trimmings, nickel plated loop swivel, enameled wood handle, - each	.75	1.50
2 only No. 712, 24½×2¼ in., double swing, horse hide, black sharpening strop, red finishing strop, leather trimmings, nickel plated loop swivel, enameled wood handle, - each	1.25	2.50
2 only No. 715, 20½×2 in., swing, horse hide, black side for sharpening, red side for finishing, leather trimmings, stitched double leather handle, nickel plated double loop swivel, - each	.25	.50
		$10.50

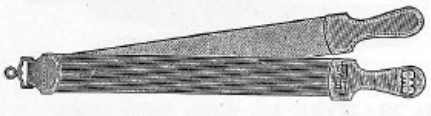
No. 3100—Assortment consisting of one dozen "OUR VERY BEST" razor strops, as described above, in a handsome glass front carved oak easel display case. 28½×15½ in.. - per assortment $10.50

ONE ASSORTMENT IN A CASE.

No. 0400—25×2 in., reversible double swing, porpoise hide leather, one side filled with composition, the other side smooth for finishing, filled tubular cotton web with double handle, tinned loop and swivel to both leather and web, with swivel connection, - - per dozen $6.00



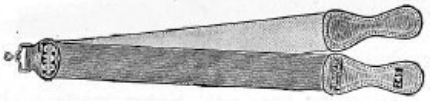
No. 105—20×2 in., "OUR VERY BEST," double swing, extra heavy sharpening strop, dark maroon, finish strop black, nickel plated swivel strop holder, per dozen, - - - - - - $8.00



No. 2421C—22¾×2 in., double swing, black filled linen hose sharpening strop, smooth black horse hide finishing strop, stitched double leather mouse colored handles, nickel plated loop swivel, per dozen $8.00

HALF DOZEN IN A BOX.

No. 225C—20¾×2 in., double swing, russet horse hide sharpening strop, black leather finishing strop, stitched double stamped leather handles, nickel plated loop swivel, - - - per dozen $8.00



No. 245C—24×2¼ in., double swing, white web sharpening strop, ox-blood horse hide finishing strop, stitched double russet leather handles, nickel plated loop swivel, - - - per dozen $10.00

No. 533C—24½×2¼ in., single swing, shell horse hide, tan sharpening side, highly polished finishing side, stitched double leather loop and handle, per dozen $11.50

HALF DOZEN IN A BOX.

No. 433C—24½×2¼ in., single swing, shell horse hide, black sharpening side, highly polished finishing side, stitched double leather loop and handle, per dozen, - - - - - - - $11.50

No. 633C—24½×2¼ in., single swing, shell horse hide, red sharpening side, highly polished finishing side, stitched double leather loop and handle, per dozen, - - - - - - - $11.50

No. 2443C—25¾×2¼ in., double swing, black filled linen hose sharpening strop, smooth black horse hide finishing strop, stitched double leather mouse colored handles, nickel plated loop swivel, per dozen, - - - - - - - $12.00

No. 242C—20¾×2 in., cavalry, double swing, russet horse hide sharpening strop, fine black finishing strop, heavy nickel plated English handle and loop swivel, - - - - per dozen $12.00

HALF DOZEN IN A BOX.

RAZOR STROPS.

No. 404S—20×2¼ in., U. S. CAVALRY, double swing, heavy black horse hide sharpening strop, fine russet calfskin finishing strop, heavy nickel plated handle and loop swivel, per dozen $12.00

No. 2441C—25¼×2½ in., double swing, black filled linen hose sharpening strop, smooth black horse hide finishing strop, stitched double leather mouse colored handles, nickel plated loop swivel, per dozen, - - - - - - $13.50

No. 250C—23½×2 in., double swing, russet horse hide sharpening strop, black finishing strop, stitched double leather handles, nickel plated swiveled holder, - - - - per dozen $14.00

No. 260C—25½×2¼ in., double swing, heavy russet horse hide sharpening strop, fine black finishing strop, stuffed leather handle, stitched and fancy trimmed, nickel plated double loop swivel, - - - per dozen $18.00

No. 32S—24×2¼ in., double swing, heavy white Scotch linen sharpening strop, russet heavy shell horse hide finishing strop, fine double stitched leather handles and loop, nickel plated loop swivel, per dozen, - - - - - - $24.00

HALF DOZEN IN A BOX.

MISCELLANEOUS.

No. 050—20½×2 in., OLD SPORT, double swing, black leather, and tubular cotton web, with double loop swivel, stuffed leather handle, - - per dozen $2.50

No. 0—22×2 in., swing, single strop, oil dressed, horse tail leather, per dozen $3.50

ONE DOZEN IN A BOX.

MISCELLANEOUS.

No. 15—23×2 in., genuine cordovan, red horse hide, filled tubular cotton web, hinged stitched double leather handle, nickel plated loop swivel, per dozen $4.00

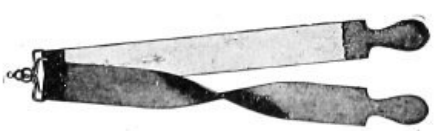
No. 3—24×2 in., double swing, porpoise hide leather and tubular cotton hose, with swivel, - - - per dozen $6.00

No. 04—23½×2in., double swing, oil dressed horse tail leather and tubular cotton hose, leather handle stitched to web, nickel plated swivel strop holder, per dozen, - - - - - - - 6.50

No. 093M—26×2¼ in., double swing, black horse hide and flat linen web, double loop swivel, handle stitched to web, per dozen, - - - - - - - $8.00

No. 094M—26×2¼ in., double swing, dark maroon horse hide, flat linen web, with double loop swivel, leather handle stitched to web, - - per dozen 8.00

No. 073M—25×2¼ in., double swing, black horse hide, nickel plated swiveled strop holder, flat linen web, leather handle stitched to web, - - per dozen $8.50



No. 400—24×2¼ in., HIBBARD, reversible, double swing, fine porpoise hide leather, one side filled with composition, the other side smooth for finishing, extra quality filled web, with double leather handle, tinned loop and swivel to both leather and web, with ring connection, per dozen, - - - - - - $9.00

HALF DOZEN IN A BOX.

SUNASACK.

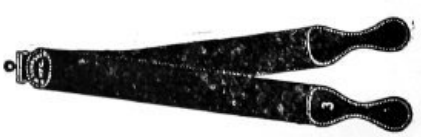
No. 35S—17½×1¾ in., double swing, russet horse hide sharpening strop, black finishing strop, double stitched leather handles, nickel plated swivel, per dozen $4.00

No. 04S—22×2 in., double swing, filled cotton hose sharpening strop, black horse hide finishing strop, stitched double leather handles, nickel plated swivel, per dozen, - - - - - - $5.00

No. 03S—22×2¼ in., double swing, black Scotch linen sharpening strop, russet heavy horse hide finishing strop, double stitched leather handles, nickel plated loop swivel, - - - per dozen $8.00

No. X12S—22×2¼ in., double swing, white Scotch linen sharpening strop, ox-blood horse hide finishing strop, double stitched leather handles, nickel plated loop swivel, per dozen, - - - - - - $8.00

No. X4XS—21×2 in., double swing, ox-blood horse hide self honing and sharpening strop, smooth black finishing strop, double stitched leather handles, nickel plated loop swivel, - - per dozen $8.00



No. 3S—22×2¼ in., double swing, black Scotch linen sharpening strop, black heavy horse hide finishing strop, double stitched handles, nickel plated loop swivel, - - - - per dozen $8.00

ONE DOZEN IN A BOX.

RAZOR STROPS.

SUNASACK.

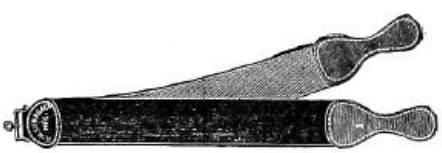
No. 6S—24×2¼ in., single swing, black shell horse hide, double stitched leather loop and handle, w't per doz. 3 lbs., per dozen..... $9.00

No. 9S—24×2¼ in., single swing, ox-blood shell horse hide, double stitched leather loop and handle, w't per doz. 3 lbs., per dozen..... $9.00

No. 5S—24×2¼ in., single swing, russet shell horse hide, tan sharpening side, highly polished finishing side, double stitched leather handle, w't per doz. 3 lbs.....per dozen $9.00

No. 500S—16×2 in., U. S. cavalry pattern, double swing, heavy black horse hide sharpening strop, heavy ox-blood horse hide finishing strop, heavy nickel plated handle, loop and swivel, w't per doz. 5 lbs.....per dozen $9.00

No. 488S—23¾×2 in., double swing, black heavy horse hide, self honing sharpening strop, tan heavy horse hide finishing strop, shaped handles, nickel plated swivel holder, w't per doz. 4½ lbs.....per dozen $12.00

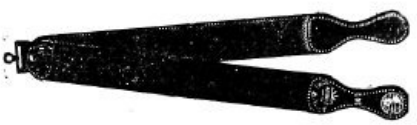


No. 1S—24¾×2¾ in., double swing, black Scotch linen sharpening strop, black horse hide finishing strop, stitched double leather handles and loop, nickel plated loop swivel, w't per doz. 6 lbs.....per dozen $12.00

No. 840S—21½×2¼ in., double swing, ox-blood horse hide, self-honing and sharpening strop, black horse hide finishing strop, stitched double leather handles and loop, heavy nickel plated loop swivel, w't per doz. 5½ lbs., per dozen..... $12.00

HALF DOZEN IN A BOX.

No. 302S—23×2¼ in., double swing, detachable black Scotch linen hose sharpening strop, black shell horse hide finishing strop, stitched double red leather handles, nickel plated swivel, w't per doz. 5 lbs....per dozen $12.00



No. 301S—23×2¼ in., double swing, detachable black Scotch linen sharpening strop, tan shell horse hide finishing strop, stitched double red leather handles, nickel plated swivel, w't per doz. 5 lbs.....per dozen $12.00

No. 300S—23×2¼ in., double swing, detachable black Scotch linen sharpening strop, ox-blood shell horse hide finishing strop, stitched double red leather handles, nickel plated swivel, w't per doz. 5¼ lbs.....per dozen $12.00

No. 400S—24×2¼ in., double swing, seal brown heavy horse hide sharpening and self-honing strop, black heavy horse hide finishing strop, stitched double leather handles, nickel plated loop swivel, w't per doz. 6 lbs., per dozen..... $14.00

No. 403S—24×2¼ in., double swing, black heavy horse hide self-honing and sharpening strop, ox-blood heavy horse hide finishing strop, stitched double leather handles, nickel plated loop swivel, w't per doz. 5 lbs., per dozen..... $14.00

No. 70S—25×2½ in., single swing, seal skin, tan sharpening side, highly polished black finishing side, stitched double leather handle, nickel plated swivel, w't per doz. 3½ lbs..per dozen $15.00

HALF DOZEN IN A BOX.

No. 600S—24½×2½ in., double swing, filled Scotch linen hose sharpening strop, black horse mane leather finishing strop, stitched leather handles, nickel plated swivel, w't per doz. 5½ lbs.....per dozen $15.00

No. 700S—24×2½ in., double swing, filled Scotch linen hose sharpening strop, tan dry porpoise hide finishing strop, stitched double leather handles, nickel plated swivel, w't per doz. 5 lbs., per dozen..... $15.00

No. 701S—24×2½ in., double swing, heavy brown horse hide sharpening strop, black horse hide finishing strop, stitched double leather handles, nickel plated swivel, w't per doz. 5 lbs., per dozen..... $15.00

No. 702S—24×2½ in., double swing, black mule hide sharpening strop, gray moose hide finishing strop, stitched double leather handles, nickel plated swivel, w't per doz. 5 lbs....per dozen $15.00

No. 79S—24×2¼ in., double swing, black Scotch linen hose sharpening strop, ox-blood shell horse hide finishing strop, stitched double leather handles, nickel plated loop swivel, w't per doz. 5½ lbs.....per dozen $18.00

No. 218S—24½×2⅝ in., double swing, reversible black Scotch linen sharpening strop, black shell horse hide finishing strop, all four sides finished, stitched double leather handles, nickel plated swivel on each strop, connected with nickel plated ring, w't per doz. 7 lbs.....per dozen $24.00

HALF DOZEN IN A BOX.

RAZOR STROPS.

No. 5—13½×1½ in., Emerson pattern, elastic black oval cushioned top finishing side, flat red leather honing side, varnished wood handle, with leatherette case, w't per doz. 3 lbs..per dozen $2.50

No. 4—13½×1½ in., genuine improved Emerson's black leather oval cushioned top finishing side, flat leather honing side, varnished wood handle, with leatherette case, w't per doz. 3 lbs., per dozen..... 4.00

No. 06—11½×1¼ in., common square, 4 sides, including honing, intermediate and finishing surfaces, black enameled handle, with leatherette case, w't per doz. 3¼ lbs.....per dozen $2.50

No. 2—13½×1½ in., combination, wood center, with 2 surfaces and 2 leather suspension strops, with adjustable tension, double rods, black enameled handle, with leatherette case, w't per doz. 6 lbs.....per dozen $7.00

HALF DOZEN IN A BOX.

No. 10—13½×1½ in., Sampson belt, 2 heavy leather suspension strops, double rods, black enameled adjustable handle, paste box in end of handle, with leatherette case, w't per doz. 5½ lbs.....per dozen $7.00

No. 1—14×1½ in combination wood center, 2 flat honing sides and 2 extra quality suspension finishing strops, double rods, black enamel handle, paste box in end of handle, with leatherette case, w't per doz. 7½ lbs per dozen $8.00

No. 8—13½×1½ in., square, 2 oval elastic cushioned sides and 2 flat sides, black enameled handle, with leatherette case, w't per doz. 6 lbs.....per dozen $8.00

HALF DOZEN IN A BOX

No. 9—14×1⅝ in., convex, combination, 4 sides, two flat surface strops, one arched black oval cushioned strop and one red leather suspension strop, double rods, adjustable tension, black enameled handle, with leatherette case, w't per doz. 7¼ lbs....per dozen. $10.00

No. 07—13½×1⅞ in., combination, 4 sides, double rods, very fine calf skin, black enameled handle, leatherette case, w't per doz. 6½ lbs...per dozen $19.00

HALF DOZEN IN A BOX.

RAZOR STROP DRESSING AND HONE ASSORTMENTS.

RAZOR STROP DRESSING.

8 Licks, a new composition composed partly of steel, contains no emery, very rapid, color black, put up in wood box, w't per doz. 8 oz..... per dozen $1.20

TWO DOZEN IN AN EASEL-BACK DISPLAY BOX.

Stropine, color dark brown, put up in opal glass jar, metal screw top, w't per doz. 1½ lbs..... per dozen $1.25

Stropine will not cake or harden on the strop.

ONE DOZEN IN SHOW CASE EASEL DISPLAY BOX.

RAZOR STROP DRESSING.

Razoredge, 1×1½ in. cakes, puts a keen edge on any dull razor, color dark red, w't per doz. 8 oz..... per dozen $1.20

ONE DOZEN ON AN EASEL DISPLAY CARD.

Razoo, ¾×2¼ in. cakes, no grit or tallow, color dark red, w't per doz. 8 oz., per dozen..... $1.80

ONE DOZEN ON AN EASEL DISPLAY CARD.

RAZOR STROP DRESSING.

No. 25C—SUNASACK'S BLACK DIAMOND, in aluminum cylinder, 1¼×1 in., w't per doz. 12 oz..... per dozen $3.50

This dressing is produced by the manufacturer of the world renowned Sunasack razor strops, who has had years of experience in this business.

We have had it tried out by a number of expert barbers in Chicago, and they pronounce it the best yet.

ONE DOZEN EACH IN A HANDSOME DISPLAY CASE.

RAZOR HONE ASSORTMENTS.

"HIB-SPE-BAR."

Hib-Spe-Bar Assortment—Consisting of razor hones as described below, w't 28½ lbs. retail value, $18.00, per assortment..... $18.00

Contents.

6 only 5 in., ½ fine Belgian hones..	$0.25	1.50
6 only 6 in., extra fine Belgian hones	.50	3.00
3 only 5 in., large Belgian Special hones..	.50	1.50
3 only 7 in., special selected Belgian hones..	.75	2.25
3 only Barbers' choice water hones, 6×2 in.....	1.00	3.00
6 only Escher hones in fancy boxes	.25	1.50
3 only Apart hones.....	.75	2.25
3 only Roxo hones.....	1.00	3.00
Total		$18.00

It is put up in a handsome wood counter display case covered with leatherette or green embossed paper. The stock is packed in lower portion of the box and the tray as shown in cut contains a sample of each of the styles of hones in assortment.

RAZOR AND KNIFE HONES.

RAZOR HONES.

"OUR VERY BEST."

GVB—5½×2 in., each in blue embossed and handsomely lettered leatherette telescope case or box, w't per doz. 6½ lbs.....per dozen $12.00

The **GVB** *hone is composed of carefully selected superior quality hone grit scientifically compounded. Every particle of grit is strictly uniform, and the hone is free from all imperfections commonly found in natural hones. The* **GVB** *is the perfection of honecraft.*

ONE DOZEN IN HANDSOME EASEL BOX FOR COUNTER DISPLAY PURPOSES.

Roxo—5×2 in., in gold lettered cloth covered box, w't per doz. 6½ lbs. per dozen $8.00

This Roxo is made from a secret composition which combines the qualities most desirable in razor honing; can be used dry or with water.

ONE IN A BOX.

A Combination of Finest Materials Scientifically Blended.

No. 50—APART, 5½×2 in., for either oil or water, w't per doz. 6 lbs..per dozen $13.00

These are imported hones, manufactured on scientific principles from the finest materials, contain no veins or irregular formations, and are uniform in quality. They are equal, if not superior, to the finest natural stone found. Each hone is packed in a leatherette covered box handsomely printed in gold.

ONE IN A BOX.

No. 6—5×2 in., finest quality genuine "Franz Swaty," has a coarse and a fine side, w't per doz. 5½ lbs., per dozen..... $12.00

No. 7—8×2 in., finest quality genuine "Franz Swaty," has a coarse and a fine side, w't per doz. 8 lbs..per dozen 20.00

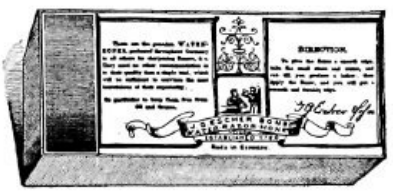
ONE IN A BOX

RAZOR HONES.

No. 12—6×1¼ in., genuine ESCHER, dark blue, complete with rub stone to create lather, w't per doz. 6 lbs....per dozen $4.00

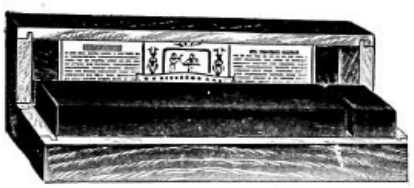
No. 1—7×1½ in., genuine ESCHER, dark blue, complete with full size rub stone to create lather, w't per doz. 12 lbs., per dozen..... 6.00

HALF DOZEN IN A PACKAGE.



No. 11—5×2½ in., genuine ESCHER, dark blue, complete with rub stone to create lather, w't per doz. 15 lbs...per dozen $8.00

ONE IN A BOX.



No. 105—5×1½ in., genuine ESCHER, dark blue, with rub stone to create lather, mounted in an oak box, w't per doz. 10 lbs.....per dozen $10.00

No. 106—6×2 in., genuine ESCHER, dark blue, with rub stone to create lather, mounted in an oak box, w't per doz. 18 lbs.....per dozen 15.00

ONE IN A BOX.

No. 317—7×1⅝ in., selected gen ine water hone, with rub stone to create lather, w't per doz. 12¼ lbs. per dozen $12.00

This water hone is a special selection of our own and will be found superior to any other on the market. The rubbing with the small stone produces a smooth cream or honing and keeps the pores of the hone open and sharp. It should be used only with water or lather.

ONE IN A BOX.

KNIFE HONES.

No. 28—Hib-Spe-Bar, 3⅜×1¼ in., finest quality "manos," excellent for sharpening penknives, erasers and other small tools, w't per doz. 2¼ lbs....per dozen $3.50

ONE IN A BOX.

RAZOR HONES.

No. 0—6×1⅝ in., genuine Italian, w't per doz. 7¼ lbs.....per dozen $ 3.00

No. 45—6×1¼ in., genuine Belgian, w't per doz. 6½ lbs.....per dozen 4.50

No. 2—6×1¼ in., fine genuine Belgian, w't per doz. 7¾ lbs.....per dozen 9.00

No. 3—6×1⅜ in., extra fine genuine Belgian, w't per doz. 7½ lbs. per dozen 12.00

No. 5—7×1⅝ in., extra fine genuine Belgian, packed one each in a neat box, w't per doz. 10 lbs....per dozen 18.00

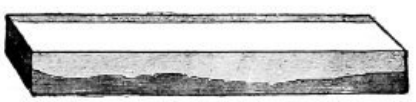
No. 8—6×1¼ in., extra choice selected genuine Belgian, packed one each in a neat box, w't per doz. 8½ lbs., per dozen..... 14.00

Barbers' Special.

No. 9—4×2 in., choice selected, genuine Belgian, w't per doz. 8 lbs., per dozen..... $11.00

No. 10—5×2½ in., choice selected, genuine Belgian, w't per doz. 16 lbs., per dozen..... 24.00

HALF DOZEN IN A CARTON



No. 13—7×1½ in., genuine Belgian, w't per doz. 9¾ lbs.....per dozen $ 6.00

No. 14—7×1½ in., fine genuine Belgian, in neat case, w't per doz. 11 lbs., per dozen..... 10.00

No. 15—7×1⅝ in., choice genuine Belgian, in neat case, w't per doz. 11 lbs., per dozen..... 12.00

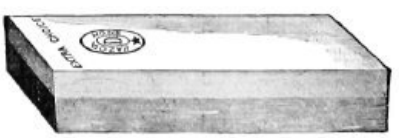
No. 16—7×1⅝ in., extra choice genuine Belgian, in neat case, w't per doz. 11 lbs.....per dozen 17.00

No. 17—7×1⅝ in., extra selected, choice genuine Belgian, in neat case, w't per doz. 11½ lbs.....per dozen 23.00

HALF DOZEN IN A CARTON.

No. 107—5×1⅝ in., H. S. B. & Co.'s extra fine selected genuine Belgian, mounted in an oak box, w't per doz. 12 lbs.....per dozen $12.00

ONE IN A BOX



No. 18—8×1¾ in., extra selected, choice genuine Belgian, in neat case, w't per doz. 18 lbs.....per dozen $66.00

No. 19—9×2 in., extra selected, choice genuine Belgian, in neat case, w't per doz. 12 lbs.....per dozen 90.00

SHAVING SOAPS.

WILLIAMS'.

Quick and Easy.....per pound $0.54

A new shaving soap which lathers quickly and freely in the hardest water. It is put up 8 cakes to the pound.

Barbers' Bar, round cakes, 7/8×2 3/8 in., for shaving or toilet use.....per dozen $1.16

TEN POUNDS IN A BOX.

Mug Shaving. Barbers' Favorite.

Mug, in round cakes.....per dozen $0.85

Barbers' Favorite, in round cakes, per dozen..... 1.35

ONE DOZEN IN A BOX.

Shavers' Delight. Yankee.

Shavers' Delight, in round cakes, per dozen..... $1.50

Genuine Yankee, in square cakes, per dozen..... 2.00

ONE DOZEN IN A BOX.

Luxury, in round cakes.....per dozen $3.80

The medicinal properties contained in this soap are recommended by the most eminent specialists in the treatment of cutaneous diseases and are especially calculated to relieve the most obstinate cases of pimples, eczema or irritation of any kind.

ONE-QUARTER DOZEN IN A BOX.

WILLIAMS' STICK.

Leatherette Box.

Large .. ..per dozen $3.80

ONE DOZEN IN A BOX.

Metal Box.

Small.....per dozen $2.00

Large..... " 4.50

COLGATE'S.

Barbers' Bar, put up 8 cakes in a package, w't 1 lb., ...per pound. $0.50

Stick, large size.....per dozen $3.75

ONE IN A NICKEL PLATED BOX.

GILLETTE'S.

Gillette, foil covered stick in a nickel plated box.....per dozen $2.00

A shaving soap worthy of the Gillette Safety Razor.

ARMOUR'S.

Supercream, round cakes, 7/8×2 3/8 in., for shaving or toilet use....per dozen $1.20

SIX CAKES IN A CARTON. FIVE DOZEN IN A DOVETAILED WOOD BOX.

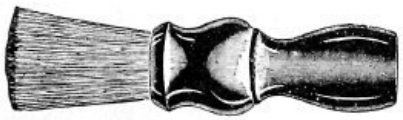
Supercream Sticks, 3×1 1/2 in., in handsome nickel plated metal case, per dozen..... $3.00

Florafoam, shaving preparation in collapsible tubes,.....per dozen $4.00

This is a highly meritorious shaving lotion.

ONE DOZEN IN A CARTON.

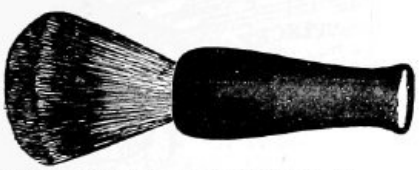
LATHER BRUSHES.



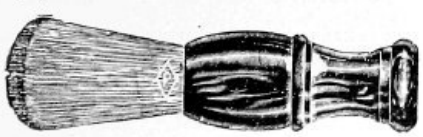
No. 127—Black enameled handle, 1⅞ in. bristles, square point, medium, per dozen..... $0.75

No. 4—Enameled handle, twine bound, 1⅞ in. bristles, round point, small, per dozen..... $1.25

No. 55—Enameled handle, wire bound, 1⅞ in. bristles, square point, medium, per dozen..... $1.45

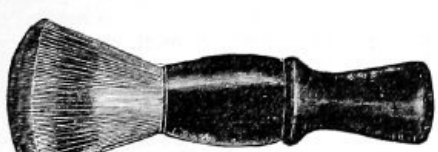


No. 841—Ebonized handle, 2⅛ in. selected white bristles, round point, large, per dozen..... $2.25



No. 204—Imitation horn handle, 2¼ in. fine bristles, round point, large, per dozen..... $2.50

No. 18—Polished apple handle, black rubber ferrule, 2 in. selected white bristles, square point, medium.....per dozen $2.50



No. 931X—Ebonized handle, 1¾ in. mixed badger bristles.....per dozen $3.00

"Pilot," brown enameled handle, wire ferrule, enameled ruby color, 2¼ in. best French bristles, guaranteed to stand the wear in every particular....per dozen $3.00

ONE DOZEN IN A BOX.

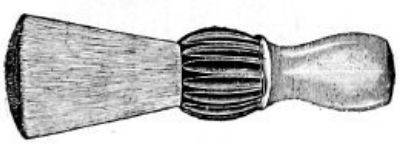
No. 860—Ebonized handle, 2 in. fine white bristles, square point, medium, per dozen..... $3.00

No. 10—"KANT-KUM-OUT," soft ebony finish handle, extra fine nickeled ferrule, 1⅞ in. selected French bristles, per dozen $3.30

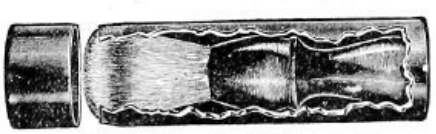
This brush is put together under a new process, making it absolutely non-shedable, guaranteed in every respect.

No. 7—Barbers', walnut handle, superior twine binding, 2⅛ in. extra fine bristles, medium.....per dozen $3.35

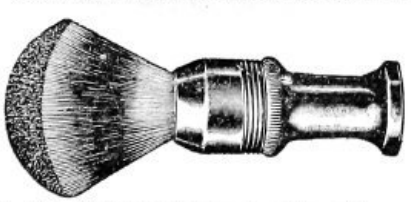
No. 9—Barbers', walnut handle, superior twine binding, 2¼ in. extra fine bristles, large .....per dozen 4.35



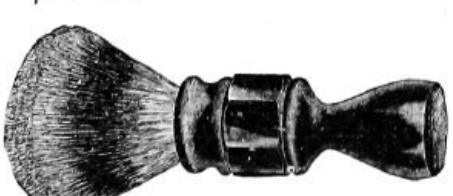
No. 312W—White bone handle, black horn ferrule, 2¼ in. selected white bristles, square point, large.....per dozen $4.00



No. 15—Ebonized handle, 1¾ in. mixed badger bristles, with ebonized carrying case.....per dozen $4.00



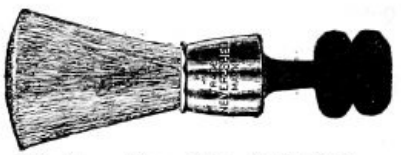
No. 445—Nickel plated handle, 2 in. soft badger cased bristles, full length 4⅛ in., per dozen..... $4.00



No. 945—Ebonized handle, 2 in. mixed badger hair bristles, round point, per dozen..... $4.00

HALF DOZEN IN A BOX.

No. 92—White bone handle, 2¼ in. fine bristles, round point, large...per dozen $4.35



No. 1X—NEVER-SHED, 2 in. best white bristles, ebonized handle, aluminum ferrule, will not corrode or shed bristles, per dozen..... $5.00

No. 2X—NEVER-SHED, 2¼ in. best white bristles, ebonized handle, aluminum ferrule, will not corrode or shed bristles, per dozen..... $6.00

White Maple Handle, Ebonized Wood Ferrule, Selected White Bristles.

No. 001—2 in. bristles, small..per dozen $4.00
No. 002—2¼ in. bristles, medium " 5.00
No. 003—2½ in. bristles, large " 6.00

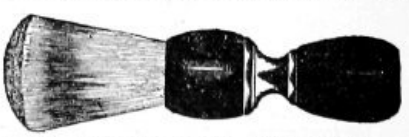
ALUMINUM, Antiseptic, Compressed Aluminum Ferrule, Genuine and Stamped Melchior Bros.

No. 1M—2¼ in. fine bristles, small, per dozen..... $4.35
No. 2M—2⅜ in. fine bristles, medium, per dozen..... 6.35
No. 3M—2½ in. fine bristles, large, per dozen..... 7.35

An indestructible brush, so constructed that it holds nearly twice the ordinary amount of lather. The bristles cannot become loose, nor the ferrule break. Bristles are cured in an antiseptic solution, which prevents spread of disease.

ALUMINUM, Antiseptic, Compressed Aluminum Ferrule, Not Stamped.

No. 1D—2¼ in. fine bristles, small, per dozen..... $2.50
No. 2D—2⅜ in. fine bristles, medium, per dozen..... 3.50
No. 3D—2½ in. fine bristles, large, per dozen..... 4.00



No. 767—Ebonized handle, silver metal trimmings, 2¼ in. badger hair, square point, large.....per dozen $6.00

HALF DOZEN IN A BOX.

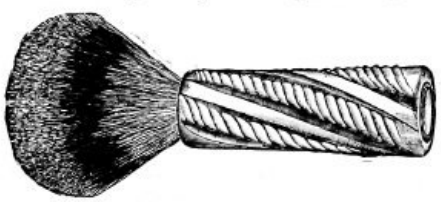
LATHER BRUSHES AND ASSORTMENTS.

LATHER BRUSHES.

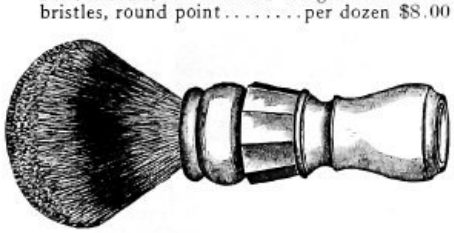
No. 990—7/8 in. nickel plated handle, 2 in. mixed badger hair bristles, with nickel plated carrying case, end of handle fits in end of case.....per dozen $8.00

No. 1493—Full length, 4 1/4 in., white bone handle, hard rubber ferrule, 1 7/8 in., mixed badger hair bristles, round point, per dozen..... $8.00

No. 1490—Full length, 4 1/2 in., white bone handle, horn ferrule, 2 in. mixed badger hair bristles, round point....per dozen $8.00

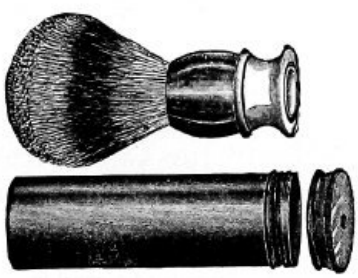


No. 1495—Full length, 4 7/8 in., fancy white bone handle, 2 in. mixed badger hair bristles, round point.....per dozen $8.00



No. 1496—Full length, 5 in. white bone handle, 2 in. mixed badger hair bristles, round point.....per dozen $8.00

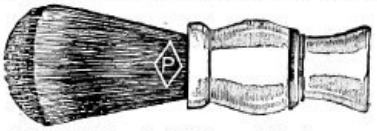
HALF DOZEN IN A BOX.



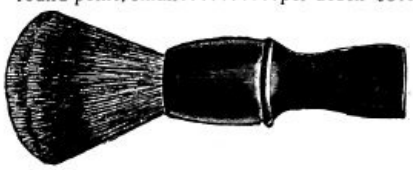
No. 45—1/2 in. white bone handle, bone ferrule, 1 7/8 in. mixed badger hair bristles, round point, with nickel plated case, per dozen..... $9.00

No. 997—Full length, 5 in. white bone handle, horn ferrule, 2 1/2 in. all genuine badger hair bristles, round point, per dozen..... $13.00

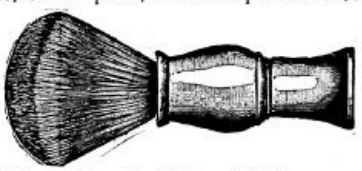
No. 573A—TOURISTS', telescopic, handle nickel plated on white metal, good white bristles, brush enclosed in handle, per dozen..... $8.00



No. 720—Full length 4 1/8 in., white bone handle, 1 7/8 in. badger hair bristles, round point, small.....per dozen $8.00



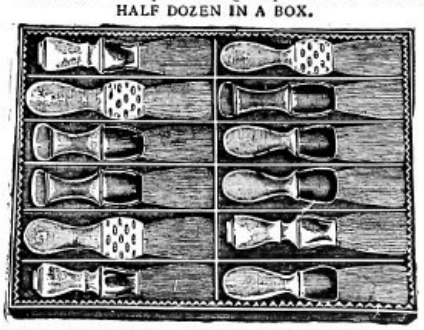
No. 930—Full length 4 5/8 in., ebonized handle, 2 in. genuine badger hair bristles, round point, small....per dozen $8.00



No. 130—Full length 4 1/4 in. white bone handle, 1 7/8 in. genuine badger hair bristles, round point, small...per dozen $12.00

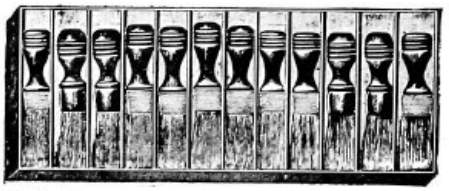
No. 823—Full length 5 1/8 in., ebonized handle, 2 1/4 in. genuine badger hair bristles, round point, large..per dozen $18.00

HALF DOZEN IN A BOX.

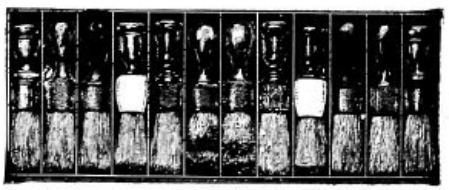


Jewel Assortment, consisting of 1 dozen lather brushes, comprising 4 brown enameled handles, 4 white maple handles and 4 cherry handles, all have fine white bristles.....per assortment $2.40

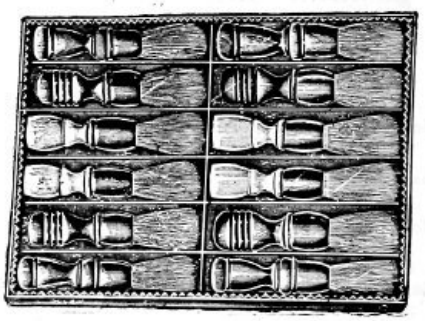
LATHER BRUSH ASSORTMENTS.



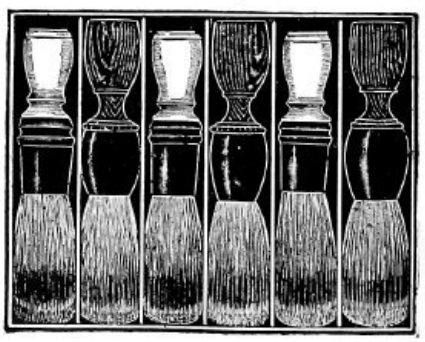
Duke Assortment, consisting of 1 dozen lather brushes, comprising 2 black enameled handles, 2 brown enameled handles, 4 twine bound, assorted colors, with black handles, 4 wire bound, assorted colors, with black handles, all made of white bristles, per assortment $1.50



Pyramid Assortment, consisting of 1 dozen lather brushes, comprising 2 apple handles, 2 brown enameled twine bound handles, 2 ebony wire bound handles, 2 black enameled twine bound handles, 2 cocobolo handles with bone ferrules, 2 wire bound apple handles, the two latter have rare badger hair, all of the former have fine white bristles, per assortment..... $3.50

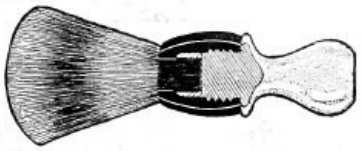


Winner Assortment, consisting of one dozen lather brushes, comprising 4 apple handles, ebonized ferrules, 2 apple handles with bone ferrules, 2 ebonized handles, solid metal ferrules, and 4 white carved bone handles, nickel plated solid metal ferrules, fine white bristles.....per assortment $4.00



No. 563 Assortment—Consists of 1/2 dozen assorted white enamel and cherry finished handles, ebonized ferrules, 2 in. mixed hair bristles, round point, per dozen..... $4.00

RUBBERSET LATHER BRUSHES.



Sectional view of a "Rubberset" Lather Brush, showing why the bristles wont come out.

The butt-end of the bristles are first embedded in a solid head of soft rubber. This head is then bound with a strong metal belt and then placed in a die and vulcanized (hardened) under heat and pressure. The result is a solid vulcanized head in which the bristles are so thoroughly anchored that every single bristle is retained until the brush wears out. This hard rubber setting is guaranteed to withstand hot water, cold water, soap or hard usage.

No. 400—Full length 4⅝ in., ebonized handle with non-corrosive metal ferrule, 2 in. imported white bristles set in vulcanized rubber.....per dozen $4.00

No. 49 Series—The Barbers' Favorite Lather Brushes.

Hard Polished Boxwood Handles with Hard Rubber Ferrules.

No. 49-1—Full length 5¼ in., 2 in. imported white bristles set in vulcanized rubber.....per dozen $7.20

No. 49-2—Full length 5¼ in., 2⅛ in. imported white bristles set in vulcanized rubber.....per dozen 8.30

No. 49-3—Full length 5¾ in., 2¼ in. imported white bristles set in vulcanized rubber.....per dozen 9.40

No. 49-4—"The Big 4," full length 6¼ in., 2½ in. imported white bristles set in vulcanized rubber.....per dozen 12.00

The "Big 4" lather brush is intended for barbers who desire an extra large shaving brush that will stand hard service.

These brushes can be sterilized without injury to the hard rubber in which the bristles are set. Guaranteed to withstand hot water, cold water, soap and hard usage.

ONE IN A BOX; HALF DOZEN IN A CARTON.

No. 221—Full length 4¼ in., highly polished white bone handle, hard rubber ferrule, 1¾ in. badger hair bristles set in vulcanized rubber.....per dozen $9.50

ONE-HALF DOZEN IN A BOX.

This is a real photograph of a real bull dog and a real "Rubberset" Lather Brush. It shows that the bristles cannot be pulled or twisted out of the hard rubber setting.

METAL SIGN.

No. 1—Length 27 in., width 9¼ in., enameled in colors with brass chain. Furnished free to merchants.

DISPLAY CASES.

No. 2—Length 14 in., width 7¼ in., height 8½ in., heavy pasteboard, covered with gloss paper closely resembling polished antique oak. Glass front and slide drawer.

This handsome display case furnished free with an order for 3 dozen assorted "Rubberset" Lather Brushes (not including No. 400). Not more than one display case furnished to a customer.

No. 215—Size 1, full length 4¼ in., highly polished white celluloid handle, equal in appearance to ivory, hard rubber ferrule, 2 in. extra fine white French bristles set in vulcanized rubber.....per dozen $15.40

No. 217—Size 2, full length 4¾ in., polished rosewood handle, hard rubber ferrule, 2 in. badger hair bristles, set in vulcanized rubber....per dozen $16.00

No. 230—Medium size, full length 4⅝ in., highly polished white bone handle, hard rubber ferrule, 2 in. badger hair bristles set in vulcanized rubber, per dozen..... $17.20

No. 232—Large size, full length 5 in., highly polished white bone handle, hard rubber ferrule, 2¼ in. badger hair bristles set in vulcanized rubber, per dozen..... 24.40

ONE-HALF DOZEN IN A BOX.

No. 322—Full length 5 in., highly polished white celluloid handle, equal in appearance to ivory, hard rubber cup shape ferrule prevents lather and water from running down the handle while the brush is in use, 2¼ in. fine badger hair bristles, set in vulcanized rubber, per dozen..... $29.60

No. 342—Full length 4⅞ in., highly polished white celluloid handle, equal in appearance to ivory, 2¼ in. fine badger hair bristles set in vulcanized rubber.....per dozen $29.60

ONE IN A BOX.

SHAVING MUGS.

No. 7—Fine imported china, height 3¾ in., diameter 3¼ in., floral decoration on pure white background, edge and handle traced with fine gold line, w't per doz. 6¼ lbs.....per dozen $3.75

HALF DOZEN IN A PACKAGE.

No. 8—Fine imported china, height 3½ in., diameter 3½ in., pure white body, decorated with 3 gold bands, w't per doz. 6¼ lbs.....per dozen $4.50

HALF DOZEN IN A PACKAGE.

No. 9—Fine imported china, height 3¾ in., diameter 3½ in., with partition for soap, raised surface, floral decoration on pure white background, edge traced with fine gold line, w't per doz. 6½ lbs., per dozen..... $5.25

HALF DOZEN IN A PACKAGE.

No. 10—Fine imported china, height 3½ in., diameter 3¼ in., with partition for soap, raised surface, floral decoration on pure white background, edge and handle traced with fine gold lines, w't per doz. 7 lbs.....per dozen $7.50

HALF DOZEN IN A PACKAGE.

No. 2—Aluminum, silver spun, height 3⅛ in., diameter 3⅛ in., satin finish, 4 bright etched bands, fancy handle, w't per doz. 2 lbs.....per dozen $8.00

HALF DOZEN IN A PACKAGE

No. 11—Fine imported china, height 3⅝ in., diameter 3½ in., with partition for soap, extra heavy, elaborate gold designs and heavy bands of gold on pure white background, w't per doz. 8¾ lbs.....per dozen $8.25

HALF DOZEN IN A PACKAGE.

No. 13—Fine imported china, height 3½ in., diameter 3⅜ in., with partition for soap, fancy shape, raised surfaces, floral wreath decorations on pure white background, 2 heavy green bands with gold borders, edge and handle traced with gold, w't per doz. 6 lbs. per dozen $12.00

HALF DOZEN IN A PACKAGE.

No. 14—Fine imported china, height 3½ in., diameter 3½ in., extra heavy, wide red and green band, elaborately decorated with gold stripes and transfers, w't per doz. 10¾ lbs.....per dozen $13.50

HALF DOZEN IN A PACKAGE.

No. 15—Fine imported china, height 3⅝ in., diameter 3½ in., extra heavy, wide red and green band, elaborately decorated with fine designs in gold on pure white background, w't per doz. 10½ lbs., per dozen..... $15.00

HALF DOZEN IN A PACKAGE.

No. 16—Fine imported china, height 3⅜ in., diameter 3½ in., fancy shape, with partition for soap, raised decoration, tinted body, profusely decorated with clusters of flowers and gold scrolls, w't per doz. 5½ lbs.....per dozen $18.00

HALF DOZEN IN A PACKAGE.

No. 17—Fine imported china, height 3½ in., diameter 3½ in., with partition for soap, extra heavy, floral decoration on pure white background, gold stripes and edges, w't per doz. 10½ lbs. per dozen..... $18.00

HALF DOZEN IN A PACKAGE.

No. 18—Fine imported china, height 3½ in., diameter 3⅝ in., neat floral decoration on pure white background, green rim edged with gold, elaborate gold decoration inside and outside, heavy gold decorated handle, w't per doz. 10½ lbs.....per dozen $18.00

HALF DOZEN IN A PACKAGE.

SHAVING MUG ASSORTMENTS.

No. 1—Retailers' assortment consisting of one dozen shaving mugs, as given below, w't per assortment 15 lbs.....per assortment $9.00

Nos	7	8	9	13	14	15	17	18
Quantity	2	3	2	1	1	1	1	1

ONE ASSORTMENT IN A CASE.

METAL POLISH.

MEXOLINE.

Black Liquid.

No. 110H—½ pt. cans, w't per doz. 7 lbs., per dozen..... $1.70

No. 112H—1 pt. cans, w't per doz. 13 lbs., per dozen..... 2.60

No. 114H—1 qt. cans, w't per doz. 26 lbs., per dozen..... 4.20

For cleaning and polishing signs, railings, band instruments, nickel, zinc, copper and other metals. Contains no poisons or acids.

ONE DOZEN IN A BOX.

White Liquid.

No. 120H—½ pt. cans, w't per doz. 7 lbs., per dozen.....$1.70

No. 122H—1 pt. cans, w't per doz. 13 lbs., per dozen..... 2.60

No. 124H—1 qt. cans, w't per doz. 26 lbs., per dozen..... 4.20

For cleaning and polishing signs, railings, band instruments, nickel, zinc, copper and other metals. Contains no poisons or acids.

ONE DOZEN IN A BOX.

SOLARINE.

Black Liquid.

No. 130H—⅛ pt. cans, w't per doz. 3 lbs., per dozen..... $1.50

No. 132H—½ pt. cans, w't per doz. 7 lbs., per dozen..... 2.70

No. 134H—1 pt. cans, w't per doz. 13 lbs., per dozen..... 5.00

No. 136H—1 qt. cans, w't per doz. 26 lbs., per dozen..... 7.50

No. 138H—½ gal. cans, w't per doz. 60 lbs., per dozen..... 10.00

No. 140H—1 gal. cans, w't per doz. 120 lbs., per dozen..... 18.00

NOS. 130H AND 132H, HALF GROSS; NO. 134H, ONE-QUARTER GROSS; NO. 136H, ONE DOZEN; NOS. 138H AND 140H, HALF DOZEN IN A CASE.

White Liquid.

No. 150H—⅛ pt. cans, w't per doz. 3 lbs., per dozen.....$ 1.50

No. 152H—½ pt. cans, w't per doz. 7 lbs., per dozen..... 2.70

No. 154H—1 pt. cans, w't per doz. 13 lbs., per dozen..... 5.00

No. 156H—1 qt. cans, w't per doz. 26 lbs., per dozen..... 7.50

No. 158H—½ gal. cans, w't per doz. 60 lbs., per dozen..... 10.00

No. 160H—1 gal. cans, w't per doz. 120 lbs.....per dozen 18.00

For polishing gold, silver, brass, nickel, tin, etc. Contains neither grease, grit, acid or poison and will not injure the most delicate surface.

NOS. 150H AND 152H, HALF GROSS; NO. 154H, ONE-QUARTER GROSS; NO. 156H, ONE DOZEN; NOS. 158H AND 160H, HALF DOZEN IN A CASE.

Putz Cream.

No. 36C—⅛ pt. cans, w't per doz. 6 lbs., per dozen..... $1.25

No. 38C—¼ pt. cans, w't per doz. 8 lbs., per dozen..... 1.90

No. 40C—½ pt. cans, w't per doz. 12 lbs., per dozen..... 3.00

No. 42C—1 pt. cans, w't per doz. 18 lbs., per dozen..... 6.00

No. 44C—2 pt. cans, w't per doz. 20 lbs., per dozen..... 9.00

No. 46C—4 pt. cans, w't per doz. 24 lbs., per dozen..... 15.00

No. 48C—8 pt. cans, w't per doz. 28 lbs., per dozen..... 27.00

A cream colored liquid polish, which leaves no unsightly stains or discolorations on the most delicately finished woodwork or leather, making it particularly valuable for polishing door trimmings and harness ornaments. It also imparts a brilliant polish to woodwork.

NO. 36C, 2 DOZEN IN PASTEBOARD BOX; NO. 38C, 6 DOZEN; NO. 40C, 3 DOZEN; NO. 42C, 2 DOZEN; NO. 44C, 2 DOZEN; NO. 46C, 1 DOZEN; NO. 48C, ½ DOZEN IN A CASE; NOS. 36C TO 44C, IN ROUND TIN CANS; NOS. 46C AND 48C, IN SQUARE TIN CANS, WITH SCREW CAP.

BURNISHINE.

White Liquid.

No. 2C—¼ pt. cans, w't per doz. 4½ lbs., per dozen.....$ 1.67

No. 3C—½ pt. cans, w't per doz. 6 lbs., per dozen..... 2.50

No. 4C—1 pt. cans, w't per doz. 9 lbs., per dozen..... 4.00

No. 5C—1 qt. cans, w't per doz. 24 lbs., per dozen..... 7.00

No. 6C—2 qt. cans, with bail, w't per doz. 51 lbs.....per dozen 12.00

No. 7C—1 gal. cans, with bail, w't per doz. 96 lbs.....per dozen 20.00

For cleaning and polishing brass, copper, nickel, zinc, tin and all metals. Contains nothing injurious to any metal.

NO. 2C, SIX DOZEN; NO. 3C, THREE DOZEN; NO. 4C, TWO DOZEN; NOS. 5C AND 6C, ONE DOZEN; NO. 7C, HALF DOZEN IN A CASE.

PUTZ POMADE.

Genuine Red Paste Polish.

No. 1½C—1¼ oz. boxes, w't per doz. 1 lb., per dozen..... $0.55

No. 4C—3¼ oz. boxes, w't per doz. 2 lbs.....per dozen $0.90

No. 6C—4 oz. boxes, w't per doz. 3 lbs., per dozen..... 1.75

No. 12C—½ lb. boxes, w't per doz. 6 lbs., per dozen..... 3.50

No. 16C—1 lb. boxes, w't per doz. 12 lbs., per dozen..... 5.00

NO. 1½C, TWO DOZEN; NOS. 4C AND 6C, ONE DOZEN IN A BOX; BALANCE IN BULK.

MATCHLESS.

White Paste.

No. 17H—3 oz. boxes, w't per doz. 1¾ lbs.....per dozen $0.95

No. 18H—½ lb. boxes, w't per doz. 6 lbs., per dozen..... 2.70

No. 19H—1 lb. boxes, w't per doz. 12 lbs., per dozen..... $4.50

NO. 17H, THREE DOZEN; NOS. 18H AND 19H, ONE DOZEN IN A BOX.

NON SUCH.

Black Paste.

No. 20H—3 oz. boxes, w't per doz. 1¾ lbs., per dozen..... $1.00

No. 21H—½ lb. boxes, w't per doz. 6 lbs., per dozen..... 2.70

No. 22H—1 lb. boxes, w't per doz. 12 lbs., per dozen..... 4.50

ONE DOZEN IN A BOX.

CLEANING AND POLISHING COMPOUNDS.

No. 65C. No. 01C.

No. 65C—1 lb. packages, powder, w't per doz. 13 lbs.....per dozen $4.00

For cleaning and polishing all kinds of tin, zinc, brass, copper, nickel and plated utensils of every kind as well as cleaning glass, wood, marble, porcelain, etc.

No. 01C—1 lb. packages, powder, w't per doz. 12 lbs.....per dozen $3.00

For cleaning and polishing nickel, copper, brass, zinc, bar fixtures and general household articles.

THREE DOZEN IN A CASE. WEIGHT ABOUT 43 LBS.

No. 50C. No. 60C.

No. 50C—4 oz. bottles, liquid, w't per doz. 7 lbs.....per dozen $1.25

For cleaning and polishing gold, silver, nickel, brass, copper, tin, etc. Contains nothing injurious to any metal.

ONE DOZEN IN A CARTON. THREE DOZEN IN A CASE.

No. 60C—½ pt. tin cans, liquid, w't per doz. 6½ lbs.....per dozen $2.50

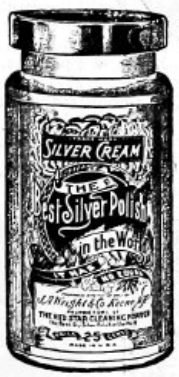
ONE DOZEN IN A CASE.

SILVER CLEANING MATERIALS.

SILVER POLISH.

Silverine, for cleaning gold and silver plate, w't per doz. 5 lbs.....per dozen $1.50

HALF DOZEN IN A PACKAGE.



Wright's Silver Cream, in 16 oz. glass jars, 5¼×2½ in., cleans and polishes silver, gold, cut-glass, marble, porcelain, w't per doz. boxed 18 lbs., per dozen.. .... $2.50

PACKED IN SAWDUST ONE DOZEN IN A CASE. WE DO NOT BREAK CASES.

This display stand packed with every dozen.

Stand, 30 samples and 6 full size jars Silver Cream are given free with an order for ½ gross at one shipment.

Stand, 60 samples and 12 full size jars Silver Cream free with an order for 1 gross at one shipment.

On an order for a full gross we put customer's imprint on label if requested. Imprint orders shipped from factory only at Keene N. H.

Goddard's Plate Powder, non-mercurial, for cleaning silver, electro plate, Brittania metal, block tin, etc., w't per doz. 3 lbs.....per dozen $8.00

This powder is manufactured by J. Goddard of Leicester, England, and has been on the market for over 50 years.

ONE DOZEN IN A BOX.

REVONOC SILVER CLEANING OUTFITS.

No. 1 REVONOC—Consisting of one six-quart extra heavy tinned pan, one heavy tinned wire basket or drainer and one box "Rev-o-noc" Silver Cleaner, w't per doz. 36 lbs., ...per dozen outfits $10.00

With the above outfit and a few minutes time the dealer can clean and remove the tarnish from his silverware without injuring the goods. By keeping his silverware in a clean salable condition the sales will be greatly increased. Directions on each box.

The "Rev-o-noc" Silver cleaning outfit is also invaluable for family or home use.

REVONOC SILVER CLEANER.

No. 2 REVONOC—Silver Cleaner for removing tarnish from silver or gold, w't per doz. cans 11 lbs .....per dozen $1.50

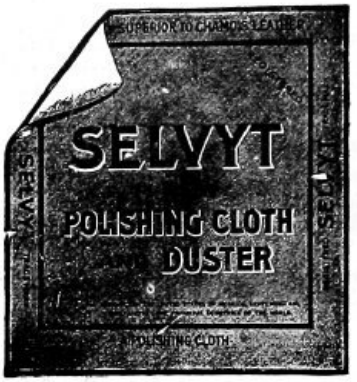
Directions on each box.

STEEL POLISH.

Polita, for cleaning and polishing steel knives, etc., will remove rust, w't per doz. 1 lb..... .....per dozen $1.20

ONE DOZEN ON A CARD, SIX CARDS IN A BOX.

SELVYT CLOTHS.



Superior to Chamois, as Good as New when Washed.

Nos.....	A	B	C
Size.....	10½×10½	14×14	17½×14 in.
Per dozen ..	$2.40	4.50	5.50
Nos.....	**D**	**E**	**F**
Size.....	20×17½	21×20	28×28 in.
Per dozen ..	$6.50	8.00	16.00

HALF DOZEN IN A PACKAGE, TWO DOZEN IN A BOX. AVERAGE WEIGHT PER DOZEN 1½ LBS.

CHAMOIS SKINS.

No. 22½—Size 10×13 in.....	per dozen	$ 2.20
No. 23½—Size 12×16 in....	"	4.00
No. 24¾—Size 15×20 in....	"	6.50
No. 26 —Size 19×25 in....	"	10.00
No. 27 —Size 23×26 in....	"	14.70
No. 28 —Size 28×32 in....	"	22.50
No. 29 —Size 32×37 in....	"	30.00
No. 30 —Size 34×40 in....	"	38.50

ONE KIP (2½ DOZEN) IN A BOX. AVERAGE WEIGHT PER KIP 3 LBS.

METAL MARKING FLUID.

For Use with a Pen.

No. 10—Dark blue, in 1½ oz. bottles, w't per doz. 3 lbs.....per dozen $2.00

Prepared especially for marking all bright metal surfaces such as knife blades, saws, chisels, etc. Will not rust the metal, crack or rub off. Can be easily removed with wood alcohol.

ONE IN A BOX.

HARMONICAS.

GENUINE HOHNER.

No. 34B—THE OLD STANDBY, 10 single holes, 20 reeds, brass plates, nickel covers, length 4 in.....per dozen $3.65
This time-honored instrument has been bringing profits to dealers for the past fifty years. Furnished in neat hinged box.

No. 50B—THE OLD FAVORITE, 10 double holes, 20 reeds, brass plates, nickel covers, length 4 in.....per dozen $3.65
In fine hinged box.

No. 214—THE VEST POCKET HARP, 10 singles, 20 reeds, brass plates, nickel-plated covers, length 3 in....per dozen $3.65
A miniature harmonica which is only 3¼ inches long. Each instrument is furnished in a neat hinged case.

No. 310—THE REGULATION BRAND— 14 double holes, 28 reeds, brass plates, nickel covers, length 4¼ in..per dozen $4.03
The covers are handsomely engraved and are so shaped as to form a semi-circular channel which runs through the centre of the instrument, along its entire length, and gives it a more resonant tone. The harmonica is tremolo tuned.

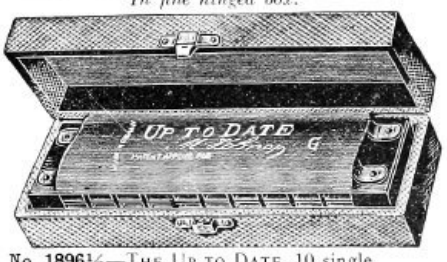
No. 1900—SECOND TO NONE, 10 single holes, 20 reeds, brass plates, latest improved pattern brass covers, finely nickel-plated, length 3¾ in..per dozen $4.22
In a fine box with hinged cover.
HALF DOZEN IN A PACKAGE.

No. 688—SHOWING THE U. S. CAPITOL, 14 double holes, 28 reeds, brass plates, nickel covers, with the much desired trio tuning, length 4⅝ in....per dozen $4.22
The covers of this instrument are lithographed in colors giving an elaborate bird's eye view of the capitol at Washington.

No. 61—THE UP TO DATE SURPRISE, 10 single holes, 20 reeds, brass plates, heavy novel covers, finely nickel plated, length 4 in .....per dozen $4.22
In neat hinged box.

No. 1896—THE MARINE BAND, 10 single holes, 20 reeds, brass plates, heavy convex brass covers, open back, finely nickel plated, length 4 in ...per dozen $4.22
In fine hinged box.

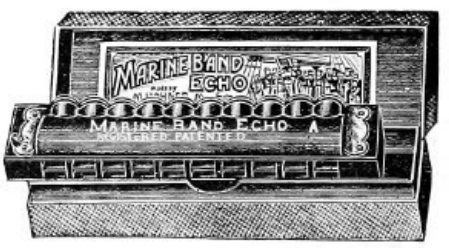
No. 1816—Large size, 10 single holes, 20 reeds, brass plates, heavy convex brass covers, open back, finely nickel plated, length 4⅝ in.....per dozen $4.42
In fine hinged box.



No. 1896½—THE UP TO DATE, 10 single holes, 20 reeds, brass plates, brass covers, convex shaped, concert size, length 4⅝ in.....per dozen $6.91
In fine silk lined leatherette case with lock and gold lettering.
HALF DOZEN IN A PACKAGE.

No. 18960 Octave—THE MARINE BAND, 10 double holes, 40 reeds, brass plates, heavy convex brass covers, finely nickel plated, full concert, length 4⅜ in., per dozen..... $8.16
In neat hinged red box with embossed lettering.

No. 481—THE MARINE BAND ECHO, 10 single holes, 20 reeds, brass plates, brass covers, finely nickel plated with extra sound channel for each reed, length 4 in.....per dozen $4.22
In neat box with hinged cover.



No. 482—THE MARINE BAND ECHO, 10 double holes, 20 reeds, brass plates, brass covers, finely nickel plated with extra sound channel for each reed, concert size, length 4¾ in..per dozen $5.95
No. 483—40 reeds, full concert harmonica, otherwise same as No. 482...per dozen 8.16

No. 3CND—FULL CONCERT HARP, 10 double holes, 40 reeds, brass plates, brass covers finely nickel plated, length 4 in.....per dozen $7.68
In white hinged pasteboard box.
HALF DOZEN IN A PACKAGE.

HARMONICAS.

GENUINE HOHNER

No. 67—THE MARINE BAND, 10 double holes, 20 reeds, brass plates, nickel plated convex covers with flat sides, length 4¼ in.....per dozen $6.91
In fine leatherette case which closes with button clasp. While being very handy and durable, this case also keeps the mouth-organ in better condition than the ordinary box.

No. 20—THE MARINE BAND, 10 single holes, 20 reeds, brass plates, nickel covers, fancy stamped extension ends with two extra clear tone bells, length 5¾ in.....per dozen $6.91
ONE-QUARTER DOZEN IN A PACKAGE.

No. 1006—THE SIAMESE TWINS, 28 double holes, 56 reeds, nickel plated covers, brass plates, two different keys, length 4¼ in.....per dozen $7.68
The best Harmonica for quickly changing from one key to another. The connecting cover is curved in the rear so as to form a hollow tube in which the tone resounds. This instrument is tremolo tuned.

No. 686—TREMOLO HARMONICA, 14 double holes, 28 reeds, brass plates, nickel covers, extension ends, length 4¼ in., per dozen..... $4.22

No. 555—TREMOLO HARMONICA, 12 double holes, 24 reeds, brass plates, nickel covers, extension ends, length 5½ in., per dozen..... $4.03

No. 557—TREMOLO HARMONICA, 20 double holes, 40 reeds, brass plates, nickel covers, extension ends, length 7¼ in., per dozen..... $6.14
HALF DOZEN IN A PACKAGE.

GENUINE HOHNER.

No. 35—TREMOLO HARMONICA, 24 double holes, 48 reeds, brass plates, nickel covers, extension ends, two harmonicas in one, two different keys, length 6½ in.....per dozen $7.68
No. 36—32 double holes, 64 reeds, length 7 in., otherwise same as No. 35, per dozen..... 9.60

No. 487—THE MARINE BAND ECHO 24 double holes, 48 reeds, nickel plated covers with extra sound channel for each reed, brass plates, tremolo tuned, length 6½ in..... per dozen $8.16
In fine hinged box with embossed lettering
HALF DOZEN IN A PACKAGE.

No. 46½—THE UP TO DATE TREMOLO, 32 double holes, 64 reeds, brass plates, nickel covers, fancy silver stamped extension ends, two harmonicas in one, two different keys, length 7½ in., per dozen..... $15.84
In fine silk lined leatherette case with gilt lettering.

No. 48½—THE UP TO DATE TREMOLO, 48 double holes, and 96 reeds, brass plates, nickel covers, fancy silver stamped extension ends, two harmonicas in one, two different keys, length 9½ in.....per dozen $23.04
In fine silk lined leatherette case with gilt lettering.
HALF DOZEN IN A BOX.

FR. HOTZ.

No. 00—THE BLUE RIBBON, 10 single holes, 20 reeds, fine nickel-plated zinc plates, nickel plated covers, length 3¾ in.....per dozen $1.54
In perfect tune and quality guaranteed.

No. 01—THE SPORT, 10 single holes, 20 reeds, fine nickel-plated zinc plates, nickel-plated covers, length 3¾ in., per dozen..... $1.73
The reeds are of very responsive quality and are tuned perfectly. Furnished in a neat pasteboard box with hinged cover. The finest ten cent harmonica on the market.

No. 03—THE PIONEER, 8 double holes, 16 reeds, nickel covers, length 4¼ in., per dozen..... $1.82
This is a large size instrument made to resemble a regular concert harmonica.

No. 04—THE LION BRAND, 10 single holes, 20 reeds, heavy brass plates, and the finest nickel plated covers, length 3⅞ in.....per dozen. $2.59
With an open back and novel shaped cover very comfortable for the mouth when playing. As a fifteen-cent harp, this instrument has no equal.

No. 05—THE AMATEUR, 10 single holes, 20 reeds, the finest brass plates and heavy nickel plated covers, length 3⅞ in.....per dozen $3.07

No. 07—THE DRUM MAJOR, 16 double holes, 32 reeds, zinc plates and nickel-plated covers, length 4¼ in., per dozen $3.65
A regular concert style instrument which can be played on both sides, and is tuned in two different keys. All reeds are perfect in tune and this is the only double harmonica on the market to-day that can be sold for twenty-five cents and give perfect satisfaction.
The celebrated Fr. Hotz Harmonicas have been on the market 80 years.
HALF DOZEN IN A PACKAGE.

HARMONICAS.

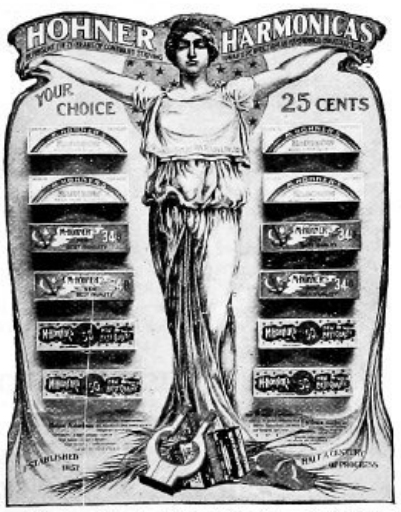
GENUINE HOHNER.

No. 220—THE TRUMPET CALL, 10 double holes, 40 reeds, brass plates, full concert, length 4⅝ in.....per dozen $15.36

The reeds of this instrument are directly connected with a wooden sound box into which the tone passes and finds an outlet through five brass trumpet horns which protrude from the box. No harmonica of this kind has ever been shown to the trade before, nor is there any which increases the tone so wonderfully.

ONE-QUARTER DOZEN IN A BOX.

HARMONICA ASSORTMENTS.



The New Hohner Display Stand, 24½x16¼ in., with Harmonicas Attached.

No. 225—Assortment consists of one new Hohner display card, with one dozen harmonicas, to retail at 25 cents each. The harmonicas are made up in three different styles, with an assortment of keys in each display.....per assortment $4.03

No. 235—Assortment consists of one new Hohner display card, with one dozen harmonicas, to retail at 35 cents each. The harmonicas are made up of the 5 best-selling styles in the Hohner line, and there is an assortment of keys on each card.....per assortment 4.99

No. 250—Assortment consists of 1 new Hohner display card, with one dozen harmonicas to retail at 50 cents each. The harmonicas are made up of 5 different styles, which are selected from the best sellers. In each assortment there will be found all the different keys required.....per assortment 7.68

This latest offer in Hohner goods consists of a beautiful attractive display stand, as shown above, combined with a dozen harmonicas of assorted styles and keys. The stand is a masterpiece of both the artist's hand and originality. It is lithographed in four colors and gold, and supported by a substantial easel. The harmonicas are fastened on new patented clamps, which hold the goods firmly and display them to advantage. The harmonicas sold can at all times be replaced by new goods. The three assortments above are made up with harmonicas to retail at twenty-five cents, thirty-five cents, and fifty cents, respectively. All the different assortments afford the dealer a profit of 50 per cent, and include this excellent display card, which he can use indefinitely.

HARMONICA ASSORTMENTS.

No. 200—LYRE HARMONICA ASSORTMENT, combining a very attractive Harmonica stand, made in the shape of a lyre, size 19x21 in., and an assortment of 12 Hohner Harmonicas consisting of 4 instruments to retail at 25 cents each, 3 to retail at 35 cents each, 3 to retail at 50 cents each, 1 to retail at 75 cents and another to retail at $1.00. The dealer sells the harmonicas for $5.30, making a profit of about 50 % as well as being put in possession of a fine Harmonica stand, which can be used for years.....per assortment $6.91

No. 340—THE MARINE BAND HARMONICA ASSORTMENT, per assortment..... $7.68

This assortment offers a regular single reed harmonica with twelve single holes and twenty-four reeds. This gives the instrument two additional holes and four additional reeds over the regular single reed harmonica. By this addition the Harmonica is given a wider range and comprises two complete octaves with an additional octave which is almost complete. Thus the player is afforded greater possibilities with this improved instrument in as much as he has the use of a greater range of notes. The harmonicas are furnished in new boxes, the main feature of which is the solid construction which makes them the most durable harmonica cases ever introduced. The box opens and closes in the regular telescope fashion. It is constructed with heavy cardboard and covered with an imitation celluloid paper. The glossy appearance which this covering contributes to the box, together with a tasty imprint in silver, lend a very attractive appearance. The boxes are furnished in assorted colors, red, white and blue. Instead of packing the instruments in the usual way of wrapping them up in one-half dozen packages, these goods are furnished in attractive display boxes. The display boxes are made with a hinged cover which shows when opened an attractive show-card lithographed in colors and also shows the price at which the goods are to be retailed. These boxes can conveniently be opened up on a show-case or in a show-window and enable the dealer to display the goods to considerable advantage. Each assortment consists of twelve harmonicas in assorted keys and assorted color boxes.

HARMONICAS.

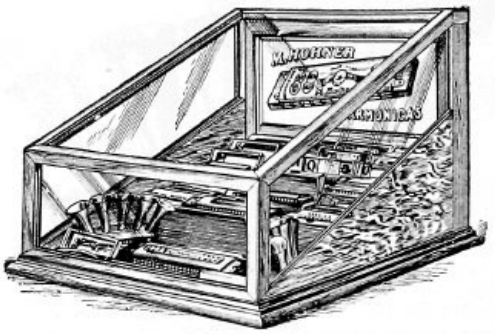
GENUINE HOHNER.

No. A25—HOHNER HARMONICA ASSORTMENT, consisting of 12 Hohner Harmonicas, put up in a handsome display case, to retail at 25 cents each, assorted styles, in seven different keys, per assortment $4.03

No. A35—Assortment of 12 harmonicas to retail at 35 cents each, otherwise same as No. A25, ... per assortment 4.99

No. A50—Assortment of 12 harmonicas to retail at 50 cents each, otherwise same as No. A25 ..... per assortment 7.68

No. A75—Assortment of 12 harmonicas to retail at 75 cents each, otherwise same as No. A25 ..... per assortment 9.60



Hohner Harmonica Display Show-Case, 24½x20¾x14 in., with Harmonica Assortment.

No. 300—Assortment consisting of above show-case with 9½ dozen harmonicas, assorted as below ..... per assortment $60.00

4 dozen assorted Harmonicas to retail at 25c. each	$12.00
2½ dozen assorted Harmonicas to retail at 35c. each	10.50
2 dozen assorted Harmonicas to retail at 50c. each	12.00
½ dozen assorted Harmonicas to retail at 75c. each	4.50
½ dozen assorted Harmonicas to retail at $1.00. each	6.00
Total retail value	$45.00
Value of Show-Case	12.00
Total value	$57.00

This offer consists of an excellent assortment of the best selling Hohner Harmonicas, to retail at prices ranging from twenty-five cents to one dollar, and a first class show-case made of the best material and perfect in every respect. The assortment is made up of seventeen different styles, with not a dead seller among them. Each style comes in a separate package which is labelled to show at what price its contents can be retailed for and contains an assortment of keys. The case is made of solid quarter-sawed oak, fine glass, and is especially designed for displaying harmonicas. The instruments appear on an elevated platform, under which there is room to store a small stock. With every case a number of price-tickets are given which can be placed on each instrument to display its retail value.

MISCELLANEOUS.

No. 2469—PRINCESS, 12 holes, 8 reeds, nickel plated brass covers, 4 in. long, in pasteboard box ..... per dozen $0.80

No. 270—OLD RELIABLE, 12 holes, 8 reeds, nickel plated case, 4⅛ in. long, per dozen $0.90

ONE DOZEN IN A PACKAGE.

No. 271—RICHTER'S, 10 holes, 10 reeds, nickel plated case, 3¾ in. long, per dozen $1.10

No. 272—RICHTER'S, 12 holes, 10 reeds, nickel plated case, 4¼ in. long, per dozen 1.50

No. 161—RICHTER'S LITTLE CORPORAL, 10 holes, 10 reeds, nickel plated case, 3¾ in. long ..... per dozen 1.50

HALF DOZEN IN A PACKAGE.

MISCELLANEOUS.

No. 690—GOLDEN ROD, 10 holes, 10 reeds, nickel plated case, German silver lined, 4 in. long ..... per dozen $1.70

No. 444—HIGHLAND BAND, 10 holes, 10 reeds, nickel plated case, German silver lined, 4 in. long ..... per dozen $2.20

No. 700—LUDWIG'S genuine Richter, free brand, 10 holes, 10 reeds, nickel plated case, 3⅞ in. long ..... per dozen 2.50

No. 2078—TIVOLI, 16 holes, 32 best steel bronze reeds, nickel plated case, German silver lined, 5⅜ in. long .... per dozen $3.00

HALF DOZEN IN A PACKAGE.

MISCELLANEOUS.

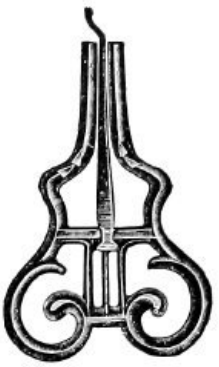
No. 1016—MAJOR, 10 holes, 20 reeds, nickel plated brass plates, nickel plated brass covers, with nickel plated tubes in back, greatly increasing volume and quality of sound, 4 in. long, in imitation cloth covered pasteboard box, per dozen $3.50

No. 230—10 holes, 10 reeds, brass lined, nickel plated case, 4 in. long, per dozen $3.60

HALF DOZEN IN A PACKAGE.

JEWS' HARPS.

Plain Pattern.



Fancy Pattern.

No. 5027 —2½ in. plain pattern, wrought iron frame, blued steel tongue, - - - - - - - - per dozen $0.60
No. 5030 —2⅞ in. plain pattern, wrought iron frame, blued steel tongue, - - - - - - - - " .90
No. 217B—2½ in. plain pattern, heavy brass frame, brass tongue, - - - - - - - - - " .85
No. 812 —3¼ in. fancy pattern, japanned iron frame, brass tongue, - - - - - - - - - " 1.50
No. 813 —3¾ in. fancy pattern, japanned iron frame, brass tongue, - - - - - - - - - " 2.50

THREE DOZEN IN A BOX.

HOHNER LYRE ASSORTMENT.

No. 200—Lyre Assortment, stand 19×21 in., with an assortment of 12 harmonicas, 4 to retail at 25 cents each, 3 to retail at 35 cents each, 3 to retail at 50 cents each, 1 to retail at 75 cents and 1 to retail at $1.00, shows the dealer a nice profit and gives him a grand harmonica stand which he can use for years, - - - - - - - - - - - per assortment $6.00

MUSICAL OUTFITS.

	Each	
1 dozen guitar strings, steel, 1st,	$0.05	$0.60
1 dozen guitar strings, steel, 2nd,	.05	.60
½ dozen guitar strings, steel, 3rd,	.05	.30
¼ dozen guitar strings, steel, 4th,	.10	.30
¼ dozen guitar strings, steel, 5th,	.10	.30
¼ dozen guitar strings, steel, 6th,	.10	.30
1 dozen mandolin strings, steel, 1st,	.05	.60
1 dozen mandolin strings, steel, 2nd,	.05	.60
½ dozen mandolin strings, steel, 3rd,	.05	.30
¼ dozen mandolin strings, steel, 4th,	.10	.30
1 dozen violin strings, steel, 1st,	.05	.60
1 dozen violin strings, steel, 2nd,	.05	.60
½ dozen violin strings, steel, 3rd,	.05	.30
¼ dozen violin strings, steel, 4th,	.10	.30
½ dozen violin rosin,	.05	.30
1 dozen best ebony violin pegs,	.05	.60
1 dozen best violin bridges,	.10	1.20
1 dozen best tortoise shell mandolin picks,	.05	.60
1 dozen best guitar picks,	.05	.60
Total retail value,		$9.30

No. 10—Assortment consisting of all the articles enumerated above, in handsome hinged partitioned box, size 12×7×2¾ in., per assortment $3.00

	Each	
1 dozen guitar steel strings, 1st,	$0.05	$0.60
1 dozen guitar steel strings, 2nd,	.05	.60
½ dozen guitar steel strings, 3rd,	.05	.30
¼ dozen guitar steel strings, 4th,	.10	.30
¼ dozen guitar steel strings, 5th,	.10	.30
¼ dozen guitar steel strings, 6th,	.10	.30
1¼ dozen guitar or violin gut, 1st,	.10	1.50
½ dozen guitar or violin gut, 2nd,	.10	.60
¼ dozen guitar or violin gut, 3rd,	.15	.45
¼ dozen guitar or violin gut, G 4th,	.10	.30
1 dozen violin steel strings, 1st,	.05	.60
1 dozen violin steel strings, 2nd,	.05	.60
½ dozen violin steel strings, 3rd,	.05	.30
¼ dozen violin steel strings, 4th,	.10	.30
1 dozen mandolin steel strings, 1st,	.05	.60
1 dozen mandolin steel strings, 2nd,	.05	.60
½ dozen mandolin steel strings, 3rd,	.05	.30
¼ dozen mandolin steel strings, 4th,	.10	.30
1 dozen best violin rosin,	.05	.60
1 dozen best violin bridges,	.10	1.20
1 dozen best violin ebony pegs,	.05	.60
1 dozen tortoise shell mandolin picks,	.05	.60
1 dozen guitar or autoharp picks,	.05	.60
1 dozen guitar bridge pins,	.02½	.30
Total retail value,		$12.75

No. 12—Assortment consisting of all the articles enumerated above, in handsome hinged partitioned box, size 12×10½×2¾ in., per assortment $5.25

EXTRA SUPPLIES.

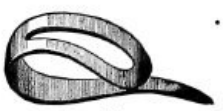
GUITAR STRINGS.

Steel Wire, Silver Plated, with Knotted End.

No. 1—E or 1st,	per dozen	$0.13
No. 2—B or 2nd,	"	.13
No. 3—G or 3rd, wound,	"	.30
No. 4—D or 4th, wound,	"	.30
No. 5—A or 5th, wound,	"	.35
No. 6—E or 6th, wound,	"	.45

GUITAR OR ZITHER PICKS.

No. 4.



No. 32.

No. 4—Celluloid, best grade,	per dozen	$0.45
No. 32—German silver,	"	.60

VIOLIN STEEL STRINGS.

Silver Plated, Knotted End.

No. 26—E, 1 length,	per dozen	$0.10
No. 27—A, 1 length,	"	.10
No. 28—D, 1 length, covered,	"	.20
No. 29—G, 1 length, covered,	"	.23

VIOLIN GUT STRINGS.

Transparent and Polished, Fine Quality.

No. 61—E 4 lengths (30 strings in a bundle),	per bundle	$3.63
No. 61—A, 2½ lengths (30 strings in a bundle),	"	3.63
No. 61—D, 2½ lengths (30 strings in a bundle),	"	4.88
No. 101—G, 1 length, wound on gut, blue silk ends, each string in separate wrapper,	per dozen	1.05

MANDOLIN STRINGS.

No. 1—E or 1st string, steel wire, silver plated,	per dozen	$0.13
No. 2—A or 2nd string, steel wire, silver plated,	"	.13
No. 3—D or 3rd string, steel wire, wound with silver wire, per dozen,		.30
No. 4—G or 4th string, steel wire, wound with silver wire, per dozen,		.35

MANDOLIN PICKS.

No. 49—Celluloid, small oval shape, polished edges, WASHBURN,	per dozen	$0.38
No. 55—Celluloid, small oval shape, polished edges, SCHAEFFER STAR pick,	per dozen	.45
No. 26—Genuine tortoise shell, regular model, polished, per dozen,		.50
No. 53—Genuine tortoise shell, regular model, polished, per dozen,		.50
No. 54—Genuine tortoise shell, triangular shape, polished, per dozen,		.50

GUITAR BRIDGE PINS.

No. 1—Maple, back stained, polished head,	per dozen	$0.20
No. 7½—Ebony, polished pearl inlaying in head,	"	.23

VIOLIN ROSIN.

No. 5—Small sized cakes, oblong paper boxes,	per dozen	$0.20
No. 7—Small sized cakes, oblong pasteboard boxes, per dozen,		.25
No. 10—Medium sized cakes, oblong pasteboard boxes, per dozen,		.30
No. 14—Large sized cakes, oblong pasteboard boxes, per dozen,		.60

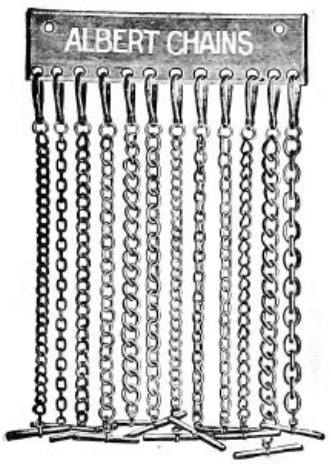
VIOLIN PEGS.

No. 106—Maple, imitation ebony finish, hollow shape, pearl dot in head,	per dozen	$0.50
No. 122—Rosewood, hollow shape, pearl dot in head,	"	1.13
No. 124—Ebony, hollow shape, pearl dot in head,	"	.70

VIOLIN BRIDGES.

No. 4—Maple, 3 scrolls, "LONDON,"	per dozen	$0.25
No. 7—Maple, 3 scrolls, "PARIS,"	"	.30
No. 9—Maple, 3 scrolls, "LEIPZIG,"	"	.40
No. 114—Maple, 3 scrolls, "PANPI,"	"	.55
No. 105—Maple, 3 scrolls, "DRESDEN,"	"	1.00

WATCH CHAINS.



No. 6—"ALBERT," steel, nickel plated and polished, length 11 in., 6 patterns, assorted, - - - - - - - - per card $1.20

ONE DOZEN ON A CARD. WE DO NOT BREAK CARDS.

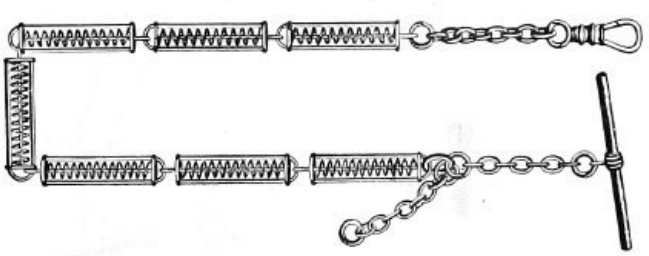
No. 255—11¼ in. long, double stitched leather loops, nickel plated slides, center and end links, - - - - - - per dozen $3.75

No. 509—11¼ in. long, double stitched leather loops, nickel plated bridle bit center, slides and end links, - - - - per dozen $4.00

No. 12—Expansion link, German silver safety, length closed 8 in., length expanded 10½ in., - - - - - - per dozen $3.60

Can be used alone on watch, or in connection with regular watch fob, and prevents watch from being jerked or falling from pocket.

ONE DOZEN IN A BOX.



No. 10—Expansion, solid German silver, finest piano wire springs, nickel plated, - - - - - - - - - per dozen $3.80

ONE DOZEN ON A CARD.

No. 2—Leather, assorted colors, - - - - - - per dozen $0.60

No. 177—Leather, assorted colors, with hand engraved aluminum charm, - - - - - - - - - - per dozen $1.20

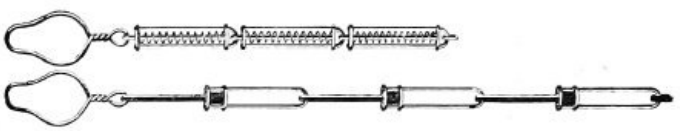
No. 104—Genuine alligator, with hand engraved aluminum charm, per dozen, - - - - - - - - - - - - 1.60

ONE DOZEN ON A CARD

KEY CHAINS.

No. 33—Expansion, nickel plated piano spring wire coil, German silver caps, button loop, length closed 13½ in., expanded 23 in., per dozen, - - - - - - - - - - - - - $1.50

No. 22—Expansion, nickel plated piano spring wire coil, covered with German silver tubes and caps, button loop, length closed 13½ in., expanded 23 in., - - - - - - - - per dozen $3.80



Showing Three Links. Closed and Extended.

No. 1—Expansion, solid German silver, finest piano wire springs, nickel plated, - - - - - - - - - - per dozen $3.80

It is a long and a short key chain in one. When expanded it is 23 inches long; when closed only 14 inches long. Springs guaranteed absolutely not to break or weaken.

ONE DOZEN IN A BOX.

No. 5. No. 13. Nos. 1GB and 32. No. 11N. Washburn Fst'r.

No. 3 —Aluminum, length 20 in., one end as loop for suspender button, 1 in. split key ring, - - - - - per dozen $1.25
No. 5 —Aluminum, with patent hook, length 20 in., - " 1.70
No. 13 —OUT OF SIGHT, nickel plated piano spring wire, length 27 in. extended, 11 in. closed, entirely out of sight when attached to suspender button and keys in hip pocket, assorted patterns of coils, per dozen, - - - - - - - - - - 4.00
No. 1GB —Solid gold bronze chain, clover leaf loop and nickel plated key ring, length 19 in., - - - - - per dozen 2.00
No. 1GBW —Solid aluminum links, Washburn fastener and nickel plated key ring, length 18 in., - - - - - - - per dozen 2.50
No. 11N —Bright wire chain, clover leaf loop and nickel plated key ring, length 19 in., - - - - - - - - per dozen .90
No. 11NW —Bright wire chain, Washburn fastener and nickel plated key ring, length 18 in., - - - - - - - per dozen 1.40
No. 32 —SWITCHMEN'S, steel, nickel plated, with 1 in. split key ring, length 32 in., - - - - - - - - per dozen 1.60

NO. 5 ONE DOZEN IN A BOX, BALANCE ONE DOZEN ON A DISPLAY CARD.

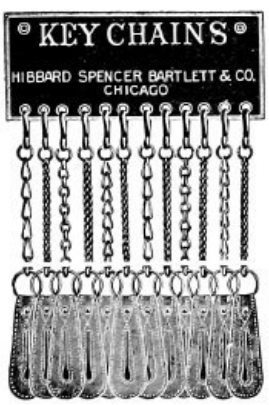
KEY HOOKS.

Ricker's, heavy brass, nickel plated, adapted for attaching to belt of trousers to carry a bunch of keys on a key ring, each hook complete with nickel plated split key ring, - - - - - per dozen $1.50

ONE DOZEN ON A DISPLAY CARD.

KEY CHAINS.

No. 2—Polished steel wire, assorted styles of links, button loop and split key ring, assorted lengths 16 to 20 in., one dozen on a brass display holder, - - - - - - - - - - per dozen $1.20



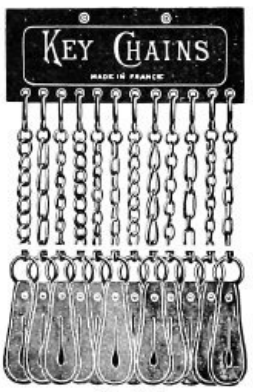
No. 717—Polished steel chain, leather loop, spring snap, assorted styles, length 19 in., one dozen on display holder, - per dozen $1.60

No. 711.

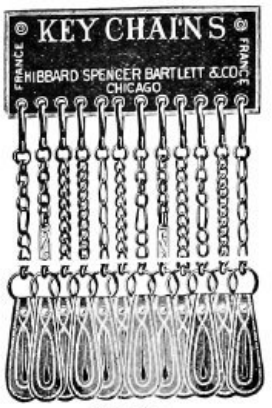
No. 740.

No. 711—Nickel plated steel chain, assorted styles, leather loop, nickel plated key ring, length 19 in., one dozen on display holder, per dozen, - - - - - - - - - - - - $4.00

No. 740—Nickel plated steel chain, leather loop, spring snap, assorted styles, length 20 in., one dozen on display holder, - per dozen 4.35



No. 701.



No. 796.

No. 701—Nickel plated steel chain, leather loop, spring snap, assorted styles, length 19 in., - - - - - - - per dozen, $2.00

No. 796—Nickel plated steel chain, leather loop, spring snap, assorted styles, length 20 in., - - - - - - - per dozen 4.00

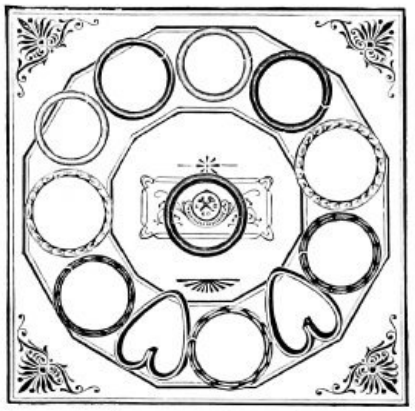
ONE DOZEN ON A DISPLAY CARD.

TRIPLETS.

Triplet combination key holder, cigar box opener, bottle cap remover, screw driver and paper cutter, nickel plated, per dozen $1.50

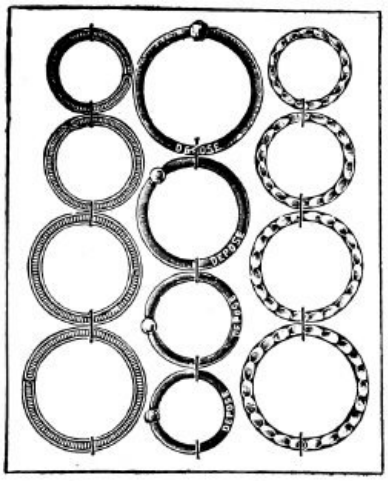
ONE DOZEN ON A DISPLAY CARD.

KEY RINGS.



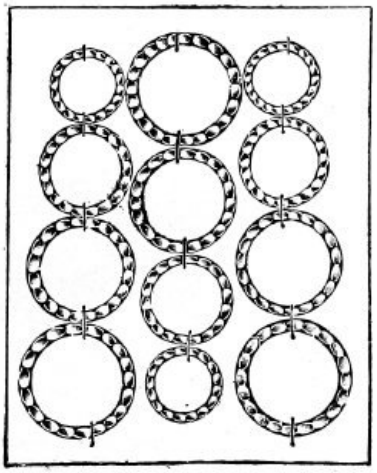
No. 100—Polished, assorted sizes and styles, per dozen, - - - - - - $0.75

ONE DOZEN ON A CARD.



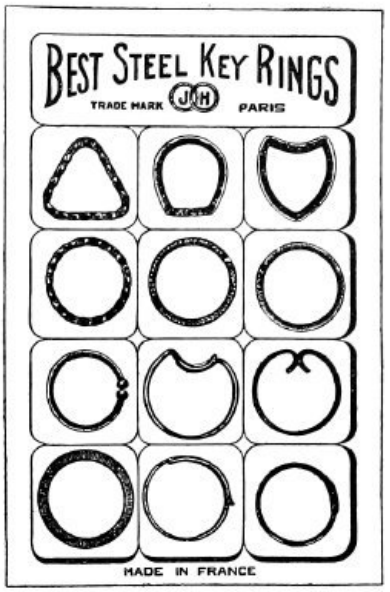
No. 548—Polished, split, assorted sizes and styles, - - - - - per dozen $0.60

ONE DOZEN ON A CARD.



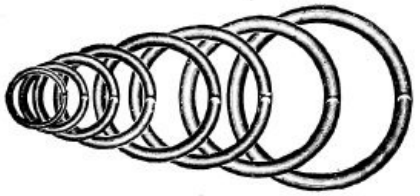
No. 350—Polished, split, assorted sizes and styles, - - - - - per dozen $0.70

ONE DOZEN ON A CARD.



No. 560—Polished, assorted sizes and styles, per dozen, - - - - - - $1.20

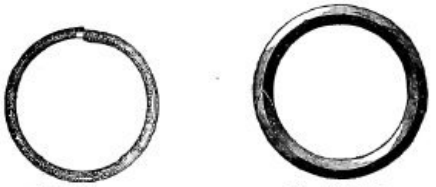
ONE DOZEN ON A CARD.



Polished Steel, for Manufacturing Purposes, in Bulk.

Nos.	06	39	02	53
Diameter,	½	5/8	¾	7/8 in.
Per gross,	$0.60	.75	1.10	1.40
Nos.	**12**	**14**	**16**	**18**
Diameter,	1	1⅛	1¼	1⅓ in.
Per gross.	$1.60	2.00	2.40	3.00

ONE GROSS IN A BOX.



No. 50. No. 7151½.

No. 200—Split, round, polished, assorted, per dozen, - - - - - - $0.30

No. 50—"The Only Key Ring," extra strong, round, full nickel plated with patent safety catch, - per dozen .40

No. 7151½—Split, square, extra, assorted, per dozen, - - - - - - .60

ONE DOZEN ON A CARD.

No. 150. No. 530.

No. 150—20th Century, round, split, highly polished, - - - per dozen $0.50

No. 530—Round, split, highly polished, assorted sizes, - - - per dozen .70

No. 400 No. 500.

No. 400—Heart polished, assorted sizes, per dozen, - - - - - - $0.80

No. 500—Puzzle, nickel plated, per dozen .90

No. 15—Gipe's, flexible, solid German silver, per dozen, - - - - - - $0.80

No plating to peel off and no rusting. The sliding lock makes it easy to put on or detach keys.

No. 6—Trusty, flexible, nickel plated, good lock which can be easily and quickly opened, - - - per dozen, $2.00

The flexible key rings are very practical, permitting the keys to lie flat in the pocket.

INK ERASERS.

No. 486.

No. 482—Miller Bros., cocoa handle, per dozen, - - - - - - - $6.00

No. 486—Miller Bros., white bone handle, per dozen, - - - - - - 7.20

HALF DOZEN IN A BOX.

No. 681.

No. 681—Miller Bros., ebony handle, per dozen, - - - - - - $7.20

No. 686—Miller Bros., white bone handle, - - - - - per dozen 8.40

No. 14311—Wostenholm's I*XL, ebony handle, crocus polished, - per dozen 8.40

HALF DOZEN IN A BOX.

No. 782.

No. 782—Miller Bros., cocoa handle, per dozen, - - - - - - - $6.40

No. 786—Miller Bros., white bone handle, per dozen, - - - - - - 7.20

HALF DOZEN IN A BOX.

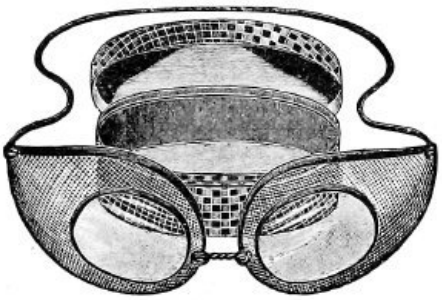
EYE SHIELDS OR GOGGLES.

Non-Strain.

No. 234—For engineers, firemen, auto-drivers, with full vision non-strain removable glasses, special adjustment aluminum frame which can be fitted perfectly to contour of the face, genuine leather lined with silk chenille binding.....per dozen $18.00

No. 235—Extra clear lens for above, per dozen pairs..... 2.00

No. 236—Extra blue or smoked lens for above.....per dozen pairs 4.00

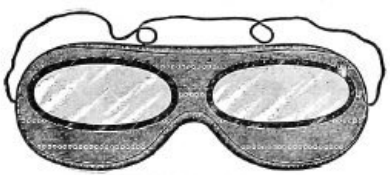


No. 1—White, green, blue, smoked or assorted lenses, japanned wire guards per dozen..... $1.50

ONE DOZEN IN A BOX.

No. 26—Aluminum cups, with ventilating holes, fitted with 1⅝ in. clear glass lenses, set in leather frame with elastic cord.....per dozen $1.70

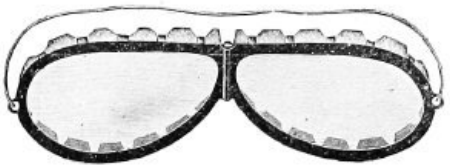
ONE DOZEN IN A BOX.



No. 25—Texas, perforated celluloid, green, blue, smoked or clear, stitched felt rim, smoked or clear mica lenses, rubber cord.....per dozen $1.00

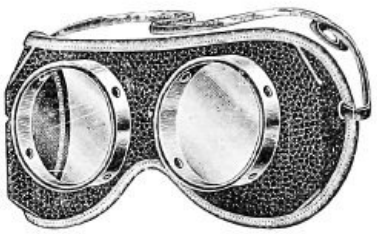
No. 30—Texas, brass wire cloth, fine mesh, stitched felt rim, smoked or clear mica lenses, rubber cord....per dozen 3.00

The green celluloid is adapted particularly for snow and water, clear celluloid for anglers, hunters, railway men, etc., the wire gauze for stone cutters, threshers, etc.



No. 20—Lamb's, mica, heavy felt ventilated rim, fine leather covered case, white, green, blue, smoked or assorted, per dozen..... $4.50

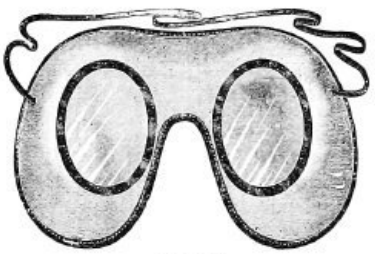
ONE DOZEN IN A BOX.



Double Bulge Extension Lines.

No. 36—Black Texatol, waterproof (better than leather), green lined, soft binding, oval glass lenses, rubber head cord, folds compactly.....per dozen $2.50

ONE DOZEN IN A BOX.



No. 40.

Mechanic's or Automobile.

No. 35—Celluloid, 1½×2¼ in. mica lenses.....per dozen $ 5.50

No. 40—Wire gauze, 1½×2¼ in. glass lenses.....per dozen 9.00

No. 45—Buff leather, 1½×2¼ in. glass lenses.....per dozen 18.00

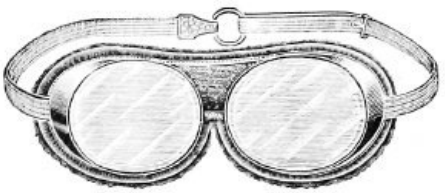
These goggles are practical and serviceable.

HALF DOZEN IN A BOX.

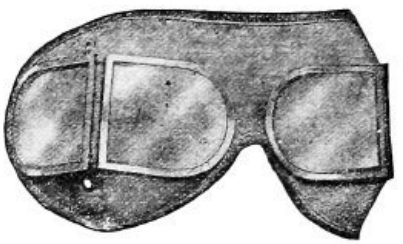
4-Light Goggles. For Horse and Auto Drivers.

No. 37—Black Texatol, waterproof (better than leather), green lined, soft binding, four horse-shoe glass lenses, rubber head cord, folds compactly, per dozen..... $8.00

ONE IN A BOX; ONE DOZEN IN A CARTON.

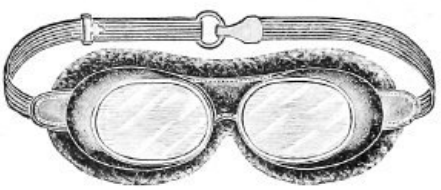


No. 6—Aluminum cups, ventilated leather center to fold, lined with leather and edged with silk chenille, extra quality, adjustable elastic band.....per dozen $10.00



No. 7—Four lenses, metal rimmed, and hinged for folding, tan leather mask with edges silk bound, extra quality, adjustable elastic band....per dozen $12.00

No. 8—Full vision, collapsible egg shaped eye cups, tan leather mask with edges silk bound, extra quality, adjustable elastic band.....per dozen $16.00



No. 5—Collapsible silk eye cups, leather nose piece, silk chenille bound, extra quality, adjustable elastic band. Ladies' size.....per dozen $17.00

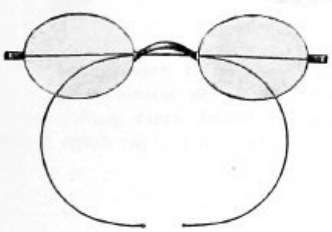
No. 9—Gents' size, otherwise same as No. 5.....per dozen 18.00

SPECTACLES, EYE GLASSES, EYE SHADES, ETC.

SPECTACLES.

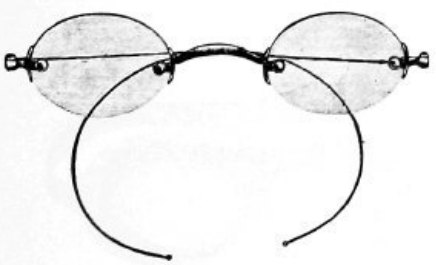
Straight Temple.

No. 600½—Nickel plated frame, common convex lenses.....per dozen $1.50
No. 500½—Nickel plated frame, medium convex lenses.....per dozen 2.60
No. 900 —White metal frame, interchangeable large white lenses, per dozen..... 3.70
No. 100 —German silver frame, extra convex lenses, large white...per dozen 4.00
No. 150 —Gilt alloy frame, extra convex lenses, large white.....per dozen 4.00
No. 602½—Nickel plated frame, smoked and blue lenses.....per dozen 2.50



Riding Bow.

No. 407½—Nickel plated frame, extra convex lenses.....per dozen $2.80
No. 107 —German silver frame, extra convex lenses, large white..per dozen 4.00
No. 157 —Gilt alloy frame, extra convex lenses, large white.....per dozen 4.00
No. 603½—Nickel plated frame, assorted smoked and blue lenses.....per dozen 3.00



Rimless Riding Bows.

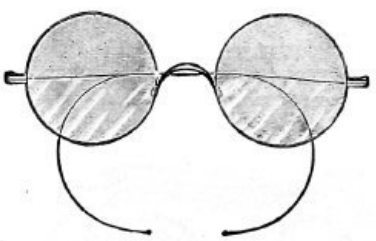
No. 610—Nickel plated mountings, superior convex lenses.....per dozen $5.50
No. 710—Gold alloy mountings, superior convex lenses.....per dozen 6.00
ONE DOZEN ASSORTED LENSES IN A BOX.

EYE GLASSES.

Rimless.

No. 950—White metal mounting, offset nose guard, large white lenses, per dozen $3.00
No. 955—Gilt alloy mounting, offset nose guard, large white lenses, per dozen 3.50

DRIVING SPECTACLES.



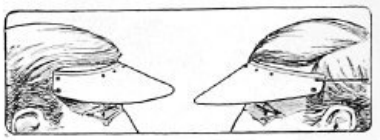
Riding Bow.

No. 18—White metal frame with screw, large round clear white lenses, per dozen $4.00
No. 19—White metal frame with screw, large clear white lenses.....per dozen 4.50
ONE DOZEN IN A BOX.

RESPIRATORS.

No. 50—Texas, green celluloid frame, wire gauze front with antiseptic Turkish doilies.....per dozen $4.00
No. 70—Aluminum frame, wire gauze front with antiseptic sponge, per dozen 8.00
ONE DOZEN IN A BOX.

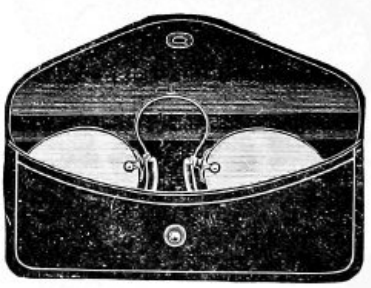
EYE SHADES.



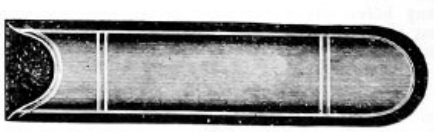
No. 55—Ameer, translucent green celluloid, bound with felt, rubber cord, two adjustments for side light...per dozen $1.40

No. 60—Kinley, translucent green celluloid, bound with felt, celluloid hood strap eyeleted, adjustable to any size head, put on and taken off as a cap, per dozen..... $2.50

EYE GLASS AND SPECTACLE CASES.



No. 1—Eyeglass case, 1¾×4 in., metal, covered with genuine kid, plush lined, fits any size eyeglass.....per dozen $3.60
No. 2—Riding bow spectacles case, fits any size riding bow spectacles, 2¼×5 in., otherwise same as No. 1..per dozen 4.00



No. 55—Straight temple spectacle case, papier-mache.....per dozen $0.50
No. 60—Straight temple spectacle case, leatherette covered, flannel lined, per dozen..... .70

No. 65—Riding bow spectacle case, leatherette covered, flannel lined, per dozen $0.70
ONE DOZEN IN A BOX.

CORK SCREWS.

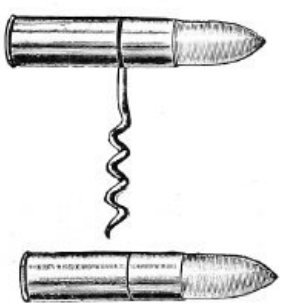
No. 40—3½ in., whitewood handle, tinned wire screw, wood protecting case, w't per doz. 1 lb.....per dozen $1.00

No. 17—4 in., tempered steel wire, nickel plated, whitewood handle, w't per doz. ¾ lb.....per dozen $3.00

No. 1642—Extra heavy cast steel tempered convex screw, nickel plated, self-pulling, with wire cutter and bottle opener, rosewood handle, w't per doz. 3 lbs.....per dozen $8.00

ONE DOZEN IN A BOX.

No. 6152—4½ in., forged steel, large round shank, with wire cutter and bottle opener, whitewood handle, w't per doz. 1¼ lbs.....per dozen $4.50



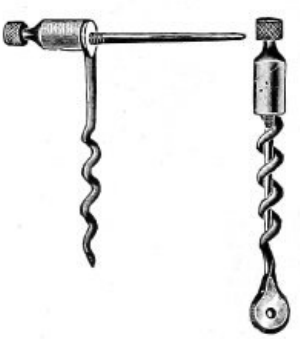
No. 80—Pocket, wire spiral screw, copper and nickel plated cartridge case, w't per doz. 1 lb.....per dozen $4.50

No. 34½—Pocket, tempered steel, wire spiral screw, duplex double and twisted wire, nickel plated, with tube handle, large, w't per doz. ¾ lb.....per dozen $4.75

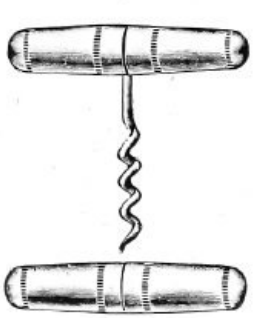
ONE DOZEN IN A BOX.

No. 241 —German, steel, spiral screw, small, w't per doz. ¾ lb....per dozen $1.20
No. 241½—German, steel, spiral screw, medium, w't per doz. 1 lb....per dozen 1.60

No. 10—Twisted wire spiral screw, nickel plated and polished, nickel plated case, small, w't per doz. ½ lb.....per dozen $2.40



No. 21—WALKER'S, pocket, nickel plated, spiral screw, w't per doz. ½ lb., per dozen..... $3.00

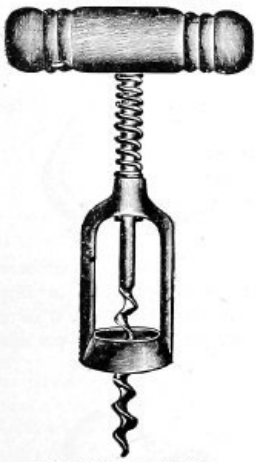


No. 270—Pocket, wire spiral screw, nickel plated barrel case, w't per doz. ¾ lb., per dozen..... $3.25

ONE DOZEN IN A BOX.

CORK SCREWS.

WALKER'S.



Hand Forged Steel.

No. 123—Convex screw, nickel plated, stained handle, with cork extractor, large, w't per doz. 3½ lbs.... per dozen $4.00

No. 243½—Convex screw, polished maple handle, large, w't per doz. 2¼ lbs., per dozen..... $4.50

No. 243 —Convex screw, nickel plated, applewood handle, large, w't per doz. 2½ lbs..... per dozen 6.00

No. 56—5¾ in., heavy cast steel, convex screw, nickel plated, will not cut or pull through cork, wire cutter and crown opener, w't per doz. 3 lbs.... per dozen $6.00

ONE DOZEN IN A BOX.

WALKER'S.

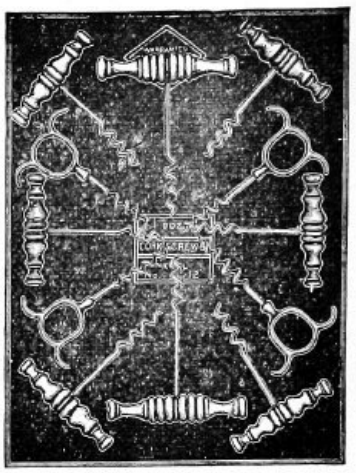
No. 116—5¼ in., heavy caststeel, round nickel plated screw, genuine buckhorn stag handle, with wire cutter and crown cap opener, w't per doz. 3 lbs., per dozen..... $12.00

ONE DOZEN IN A BOX.

No. 170—5¾ in., heavy cast steel, nickel plated convex screw, will not cut or pull through cork, extra heavy genuine buckhorn handle, with wire cutter and crown capper, w't per doz. 7 lbs..... per dozen $18.00

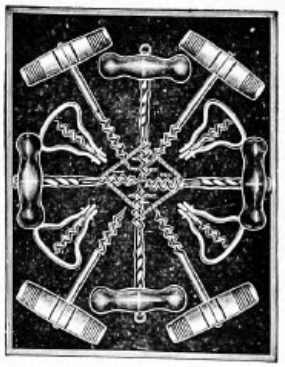
ONE IN A BOX.

The above stag handled cork screws have been added to our stock at the request of a number of our salesmen who desire something in a first class practical cork screw with better mountings than ordinary. These goods are fine, practical and up-to-date.



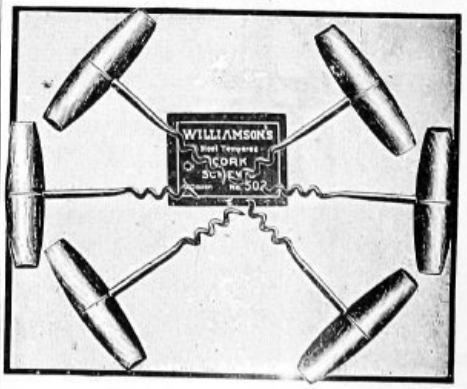
No. 425—Tempered steel wire, assorted handle, one dozen on a card, w't per doz. ¾ lbs..... per dozen $1.00

ONE DOZEN ON A CARD.



No. 435—Eight assorted colored boxwood handles, with nickel plated wire cork screws, four Delmonico nickel plated folding cork screws, all good quality steel, one dozen on a card, one in a carton, w't per doz. 1 lb., per dozen..... $1.80

ONE DOZEN ON A CARD.



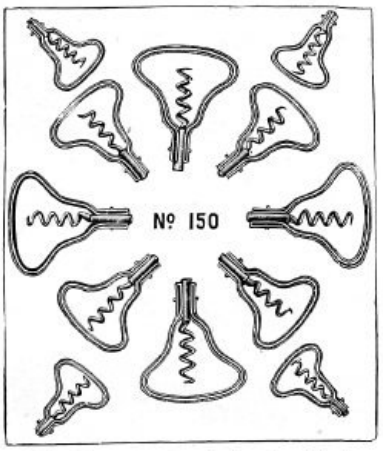
No. 502—Forged steel, nickel plated, spiral screw, maple handle, half dozen on a card, w't per doz. 1 lb., per dozen **$2.25**

HALF DOZEN ON A CARD.

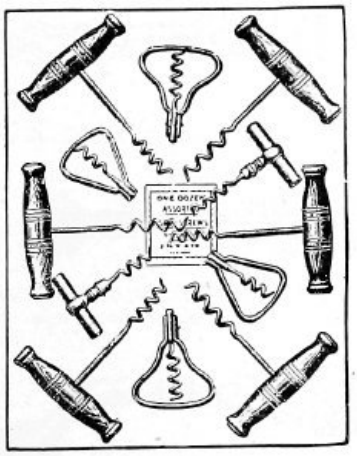
CORK SCREWS, PULLERS, ETC.

CORK SCREWS.

No. 2430—German, spiral coil, assorted, medium sizes, w't per doz. 1⅛ lbs., per dozen $1.75
ONE DOZEN ON A CARD.

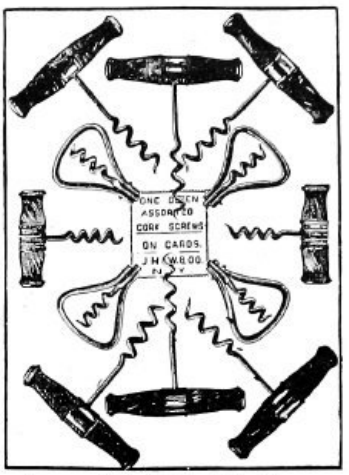


No. 150—DELMONICO, spiral coil, nickel plated, assorted, small, medium and large, w't per doz. ¾ lb.....per dozen $2.50
ONE DOZEN ON A CARD.

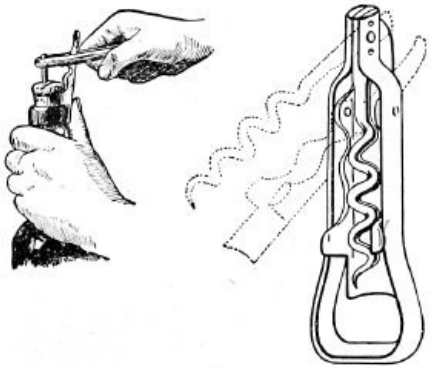


Tempered Steel Wire Spiral Screw.
No. 450—Assorted beech, rosewood and nickel plated handles, assorted sizes, w't per doz. 1 lb.....per dozen $3.50
ONE DOZEN ON A CARD.

CORK SCREWS.

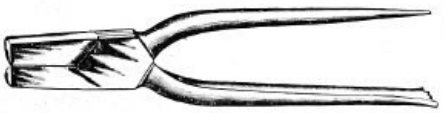


Tempered Steel Wire Spiral Screw.
No. 501—Assorted beech, rosewood and nickel plated handles, assorted sizes, w't per doz. 1 lb.....per dozen $4.00
ONE DOZEN ON A CARD.



No. 200—UNIVERSAL, lever extractor, wrought steel, finely nickel plated with cap remover and wire cutter, w't per doz. 1¼ lbs.....per dozen $4.50
A simple and effective pocket cork screw of great lever power. Besides pulling any cork with the greatest ease this article is indispensable in cap removing and wire cutting.
ONE DOZEN ON A CARD, THREE DOZEN IN A BOX.

CHAMPAGNE NIPPERS.



No. 2000—Forged steel, nickel plated, length 6¼ in., w't per doz. 3½ lbs., per dozen $13.50
HALF DOZEN IN A BOX.

CHAMPAGNE TAPS.

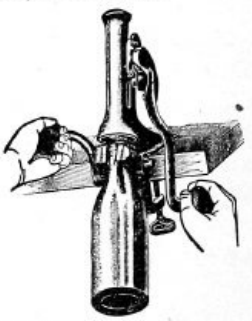
No. 2100—Nickel plated brass, length 4¾ in., w't per doz. 2 lbs.... per dozen $12.00
HALF DOZEN IN A BOX

CORK PULLERS.

Invaluable as a household article, and eliminates all danger of cutting the hands by breaking of bottle. Remarkable for its simplicity and the ease with which it can be worked. Corks are pulled almost without effort.

No. 35—YANKEE, nickel plated, convex tool steel screw, adjustable cone bearing nut, solid metal handle, can be attached to wall, w't per doz. 26 lbs., per dozen $25.00
Extra Cork Screws,.....each .60
ONE IN A BOX, WITH SCREWS.

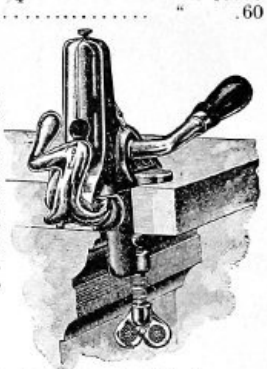
With a slight pressure on the handle of the clasp, the bottle is firmly held in position while cork is being drawn, which prevents all possibility of injury to the operator. Wires are cut when cork is pulled. Cork can be reinserted, if desired, to any depth.



No. 26—WALKER'S "QUICK AND EASY," nickel plated, with rubber cushioned bottle clasp attachment, w't 10 lbs., each $5.50
Extra Cork Screws,..... " .60
ONE IN A WOOD BOX.

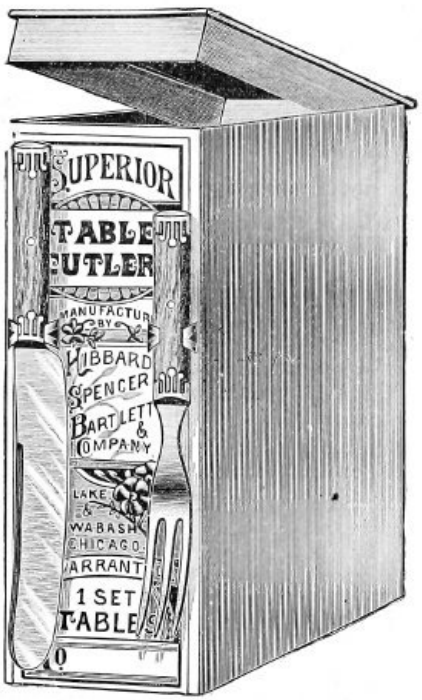
No. 30—PHŒNIX, nickel plated and polished, steel cork screw, polished ebonized handle, w't 4¼ lbs.....each $3.50
Extra Cork Screws,..... " .60

With a slight pressure on the handle of the clasp, the bottle is firmly held in position while cork is being drawn, which prevents all possibility of injury to the operator. Cork can be reinserted, if desired, to any depth.



No. 45—DAISY, nickel plated and polished, steel cork screw, polished ebonized handle, with adjustable bottle holder and wire cutter, w't 8 lbs.....each $9.00
Extra Cork Screws,..... " .60
ONE IN A WOOD BOX.

CUTLERY SAMPLE BOXES.



Knife.

Scissor and Shear.

Razor.

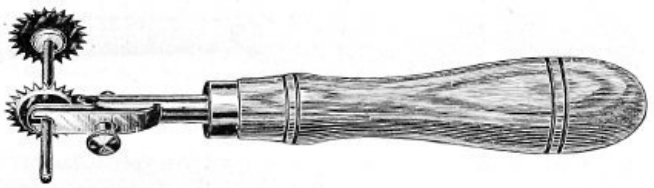
Heavy Cardboard, Leatherette Covered, Removable Wood Plush Cover Top, For Show-Case Display.

No. 400—Pocket knife, length 4½ in., width 2½ in., height 2¼ in., - per dozen $2.40
No. 401—Razor, length 7¼ in., width 2½ in., height 2¼ in., - - - " 3.60
No. 402—Scissor and shear, length 6¾ in., width 3 in., height 2¼ in., - " 3.60
No. 403—Scissor and shear, length 7¾ in., width 3 in., height 2¼ in., - " 3.60
No. 404—Scissor and shear, length 8¾ in., width 3 in., height 2¼ in., - " 3.60
No. 405—Scissor and shear, length 10½ in., width 3½ in., height 2¼ in., - " 4.80

No. 1—Table cutlery boxes, with brass clasps, labeled, size 8½ in. long, 3½ in. wide, 10½ in. high, - - - - " 2.40

TRACING WHEELS.

No. 1—Single wheel, cast steel, - - - per dozen $0.60



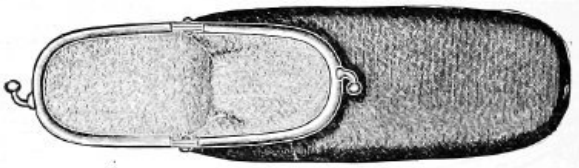
No. 2—Double wheel, adjustable, cast steel, - per dozen $1.50

No. 3—Single wheel, nickel plated cast steel shank, enameled wood handle, - - - - per dozen $1.50

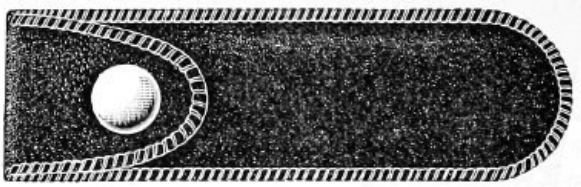
No. 4—Single wheel, nickel plated bent cast steel shank, and ferrule, white ash handle, - - - per dozen $4 00

ONE DOZEN IN A BOX.

KNIFE POCKETS.



No. M1—3 in., undressed kid, silk stitching, - per dozen $1.75
No. M2—3⅜ in., undressed kid, silk stitching, - " 1.75
No. M3—3½ in., undressed kid, silk stitching, - " 1.75
No. M4—4 in., undressed kid, silk stitching, - " 1.75
No. M5—4¼ in., undressed kid, silk stitching, - " 1.75



With Nickel Plated Button Clasp.

No. RB1—2½ in., fine imported smooth kid, silk stitching, per dozen, - - - - - - - - $1.75
No. RB2—2⅞ in., fine imported smooth kid, silk stitching, per dozen, - - - - - - - - 1.75
No. RB3—3¼ in., fine imported smooth kid, silk stitching, per dozen, - - - - - - - - 1.75
No. RB4—3¾ in., fine imported smooth kid, silk stitching, per dozen, - - - - - - - - 1.75
No. RB5—4 in., fine imported smooth kid, silk stitching, per dozen, - - - - - - - - 1.75

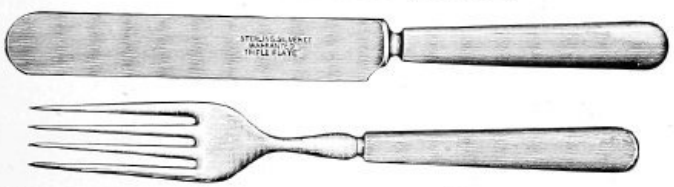
THREE DOZEN IN A BOX.

KNIVES AND FORKS.

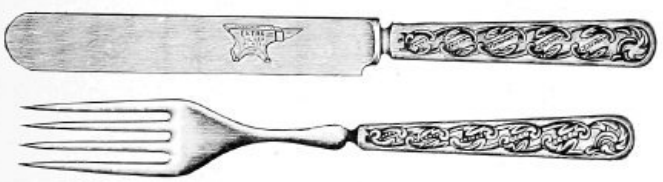
TINNED STEEL.

No. 6600—Square handle medium knives, solid handle, per single gross, - - - - - - - - $18.00
No. 6900—Knives and forks, square handle medium knives, tipped spoon handle forks, - - - per single gross 12.00
No. 6600—Forks only, square handle, medium, per single gross, - - - - - - - - - 18.00

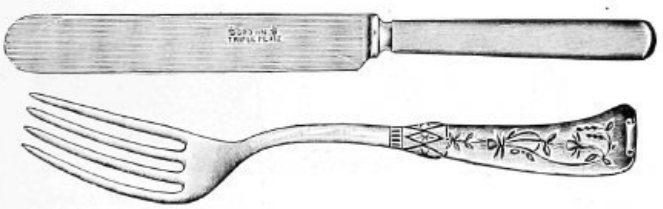
SILVER PLATED STEEL.



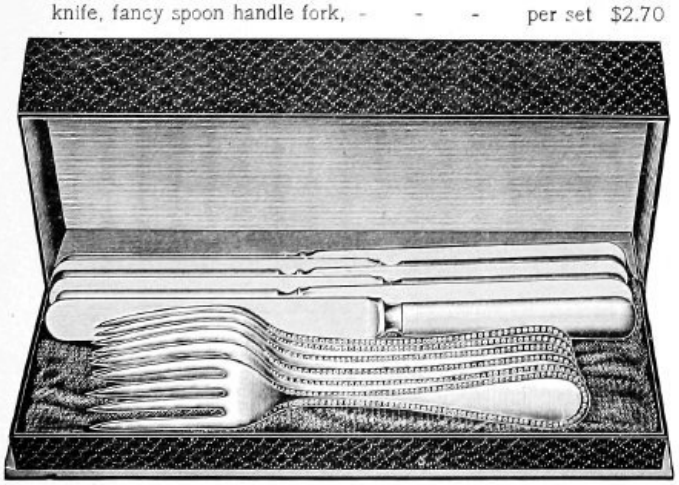
No. 100—Medium knives and forks, round end, - per set $2.50
No. 100—Medium knives only, round end, - per dozen 2.50



No. 101—Medium knives and forks, round end, fancy handle, per set, - - - - - - - - - - $3.00



Crown—Medium knives and forks, round end, solid handle knife, fancy spoon handle fork, - - - per set $2.70



No. 500—Medium knives and forks, round end knives, beaded spoon handle forks, one set in black leatherette lined case, - - - - - - per set $2.50

"OUR VERY BEST," PURE SILVER METAL.

No. 2000—Medium knives only, cimeter swaged blades, round end, - - - - - - - - per dozen $5.00
No. 2001—Dessert knives and forks, straight blades, round end, - - - - - - - - per set 3.80
No. 2002—Medium knives and forks, cimeter swaged blades, round end, - - - - - - - - per set 4.00

Cimeter Swaged Blades.

No. 2003—Medium knives and forks, round end, beaded handle, - - - - - - - - - per set $4.00

WM. ROGERS' SILVER METAL.

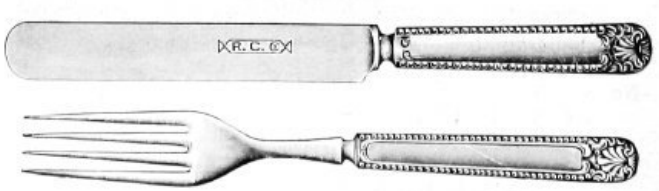
Round End Handle, Cimeter Swaged Blade.

No. 1800—Medium knives, - - - per dozen $4.00
No. 1801—Medium forks, - - - - " 4.00
No. 1802—Medium knives and forks, - - per set 4.00

ROGERS CUTLERY CO'S SILVER PLATED STEEL.

Square Handle.

No. 1700—Medium knives, - - - per dozen $4.00
No. 1701—Medium forks, - - - - " 4.00
No. 1702—Medium knives and forks, - - per set 4.00



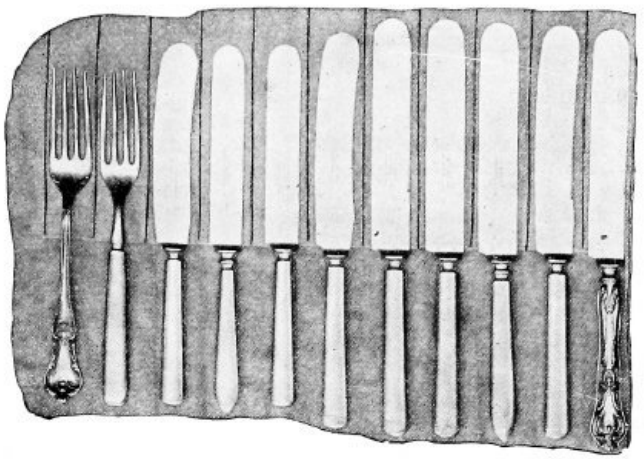
Orleans Pattern Handle.

No. 1900—Medium knives, - - - per dozen $4.20
No. 1901—Medium forks, - - - " 4.20
No. 1902—Medium knives and forks, - - per set 4.20

KNIVES AND FORKS SEPARATE HALF DOZEN; IN SETS, HALF DOZEN EACH IN A BOX

SPECIAL STAMP SILVER PLATED KNIVES AND FORKS.

Goods to be stamped with customer's name and address. No order for less than one gross, either assorted or of one kind will be accepted. They are made up at factory after order is received.



TRIPLE PLATED SILVER KNIVES AND FORKS.

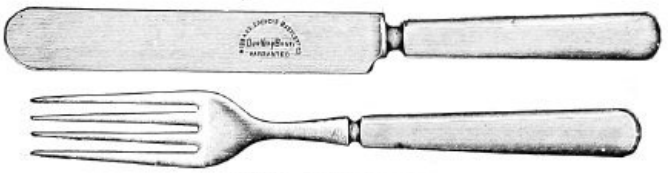
Guaranteed 12 dwts. of Pure Silver to Every Dozen Medium Knives and Forks.

No. 1150—Medium knives, hollow handle, straight blade swaged,	per dozen	$16.00
No. 1152—Medium forks, spoon handle, triple plated on white metal,	"	13.00
No. 1106—Medium knives, round end handle, cimeter and swaged blade,	"	5.40
No. 1107—Medium knives and forks, round end handle, knives cimeter and swaged blade,	per set	5.20
No. 1108—Medium knives, windsor handle, straight blade swaged,	per dozen	5.00
No. 1109—Medium forks, windsor handle to match No. 1108 knives,	"	5.00
No. 1110—Medium knives and forks, windsor handle,	per set	5.00
No. 1121—Medium knives, shell satin handle, straight blade swaged,	per dozen	5.20
No. 1122—Medium forks, shell satin handle to match No. 1121 knives,	"	5.20
No. 1123—Medium knives and forks, shell satin handle, knives straight blade swaged,	per set	5.20
No. 1100—Medium knives, round end handle, straight blade swaged,	per dozen	5.00
No. 1101—Medium forks, round end handle to match No. 1100 knives,	"	5.00
No. 1102—Medium knives and forks, round end handle, knives straight blade swaged,	per set	5.00
No. 1131B—Breakfast knives, round end handle, cimeter and swaged blade,	per dozen	5.20
No. 1132—Breakfast forks, round end handle to match No. 1131 knives,	"	4.80
No. 1103—Dessert knives, round end handle, straight blade swaged,	"	4.80
No. 1104—Dessert forks, round end handle to match No. 1103 knives,	"	4.80
No. 1105—Dessert knives and forks, round end handle, knives straight blade swaged,	per set	4.80
No. 1112—Dessert knives, windsor handle, straight blade swaged,	per dozen	4.80
No. 1113—Dessert forks, windsor handle to match No. 1112 knives,	"	4.80
No. 1127—Dessert knives, round end handle, cimeter and swaged blade,	"	5.20

No. 1202C—A genuine antique, solid oak case, hand oiled finish, containing six each of "Our Very Best" triple plated, 12 dwt. knives and forks, per set $5.70

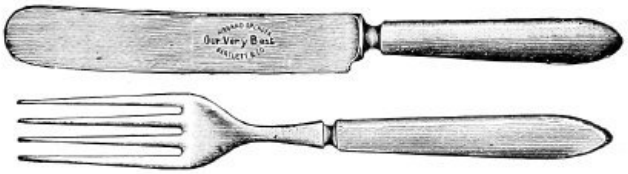
These knives and forks are made of the highest quality of silver plated ware and the handsome oak box is a lasting receptacle for any housewife in which to keep these goods.

OVB SILVER PLATED KNIVES AND FORKS.



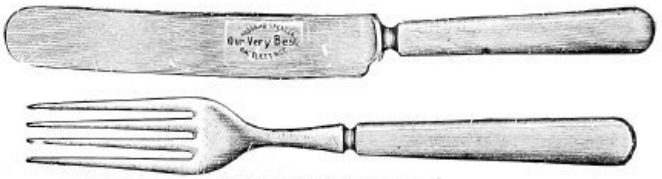
"OUR VERY BEST."

No. 1200—Medium knives, triple plated on finest crucible steel, burnished round end handle.....per dozen $5.00
No. 1201—Medium forks, triple plated on nickel silver, burnished round end handle.....per dozen 5.00
No. 1202—Medium knives and forks, set consists of 6 No. 1200 knives and 6 No. 1201 forks, as described above.....per set 5.00
No. 1240—Medium knives, quadruple plated on finest crucible steel, burnished round end handle.....per dozen 6.00
No. 1241—Medium forks, quadruple plated on nickel silver, burnished round end handle.....per dozen 6.00
No. 1242—Medium knives and forks, set consists of 6 No. 1240 knives and 6 No. 1241 forks, as described above.....per set 6.00
No. 1270—Medium knives, quintuple plated on finest crucible steel, burnished round end handle.....per dozen 7.00
No. 1271—Medium forks, quintuple plated on nickel silver, burnished round end handle.....per dozen 7.00
No. 1272—Medium knives and forks, set consists of 6 No. 1270 knives and 6 No. 1271 forks, as described above.....per set 7.00
No. 1203—Dessert knives, triple plated on finest crucible steel, burnished round end handle.....per dozen 4.80
No. 1204—Dessert forks, triple plated on nickel silver, burnished round end handle.....per dozen 4.80



"OUR VERY BEST."

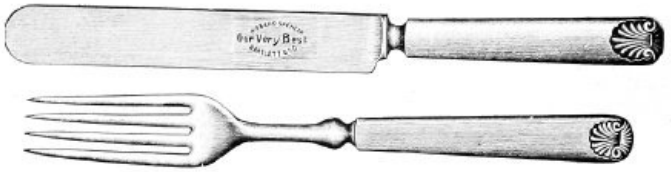
No. 1208—Medium knives, triple plated on finest crucible steel, cimeter swaged blade, burnished Windsor handle, per dozen $5.00
No. 1209—Medium forks, triple plated on nickel silver, burnished Windsor handle.....per dozen 5.00
No. 1210—Medium knives and forks, set consists of 6 No. 1208 knives and 6 No. 1209 forks, as described above.....per set 5.00



"OUR VERY BEST."

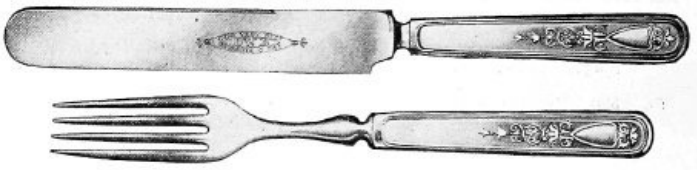
No. 1206—Medium knives, triple plated on finest crucible steel, cimeter swaged blade, burnished round end handle, per dozen $5.40
No. 1207—Medium knives and forks, set consists of 6 No. 1206 knives and 6 forks, triple plated on nickel silver.....per set 5.20
No. 1246—Medium knives, quadruple plated on finest crucible steel, cimeter swaged blade, burnished round end handle, per dozen..... 6.40
No. 1247—Medium knives and forks, set consists of 6 No. 1246 knives and 6 forks, quadruple plated on nickel silver, per set 6.20
No. 1276—Medium knives, quintuple plated on finest crucible steel, cimeter swaged blade, burnished round end handle, per dozen..... 7.40
No. 1277—Medium knives and forks, set consists of 6 No. 1276 knives and 6 forks, quintuple plated on nickel silver...per set 7.20
No. 01205½—Breakfast knives, triple plated on finest crucible steel, cimeter swaged blade, burnished round end handle, per dozen..... 5.20
No. 01205—Breakfast knives and forks, set consists of 6 No. 01205½ knives and 6 forks, triple plated on nickel silver, per set..... 5.00

KNIVES AND FORKS SEPARATE, HALF DOZEN; IN SETS HALF DOZEN EACH IN A BOX.



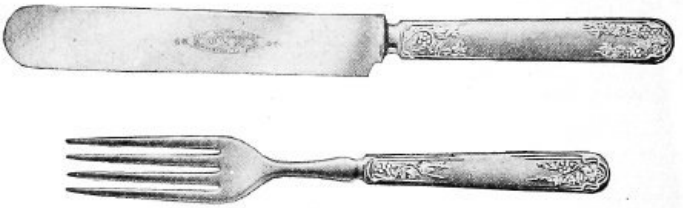
"OUR VERY BEST."

No. 1221—Medium knives, triple plated on finest crucible steel, satin shell handle.....per dozen $5.20
No. 1222—Medium forks, triple plated on nickel silver, satin shell handle.....per dozen 5.20
No. 1223—Medium knives and forks, set consists of 6 No. 1221 knives and 6 No. 1222 forks, as described above.....per set 5.20
No. 1263—Medium knives, quadruple plated on finest crucible steel, satin shell handle.....per dozen 6.20
No. 1264—Medium forks, quadruple plated on nickel silver, satin shell handle.....per dozen 6.20
No. 1283—Medium knives, quintuple plated on finest crucible steel, satin shell handle.....per dozen 7.20
No. 1284—Medium forks, quintuple plated on nickel silver, satin shell handle.....per dozen 7.20



"OUR VERY BEST."

No. 1233—PILGRIM, medium knives, triple plated on finest crucible steel, French gray finish.....per dozen $6.00
No. 1234—PILGRIM, medium knives and forks, set consists of 6 No. 1233 knives and 6 forks, triple plated on nickel silver, per set 6.00



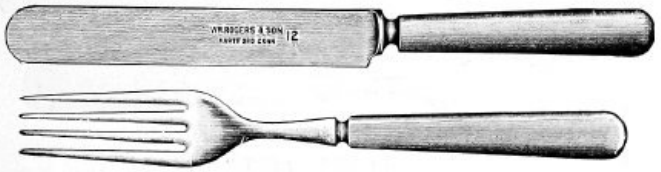
"OUR VERY BEST."

No. 1231—VINEYARD, medium knives, triple plated on finest crucible steel, French gray finish.....per dozen $6.00
No. 1232—VINEYARD, medium knives and forks, set consists of 6 No. 1231 knives and 6 forks, triple plated on nickel silver, per set..... 6.00

KNIVES AND FORKS SEPARATE, HALF DOZEN; IN SETS, HALF DOZEN EACH IN A BOX.

SILVER PLATED KNIVES AND FORKS.

WM. ROGERS & SON'S.



No. 1500—Medium knives, triple plated on finest crucible steel, burnished round end handle.....per dozen $6.00

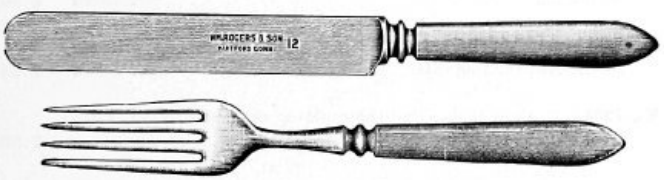
No. 1501—Medium forks, triple plated on nickel silver, burnished round end handle.....per dozen 6.00

No. 1502—Medium knives and forks, set consists of 6 No. 1500 knives and 6 No. 1501 forks, as described above.....per set 6.00

No. 1503—Dessert knives, triple plated on finest crucible steel, burnished round end handle.....per dozen 5.80

No. 1504—Dessert forks, triple plated on nickel silver, burnished round end handle.....per dozen 5.80

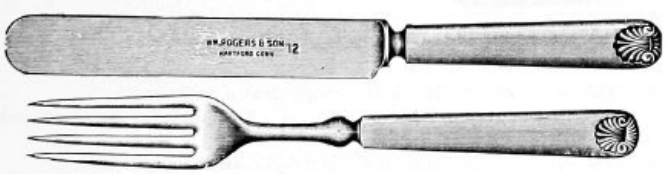
No. 1505—Dessert knives and forks, set consists of 6 No. 1503 knives and 6 No. 1504 forks, as described above.....per set 5.80



No. 1508—Medium knives, triple plated on finest crucible steel, burnished Windsor handle.....per dozen $6.00

No. 1509—Medium forks, triple plated on nickel silver, burnished Windsor handle.....per dozen 6.00

No. 1510—Medium knives and forks, set consists of 6 No. 1508 knives and 6 No. 1509 forks, as described above.....per set 6.00

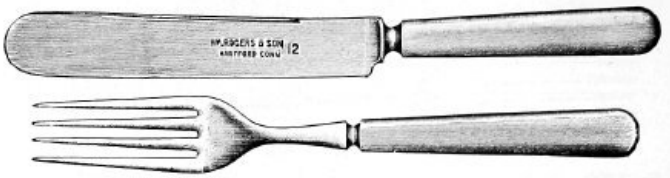


No. 1521—Medium knives, triple plated on finest crucible steel, satin shell handle.....per dozen $6.20

No. 1522—Medium forks, triple plated on nickel silver, satin shell handle.....per dozen 6.20

No. 1523—Medium knives and forks, set consists of 6 No. 1521 knives and 6 No. 1522 forks, as described above.....per set 6.20

KNIVES AND FORKS SEPARATE, HALF DOZEN; IN SETS, HALF DOZEN EACH IN A BOX.

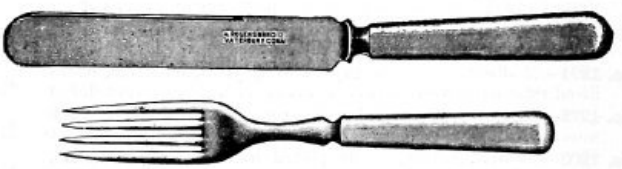


No. 1506—Medium knives, triple plated on finest crucible steel, cimeter swaged blade, burnished round end handle, per dozen $6.40

No. 1507—Medium knives and forks, set consists of 6 No. 1506 knives and 6 forks, triple plated on nickel silver, burnished round end handle.....per set 6.20

KNIVES AND FORKS SEPARATE, HALF DOZEN; IN SETS, HALF DOZEN EACH IN A BOX.

★ ROGERS & BRO.



No. 1300—Medium knives, triple plated on finest crucible steel, burnished round end handle.....per dozen $6.00

No. 1301—Medium forks, triple plated on nickel silver, burnished round end handle.....per dozen 6.00

No. 1302—Medium knives and forks, set consists of 6 No. 1300 knives and 6 No. 1301 forks, as described above.....per set 6.00

No. 1303—Dessert knives, triple plated on finest crucible steel, burnished round end handle.....per dozen 5.80

No. 1304—Dessert forks, triple plated on nickel silver, burnished round end handle.....per dozen 5.80

No. 1305—Dessert knives and forks, set consists of 6 No. 1303 knives and 6 No. 1304 forks, as described above.....per set 5.80

No. 1317—Medium knives and forks, set consists of 6 knives, triple plated on finest crucible steel, 6 forks triple plated on nickel silver, satin round end handles.....per set 6.00

No. 1306—Medium knives, triple plated on finest crucible steel, cimeter swaged blade, burnished round end handle, per dozen $6.40

No. 1307—Medium knives and forks, set consists of 6 No. 1306 knives and 6 forks, triple plated on nickel silver, burnished round end handle.....per set 6.20

No. 1323—Medium knives and forks, set consists of 6 knives, triple plated on finest crucible steel, 6 forks triple plated on nickel silver, satin shell handles.....per set $6.20

KNIVES AND FORKS SEPARATE, HALF DOZEN; IN SETS, HALF DOZEN EACH IN A BOX.

"1847 ROGERS BROS." SILVER PLATED KNIVES AND FORKS.

Half size cuts.

No. 1600—Medium knives, triple plated on finest crucible steel, burnished round end handle.....per dozen $6.70
No. 1603—Dessert knives, triple plated on finest crucible steel, burnished round end handle.....per dozen 6.50
No. 1601—Medium forks, triple plated on nickel silver, burnished round end handle.....per dozen 6.70
No. 1617—Medium knives and forks, triple plated on finest crucible steel, satin round end handle.....per set 6.70
No. 1604—Dessert forks, triple plated on nickel silver, burnished round end handle.....per dozen 6.50

No. 1606—Medium knives, triple plated on finest crucible steel, scimiter swaged blade, burnished round end handle..per dozen $7.10
No. 1607—Medium knives and forks, triple plated on finest crucible steel, scimiter swaged blade, burnished round end handle, per set..... 6.90
No. 1627—Dessert knives, triple plated on finest crucible steel, scimiter swaged blade, burnished round end handle..per dozen 6.90

No. 1608—Medium knives, triple plated on finest crucible steel, burnished Windsor handle.....per dozen $6.70
No. 1610—Medium knives and forks, triple plated on finest crucible steel, burnished Windsor handle.....per set 6.70
No. 1611—Dessert knives, triple plated on finest crucible steel, burnished Windsor handle.....per dozen 6.50
No. 1609—Medium forks, triple plated on nickel silver, burnished Windsor handle.....per dozen 6.70
No. 1612—Dessert forks, triple plated on nickel silver, burnished Windsor handle.....per dozen 6.50

No. 1621—Medium knives, triple plated on finest crucible steel, satin shell handle.....per dozen $6.90
No. 1643—Dessert knives, triple plated on finest crucible steel, satin shell handle.....per dozen 6.70
No. 1622—Medium forks, triple plated on nickel silver, satin shell handle.....per dozen 6.90
No. 1644—Dessert forks, triple plated on nickel silver, satin shell handle.....per dozen 6.70

No. 1631—Medium knives, triple plated on finest crucible steel, fancy burnished handle.....per dozen $6.90
No. 1632—Medium forks, triple plated on nickel silver, fancy burnished handle.....per dozen 6.90

No. 1684—Vintage, medium knives triple plated on finest crucible steel, French gray handle.....per dozen $7.20
No. 1685—Vintage, dessert knives, triple plated on finest crucible steel, French gray handle.....per dozen 7.00

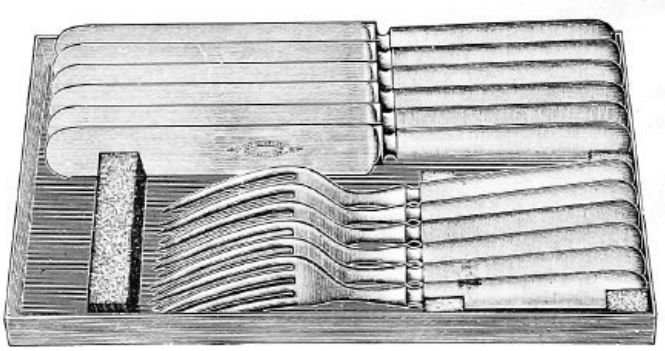
No. 1690—Charter Oak, medium knives, triple plated on finest crucible steel, scimiter swaged blade, nickel silver hollow handle, French gray finish.....per dozen $17.30
No. 1691—Charter Oak, dessert knives, triple plated on finest crucible steel, scimiter swaged blade, nickel silver hollow handle, French gray finish.....per dozen 15.10
No. 1692—Charter Oak, medium forks, triple plated on nickel silver, French gray hollow handle.....per dozen 17.30
No. 1693—Charter Oak, dessert forks, triple plated on nickel silver, French gray hollow handle.....per dozen 15.10

KNIVES AND FORKS SEPARATE, HALF DOZEN IN A BOX; IN SETS, HALF DOZEN EACH IN A BOX.

No. 1670—Avon, medium knives, triple plated, finest crucible steel, scimiter swaged blade, hollow nickel silver handle, per dozen..... $17.30
No. 1671—Avon, dessert knives, triple plated, finest crucible steel, scimiter swaged blade, hollow nickel silver handle, per dozen..... 15.10
No. 1672—Avon, medium forks, triple plated on nickel silver, hollow handle.....per dozen 17.30
No. 1673—Avon, dessert forks, triple plated on nickel silver, hollow handle.....per dozen 15.10

No. 1650—Berkshire, medium knives, triple plated, finest quality crucible steel, scimiter swaged blade, hollow nickel silver handle.....per dozen $17.30
No. 1651—Berkshire, dessert knives, triple plated, finest quality crucible steel, scimiter swaged blade, hollow nickel silver handle.....per dozen 15.10
No. 1652—Berkshire, medium forks, triple plated on nickel silver, hollow handle.....per dozen 17.30
No. 1653—Berkshire, dessert forks, triple plated on nickel silver, hollow handle.....per dozen 15.10

No. 1680—Vintage, medium knives, triple plated, finest quality crucible steel, scimiter swaged blade, French gray, hollow nickel silver handle.....per dozen $17.30
No. 1681—Vintage, dessert knives, triple plated, finest quality crucible steel, scimiter swaged blade, French gray, hollow nickel silver handle.....per dozen 15.10
No. 1682—Vintage, medium forks, triple plated on nickel silver, French gray, hollow handle.....per dozen 17.30
No. 1683—Vintage, dessert forks, triple plated on nickel silver, French gray, hollow handle.....per dozen 15.10



No. 1602—Combination box, containing half dozen each No. 1600 medium knives and No. 1601 medium forks, with round end handles.....per set $6.70

KNIVES AND FORKS SEPARATE, HALF DOZEN IN A BOX; IN SETS, HALF DOZEN EACH IN A BOX.

A SET CONSISTS OF ONE DOZEN, SIX KNIVES AND SIX FORKS.

SOLID HANDLE KNIVES AND FORKS.

Black Rubber Handle.

No. 86—Medium knives, - - - - per dozen $5.50
No. 86—Dessert knives, - - - - " 5.00
No. 86—Medium knives and forks, - - per set 5.50

Black Rubber Handle.

No. 7701—Medium knives, - - - per dozen $5.50
No. 7701—Medium knives and forks, - - per set 5.50

Black Rubber Handle.

No. 80—Medium knives, - - - - per dozen $6.00
No. 80—Dessert knives, - - - - " 5.50
No. 80—Medium knives and forks, - - per set 6.00

Black Rubber Handle.

No. 81—Medium knives, - - - - per dozen $6.50
No. 81—Dessert knives, - - - - " 6.00
No. 81—Medium knives and forks, - - per set 6.50

Black Rubber Handle.

No. 702C—Medium knives, - - - per dozen $6.00
No. 702C—Medium knives and four tine forks, per set 6.00

Black Rubber Handle.

No. 707C—Medium knives, - - - per dozen $6.50
No. 707C—Medium knives and four tine forks, per set 6.50

Black Rubber Handle.

No. 545C—Medium knives, - - - per dozen $6.70

Black Rubber Handle.

No. 5345C—Medium knives, - - - per dozen $7.25

ONE DOZEN IN A BOX.

Solid White Bone Handle.

No. 9112—Medium knives, - - - per dozen $4.50
No. 9112—Medium knives and forks, - - per set 4.50

Solid Ivoride Handle.

No. 238—Medium knives, - - - - per dozen $8.00
No. 248—Dessert knives, - - - - " 7.50

Solid Zylonite Handle.

No. 4257—Medium knives, - - - per dozen $10.50
No. 4257—Dessert knives, - - - " 8.50

No. 2112—Medium knives, solid white celluloid handle, per dozen - - - - - - - - $6.50
No. 4211—Medium knives and forks, solid grained celluloid handle, ivory effect, - - - - per set 7.00

Solid Grained Celluloid Handle.

No. 845C—Medium knives, - - - per dozen $9.60

Solid Grained Celluloid Handle.

No. 8745C—Medium knives, - - - per dozen $11.35

Solid Ivory Handle.

No. 141—Medium knives, - - - - per dozen $12.00

Solid Ivory Handle.

No. 151—Medium knives, - - - - per dozen $18.00

ONE DOZEN IN A BOX.

A set of knives and forks consists of six knives and six forks.

KNIVES AND FORKS.

KNIVES AND FORKS.

New Ivoroy Handle.

No. M654—Medium knives, 4¼ in. handle, polished steel blade, per dozen. $11.10

No. D654—Dessert knives, 3¾ in. handle, polished steel blade, per dozen. 10.40

No. M1654—Medium knives, 4¼ in. handle, triple silver plated blades. . . . . per dozen 15.25

No. D1654—Dessert knives, 3¾ in. handle, triple silver plated blades. . . . . per dozen 14.55

No. M1654—Medium forks, to match either Nos. M654 or M1654 medium knives, solid nickel silver 4 tined and triple silver plated . . . . . per dozen 11.10

No. D1654—Dessert forks, to match either Nos. D654 or D1654 dessert knives, solid nickel silver 4 tined and triple silver plated. . . . . per dozen 11.10

Ivoroy is a new material that approximates genuine ivory in color, grain and density. For use as handles on cutlery it is superior to any other substance. It is warranted not to discolor, crack or loosen from the blades. The designs and shapes of handles and blades are distinctive and artistic.

ONE DOZEN IN FANCY LINED BOX.

Ivory Grain Celluloid Handle.

No. C1753—Medium knives, 3⅝ in. handle, triple silver plated blade. . . . . per dozen $12.00

No. C1753—Medium forks to match No. C1753 medium knives, 4 tined and triple silver plated. . . . . per dozen 11.35

ONE DOZEN IN FANCY LINED BOX.

FRUIT OR BERRY FORKS.

Pearl Handle.

No. 1739—2 in. pearl handle, sterling silver ferrule, solid nickel silver tines, triple silver plated. . . . . per dozen $16.25

HALF DOZEN IN SATIN LINED BOX.

OYSTER FORKS.

Pearl Handle.

No. 1739—2¼ in. pearl handle, sterling silver ferrule, solid nickel silver tines, triple silver plated. . . . . per dozen $18.75

HALF DOZEN IN SATIN LINED BOX.

OLIVE OR PICKLE FORKS.

Pearl Handle.

No. 1739—2⅜ in. pearl handle, sterling silver ferrule, solid nickel silver tines, triple silver plated. . . . . per dozen $21.00

ONE IN SATIN LINED BOX.

FRUIT KNIVES.

Pearl Handle, Sterling Silver Ferrule, Triple Plated Blade.

No. 1735—2 in. pearl handle. . . . . per dozen $13.00

No. 1739—2¼ in. pearl handle. . . . . " 16.25

No. 1736—2⅛ in. pearl handle. . . . . " 14.00

HALF DOZEN IN FANCY LINED BOX.

Pearl Handle, Sterling Silver Ferrule.

No. 1701—2¼ in. selected pearl handle, triple silver plated blade, per dozen. $16.25

HALF DOZEN IN FANCY LINED BOX.

Pearl Handle, Sterling Silver Ferrule.

No. 1741—2¼ in. selected pearl handle, triple silver plated blades, per dozen. $18.75

HALF DOZEN IN FANCY LINED BOX.

Pearl Handle, Solid Steel Bolster.

No. 1713—2⅛ in. selected pearl handle, triple plated blade, per dozen. $20.00

HALF DOZEN IN FANCY LINED BOX.

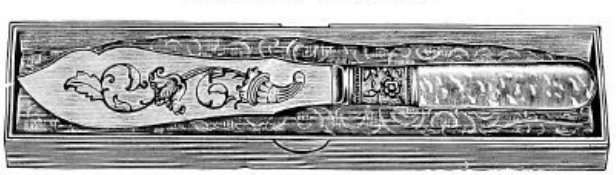
ORANGE KNIVES.

Pearl Handle.

No. 1739—2⅜ in. pearl handle, sterling silver ferrule, triple plated blade. . . . . per dozen $18.75

HALF DOZEN IN FANCY LINED BOX.

BUTTER KNIVES.



Pearl Handle.

No. 1706—2⅛ in. pearl handle, sterling silver ferrule, triple plated blade. . . . . per dozen $21.00

ONE IN A LINED BOX.

PEARL HANDLE KNIVES AND FORKS.

Sterling Silver Ferrule, Triple Plated Blade.

No. M17646—Medium knives, 2½ in. pearl handle.....per dozen $23.00
No. D17646—Dessert knives, 2¼ in. pearl handle..... " 18.00
No. M17646—Medium forks, to match No. M17646 knives " 23.00
No. D17646—Dessert forks, to match No. D17646 knives " 23.00

Sterling Silver Ferrule, Triple Plated Blade.

No. M1737—Medium knives, 2⅝ in. pearl handle.....per dozen $25.00
No. D1737—Dessert knives, 2⅜ in. pearl handle..... " 22.50
No. M1737—Medium forks, to match No. M1737 knives. " 23.75
No. D1737—Dessert forks, to match No. D1737 knives.. " 23.75
No. M1738—Medium knives, 2¾ in. pearl handle..... " 27.50
No. D1738—Dessert knives, 2½ in. pearl handle..... " 22.50
No. M1738—Medium forks, to match No. M1738 knives. 23.75
No. D1738—Dessert forks, to match No. D1738 knives. " 23.75
No. M1739—Medium knives, 3 in. pearl handle..... " 30.00
No. D1739—Dessert knives, 2⅝ in. pearl handle..... " 25.00
No. M1739—Medium forks, to match No. M1739 knives. " 26.25
No. D1739—Dessert forks, to match No. D1739 knives.. " 26.25

Sterling Silver Ferrule, Triple Plated Blade.

No. M1701—Medium knives, 3 in. pearl handle.....per dozen $37.50
No. D1701—Dessert knives, 2⅝ in. pearl handle..... " 30.00
No. M1701—Medium forks, to match No. M1701 knives. " 31.25
No. D1701—Dessert forks, to match No. D1701 knives.. ' 31.25

Heavy Sterling Silver Ferrule, Triple Plated Blade.

No. M1798—Medium knives, 3 in. pearl handle.. ....per dozen $40.00
No. D1798—Dessert knives, 2⅝ in. pearl handle..... " 33.75
No. M1798—Medium forks, to match No. M1798 knives. " 33.75
No. D1798—Dessert forks, to match No. D1798 knives 33.75

Solid Steel Bolster, Triple Plated Blade.

No. M1713½—Medium knives, 3⅜ in. pearl handle.... per dozen $37.50
No. D1713½—Dessert knives, 3 in. pearl handle..... " 32.00

ONE DOZEN IN FANCY LINED BOX.

Sterling Silver Ferrule, Triple Plated French Blade.

No. M17812—Medium knives, 3½ in. pearl handle.....per dozen $50.00
No. D17812—Dessert knives, 3 in. pearl handle..... " 41.25
No. M17812—Medium forks, to match No. M17812 knives " 44.00
No. D17812—Dessert forks, to match No. D17812 knives " 44.00

HALF DOZEN IN SILK LINED BOX.

Sterling Silver Ferrule, Triple Plated Blade.

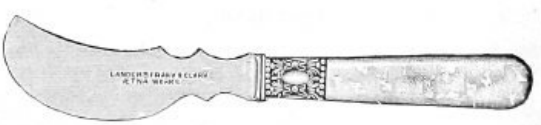
No. M17911—Medium knives, 3¼ in. pearl handle.....per dozen $41.25
No. D17911—Dessert knives, 3 in. pearl handle..... " 35.00
No. M17911—Medium forks, to match No. M17911 knives " 35.00
No. D17911—Dessert forks, to match No. D17911 knives 35.00

Sterling Silver Ferrule, Triple Plated Blade.

No. M1740—Medium knives, 3⅛ in. pearl handle.....per dozen $37.50
No. D1740—Dessert knives, 2⅞ in. pearl handle..... " 32.50
No. M1740—Medium forks, to match No. M1740 knives. " 32.50
No. D1740—Dessert forks, to match No. D1740 knives.. " 32.50

ONE DOZEN IN FANCY LINED BOX.

BUTTER SPREADERS.



No. 17645—Butter spreaders, 2⅛ in. pearl handle, sterling silver ferrule, triple plated blade.....per dozen $13.00

ONE DOZEN IN A BOX.

No. 1722—Butter spreaders, 2 in. pearl handle, sterling silver ferrule, triple plated blade.....per dozen $14.00

HALF DOZEN IN FANCY LINED BOX.

No. 17401—Butter spreaders, 2¼ in. pearl handle, sterling silver ferrules, triple plated blade.....per dozen $18.75

HALF DOZEN IN FANCY LINED BOX.

PEARL HANDLE SILVER PLATED WARE.

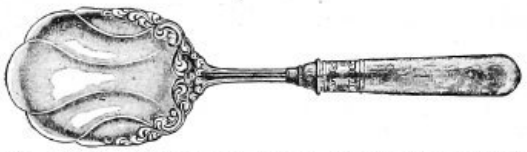
Sterling Silver Ferrules.

CAKE KNIVES.

No. 1752—2⅞ in. choice pearl handle, 5½ in. triple silver plated blade, full length 10⅛ in., - - - each $4.50

ONE IN FANCY LINED BOX.

BERRY SPOONS.



No. 1700—2⅞ in. choice pearl handle, 3½ in. triple silver plated bowl, full length 9¼ in., - - - each $5.30

ONE IN FANCY LINED BOX.

No. 1798—2⅞ in. choice pearl handle, 3½ in. triple silver plated bowl, large silver ferrule, full length 9½ in., each $6.00

ONE IN FANCY LINED BOX.

COLD MEAT FORKS.

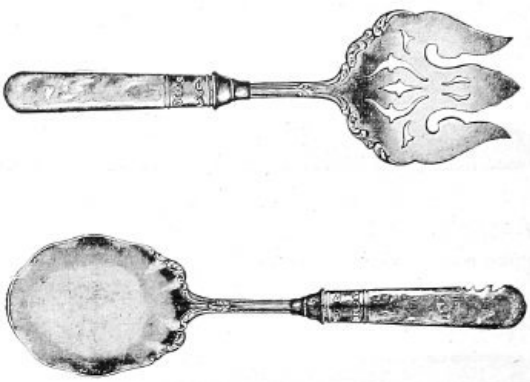
No. 1700—2¾ in. choice pearl handle, triple silver plated tines, full length 8¾ in., - - - - each $4.00

ONE IN FANCY LINED BOX.

No. 1798—2¾ in. choice pearl handle, triple silver plated tines, large silver ferrule, full length 8¾ in., - each $4.80

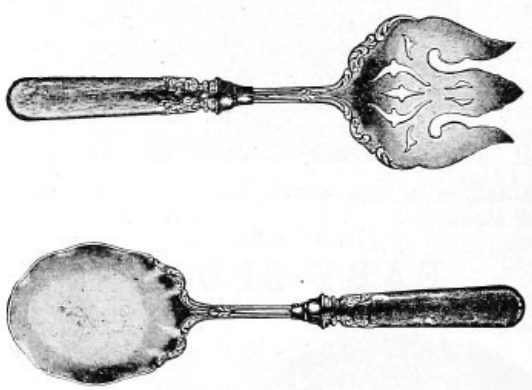
ONE IN FANCY LINED BOX.

SALAD SETS.



No. 1700—Consisting of one each salad fork and salad spoon, 3 in. choice pearl handles, triple silver plated bowl and tines, full length 9⅜ in., - - - per set $9.75

ONE SET IN FANCY LINED BOX.



No. 1798—Consisting of one each salad fork and salad spoon, 3 in. choice pearl handles, triple silver plated bowl and tines, large silver ferrules, full length 9⅜ in., - - - - - - - per set $10.50

ONE SET IN FANCY LINED BOX.

FRUIT KNIVES.

No. 103—7¼ in., "Our Very Best, triple silver plated, per dozen, - - - - - - - - - - $4.00

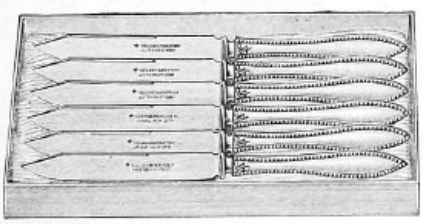
HALF DOZEN IN A BOX.

No. 17—5¾ in., Rogers & Bro., triple silver plated, square end handle, - - - - per dozen $5.00

HALF DOZEN IN A BOX

No. 1717—6¼ in., Rogers Cutlery Co's, silver plated, square handle, - - - - - per dozen $3.50

HALF DOZEN IN A BOX.



No. 42—6½ in., Rogers & Bro., Vesta, triple silver plated, per dozen, - - - - - - - - - $6.50

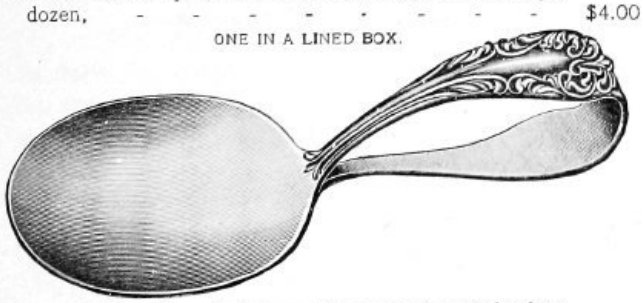
HALF DOZEN IN A BOX.

BABY SPOONS.

Full Size Cut.

Calla—Extra silver plated on white metal, curved handle, per dozen, - - - - - - - - - $4.00

ONE IN A LINED BOX.

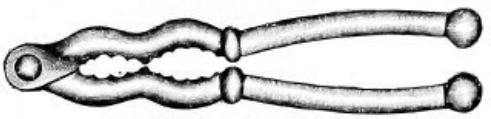


Avalon—Triple silver plated on 18 per cent nickel silver, per dozen, - - - - - - - - $8.00

This spoon is a beauty and is making a great hit, being the first good low priced baby spoon on the market. It is very heavy, beautifully finished, and has the appearance of sterling silver.

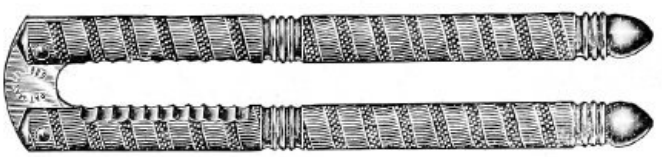
ONE IN A LINED BOX.

NUT CRACKS.



No. 3—5½ in., malleable iron, nickel plated, unpolished, per dozen, - - - - - - - - - $1.00

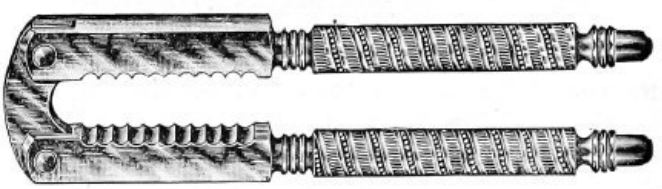
ONE DOZEN IN A BOX.



Embossed Steel, Nickel Plated.

No. 1S—5 in., round pattern, with spring, - per dozen $2.25

HALF DOZEN IN A BOX.



Embossed Steel, Nickel Plated.

No. 20S—5 in., square pattern, with spring, - per dozen $4.25

HALF DOZEN IN A BOX.

NUT PICKS.

1847 ROGERS BROS.

No. 1628—5 in., triple silver plated, satin handle, per dozen $4.20

HALF DOZEN IN A BOX.

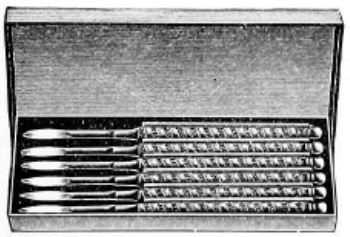
No. 1629—5 in., triple silver plated, arabesque handle, per dozen, - - - - - - - - - $4.70

HALF DOZEN IN A BOX.

No. 1631—5 in., triple silver plated, shell satin handle, per dozen, - - - - - - - - - $4.40

HALF DOZEN IN A BOX.

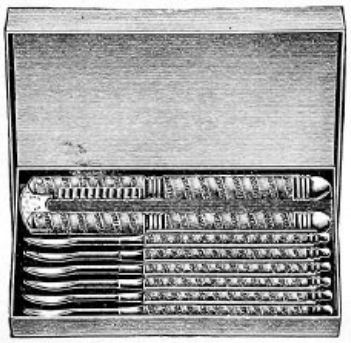
NUT PICKS AND CRACKS.



Embossed Steel, Nickel Plated.

No. 2—6 picks, 3/16 in., in cloth lined pasteboard box, per box, - - - - - - - - - $0.20

No. 010—6 picks, 1/4 in., in cloth lined finished cherry case, per case, - - - - - - - - - 1.20



Embossed Steel, Nickel Plated.

No. 30 —6 picks, 3/16 in., 1 round pattern crack, in cloth lined pasteboard box, - - - - per box $0.40

No. 30S—6 picks, 3/16 in., 1 round pattern spring crack, in cloth lined pasteboard box, - - - per box .45

Embossed Steel, Silver Plated.

No. 115 — 6 picks, 3/16 in., 1 round pattern crack, in cloth lined leatherette case, - - - - per case $0.80

No. 115S— 6 picks, 3/16 in., 1 round pattern spring crack, in cloth lined leatherette case, - - per case .90

No. 115D—12 picks, 3/16 in., 2 round pattern spring cracks, in cloth lined leatherette case, - - per case 1.20

Embossed Steel, Nickel Plated.

No. 80—6 picks, 3/16 in., 1 round pattern crack, in cloth lined varnished wood case, - - - - per case $0.75

Embossed Steel, Nickel Plated.

No. 15 —6 picks, 1/4 in., 1 square pattern crack, in cloth lined finished cherry case, - - - per case $1.50

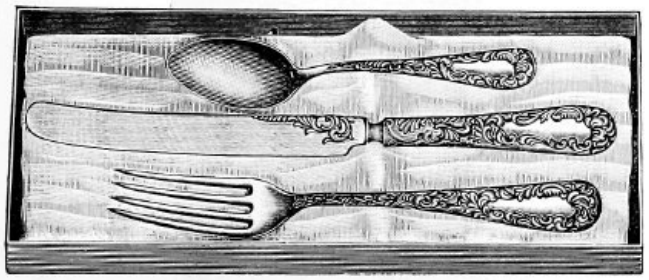
No. 15S—6 picks, 1/4 in., 1 square pattern spring crack, in cloth lined finished cherry case, - - per case 1.60

Embossed Steel, Nickel Plated.

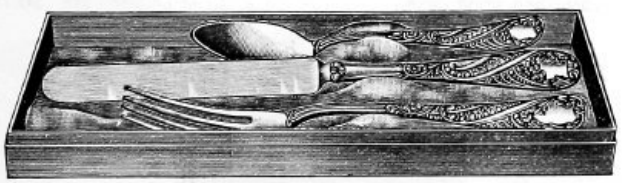
No. 20 —12 picks, 1/4 in., 2 square pattern cracks, in cloth lined finished cherry case, - - - per case $2.50

No. 20S—12 picks, 1/4 in., 2 square pattern spring cracks, in cloth lined finished cherry case, - - per case 2.65

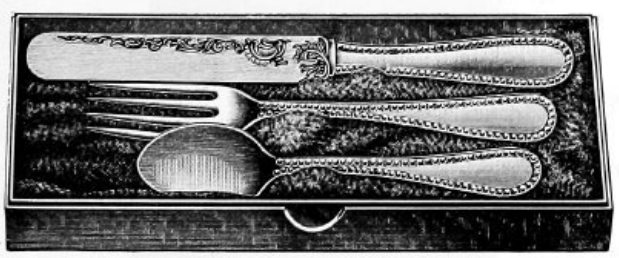
CHILDREN'S SETS.



No. 1899—3 pieces, tinned steel knife, fork and spoon, in lined box, - - - - - - per dozen sets $2.00

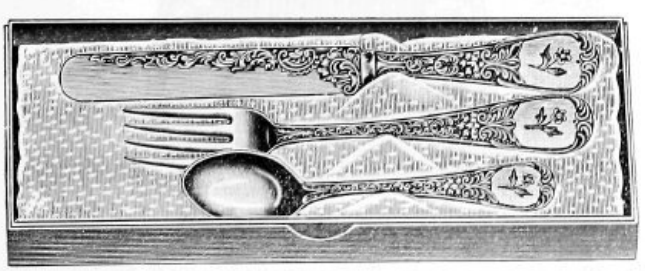


No. 1894—3 pieces, tinned steel knife, fork and spoon, in lined box, - - - - - - per dozen sets $2.00

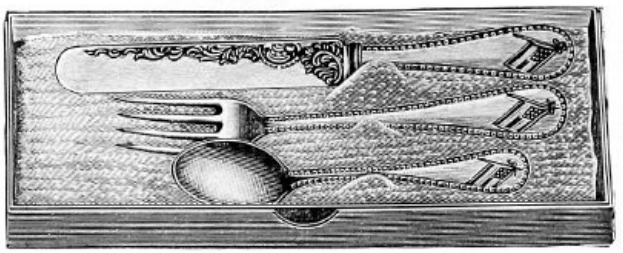


No. 90—3 pieces, silver plated knife, fork and spoon, in plain box, - - - - - - per dozen sets $2.80

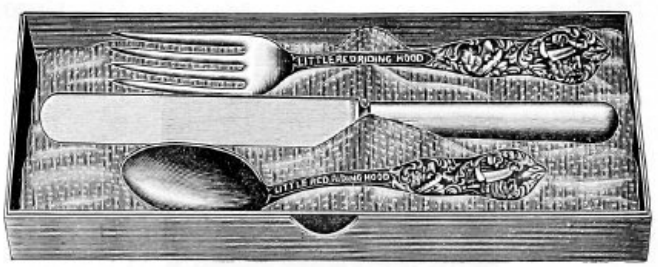
No. 91—3 pieces, silver plated knife, fork and spoon, in lined box, - - - - - - per dozen sets 3.00



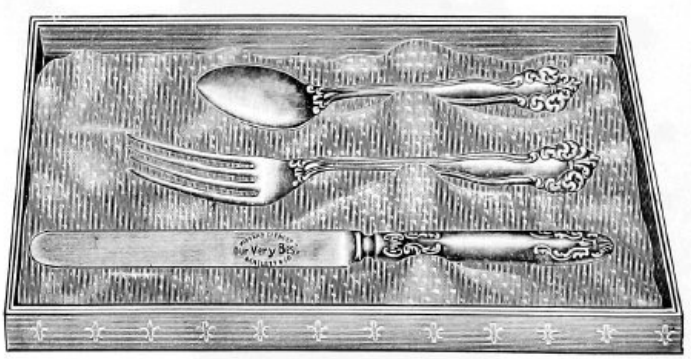
No. 98—FORGET-ME-NOT, 3 pieces, silver plated knife, fork and spoon, with enameled forget-me-not in colors, in silkeline lined box, - - - - per dozen sets $3.50



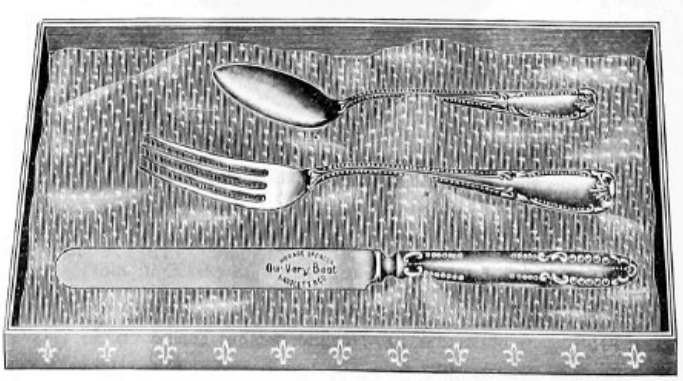
No. 94—PATRIOT, 3 pieces, silver plated knife, fork and spoon, with enameled American flag in colors on handles, fancy lined box, - - - - - per dozen sets $3.50



No. 97—3 pieces, silver plated knife, fork and spoon, in lined box, - - - - - - - per dozen sets $5.00

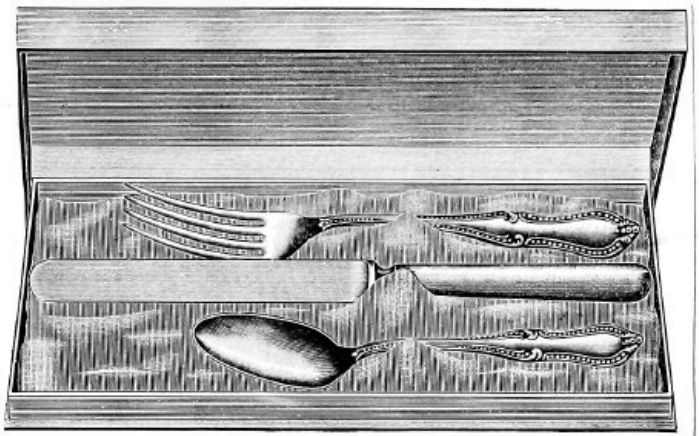


Norma—3 pieces, "O. V. B." silver plated knife, fork and spoon, in lined box, - - - - - per dozen $12.00

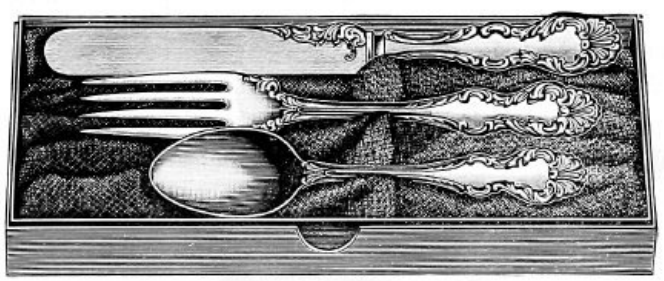


Geisha—3 pieces, "O. V. B." silver plated knife, fork and spoon, in lined box, - - - - - per dozen $12.00

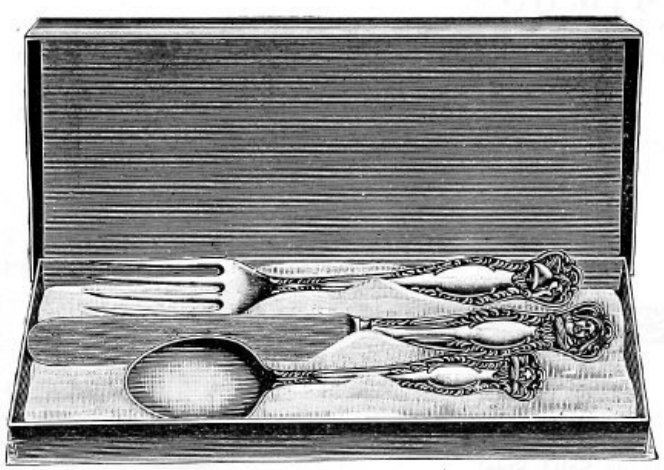
CHILDREN'S SETS.



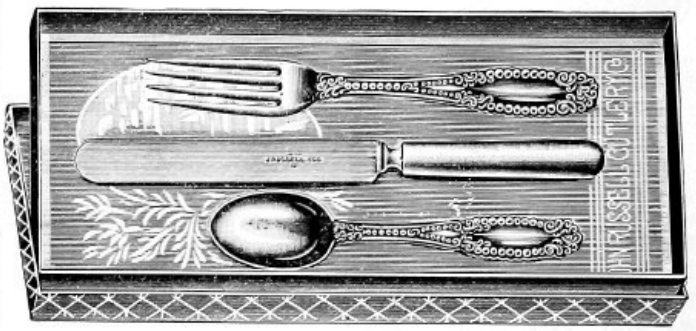
No. 92—COLONIAL, 3 pieces, silver plated knife, fork and spoon, in fancy silk lined box, - - per dozen sets $9.00



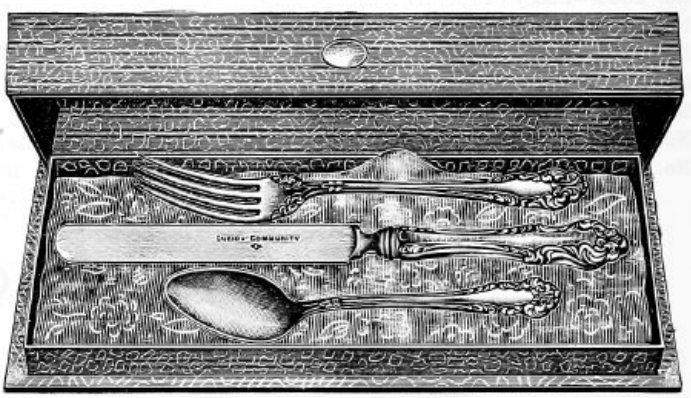
No. 96—3 pieces, silver plated knife, fork and spoon, in fancy silk lined box, - - - - per dozen sets $9.00



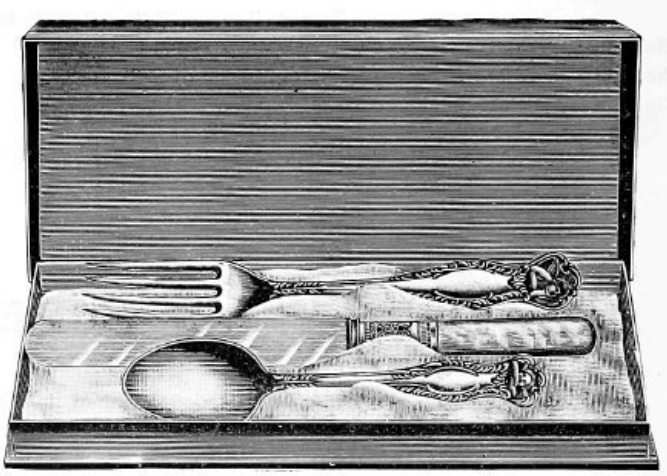
No. 93—RAPHAEL, 3 pieces, extra heavy silver plated knife, fork and spoon, in fancy silk lined box, - per dozen sets $10.00



No. 82—3 pieces, triple silver plated knife, fork and spoon, fancy pattern, knife ivory handled, - per dozen sets $24.00

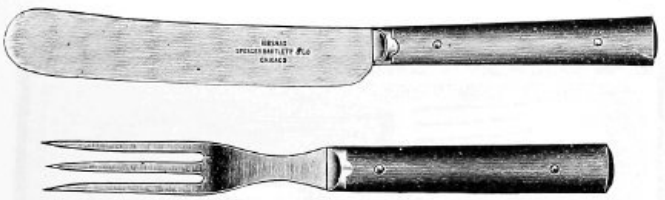


No. 69—AVALON, 3 pieces, heavily silver plated knife, fork and spoon, hollow handle knife, in leatherette satin lined case, with hinged cover and padded top, per dozen sets $27.00

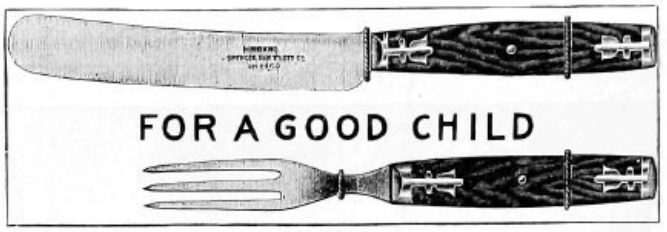


No. 95—3 pieces, triple silver plated knife, fork and spoon, pearl handle knife, in fancy silk lined box, per dozen sets $27.00

MOIETS.



In Sets.



On Cards.

In Sets.

No. 1060—Cocoa handle, no bolster,	per gross	$10.50
No. 2060—Ebony handle, no bolster,	"	12.00
No. 1161—Cocoa handle, single bolster,	"	12.75
No. 2161—Ebony handle, single bolster,	"	14.25
No. 3161—White bone handle, single bolster,	"	17.25

ONE DOZEN IN A BOX.

On Cards.

No. 1060—Cocoa handle, no bolster,	per dozen cards	$2.60
No. 2060—Ebony handle, no bolster,	" "	2.70
No. 1161—Cocoa handle, single bolster, on colored picture card,	" "	3.00
No. 2161—Ebony handle, single bolster, on colored picture card,	" "	3.40
No. 3161—White bone handle, single bolster, on colored picture card,	" "	4.15
No. 1235—Cocoa handle, double fancy bolsters, on colored picture card,	" "	3.75
No. 2235—Ebony handle, double fancy bolsters, on colored picture card,	" "	4.15
No. 3235—White bone handle, double fancy bolsters, on colored picture card,	" "	4.90

HALF DOZEN CARDS IN A BOX.

SPOONS.

Full Size Cut of Tea Spoon.

Tipped Pattern, Extra Heavy Malacca Plate on Solid Silver Steel.

No. 2000—Tea, six in a package,	per dozen packages	$3.00
No. 3000—Dessert, three in a package,	" "	6.00
No. 4000—Table, three in a package,	" "	6.00

Neatly wrapped with tissue paper and tied with white silk ribbon, each package labeled "Extra Heavy Plate on Solid Silver Steel."

TEA SPOONS, SIX PACKAGES IN A BOX; DESSERT AND TABLE SPOONS, EIGHT PACKAGES IN A BOX.

Full Size Cut of Tea Spoon.

Extra Heavy Malacca Plate on Solid Steel.

No. 1800—Tea,	per gross	$ 5.00
No. 1800—Table,	"	10.00

TEA SPOONS, THREE DOZEN; TABLE SPOONS, TWO DOZEN IN A BOX.

SPOONS.

VICTORIA STEEL.

Full Size Cut of Tea Spoon.

Silver Plated on Steel.

Tea,	per dozen	$1.00
Dessert,	"	2.00
Table,	"	2.00

TEA SPOONS, THREE DOZEN IN A BOX; DESSERT AND TABLE SPOONS, TWO DOZEN IN A BOX.

"NEAR SILVER."

Full Size Cut of Tea Spoon.

Finest Quality Nickel Silver.

Tipped—Tea,	per gross	$15.00
Tipped—Dessert,	"	29.00
Tipped—Table,	"	30.00

ONE DOZEN IN A BOX.

NICKEL SILVER.

Full Size Cut of Tea Spoon.

Finest Quality Nickel Silver.

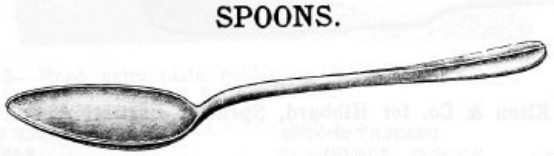
Beaded—Tea,	per gross	$16.00
Beaded—Table,	"	32.00

TWO DOZEN IN A BOX.

ALUMINUM WARE.

Reduced Cuts.

SPOONS.



	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	COFFEE SPOONS
Per gross,	$22.00	$33.75	$40.00	$18.75

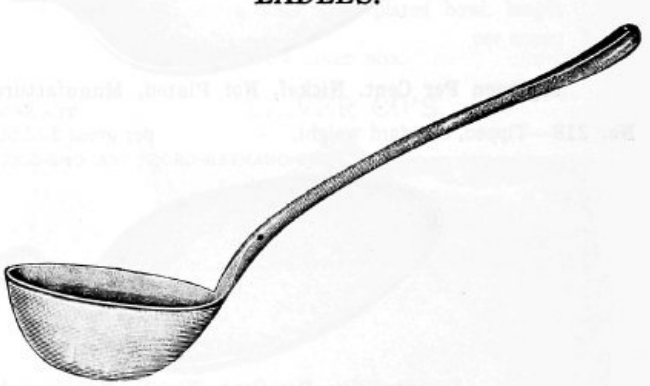
ONE-QUARTER GROSS IN A BOX.

BASTING SPOONS.

11 in., per dozen $8.25

ONE-QUARTER DOZEN IN A PACKAGE.

LADLES.



Per dozen, $18.75

ONE-QUARTER DOZEN IN A PACKAGE.

These goods are made of solid pure aluminum, and are untarnishable. They are extremely light and as durable as sterling silver, which they much resemble.

SILVER METAL WARE.

Full Size Cuts of Tea Spoons.

"Our Very Best" Pure Silver Metal, 25 Per Cent. Nickel, Not Plated, Fully Warranted.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS
No. 025—Tipped, full weight, - - -	per gross $27.50	$45.00	$55.00

ONE-QUARTER GROSS TEA, ONE-SIXTH GROSS DESSERT AND TABLE SPOONS IN A BOX.

Solid Hard White Metal, Not Plated, Manufactured by Hall, Elton & Co. for Hibbard, Spencer, Bartlett & Co.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	SUGAR SHELLS	BUTTER KNIVES, TWIST HANDLE
No. 15—Tipped, medium weight, -	per dozen $2.50	$4.17	$5.00	$4.75	$5.50

ONE DOZEN IN A BOX.

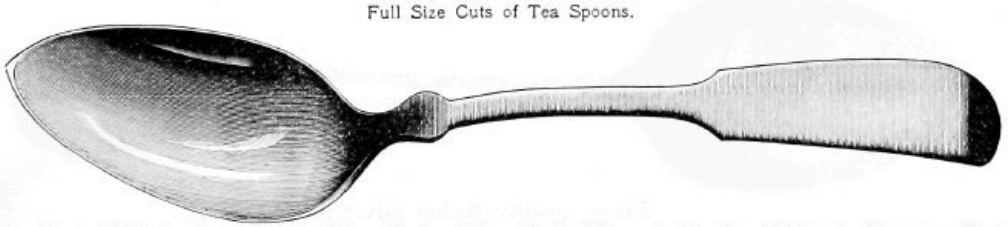
Solid Hard White Metal, Not Plated, Manufactured by Hall, Elton & Co. for Hibbard, Spencer, Bartlett & Co.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	SUGAR SHELLS	BUTTER KNIVES, TWIST HANDLE
No. 20—Windsor, medium weight, -	per dozen $2.50	$4.17	$5.00	$4.75	$5.50

ONE DOZEN IN A BOX.

GERMAN SILVER SPOONS.

Full Size Cuts of Tea Spoons.



Eighteen Per Cent. Nickel, Not Plated, Manufactured by Hall, Elton & Co. for Hibbard, Spencer, Bartlett & Co.

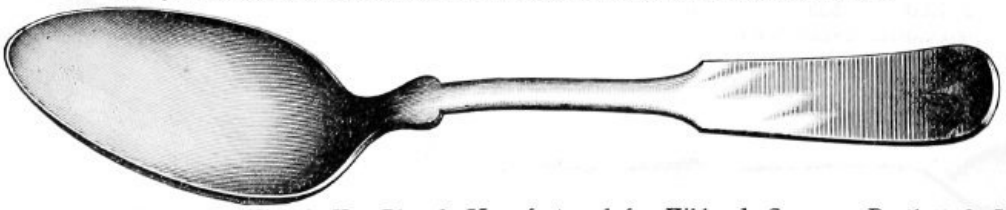
	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS
No. 118—Plain, standard weight, - -	per gross $21.00	$33.00	$42.00

ONE-QUARTER GROSS TEA, ONE-SIXTH GROSS DESSERT AND TABLE SPOONS IN A BOX.

Eighteen Per Cent. Nickel, Not Plated, Manufactured by Hall, Elton & Co. for Hibbard, Spencer, Bartlett & Co.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS
No. 218—Tipped, standard weight, - -	per gross $22.50	$36.00	$45.00

ONE-QUARTER GROSS TEA, ONE-SIXTH GROSS DESSERT AND TABLE SPOONS IN A BOX.



Twenty-Five Per Cent. Nickel, Not Plated, Manufactured for Hibbard, Spencer, Bartlett & Co.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS
No. 25—Tipped, medium weight, - -	per gross $22.50	$36.00	$45.00

ONE-QUARTER GROSS TEA, ONE-SIXTH GROSS DESSERT AND TABLE SPOONS IN A BOX.

NICKEL SILVER SPOONS.

Full Size Cut of Tea Spoon.

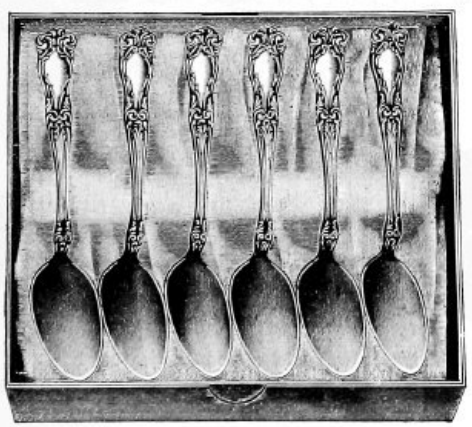
	TEA SPOONS	TABLE SPOONS
Pilot—Finest quality nickel silver, - - -

SILVER PLATED WARE.

Full Size Tea Spoon.

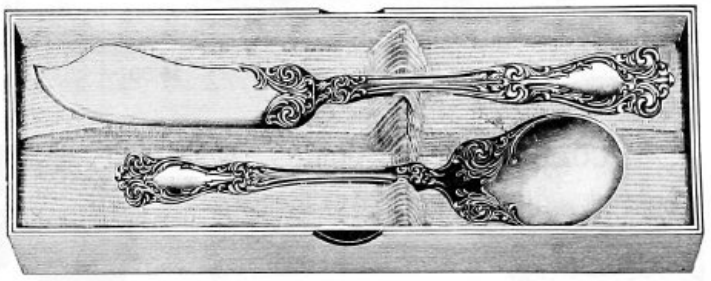
Essex tea	spoons, medium grade,	per dozen	$4.75
Essex table	spoons, medium grade,	"	9.50
Essex dessert	spoons, medium grade,	"	8.50
Essex dessert	forks, medium grade,	"	8.50
Essex table	forks, medium grade,	"	9.50

Half Size Cuts.



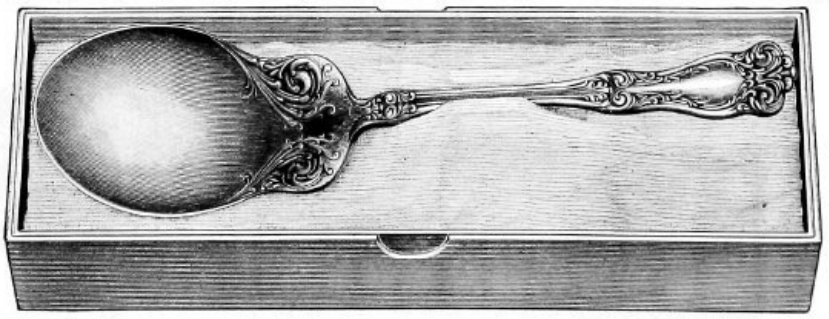
Essex coffee spoons, medium grade, per dozen $4.70

HALF DOZEN IN A LINED BOX.



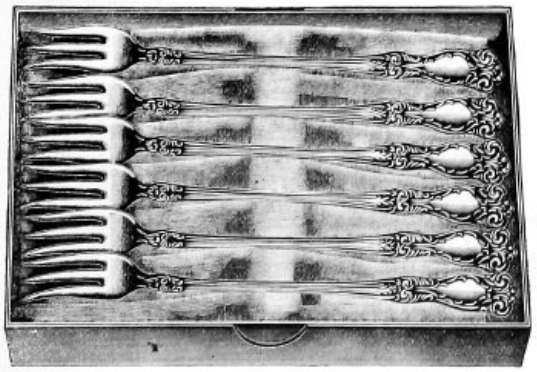
Essex butter knife and sugar shell sets, medium grade, - - per set $1.83

ONE SET IN A LINED BOX.



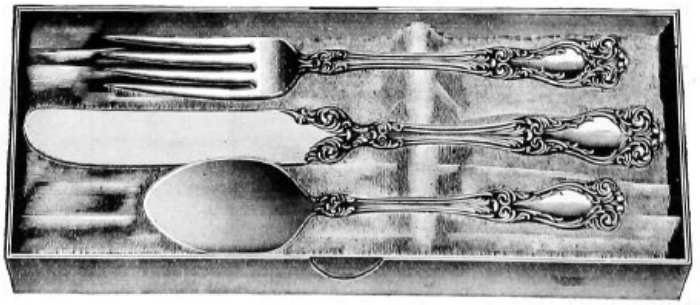
Essex berry spoons, medium grade, - - - - - per dozen $24.00

ONE IN A LINED BOX.



Essex oyster forks, medium grade, - per dozen $6.30

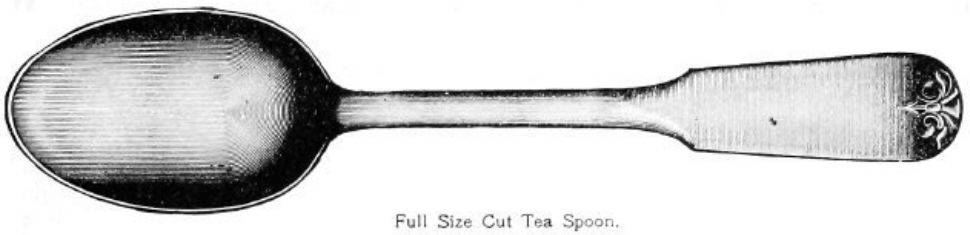
HALF DOZEN IN A LINED BOX.



Essex three-piece child's sets, medium grade, - - - per dozen sets $25.50

ONE SET IN A LINED BOX.

ROGERS' NICKEL SILVER WARE.



Full Size Cut Tea Spoon.

Twenty-two Per Cent. Nickel, Not Plated.

No. 21—Fancy tipped tea spoons, - - - - - - - - - - - - - - - - per gross $15.00
No. 21—Fancy tipped table spoons, - - - - - - - - - - - - - - - " 30.00

TWO DOZEN IN A BOX.

ROGERS CUTLERY CO'S SILVER PLATED WARE.

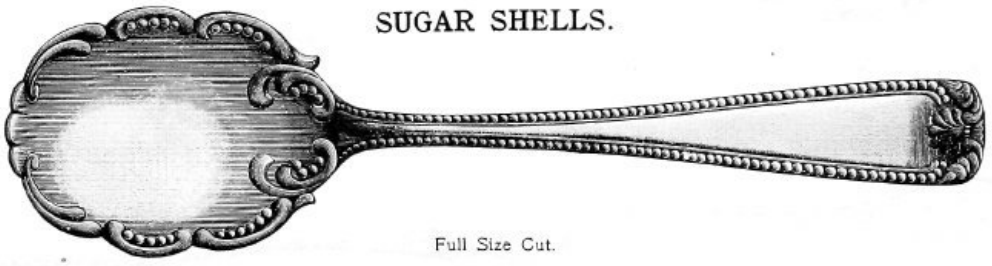
SPOONS.

Full Size Cut Tea Spoon.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS
Orleans—Plated on extra hard white metal, - - - -	per dozen $1.50	$2.50	$3.00

ONE DOZEN IN A BOX.

SUGAR SHELLS.



Full Size Cut.

Orleans—Plated on extra hard white metal, - - - - - - - - - - - - - - - - per dozen $2.50

ONE DOZEN IN A BOX.

Half Size Cuts.

BUTTER KNIVES.

Orleans—Twisted handle, - - - - - - per dozen $2.50
No. 223—ORLEANS butter knife and sugar shell, in a satin lined box, - - - - - - - - per dozen 5.00

BUTTER KNIVES, ONE DOZEN IN A BOX.

OYSTER FORKS.

Orleans, - - - - - - - - - - per dozen $2.50

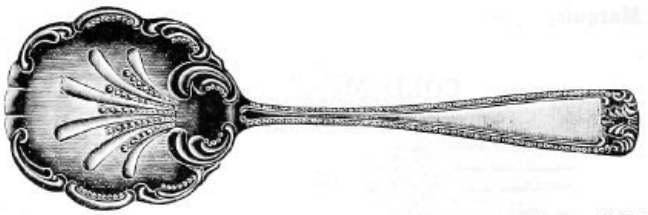
HALF DOZEN IN A SATIN LINED BOX.

COLD MEAT FORKS.

Orleans, - - - - - - - - - - per dozen $7.20

ONE IN A SATIN LINED BOX.

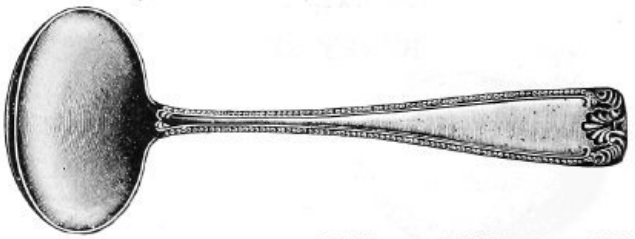
BERRY SPOONS.



Orleans, - - - - - - - - - - per dozen $9.00

ONE IN A SATIN LINED BOX.

GRAVY, OYSTER AND SOUP LADLES.



	GRAVY	OYSTER	SOUP
Inches, - - - - -	6¾	9¼	10¼
Orleans, - - per dozen	$7.20	$15.00	$18.00

ONE IN A SATIN LINED BOX.

ROGERS CUTLERY CO'S SILVER PLATED WARE.

TEA, DESSERT AND TABLE SPOONS.

Full Size Cut of Tea Spoon.

Plated on Extra Hard White Metal.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS
Marquis,	per dozen $1.50	$2.50	$3.00

ONE DOZEN IN A BOX.

SUGAR SHELLS.

Full Size Cut.

Plated on Extra Hard White Metal.

Marquis, per dozen $2.50

ONE DOZEN IN A BOX.

TWIST HANDLE BUTTER KNIVES.

Full Size Cut.

Plated on Extra Hard White Metal.

Marquis, per dozen $2.50

ONE DOZEN IN A BOX.

COLD MEAT FORKS.

Plated on Extra Hard White Metal.

Marquis, per dozen $7.20

ONE IN A SATIN LINED BOX.

BERRY SPOONS.

Plated on Extra Hard White Metal.

Marquis, per dozen $9.00

ONE IN A SATIN LINED BOX.

GRAVY, OYSTER AND SOUP LADLES.

Plated on Extra Hard White Metal.

	GRAVY	OYSTER	SOUP
Length,	6¼	9¼	10¼ in.
Marquis,	per dozen $7.20	$15.00	$18.00

ONE IN A SATIN LINED BOX.

SILVER PLATED WARE.

EXTRA SILVER PLATED ON PURE NICKEL SILVER.

SPOONS.

Full Size Cut of Tea Spoon.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS
Priscilla—A 1 or extra plate, - - - - - - - - - - -	per dozen $4.75	8.50	9 50

ONE DOZEN IN A BOX.

SUGAR SHELLS.

Half Size Cut.

	PLAIN BOWL	GILT BOWL
Priscilla—A 1 or extra plate, per dozen	$9.00	13.00

ONE DOZEN IN A BOX.

BUTTER KNIVES.

Half Size Cut.

Priscilla—A 1 or extra plate, - - - per dozen $10.50

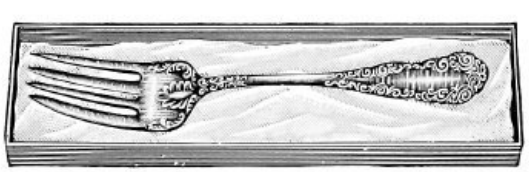
ONE DOZEN IN A BOX.

BUTTER AND SUGAR SETS.

Priscilla—A 1 or extra plate, with plain bowl sugar shell, per dozen, - - - - - - - - - $22.00
Priscilla—A 1 or extra plate, with gilt bowl sugar shell, per dozen, - - - - - - - - - - 26.00

ONE SET IN A LINED BOX.

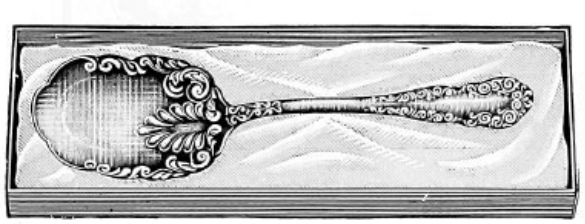
COLD MEAT FORKS.



Priscilla—A 1 or extra plate, plain tines, 8¼ in., per dozen $15.00
Priscilla—A 1 or extra plate, gilt tines, 8¼ in., " 21.00

ONE IN A LINED BOX.

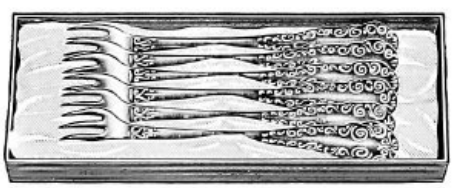
BERRY SPOONS.



Priscilla—A 1 or extra plate, plain bowl, 8¾ in., per dozen $24.00
Priscilla—A 1 or extra plate, gilt bowl, 8¾ in., " 33.00

ONE IN A LINED BOX.

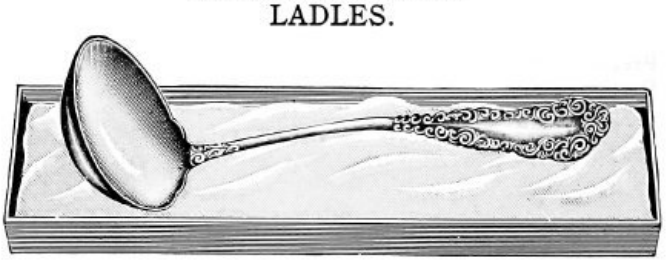
OYSTER FORKS.



Priscilla—A 1 or extra plate, 5⅝ in., - - per dozen $6.30

HALF DOZEN IN A LINED BOX.

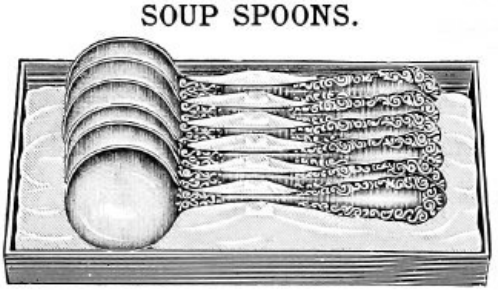
LADLES.



Priscilla—A 1 or extra plate, cream ladle 5¾ in., per dozen $13.50
Priscilla—A 1 or extra plate, gravy ladle 7¼ in., " 18.00
Priscilla—A 1 or extra plate, medium ladle 10¼ in., per dozen, - - - - - - - - - 48.00

ONE IN A LINED BOX.

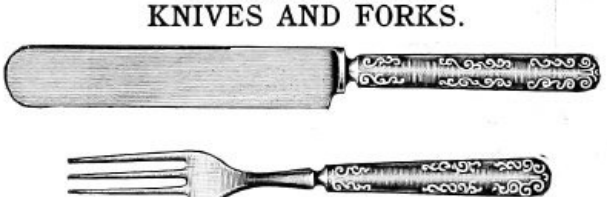
SOUP SPOONS.



Priscilla—A 1 or extra plate, 6¾ in., - - per dozen $9.50

HALF DOZEN IN A LINED BOX.

KNIVES AND FORKS.



Priscilla—6 dwt., round end handle, medium knives, per dozen, - - - - - - - - - $6.00
Priscilla—6 dwt., round end handle, medium forks, per dozen, - - - - - - - - - 6 00

HALF DOZEN IN A BOX.

SILVER PLATED WARE.

EXTRA SILVER PLATE ON PURE NICKEL SILVER.

	Tea Spoons.	Dessert Spoons.	Table Spoons.	Medium Forks
Peerless—A1 or Extra plate, French gray, - - - - - per dozen,	$4.75	8.50	9.50	9.50

ONE DOZEN IN A BOX.

Peerless Medium Knives—6 dwt., round end, fancy handle, French gray, - - - - - - - - - per dozen $6.00

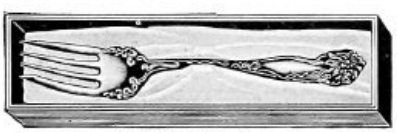
HALF DOZEN IN A BOX.

Sugar Shell.

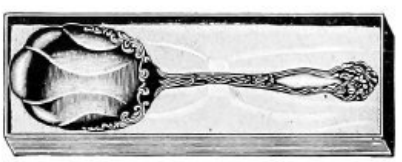
Butter Knife.

Peerless Sugar Shells —A1 or Extra plate, French gray, - - - - - - - - - - - - per dozen $9.00
Peerless Butter Knives—A1 or Extra plate, French gray, - - - - - - - - - - - - " 10.50

ONE DOZEN IN A BOX.



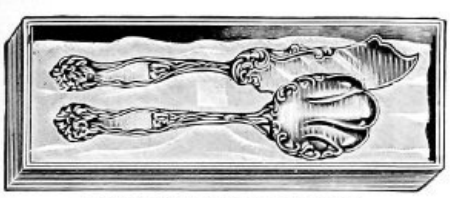
Cold Meat Fork.



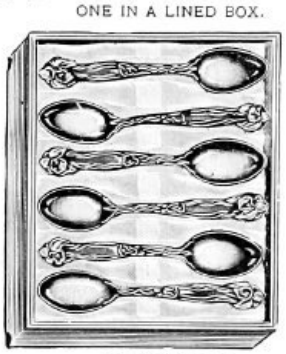
Berry Spoon.

Peerless Cold Meat Forks—A1 or Extra plate, French gray, - - - - - - - - - - - per dozen $15.00
Peerless Berry Spoons—A1 or Extra plate, French gray, - - - - - - - - - - - " 24.00

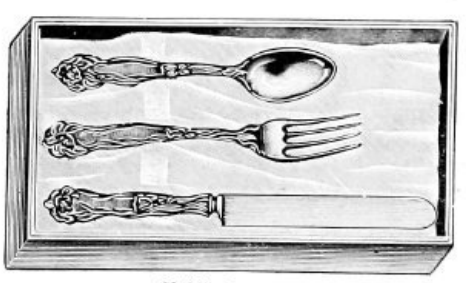
ONE IN A LINED BOX.



Butter Knife and Sugar Shell Set.



Coffee Spoons.



Child's Set.

Peerless Butter Knife and Sugar Shell Set—A1 or Extra plate, French gray, - - - - - - - - per dozen $22.00

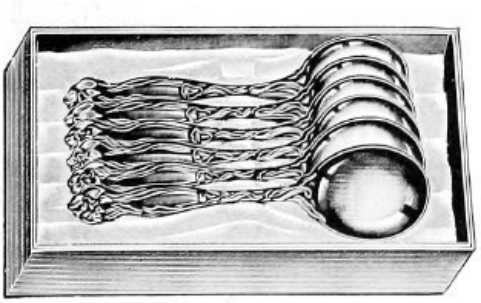
ONE SET IN A LINED BOX.

Peerless Coffee Spoons—A1 or Extra plate, French gray, - - - - - - - - - - - per dozen $4.70

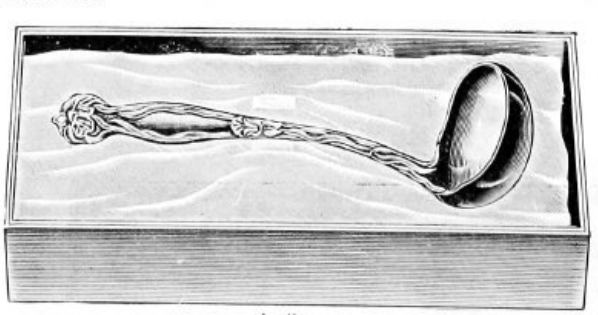
HALF DOZEN IN A LINED BOX.

Peerless Child's Set—A1 or Extra plate, French gray, - - - - - - - - - - - per dozen $24.00

ONE SET IN A LINED BOX.



Soup Spoons.



Ladle.

Peerless Soup Spoons—A1 or Extra plate, French gray, - - - - - - - - - - - per dozen $10.50

HALF DOZEN IN A LINED BOX.

Peerless Cream Ladles—A1 or Extra plate, French gray, - - - - - - - - - - - per dozen $13.50
Peerless Gravy Ladles—A1 or Extra plate, French gray, - - - - - - - - - - - " 18.00

ONE IN A LINED BOX.

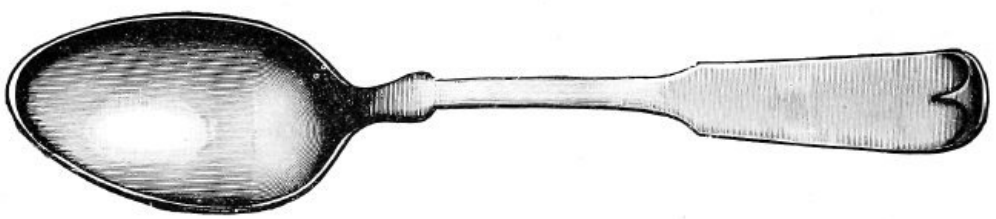
"OUR VERY BEST PART SILVER" WARE.

WARRANTY.

WE CLAIM AND GUARANTEE THAT "O. V. B. PART SILVER" WARE POSITIVELY CONTAINS PURE SILVER AND TAKES THE SAME SOFT, BRILLIANT FINISH OF STERLING SILVER AND IS NEARLY AS WHITE IN COLOR. IT IS THE SAME METAL ALL THE WAY THROUGH. THERE IS NO PLATING OR APPLICATION OF ANY KIND USED TO CHANGE ITS TRUE COLOR. THE WEARING QUALITY OF "O. V. B. PART SILVER" WARE FOR TABLE USE IS UNQUESTIONED.

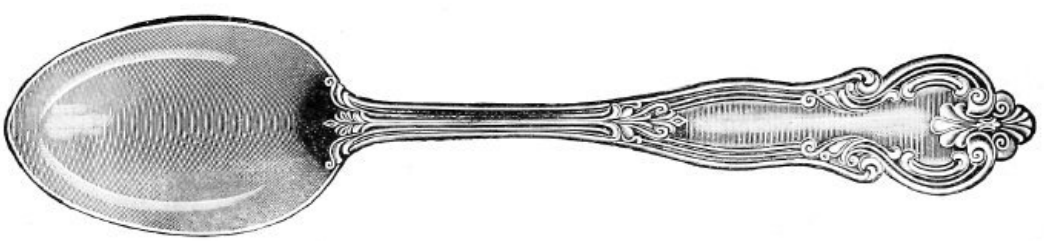
(SIGNED) Hibbard Spencer Bartlett & Co

SPOONS AND FORKS.



	TEASPOONS	DESSERT SPOONS	TABLE SPOONS
Tipped—"Part Silver," - - - - per dozen	$4.25	$7.50	$8.50

ONE DOZEN IN A BOX.



	TEASPOONS	DESSERT SPOONS	TABLE SPOONS	MED. FORKS
Puritan—"Part Silver," - - per dozen	$4.75	$8.50	$9.50	$9.50

ONE DOZEN IN A BOX.

KNIVES AND FORKS.

Puritan—"Part Silver," cimeter swaged, solid handle medium knives and medium spoon handle forks, - - - - per set $6.00
Puritan—"Part Silver," cimeter swaged, solid handle medium knives only, - - - - - - - - - per dozen 8.00

ONE DOZEN IN A BOX.

A SET OF KNIVES AND FORKS CONSISTS OF SIX KNIVES AND SIX FORKS.

WM. ROGERS & SON'S SILVER PLATED WARE.

Full Size Cut of Tea Spoon.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	SUGAR SHELLS	TWIST HANDLE BUTTER KNIVES
Tipped—AA or extra plate, - -	per dozen $4.25	$ 7.50	$ 8.50	$8.00	$10.00
Tipped—Triple plate, - - -	" 6.00	10.00	12.00		

ONE DOZEN IN A BOX.

Full Size Cut of Tea Spoon.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	SUGAR SHELLS	TWIST HANDLE BUTTER KNIVES
Shell—Satin, AA or extra plate, -	per dozen $4.25	$ 7.50	$ 8.50	$8.00	$10.00
Shell—Satin, triple plate, - -	" 6.00	10.00	12.00		

ONE DOZEN IN A BOX.

Full Size Cut of Tea Spoon.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	SUGAR SHELLS	TWIST HANDLE BUTTER KNIVES
Florida—AA or extra plate, -	per dozen $4.75	$ 8.50	$ 9.50	$9.00	$10.50
Florida—Triple plate, - - -	" 6.50	11.00	13.00		

ONE DOZEN IN A BOX.

WM. ROGERS MANF'G CO'S SILVER PLATED WARE.

SPOONS AND FORKS.

Full Size Cut of Tea Spoon.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	DESSERT FORKS	MEDIUM FORKS
Tipped—AA or extra plate, - -	per dozen $4.25	$ 7.50	$ 8.50	$ 7.50	$ 8.50
Tipped—Triple plate, - - -	" 6.00	10.00	12.00	10.00	12.00

ONE DOZEN IN A BOX.

"WM. ROGERS MANF'G CO'S" SILVER PLATED WARE.

SPOONS AND FORKS.

Full Size Cut of Tea Spoon.

		TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	DESSERT FORKS	MEDIUM FORKS
Shell—Satin, AA or extra plate,	per dozen	$4.25	$ 7.50	$ 8.50	$ 7.50	$ 8.50
Shell—Satin, triple plate, - - -	"	6.00	10.00	12.00	10.00	12.00

ONE DOZEN IN A BOX.

Full Size Cut of Tea Spoon.

		TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	DESSERT FORKS	MEDIUM FORKS
America—AA or extra plate, - -	per dozen	$4.75	$ 8.50	$ 9.50	$ 8.50	$ 9.50
America—Triple plate, - - -	"	6.50	11.00	13.00	11.00	13.00

ONE DOZEN IN A BOX.

Full Size Cut of Tea Spoon.

		TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	DESSERT FORKS	MEDIUM FORKS
Chevalier—AA or extra plate, - -	per dozen	$4.75	$ 8.50	$ 9.50	$ 8.50	$ 9.50
Chevalier—Triple plate, - - -	"	6.50	11.00	13.00	11.00	13.00

ONE DOZEN IN A BOX.

Full Size Cut of Tea Spoon.

		TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	DESSERT FORKS	MEDIUM FORKS
Mayflower—AA or extra plate, - -	per dozen	$4.75	$ 8.50	$ 9.50	$ 8.50	$ 9.50
Mayflower—Triple plate, - - -	"	6.50	11.00	13.00	11.00	13.00

ONE DOZEN IN A BOX.

SUGAR SHELLS.

Half Size Cut.

Tipped	—A1 or extra plate, - - -	per dozen	$8.00
Shell	—A1 or extra plate, - - -	"	8.00
America	—A1 or extra plate, - - -	"	9.00
Chevalier	—A1 or extra plate, - - -	"	9.00
Mayflower	—AA or extra plate, - - -	"	9.00

ONE DOZEN IN A BOX.

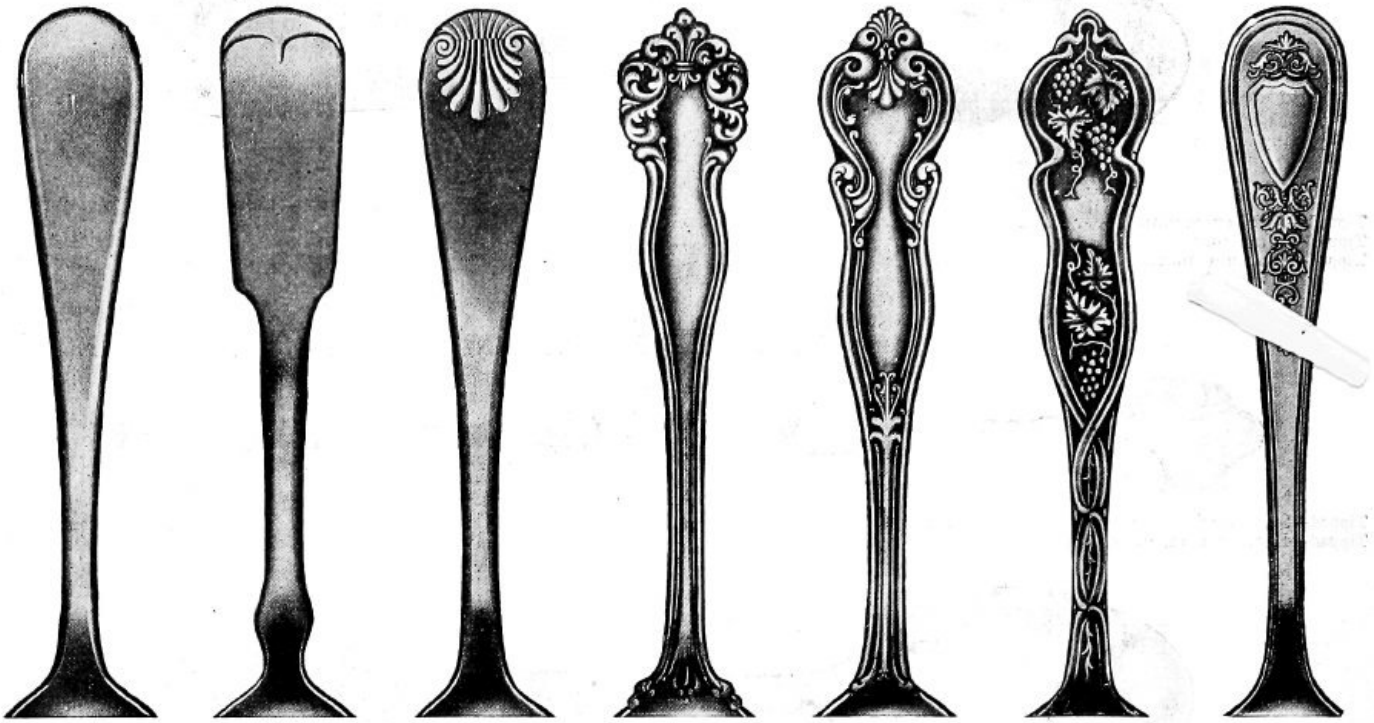
BUTTER KNIVES.

Half Size Cut.

Tipped	—A1 or extra plate, - - -	per dozen	$10.00
Shell	—A1 or extra plate, - - -	"	10.00
America	—A1 or extra plate, - - -	"	10.50
Chevalier	—A1 or extra plate, - - -	"	10.50
Mayflower	—AA or extra plate, - - -	"	10.50

ONE DOZEN IN A BOX.

OVB SILVER PLATED WARE.



Windsor. Tipped. Shell. Iros. Antoinette. Vineyard. Pilgrim.

Made in Seven Artistic Patterns and in a Great Variety of Pieces.

The success of OVB silverware has been one of the most conspicuous in the history of the trade. The demand created without advertising, simply upon the merits of the goods, has been tremenduous.

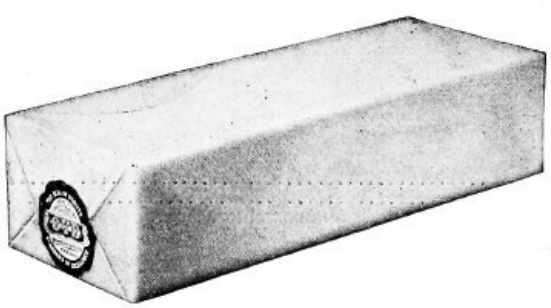
The line consists of seven distinct patterns as shown above and is complete in every respect, embracing a full assortment of fancy pieces, including any article desired.

The quality is the VERY BEST. It has been proven, and we guarantee it.

The patterns are artistic, dainty and attractive as those of any other manufacture.

Blanks of all OVB silverware are made of highest quality nickel silver and plated in three weights as follows:

A1 or Extra Plate—The standard for years—satisfactory goods at a reasonable price.



Hermetically Sealed Package of OVB Silverware absolutely preventing tarnishing.

Triple Plate—Much heavier than standard, a more lasting plate at only a slight increase in cost.

Quintuple Plate—Five times as heavy as standard, plated so heavy as to be practically as serviceable as solid silver, at about one fourth the cost.

The Iros pattern can be furnished in either bright or French gray finish. The Pilgrim, Antoinette and Vineyard in French gray only. These patterns are equal in design, finish and stamping to the best sterling silver and are much more practical.

We call especial attention to the Pilgrim pattern which we have just added to stock. This pattern we designed after inspecting and comparing practically every silverware line on the market. The design is strictly colonial with a modern finish, the handle being a rich French gray with the raised shield in the center, burnished bright. The Pilgrim is without doubt the best designed pattern on the market today.

GUARANTY—OVB Silverware is warranted to strip the amount of silver marked on the packages, and to be equal to that of any other manufacture.
(Signed) Hibbard, Spencer, Bartlett & Co.

OVB Silverware is fully illustrated on the following pages.

OVB SILVER PLATED WARE.

SPOONS.

Full Size Cut of Tipped Tea Spoon.

		TEA SPOONS.	DESSERT SPOONS.	TABLE SPOONS.
Tipped—A1 or extra plate	per dozen	$3.25	5.50	6.50
Tipped—Triple plate	"	4.25	7.50	8.50
Tipped—Quintuple plate	"	6.00	10.00	12.00

ONE DOZEN IN A BOX.

SUGAR SHELLS AND BUTTER KNIVES.

Tipped—Sugar Shells, A1 or extra plate	per dozen	$ 8.00
Tipped—Butter Knives, A1 or extra plate	"	10.00

ONE DOZEN IN A BOX.

SPOONS.

Full Size Cut of Shell Tea Spoon.

		TEA SPOONS.	DESSERT SPOONS.	TABLE SPOONS.
Shell—Satin, A1 or extra plate	per dozen	$3.25	5.50	6.50
Shell—Satin, triple plate	"	4.25	7.50	8.50
Shell—Satin, quintuple plate	"	6.00	10.00	12.00

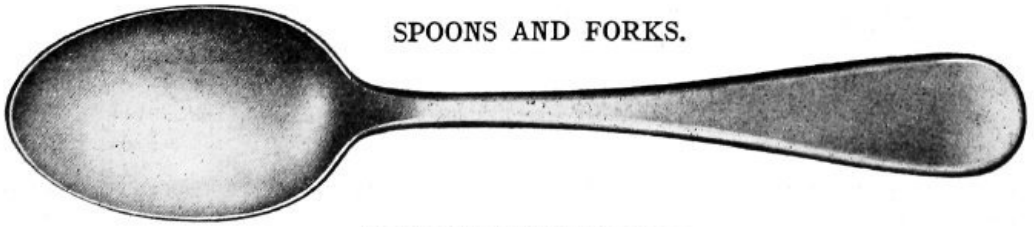
ONE DOZEN IN A BOX.

SUGAR SHELLS AND BUTTER KNIVES.

Shell—Sugar Shells, satin, A1 or extra plate	per dozen	$ 8.00
Shell—Butter Knives, satin, A1 or extra plate	"	10.00

ONE DOZEN IN A BOX.

SPOONS AND FORKS.



Full Size Cut of Windsor Tea Spoon.

		TEA SPOONS.	DESSERT SPOONS.	TABLE SPOONS.	DESSERT FORKS.	MED. FORKS.
Windsor—A1 or extra plate, extra heavy	per dozen	$3.50	6.25	7.00	.....	.....
Windsor—Triple plate, extra heavy	"	4.75	8.50	9.50	.....	.....
Windsor—Quintuple plate, extra heavy	"	6.50	11.00	....	11.00	13.00

ONE DOZEN IN A BOX.

GUARANTY—OVB *Silverware is warranted to strip the amount of silver marked on the packages, and to be equal to that of any other manufacture.*
(Signed) *HIBBARD, SPENCER, BARTLETT & CO.*

OUR VINEYARD SILVER PLATED WARE.

SPOONS AND FORKS.

Full Size Cut Vineyard Tea Spoons, Showing the Design of all Goods in this Pattern.

GUARANTY—OUR VINEYARD Silverware is warranted to strip the amount of silver marked on the packages, and to be equal to that of any other manufacture.
(Signed) HIBBARD, SPENCER, BARTLETT & CO.

		TEA SPOONS.	DESSERT SPOONS.	TABLE SPOONS.	DESSERT FORKS.	MED. FORKS.
Vineyard—A1 or extra plate, French gray	per dozen	$3.50	6.25	7.00	6.25	7.00
Vineyard—Triple plate, French gray	"	4.75	8.50	9.50	8.50	9.50
Vineyard—Quintuple plate, French gray	"	6.50	11.00	10.00	11.00	13.00

ONE DOZEN IN A BOX.

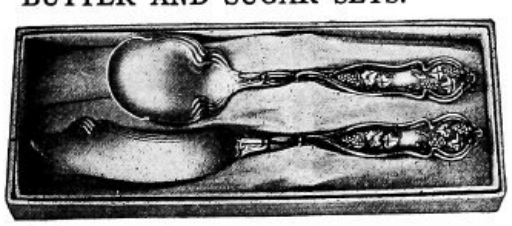
SUGAR SHELLS.

Vineyard—A1 or extra plate, French gray.....per dozen $9.00
ONE DOZEN IN A BOX.

BUTTER KNIVES.

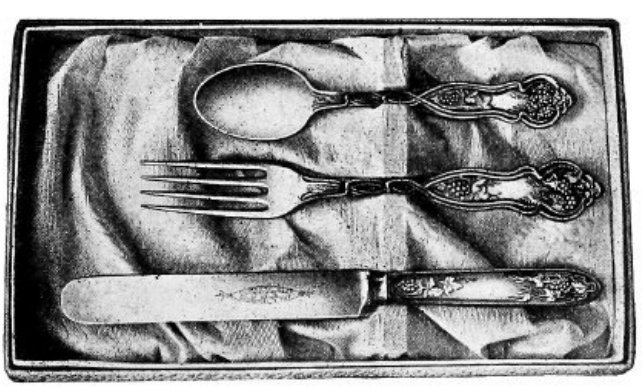
Vineyard—A1 or extra plate, French gray.....per dozen $10.50
ONE DOZEN IN A BOX.

BUTTER AND SUGAR SETS.



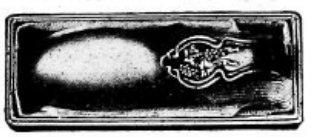
Vineyard—A1 or extra plate, French gray.....per doz. sets $22.00
ONE SET IN A LINED BOX.

CHILD SETS.



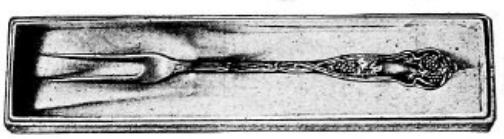
Vineyard—A1 or extra plate, French gray.....per doz. sets $24.00
ONE SET IN A LINED BOX.

BABY SPOONS.



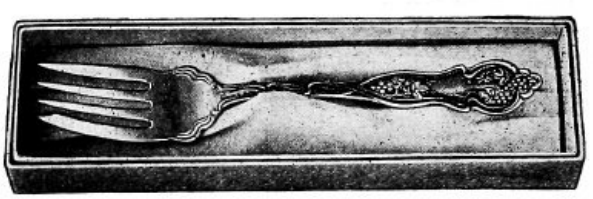
Vineyard—A1 or extra plate, French gray.....per dozen $7.50
ONE IN A LINED BOX.

PICKLE FORKS.



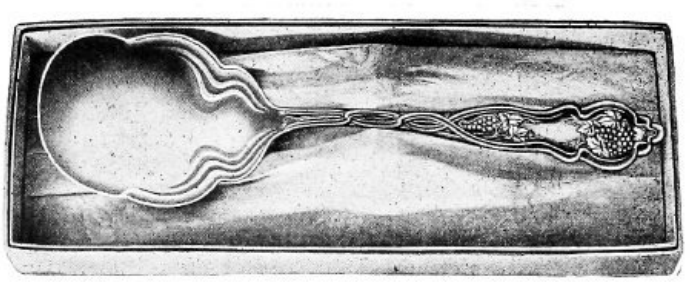
Vineyard—A1 or extra plate, French gray.....per dozen $13.50
ONE IN A LINED BOX.

COLD MEAT FORKS.



Vineyard—A1 or extra plate, French gray.....per dozen $15.00
Vineyard—A1 or extra plate, French gray, gilt tines..... " 21.00
ONE IN A LINED BOX.

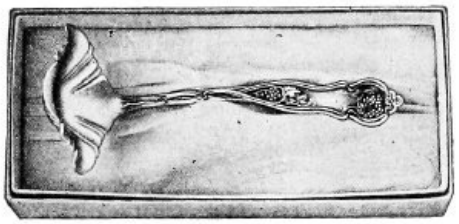
BERRY SPOONS.



Vineyard—A1 or extra plate, French gray.....per dozen $24.00
Vineyard—A1 or extra plate, French gray, gilt bowl..... " 33.00
ONE IN A LINED BOX.

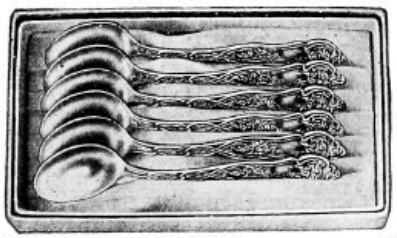
OUR VERY BEST OVB SILVER PLATED WARE

LADLES.



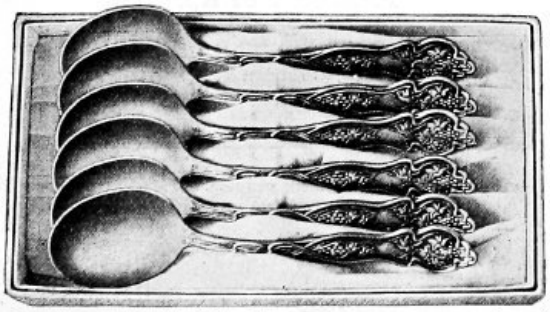
Vineyard—Cream, A1 or extra plate, French gray.....per dozen $13.50
Vineyard—Cream, A1 or extra plate, French gray, gilt bowl, per dozen..... 19.50
Vineyard—Gravy, A1 or extra plate, French gray.....per dozen 18.00
Vineyard—Gravy, A1 or extra plate, French gray, gilt bowl, per dozen..... 27.00
Vineyard—Medium, A1 or extra plate, French gray.....per dozen 48.00
ONE IN A LINED BOX.

BOUILLON SPOONS.



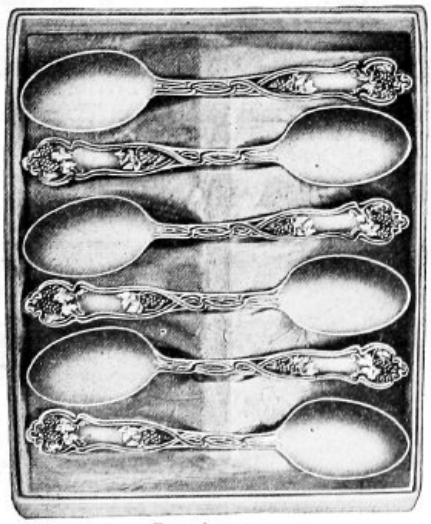
Vineyard—A1 or extra plate, French gray.....per dozen $9.00
HALF DOZEN IN A LINED BOX.

SOUP SPOONS.



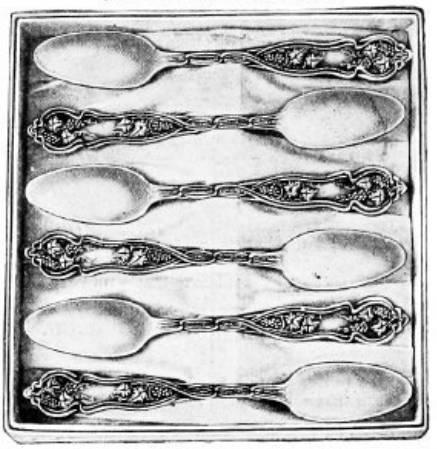
Vineyard—A1 or extra plate, French gray.....per dozen $10.50
HALF DOZEN IN A LINED BOX.

COFFEE SPOONS.



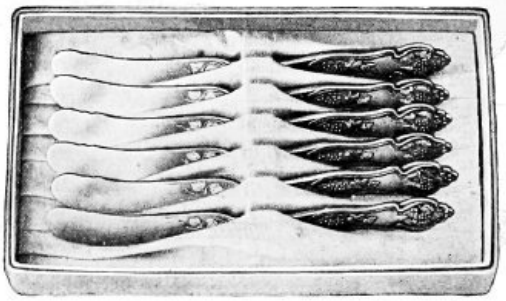
Vineyard—A1 or extra plate, French gray.....per dozen $4.70
Vineyard—A1 or extra plate, French gray, gilt bowl..... " 7.70
HALF DOZEN IN A LINED BOX.

ORANGE SPOONS.



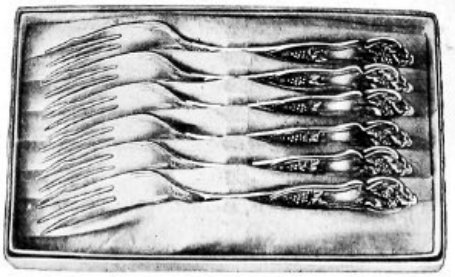
Vineyard—A1 or extra plate, French gray.....per dozen $ 6.00
Vineyard—A1 or extra plate, French gray, gilt bowl..... " 10.00
HALF DOZEN IN A LINED BOX.

BUTTER SPREADERS.



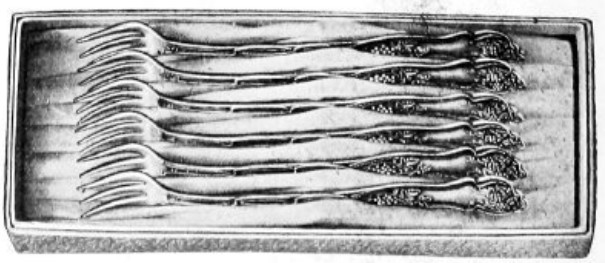
Vineyard—A1 or extra plate, French gray.....per dozen $8.50
HALF DOZEN IN A LINED BOX.

INDIVIDUAL SALAD FORKS.



Vineyard—A1 or extra plate, French gray.....per dozen $9.50
HALF DOZEN IN A LINED BOX.

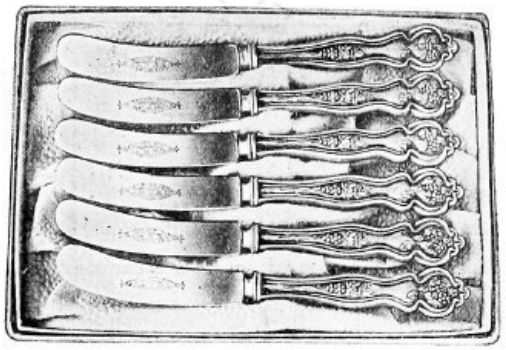
OYSTER FORKS.



Vineyard—A1 or extra plate, French gray.....per dozen $6.30
HALF DOZEN IN A LINED BOX.

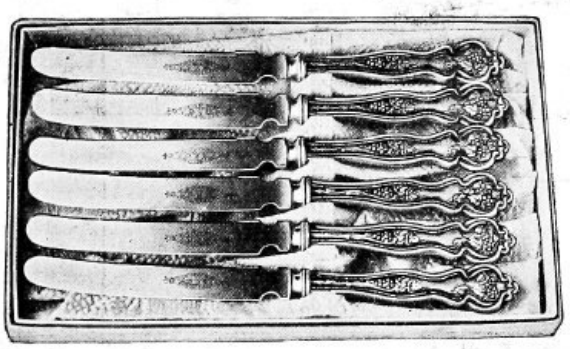
OUR VERY BEST SILVER PLATED HOLLOW HANDLE WARE.

HOLLOW HANDLE BUTTER SPREADERS.



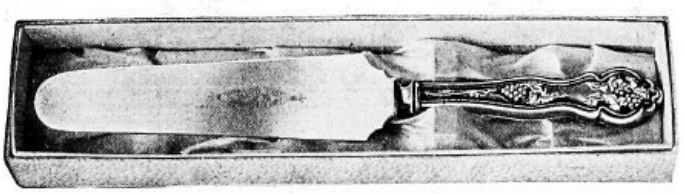
Vineyard—Triple plate, French gray.....per dozen $15.00
HALF DOZEN IN A LINED BOX.

HOLLOW HANDLE ORANGE KNIVES.



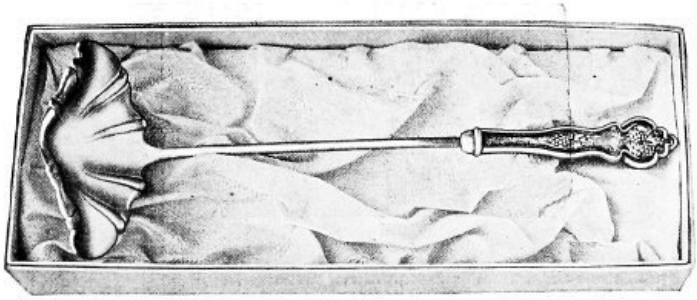
Vineyard—Triple plate, French gray.....per dozen $15.00
HALF DOZEN IN A LINED BOX.

HOLLOW HANDLE PIE SERVERS.



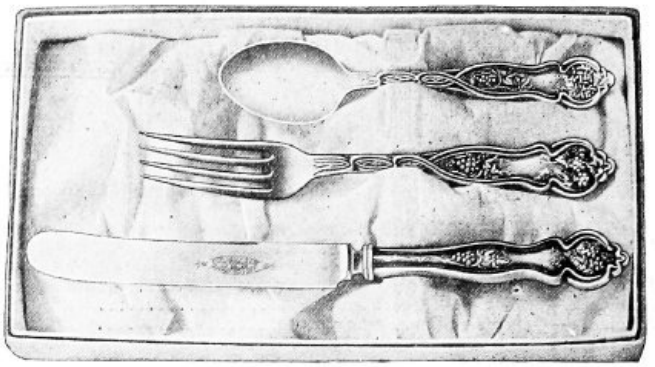
Vineyard—Triple plate, French gray.....per dozen $36.00
ONE IN A LINED BOX.

HOLLOW HANDLE PUNCH LADLES.



Vineyard—Triple plate, French gray.....per dozen $84.00
ONE IN A LINED BOX.

HOLLOW HANDLE CHILD SETS.



Vineyard—Triple plate, French gray.....per dozen $27.00
ONE SET IN A LINED BOX.

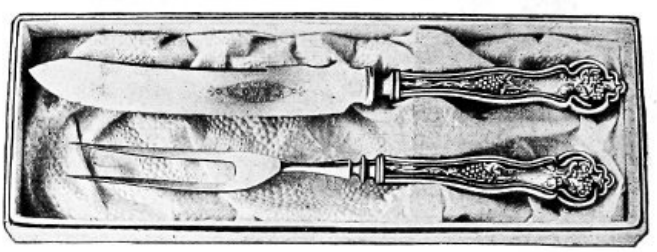
HOLLOW HANDLE KNIVES.

Vineyard—Medium, triple plate, French gray.....per dozen $16.00
Vineyard—Dessert, triple plate, French gray..... " 14.00
Vineyard—Breakfast, triple plate, French gray..... " 15.00
HALF DOZEN IN A LINED BOX.

HOLLOW HANDLE FORKS.

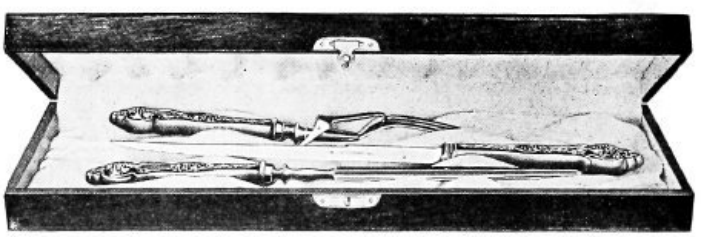
Vineyard—Medium, triple plate, French gray.....per dozen $16.00
Vineyard—Dessert, triple plate, French gray..... " 14.00
HALF DOZEN IN A LINED BOX.

HOLLOW HANDLE GAME CARVERS.



Vineyard—Triple plate, French gray..... per doz. prs. $96.00
ONE PAIR IN A LINED BOX.

HOLLOW HANDLE BEEF CARVERS.



Vineyard—Triple plate, French gray.....per doz. sets $144.00
ONE SET IN A LINED BOX.

OUR VERY BEST SILVER PLATED WARE.

SPOONS AND FORKS.

Full Size Cut Antoinette Tea Spoons, Showing the Design of all Goods in this Pattern.

GUARANTY—OVB Silverware is warranted to strip the amount of silver marked on the packages, and to be equal to that of any other manufacture. (*Signed*) *HIBBARD, SPENCER, BARTLETT & CO.*

		TEA SPOONS.	DESSERT SPOONS.	TABLE SPOONS.	DESSERT FORKS.	MED. FORKS.
Antoinette—A1 or extra plate, French gray	per dozen	$3.50	6.50	7.00	6.50	7.00
Antoinette—Triple plate, French gray	"	4.75	8.50	9.50	8.50	9.50
Antoinette—Quintuple plate, French gray	"	6.50	11.00	13.00	11.00	13.00

ONE DOZEN IN A BOX.

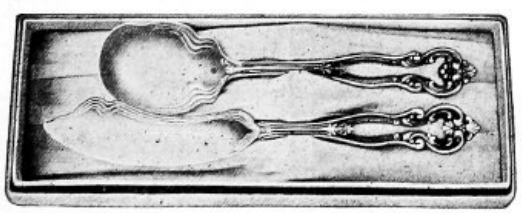
SUGAR SHELLS.

Antoinette—A1 or extra plate, French gray.....per dozen $9.00
ONE DOZEN IN A BOX.

BUTTER KNIVES.

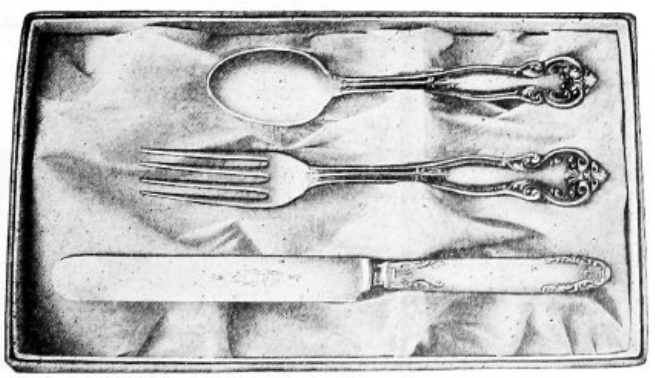
Antoinette—A1 or extra plate, French gray.....per dozen $10.50
ONE DOZEN IN A BOX.

BUTTER AND SUGAR SETS.



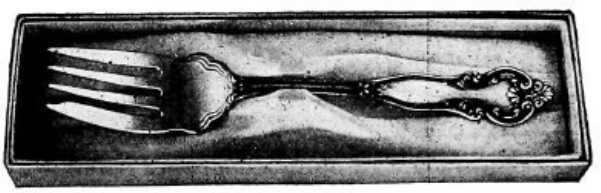
Antoinette—A1 or extra plate, French gray.....per doz. sets $22.00
ONE SET IN A LINED BOX.

CHILD SETS.



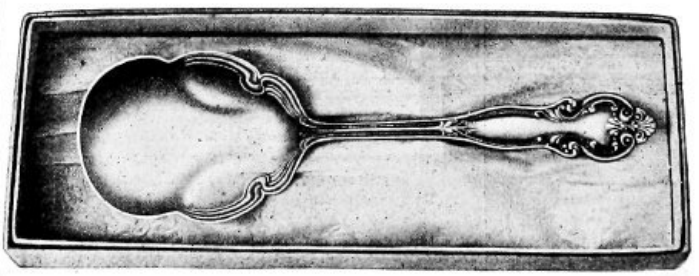
Antoinette—A1 or extra plate, French gray.....per doz. sets $24.00
ONE SET IN A LINED BOX.

COLD MEAT FORKS.



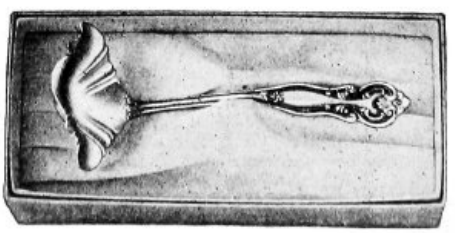
Antoinette—A1 or extra plate, French gray.....per dozen $15.00
Antoinette—A1 or extra plate, French gray, gilt tines... " 21.00
ONE IN A LINED BOX.

BERRY SPOONS.



Antoinette—A1 or extra plate, French gray.....per dozen $24.00
Antoinette—A1 or extra plate, French gray, gilt bowl.. " 33.00
ONE IN A LINED BOX.

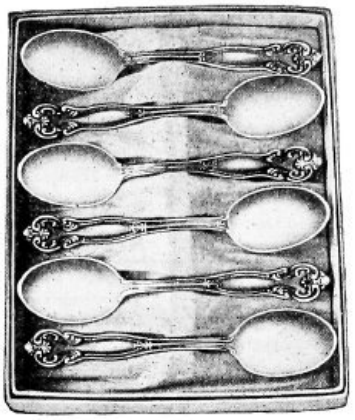
LADLES.



Antoinette—Cream, A1 or extra plate, French gray.....per dozen $13.50
Antoinette—Cream, A1 or extra plate, French gray, gilt bowl " 19.20
Antoinette—Gravy, A1 or extra plate, French gray..... " 18.00
Antoinette—Gravy, A1 or extra plate, French gray, gilt bowl " 27.00
Antoinette—Medium, A1 or extra plate, French gray..... " 48.00
ONE IN A LINED BOX.

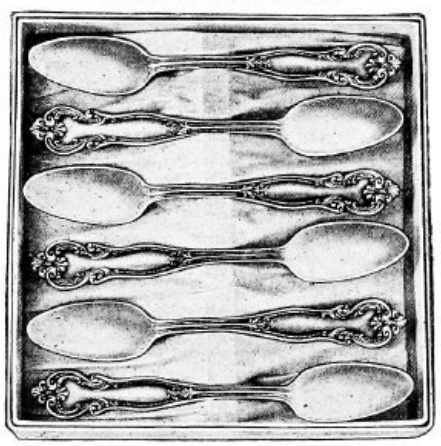
OYB SILVER PLATED WARE.

COFFEE SPOONS.



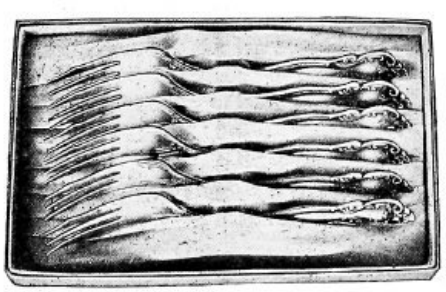
Antoinette—A1 or extra plate, French gray.....per dozen $4.70
Antoinette—A1 or extra plate, French gray, gilt bowl..... " 7.70
HALF DOZEN IN A LINED BOX.

ORANGE SPOONS.



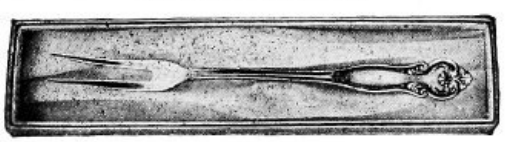
Antoinette—A1 or extra plate, French gray.....per dozen $ 6.00
Antoinette—A1 or extra plate, French gray, gilt bowl... " 10.00
HALF DOZEN IN A LINED BOX.

SALAD FORKS.



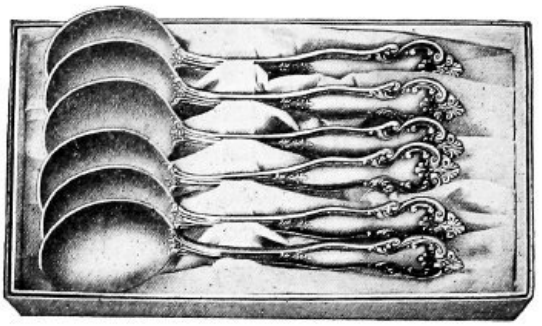
Antoinette—A1 or extra plate, French gray.....per dozen $9.50
HALF DOZEN IN A LINED BOX.

PICKLE FORKS.



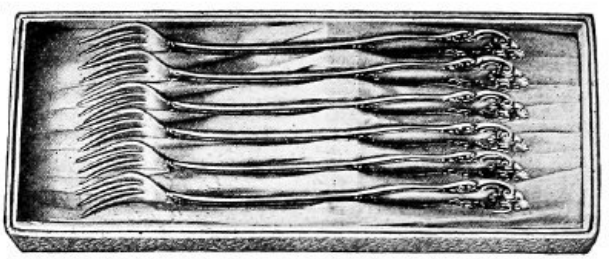
Antoinette—A1 or extra plate, French gray.....per dozen $13.00
ONE IN A LINED BOX.

BOUILLON AND SOUP SPOONS.



Antoinette—Bouillon, A1 or extra plate, French gray....per dozen $ 9.00
Antoinette—Soup, A1 or extra plate, French gray..... " 10.50
HALF DOZEN IN A LINED BOX.

OYSTER FORKS.

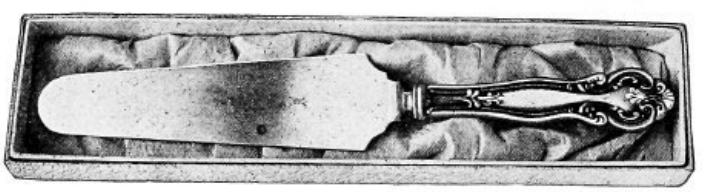


Antoinette—A1 or extra plate, French gray.....per dozen $6.30
HALF DOZEN IN A LINED BOX.

HOLLOW HANDLE BUTTER SPREADERS.

Antoinette—Triple plate, French gray.....per dozen $15.00
HALF DOZEN IN A LINED BOX.

HOLLOW HANDLE PIE SERVERS.



Antoinette—Triple plate, French gray..... per dozen $36.00
ONE IN A LINED BOX.

HOLLOW HANDLE KNIVES.

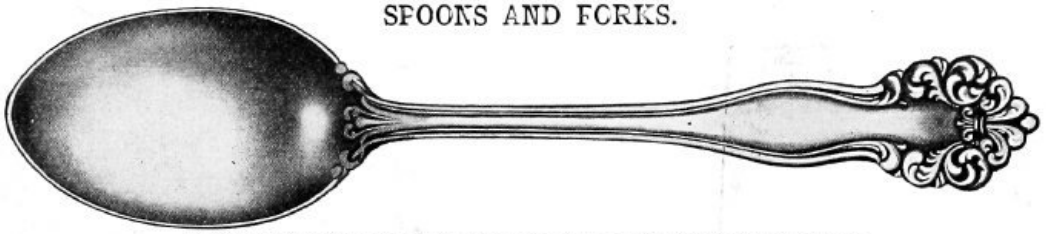
Antoinette—Medium, triple plate, French gray.....per dozen $16.00
Antoinette—Dessert, triple plate, French gray..... " 14.00
HALF DOZEN IN A LINED BOX.

HOLLOW HANDLE FORKS.

Antoinette—Medium, triple plate, French gray.....per dozen $16.00
Antoinette—Dessert, triple plate, French gray..... " 14.00
HALF DOZEN IN A LINED BOX.

OVB SILVER PLATED WARE.

SPOONS AND FORKS.



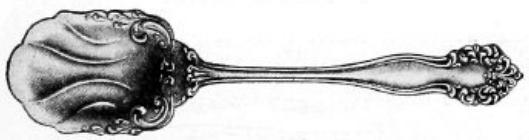
Full Size Cut Iros Tea Spoons, Showing the Design of all Goods in this Pattern.

GUARANTY—OVB Silverware is warranted to strip the amount of silver marked on the packages, and to equal best that of any other manufacture.
(Signed) HIBBARD, SPENCER, BARTLETT & CO.

		TEA SPOONS.	DESSERT SPOONS.	TABLE SPOONS	DESSERT FORKS.	MED. FORKS.
Iros—Bright, A1 or extra plate	per dozen	$3.50	6.25	7.00	.....	.....
Iros—Bright, triple plate	"	4.75	8.50	9.50	8.50	9.50
Iros—Bright, quintuple plate	"	6.50	11.00	13.00	11.00	13.00
Iros—French gray, A1 or extra plate	"	3.50	6.25	7.00	6.25	7.00
Iros—French gray, triple plate	"	4.75	8.50	9.50	8.50	9.50
Iros—French gray, quintuple plate	"	6.50	11.00	13.00	11.00	13.00

ONE DOZEN IN A BOX.

SUGAR SHELLS.



Iros—Bright, A1 or extra plate ..... per dozen $3.00
Iros—French gray, A1 or extra plate ..... " 9.00

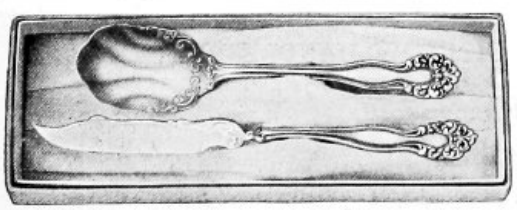
ONE DOZEN IN A BOX.

BUTTER KNIVES.

Iros—Bright, A1 or extra plate ..... per dozen $10.50
Iros—French gray, A1 or extra plate ..... " 10.50

ONE DOZEN IN A BOX.

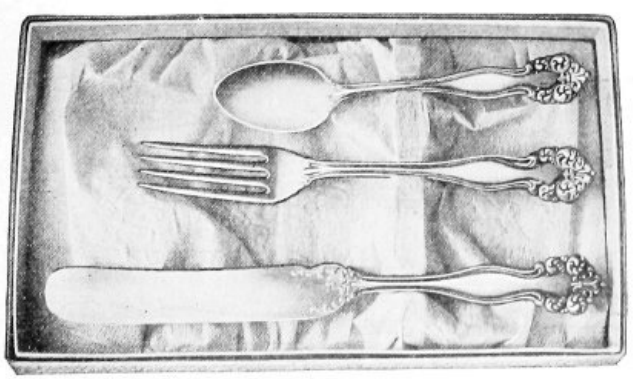
BUTTER AND SUGAR SETS.



Iros—Bright, A1 or extra plate ..... per doz. sets $22.00
Iros—French gray, A1 or extra plate ..... " " 22.00

ONE SET IN A LINED BOX.

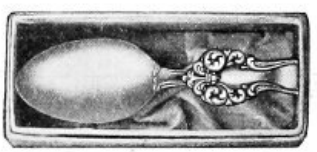
CHILD SETS.



Iros—French gray, A1 or extra plate ..... per doz. sets $24.00

ONE SET IN A LINED BOX.

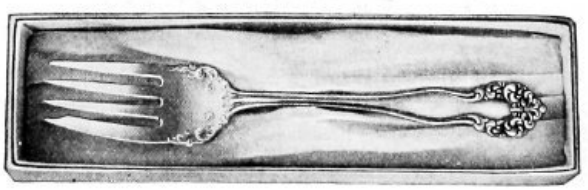
BABY SPOONS.



Iros—Bright, A1 or extra plate ..... per dozen $7.50

ONE IN A LINED BOX.

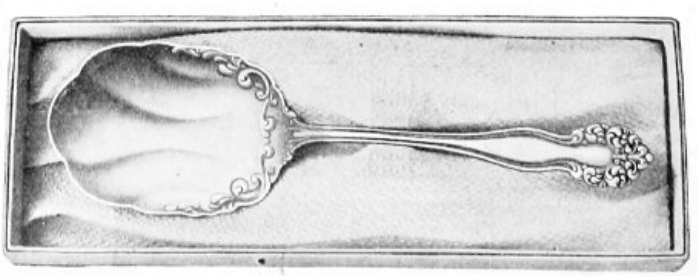
COLD MEAT FORKS.



Iros—Bright, A1 or extra plate ..... per dozen $15.00
Iros—French gray, A1 or extra plate ..... " 15.00
Iros—French gray, A1 or extra plate, gilt tines ..... " 21.00

ONE IN A LINED BOX.

BERRY SPOONS.

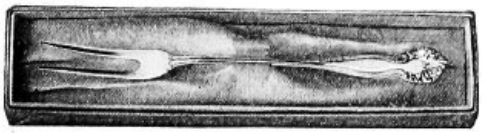


Iros—Bright, A1 or extra plate ..... per dozen $24.00
Iros—French gray, A1 or extra plate ..... " 24.00
Iros—French gray, A1 or extra plate, gilt bowl ..... " 33.00

ONE IN A LINED BOX.

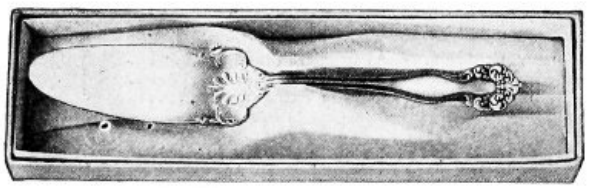
OYB SILVER PLATED WARE.

PICKLE FORKS.



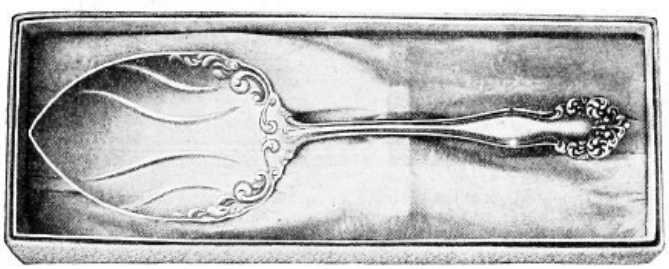
Iros—Bright, A1 or extra plate.....per dozen $13.50
Iros—French gray, A1 or extra plate..... " 13.50
ONE IN A LINED BOX.

JELLY KNIVES.



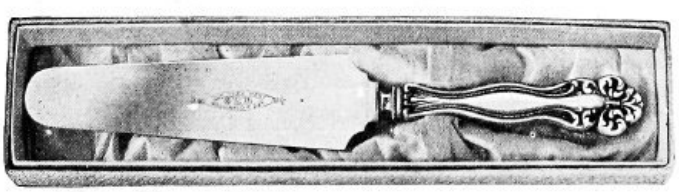
Iros—French gray, A1 or extra plate.....per dozen $18.00
ONE IN A LINED BOX.

PIE KNIVES.



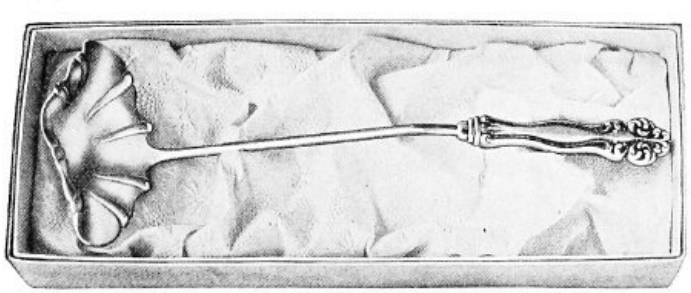
Iros—French gray, A1 or extra plate.....per dozen $30.00
ONE IN A LINED BOX.

HOLLOW HANDLE PIE SERVERS.



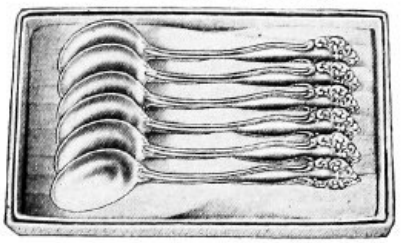
Iros—French gray, triple plate..... per dozen $36.00
ONE IN A LINED BOX.

HOLLOW HANDLE PUNCH LADLES.



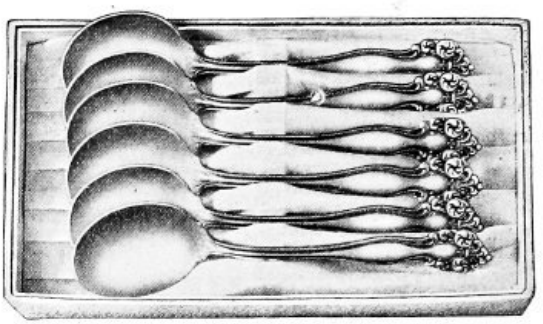
Iros—French gray, triple plate..... per dozen $84.00
ONE IN A LINED BOX.

BOUILLON SPOONS.



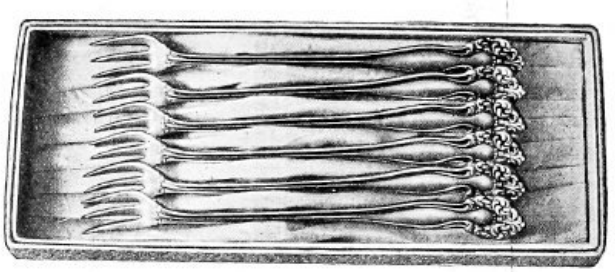
Iros—Bright, A1 or extra plate.....per dozen $9.00
Iros—French gray, A1 or extra plate..... " 9.00
HALF DOZEN IN A LINED BOX.

SOUP SPOONS.



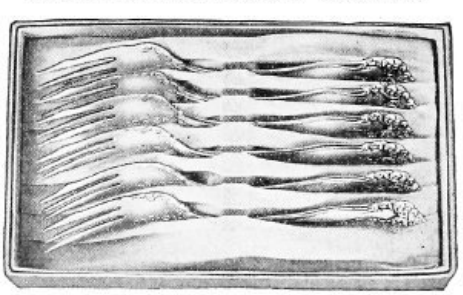
Iros—Bright, A1 or extra plate.....per dozen $10.50
Iros—French gray, A1 or extra plate..... " 10.50
HALF DOZEN IN A LINED BOX.

OYSTER FORKS.



Iros—Bright, A1 or extra plate.....per dozen $6.30
Iros—French gray, A1 or extra plate..... " 6.30
HALF DOZEN IN A LINED BOX.

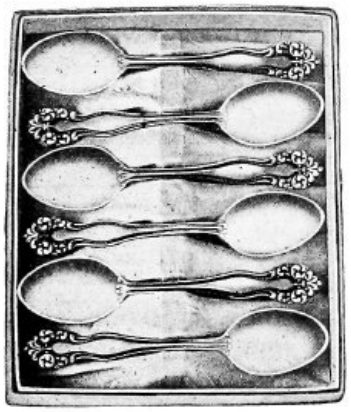
INDIVIDUAL SALAD FORKS.



Iros—French gray, A1 or extra plate.....per dozen $9.50
HALF DOZEN IN A LINED BOX.

OUR VERY BEST SILVER PLATED WARE.

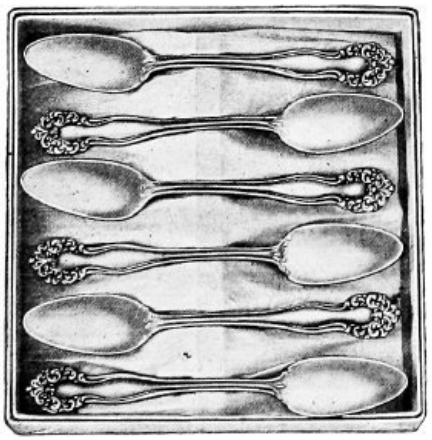
COFFEE SPOONS.



Iros—Bright, A1 or extra plate	per dozen	$4.70
Iros—French gray, A1 or extra plate	"	4.70
Iros—French gray, A1 or extra plate, gilt bowl	"	7.70

HALF DOZEN IN A LINED BOX.

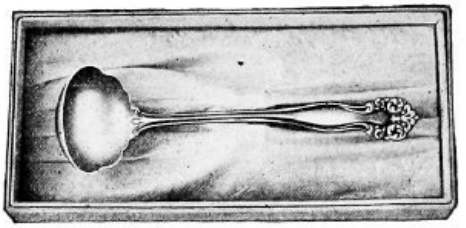
ORANGE SPOONS.



Iros—Bright, A1 or extra plate	per dozen	$ 6.00
Iros—French gray, A1 or extra plate	"	6.00
Iros—French gray, A1 or extra plate, gilt bowl	"	10.00

HALF DOZEN IN A LINED BOX.

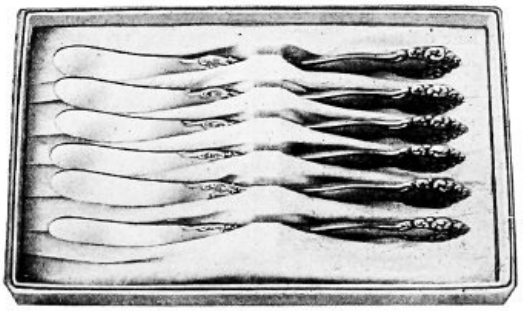
LADLES.



Iros—Cream, bright, A1 or extra plate	per dozen	$13.50
Iros—Cream, French gray, A1 or extra plate	"	13.50
Iros—Cream, French gray, A1 or extra plate, gilt bowl	"	19.50
Iros—Gravy, bright, A1 or extra plate	"	18.00
Iros—Gravy, French gray, A1 or extra plate	"	18.00
Iros—Gravy, French gray, A1 or extra plate, gilt bowl	"	27.00
Iros—Medium, bright, A1 or extra plate	"	48.00
Iros—Medium, French gray, A1 or extra plate	"	48.00

ONE IN A LINED BOX.

BUTTER SPREADERS.



Iros—Bright, A1 or extra plate	per dozen	$8.50
Iros—French gray, A1 or extra plate	"	8.50

HALF DOZEN IN A LINED BOX.

HOLLOW HANDLE KNIVES.

Iros—Medium, bright, triple plate	per dozen	$16.00
Iros—Medium, French gray, triple plate	"	16.00
Iros—Dessert, bright, triple plate	"	14.00
Iros—Dessert, French gray, triple plate	"	14.00

HALF DOZEN IN A LINED BOX.

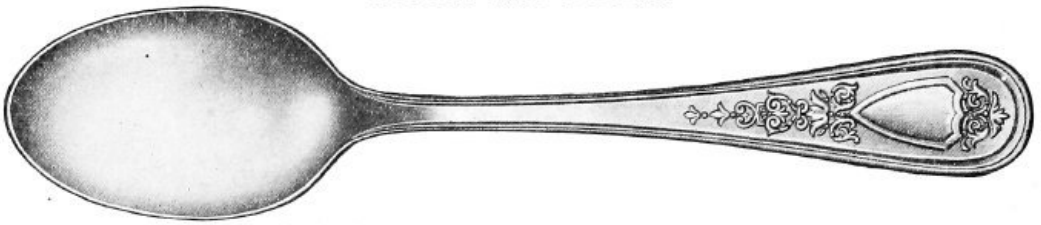
HOLLOW HANDLE FORKS.

Iros—Medium, bright, triple plate	per dozen	$16.00
Iros—Medium, French gray, triple plate	"	16.00
Iros—Dessert, bright, triple plate	"	14.00
Iros—Dessert, French gray, triple plate	"	14.00

HALF DOZEN IN A LINED BOX.

OVB SILVER PLATED WARE.

SPOONS AND FORKS.



Full Size Cut Pilgrim Tea Spoons, Showing the Design of all Goods in this Pattern.

GUARANTY.—OVB *Silverware is warranted to strip the amount of silver marked on the packages, and to be equal to that of any other manufacture.*
(Signed) HIBBARD, SPENCER, BARTLETT & CO.

		TEA SPOONS.	DESSERT SPOONS.	TABLE SPOONS.	DESSERT FORKS.	MED. FORKS.
Pilgrim—A1 or extra plate, French gray	per dozen	$3.50	6.25	7.00	6.25	7.00
Pilgrim—Triple plate, French gray	"	4.75	8.50	9.50	8.50	9.50
Pilgrim—Quintuple plate, French gray	"	6.50	11.00	13.00	11.00	13.00

ONE DOZEN IN A BOX.

SUGAR SHELLS.

Pilgrim—A1 or extra plate, French gray . . . . . per dozen $ 9.00
Pilgrim—A1 or extra plate, French Gray, gilt bowl . . . " 13.00

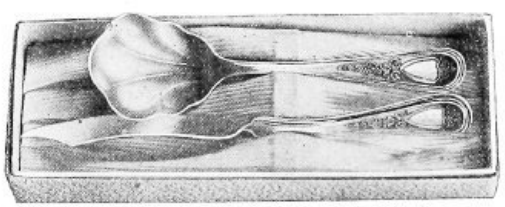
ONE DOZEN IN A BOX.

BUTTER KNIVES.

Pilgrim—A1 or extra plate, French gray. . . . . per dozen $10.50

ONE DOZEN IN A BOX.

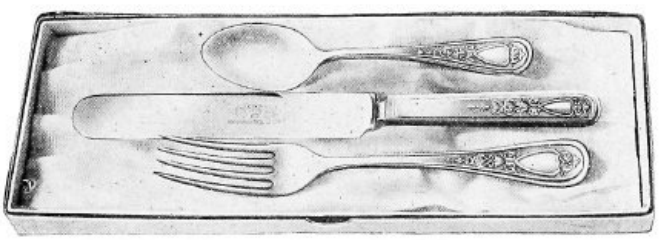
BUTTER AND SUGAR SETS.



Pilgrim—A1 or extra plate, French gray . . . . . per dozen sets $22.00

ONE SET IN A LINED BOX.

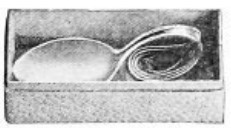
CHILD SETS.



Pilgrim—A1 or extra plate, French gray . . . . . per dozen sets $24.00

ONE SET IN A LINED BOX.

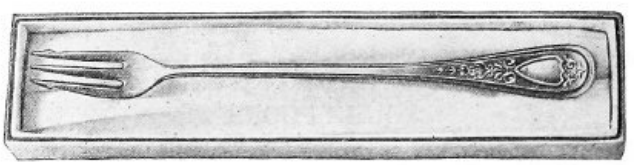
BABY SPOONS.



Pilgrim—A1 or extra plate, French gray. . . . . per dozen $7.50

ONE IN A LINED BOX.

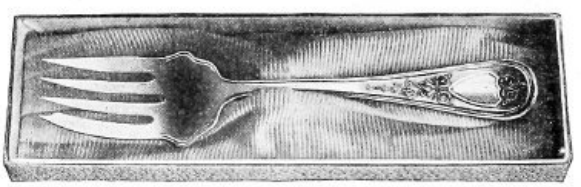
PICKLE FORKS.



Pilgrim—A1 or extra plate, French gray. . . . . per dozen $13.00

ONE IN A LINED BOX.

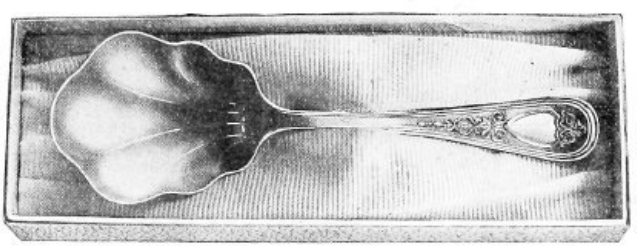
COLD MEAT FORKS.



Pilgrim—A1 or extra plate, French gray. . . . . per dozen $15.00
Pilgrim—A1 or extra plate, French gray, gilt tines . . . . . " 21.00

ONE IN A LINED BOX.

BERRY SPOONS.

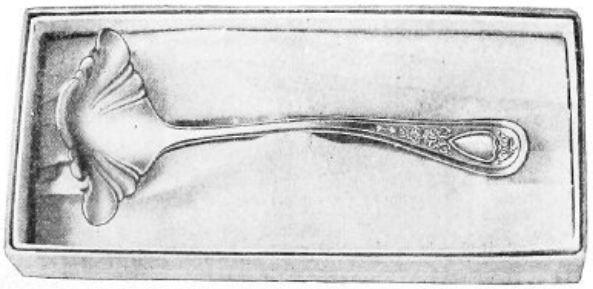


Pilgrim—A1 or extra plate, French gray. . . . . per dozen $24.00
Pilgrim—A1 or extra plate, French gray, gilt bowl. . . . . " 33.00

ONE IN A LINED BOX.

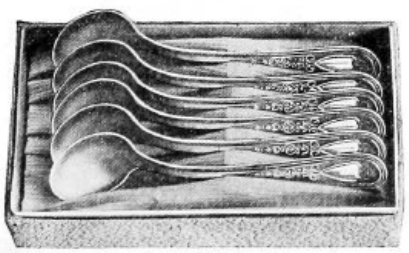
OVB SILVER PLATED WARE.

LADLES.



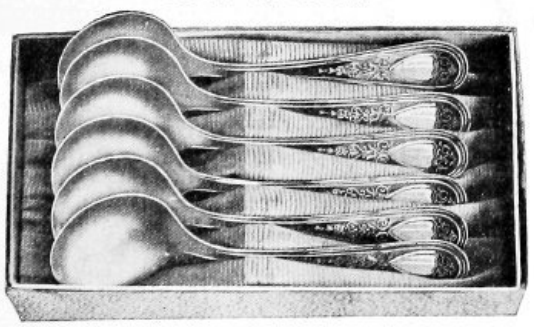
Pilgrim—Cream, A1 or extra plate, French gray ..... per dozen $13.50
Pilgrim—Cream, A1 or extra plate, French gray, gilt bowl, per dozen 19.50
Pilgrim—Gravy, A1 or extra plate, French gray ..... per dozen 18.00
Pilgrim—Gravy, A1 or extra plate, French gray, gilt bowl, per dozen 27.00
Pilgrim—Medium, A1 or extra plate, French gray..... per dozen 48.00
ONE IN A LINED BOX.

BOUILLON SPOONS.



Pilgrim—A1 or extra plate, French gray..... per dozen $9.00
HALF DOZEN IN A LINED BOX.

SOUP SPOONS.

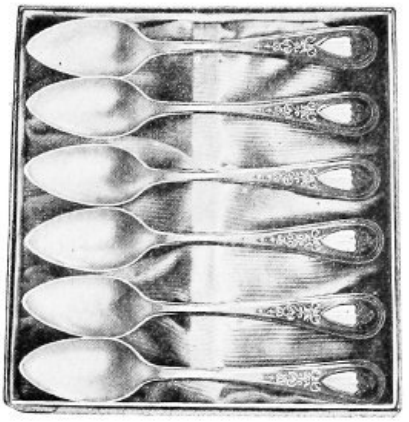


Pilgrim—A1 or extra plate, French gray..... per dozen $10.50
HALF DOZEN IN A LINED BOX.

COFFEE SPOONS.

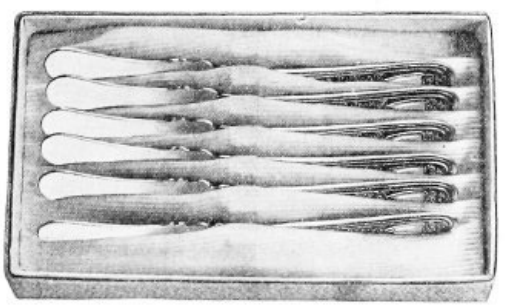
Pilgrim—A1 or extra plate, French gray..... per dozen $4.70
Pilgrim—A1 or extra plate, French gray, gilt bowl..... " 7.70
HALF DOZEN IN A LINED BOX.

ORANGE SPOONS.



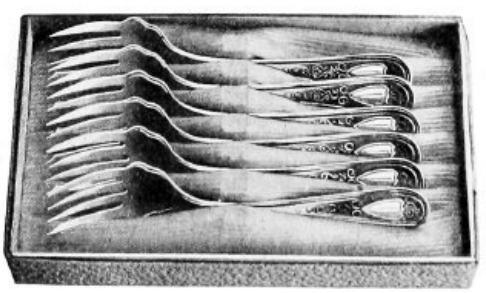
Pilgrim—A1 or extra plate, French gray..... per dozen $6.00
Pilgrim—A1 or extra plate, French gray, gilt bowl..... " 10.00
HALF DOZEN IN A LINED BOX.

BUTTER SPREADERS.



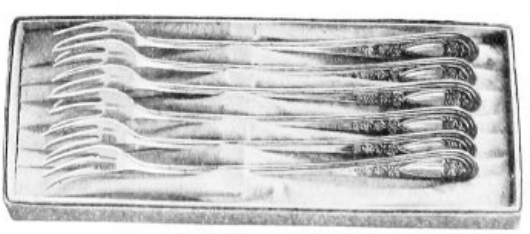
Pilgrim—A1 or extra plate, French gray..... per dozen $8.50
HALF DOZEN IN A LINED BOX.

SALAD FORKS.



Pilgrim—A1 or extra plate, French gray..... per dozen $9.50
HALF DOZEN IN A LINED BOX.

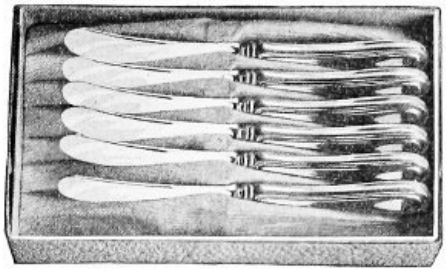
OYSTER FORKS.



Pilgrim—A1 or extra plate, French gray..... per dozen $6.30
HALF DOZEN IN A LINED BOX.

OVB SILVER PLATED WARE.

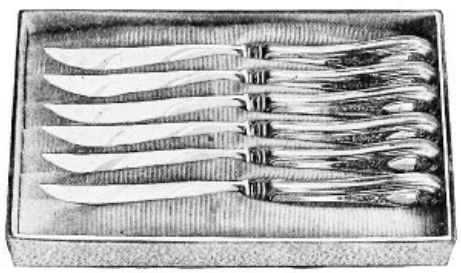
HOLLOW HANDLE BUTTER SPREADERS.



Pilgrim—Triple plate, French gray.....per dozen $15.00

HALF DOZEN IN A LINED BOX.

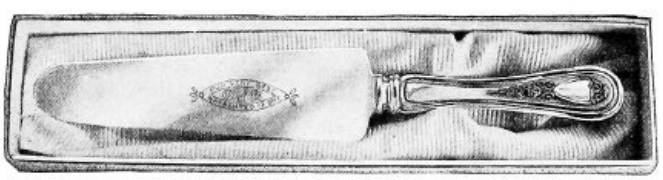
HOLLOW HANDLE FRUIT KNIVES.



Pilgrim—Triple plate, French gray.....per dozen $15.00

HALF DOZEN IN A LINED BOX.

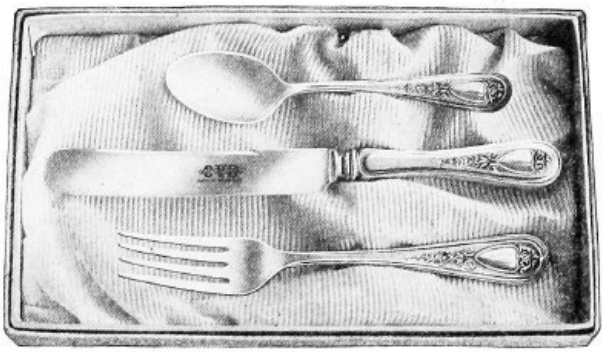
HOLLOW HANDLE PIE SERVERS.



Pilgrim—Triple plate, French gray.....per dozen $36.00

ONE IN A LINED BOX.

HOLLOW HANDLE CHILD SETS.



Pilgrim—Triple plate, French gray.....per dozen sets $27.00

ONE SET IN A LINED BOX.

HOLLOW HANDLE KNIVES.

Pilgrim—Medium, triple plate, French gray.....per dozen $16.00

Pilgrim—Dessert, triple plate, French gray..... " 14.00

HALF DOZEN IN A LINED BOX.

HOLLOW HANDLE FORKS.

Pilgrim—Medium, triple plate, French gray.....per dozen $16.00

Pilgrim—Dessert, triple plate, French gray..... " 14.00

HALF DOZEN IN A LINED BOX.

SILVERWARE ASSORTMENTS.

No. 23 Assortment.

Substantial Wood Chest, Covered with Green Leatherette, White Lined Throughout, Brass Catch and Drawer Pull, Containing 26 Pieces.

No. 23 ◆V◆	—Pilgrim Pattern	per assortment	$14.00
No. 24 ◆V◆	—Vineyard Pattern	" "	14.00
No. 25 ◆V◆	—Shell Satin Pattern	" "	13.70

Contents.

½ doz. Triple plated solid handle medium knives.
½ " Triple plated solid handle medium forks.
½ " A1 tea spoons.
½ " A1 table spoons.
1 only A1 sugar shell.
1 " A1 butter knife.

The above assortment can be furnished with triple plated tea spoons and table spoons instead of A1 plate as follows:

No. 27 ◆V◆	—Pilgrim Pattern	per assortment	$15.50
No. 28 ◆V◆	—Vineyard Pattern	" "	15.50
No. 29 ◆V◆	—Shell Satin Pattern	" "	14.00

Case, as described above, contaihing 48 pieces.

No. 30 ◆V◆	—Pilgrim Pattern	per assortment	$26.50
No. 31 ◆V◆	—Vineyard Pattern	" "	26.50
No. 32 ◆V◆	—Shell Satin Pattern	" "	23.80

Contents

1 doz. ◆V◆ Triple plated solid handle medium knives.
1 " ◆V◆ Triple plated solid handle medium forks.
1 " ◆V◆ A1 tea spoons.
½ " ◆V◆ A1 dessert spoons.
½ " ◆V◆ A1 table spoons.
1 only ◆V◆ A1 sugar shell.
1 " ◆V◆ A1 butter knife.

No. 16 Assortment.

Substantial Solid Oak Case, Golden Oak Finish, White Lined Throughout, Nickel Plated Handles, Catch and Drawer Pull, Containing 26 Pieces.

No. 16 ◆V◆	—Pilgrim Pattern	per assortment	$23.50
No. 15 ◆V◆	—Vineyard Pattern	" "	23.50
No. 14 ◆V◆	—Iros French Gray Pattern	" "	23.50
No. 13 ◆V◆	—Iros Bright Pattern	" "	23.50
No. 12 ◆V◆	—Antoinette Pattern	" "	23.50

Contents.

½ doz. ◆V◆ Hollow handle medium knives.
½ " ◆V◆ Triple plated medium forks.
½ " ◆V◆ Triple plated tea spoons.
½ " ◆V◆ Triple plated table spoons.
1 only ◆V◆ A1 sugar shell.
1 " ◆V◆ A1 butter knife.

No. 17 Assortment.

Black Leatherette Covered Case, Red Satin Lined, with Brass Catch, Containing 24 Pieces.

No. 17—Assortment . . . . . per assortment $11.50

Contents.

½ doz. ◆V◆ Triple plated plain solid handle medium knives.
½ " ◆V◆ Triple plated plain solid handle medium forks.
½ " ◆V◆ A1 Iros bright tea spoons.
½ " ◆V◆ A1 Iros bright table spoons.

★ROGERS & BRO. SILVER PLATED WARE.

SPOONS AND FORKS.

	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	DESSERT FORKS	MED. FORKS
Florette—A1 or extra plate, French gray.....per dozen	$4.75	8.50	9.50	8.50	9.50
Florette—Triple plate, French gray..... "	6.50	11.00	13.00	11.00	13.00

ONE DOZEN IN A BOX.

BUTTER KNIVES.

Florette—A1 or extra plate, French gray.....per dozen $10.50

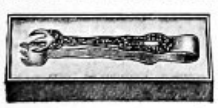
ONE DOZEN IN A BOX.

SUGAR SHELLS.

Florette—A1 or extra plate, French gray.....per dozen $9.00

ONE DOZEN IN A BOX.

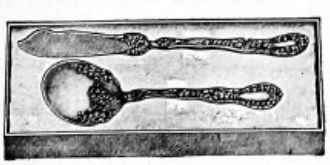
SUGAR TONGS.



Florette—A1 or extra plate, French gray.....per dozen $18.00

ONE IN A BOX.

BUTTER AND SUGAR SETS.



Florette—A1 or extra plate, French gray.....per dozen sets $22.00

ONE SET IN A BOX.

SUGAR TONGS AND COFFEE SPOON SETS.

Florette—A1 or extra plate, French gray.....per dozen sets $51.00

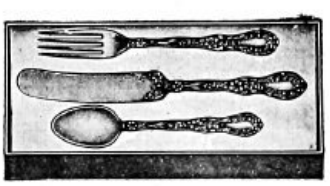
ONE SET IN A BOX.

BABY SPOONS.

Florette—A1 or extra plate, French gray.....per dozen $7.50

ONE IN A BOX.

CHILD SETS.



Florette—A1 or extra plate, French gray.....per dozen sets $24.00

ONE SET IN A BOX.

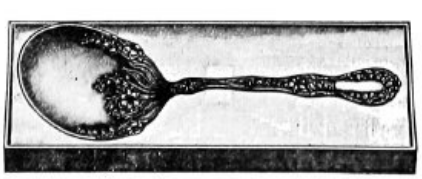
COLD MEAT FORKS.

Florette—A1 or extra plate, French gray.....per dozen $15.00

Florette—A1 or extra plate, French gray, gilt tines.....per dozen 21.00

ONE IN A BOX.

BERRY SPOONS.

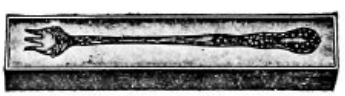


Florette—A1 or extra plate, French gray.....per dozen $24.00

Florette—A1 or extra plate, French gray, gilt bowl.....per dozen 33.00

HALF DOZEN IN A BOX.

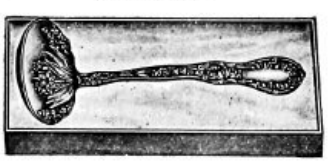
PICKLE FORKS.



Florette—A1 or extra plate, French gray.....per dozen $13.00

ONE IN A BOX.

LADLES.



Florette—Cream, A1 or extra plate, French gray.....per dozen $13.50

Florette—Cream, A1 or extra plate, French gray, *gilt bowl*....per dozen 19.50

Florette—Gravy, A1 or extra plate, French gray.....per dozen 18.00

Florette—Gravy, A1 or extra plate, French gray, *gilt bowl*....per dozen 27.00

Florette—Oyster, A1 or extra plate, French gray.....per dozen 39.00

Florette—Medium, A1 or extra plate, French gray.....per dozen 48.00

ONE IN A BOX.

TOMATO SERVERS.

Florette—A1 or extra plate, French gray.....per dozen $24.00

ONE IN A BOX.

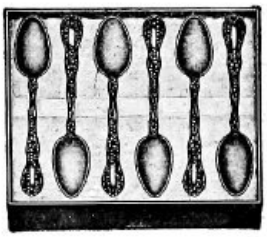
JELLY SHELLS.

Florette—A1 or extra plate, French gray.....per dozen $12.00

ONE IN A BOX.

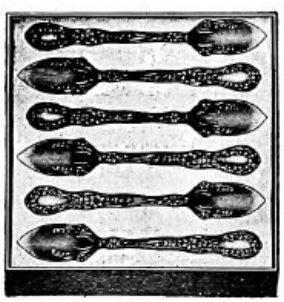
★ROGERS & BRO. SILVER PLATED WARE.

COFFEE SPOONS.



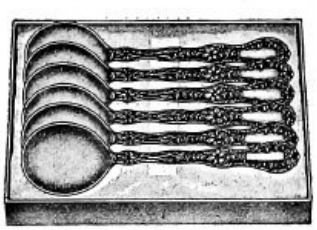
Florette—A1 or extra plate, French gray.....per dozen $4.70
Florette—A1 or extra plate, French gray, gilt bowl.....per dozen 7.70
HALF DOZEN IN A BOX.

ORANGE SPOONS.



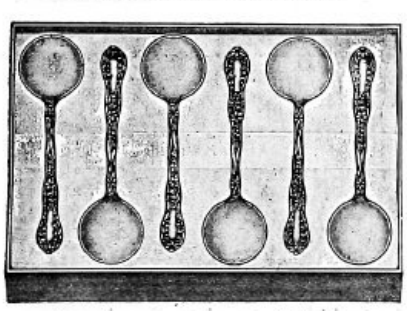
Florette—A1 or extra plate, French gray.....per dozen $6.00
Florette—A1 or extra plate, French gray, gilt bowl.....per dozen 10.00
HALF DOZEN IN A BOX.

SOUP SPOONS.



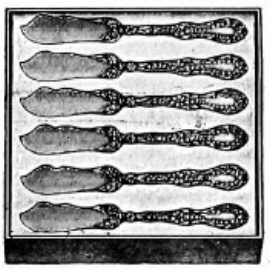
Florette—A1 or extra plate, French gray.....per dozen $10.50
HALF DOZEN IN A BOX.

BOUILLON SPOONS.



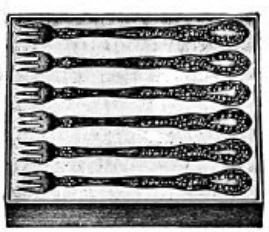
Florette—A1 or extra plate, French gray.....per dozen $9.00
HALF DOZEN IN A BOX.

BUTTER SPREADERS.



Florette—A1 or extra plate, French gray.....per dozen $8.50
HALF DOZEN IN A BOX.

OYSTER FORKS.

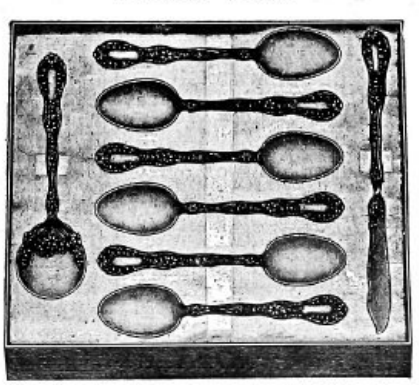


Florette—A1 or extra plate, French gray.....per dozen $6.30
HALF DOZEN IN A BOX.

INDIVIDUAL SALAD FORKS.

Florette—A1 or extra plate, French gray.....per dozen $9.50
HALF DOZEN IN A BOX.

TEA SPOONS, BUTTER AND SUGAR SETS.



Florette—A1 or extra plate, French gray.....per dozen $54.00
ONE SET IN A BOX.

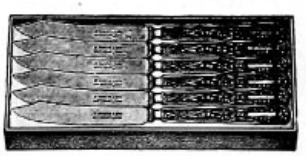
ICE TEA SPOONS.

Florette—A1 or extra plate, French gray.....per dozen $6.50
ONE DOZEN IN A BOX.

HOLLOW HANDLE PIE SERVERS.

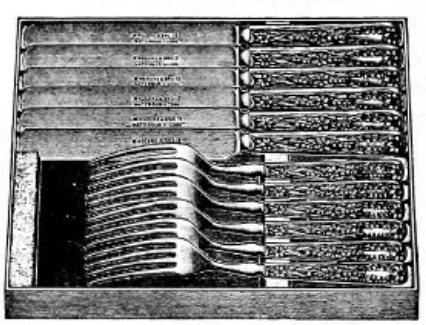
Florette—Triple plate, French gray, per dozen..... $36.00
ONE IN A BOX.

FRUIT KNIVES.



No. 1340—Florette, 6¼ in. long, triple plated steel.....per dozen $5.50
HALF DOZEN IN A BOX.

KNIVES AND FORKS.



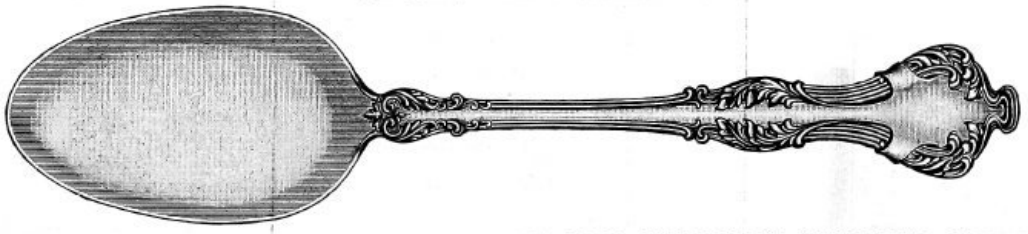
No. 1332—Florette, triple plated steel knives and triple plated nickel forks in combination display box, per set..... $6.00
ONE SET IN A BOX.

HOLLOW HANDLE KNIVES AND FORKS.

Florette—Medium Knives, triple plate, French gray.....per dozen $16.00
Florette—Dessert Knives, triple plate, French gray.....per dozen 14.00
Florette—Medium Forks, triple plate, French gray.....per dozen 16.00
HALF DOZEN IN A BOX.

★ROGERS & BRO. SILVER PLATED WARE.

SPOONS AND FORKS.



	TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	DESSERT FORKS	MED. FORKS
Crest—A1 or extra plate, French gray.....per dozen	$3.50	6.25	7.00		
Crest—Triple plate, French gray..... "	4.75	8.50	9.50	8.50	9.50

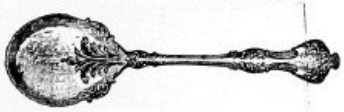
ONE DOZEN IN A BOX.

BUTTER KNIVES.

Crest—A1 or extra plate, French gray, per dozen..... $10.50

ONE DOZEN IN A BOX.

SUGAR SHELLS.



Crest—A1 or extra plate, French gray, per dozen..... $9.00

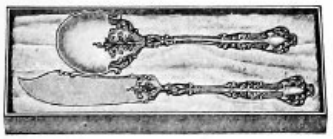
ONE DOZEN IN A BOX.

SUGAR TONGS.

Crest—A1 or extra plate, French gray, per dozen..... $18.00

ONE IN A BOX.

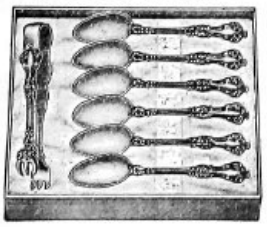
BUTTER AND SUGAR SETS.



Crest—A1 or extra plate, French gray, per dozen sets..... $22.00

ONE SET IN A BOX.

SUGAR TONG AND COFFEE SPOON SETS.



Crest—A1 or extra plate, French gray, per dozen sets..... $51.00

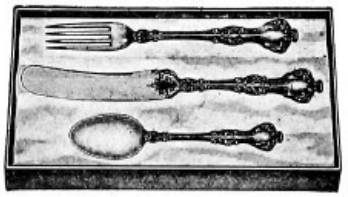
ONE SET IN A BOX.

BABY SPOONS.

Crest—A1 or extra plate, French gray, per dozen..... $7.50

ONE IN A BOX.

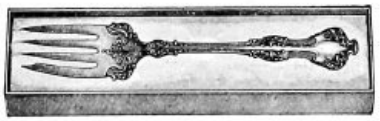
CHILD SETS.



Crest—A1 or extra plate, French gray, per dozen sets..... $24.00

ONE SET IN A BOX.

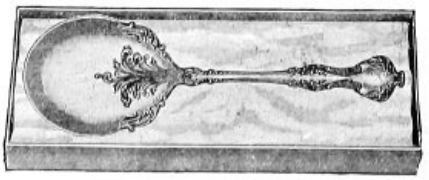
COLD MEAT FORKS.



Crest—A1 or extra plate, French gray, per dozen..... $15.00
Crest—A1 or extra plate, French gray, gilt tines.....per dozen 21.00

ONE IN A BOX.

BERRY SPOONS.



Crest—A1 or extra plate, French gray, per dozen..... $24.00
Crest—A1 or extra plate, French gray, gilt bowl.....per dozen 33.00

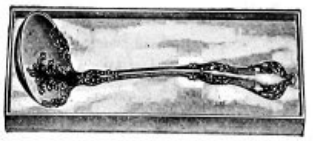
HALF DOZEN IN A BOX.

PICKLE FORKS.

Crest—A1 or extra plate, French gray, per dozen..... $13.00

ONE IN A BOX.

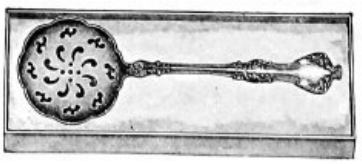
LADLES.



Crest—Cream, A1 or extra plate, French gray.....per dozen $13.50
Crest—Cream, A1 or extra plate, French gray, *gilt bowl*.....per dozen 19.50
Crest—Gravy, A1 or extra plate, French gray.....per dozen 18.00
Crest—Gravy, A1 or extra plate, French gray, *gilt bowl*.....per dozen 27.00
Crest—Oyster, A1 or extra plate, French gray.....per dozen 39.00
Crest—Medium, A1 or extra plate, French gray.....per dozen 48.00

ONE IN A BOX.

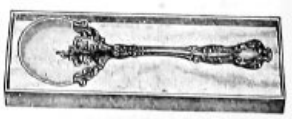
TOMATO SERVERS.



Crest—A1 or extra plate, French gray, per dozen..... $24.00

ONE IN A BOX.

JELLY SHELLS.

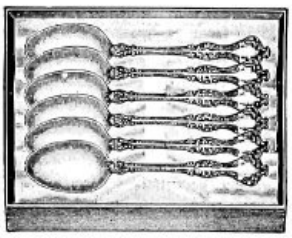


Crest—A1 or extra plate, French gray, per dozen..... $12.00

ONE IN A BOX.

★ROGERS & BRO. SILVER PLATED WARE.

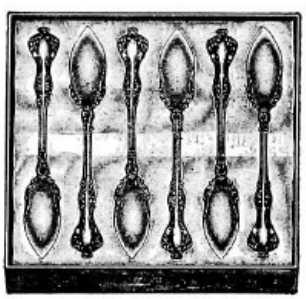
COFFEE SPOONS.



Crest—A1 or extra plate, French gray, per dozen..... $4.70
Crest—A1 or extra plate, French gray, gilt bowl.....per dozen 7.70

HALF DOZEN IN A BOX.

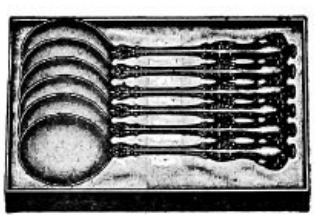
ORANGE SPOONS.



Crest—A1 or extra plate, French gray, per dozen..... $6.00
Crest—A1 or extra plate, French gray, gilt bowl.....per dozen 10.00

HALF DOZEN IN A BOX.

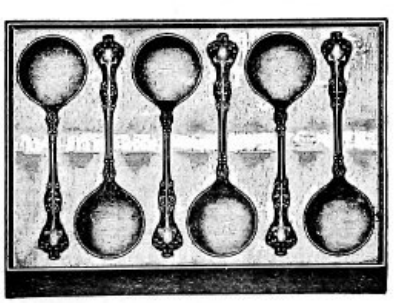
SOUP SPOONS.



Crest—A1 or extra plate, French gray, per dozen..... $10.50

HALF DOZEN IN A BOX.

BOUILLON SPOONS.



Crest—A1 or extra plate, French gray, per dozen..... $9.00

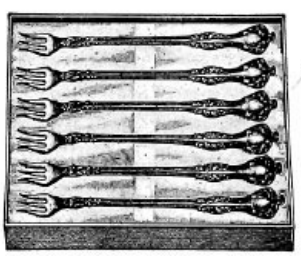
HALF DOZEN IN A BOX.

BUTTER SPREADERS.

Crest—A1 or extra plate, French gray, per dozen..... $8.50

HALF DOZEN IN A BOX.

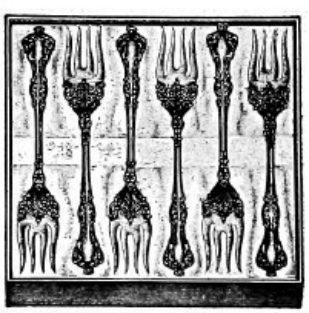
OYSTER FORKS.



Crest—A1 or extra plate, French gray, per dozen..... $6.30

HALF DOZEN IN A BOX.

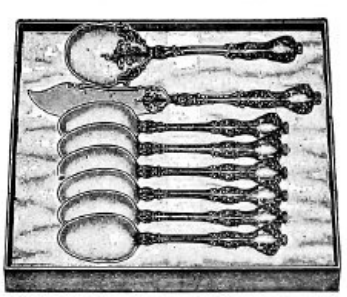
INDIVIDUAL SALAD FORKS.



Crest—A1 or extra plate, French gray, per dozen..... $9.50

HALF DOZEN IN A BOX.

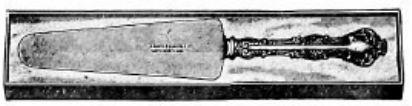
TEASPOONS, BUTTER AND SUGAR SETS.



Crest—A1 or extra plate, French gray, per dozen sets..... $54.00

ONE SET IN A BOX.

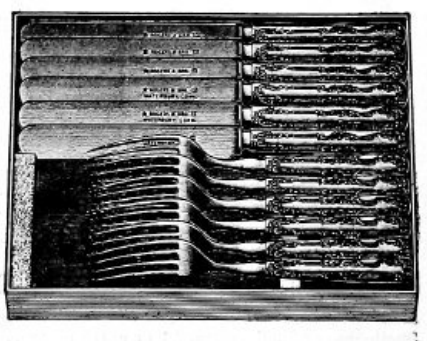
HOLLOW HANDLE PIE SERVERS.



Crest—Triple plate, French gray, per dozen..... $36.00

ONE IN A BOX.

KNIVES AND FORKS.



No. 1335—Crest, triple plated steel knives and triple plated nickel forks in combination display box, per set..... $6.00

ONE SET IN A BOX.

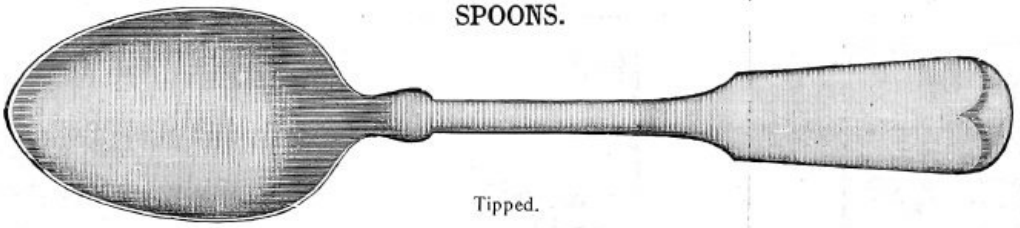
HOLLOW HANDLE KNIVES AND FORKS.

Crest—Medium Knives, triple plate, French gray.....per dozen $16.00
Crest—Dessert Knives, triple plate, French gray.....per dozen 14.00
Crest—Medium Forks, triple plate, French gray.....per dozen 16.00
Crest—Dessert Forks, triple plate, French gray.....per dozen 14.00

HALF DOZEN IN A BOX.

★ROGERS & BRO. SILVER PLATED WARE.

SPOONS.



Tipped.

		TEA SPOONS	DESSERT SPOONS	TABLE SPOONS
Tipped—A1 or extra plate	per dozen	$4.25	7.50	8.50
Tipped—Triple plate	"	6.00	10.00	12.00

ONE DOZEN IN A BOX.

BUTTER KNIVES AND SUGAR SHELLS.

Tipped—Butter Knives, A1 or extra plate	per dozen	$10.00
Tipped—Sugar Shells, A1 or extra plate	"	8.00

ONE DOZEN IN A BOX.

SPOONS.

Shell.

		TEA SPOONS	DESSERT SPOONS	TABLE SPOONS
Shell—Satin, A1 or extra plate	per dozen	$4.25	7.50	8.50
Shell—Satin, triple plate	"	6.00	10.00	12.00

ONE DOZEN IN A BOX.

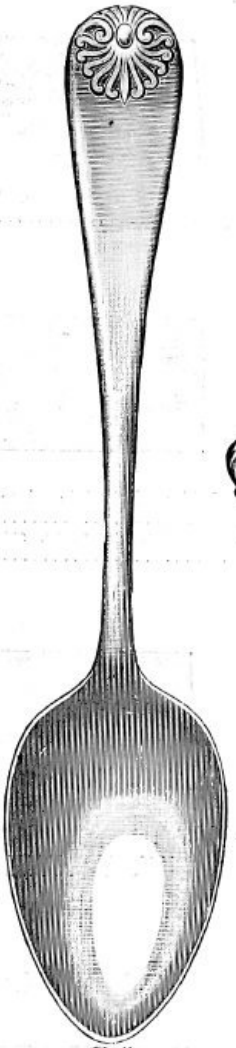
BUTTER KNIVES AND SUGAR SHELLS.

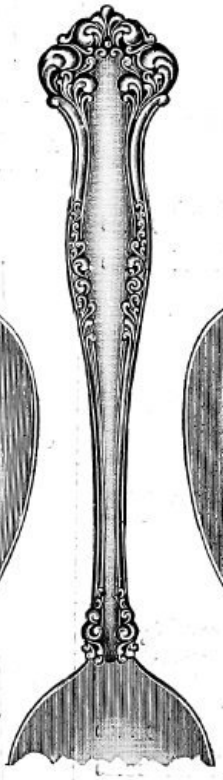
Shell—Butter Knives, satin, A1 or extra plate	per dozen	$10.00
Shell—Sugar Shells, satin, A1 or extra plate	"	8.00

ONE DOZEN IN A BOX.

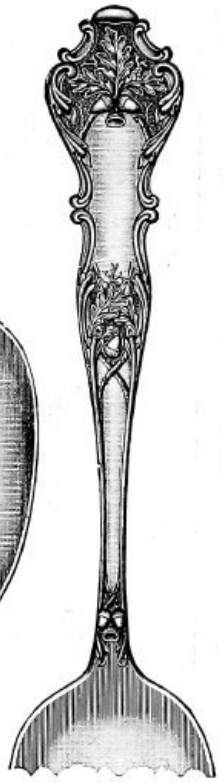
"1847 ROGERS BROS." SILVER PLATED WARE.

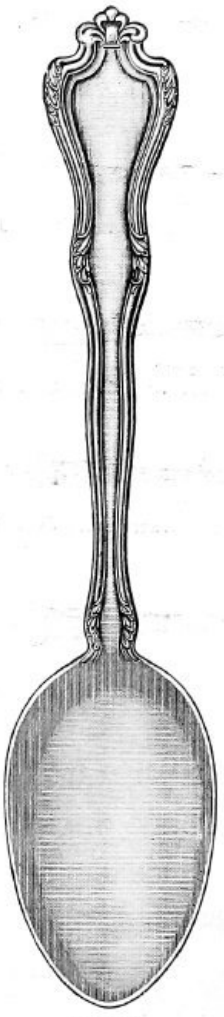
Tipped.


Shell.


Avon.

Berkshire.


Charter Oak.


Faneuil.

Vintage.

		TEA SPOONS	DESSERT SPOONS	TABLE SPOONS	MEDIUM FORKS	DESSERT FORKS
Tipped, XS triple plate	per dozen	$4.25	$ 7.50	$ 8.50	$ 8.50	$7.50
Tipped, XS sectional plate	"	5.00	8.50	10.00	10.00	8.50
Tipped, XS quintuple plate	"	6.00	10.00	12.00	12.00	10.00
Shell, XS triple plate	"	4.25	7.50	8.50	8.50	7.50
Shell, XS sectional plate	"	5.00	8.50	10.00	10.00	8.50
Shell, XS quintuple plate	"	6.00	10.00	12.00	12.00	10.00
Avon, XS triple plate	"	4.75	8.50	9.50	9.50	8.50
Avon, XS sectional plate	"	5.50	9.50	11.00	11.00	9.50
Avon, XS quintuple plate	"	6.50	11.00	13.00	13.00	11.00
Berkshire, XS triple plate	"	4.75	8.50	9.50	9.50	8.50
Berkshire, XS sectional plate	"	5.50	9.50	11.00	11.00	9.50
Berkshire, XS quintuple plate	"	6.50	11.00	13.00	13.00	11.00
Charter Oak, XS triple plate	"	4.75	8.50	9.50	9.50	8.50
Charter Oak, XS sectional plate	"	5.50	9.50	11.00	11.00	9.50
Charter Oak, XS quintuple plate	"	6.50	11.00	13.00	13.00	11.00
Faneuil, XS triple plate	"	4.75	8.50	9.50	9.50	8.50
Faneuil, XS sectional plate	"	5.50	9.50	11.00	11.00	9.50
Faneuil, XS quintuple plate	"	6.50	11.00	13.00	13.00	11.00
Vintage, XS triple plate, French gray	"	4.75	8.50	9.50	9.50	8.50
Vintage, XS quintuple plate, French gray	"	6.50	11.00	13.00	13.00	11.00

ONE DOZEN IN A BOX.

"1847 ROGERS BROS" SILVER PLATED WARE.

BUTTER KNIVES.

Tipped, XS triple plate.....per dozen $10.00

Shell, XS triple plate .....per dozen $10.00

Vintage, 7¼ in., XS triple plate, French gray .....per dozen $10.50

Avon, XS triple plate.....per dozen $10.50

Charter Oak, XS triple plate, French gray, per dozen..... $10.50

Faneuil, XS triple plate.....per dozen $10.50

Berkshire, XS triple plate.... per dozen $10.50
Berkshire, XS quintuple plate.. " 14.50
ONE DOZEN IN A BOX.

SUGAR TONGS.

Vintage, 4½ in., XS triple plate, French gray.....per dozen $18.00

Charter Oak, XS triple plate, French gray, per dozen..... $18.00

Berkshire, XS triple plate....per dozen $18.00
ONE-SIXTH DOZEN IN A BOX.

SUGAR SHELLS.

Tipped, XS triple plate, plain bowl, per doz. $ 8.00
Tipped, XS triple plate, gilt bowl. " 12.00

Shell, XS triple plate, plain bowl per doz. $ 8.00
Shell, XS triple plate, gilt bowl. " 12.00
ONE DOZEN IN A BOX.

Vintage, 6 in., XS triple plate, French gray, plain bowl.....per dozen $ 9.00
Vintage, 6 in., XS triple plate, French gray, gilt bowl.....per dozen 13.00

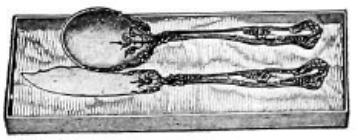
Avon, XS triple plate, plain bowl, per doz. $ 9.00
Avon, XS triple plate, gilt bowl. " 13.00

Charter Oak, XS triple plate, French gray, plain bowl.....per dozen $ 9.00
Charter Oak, XS triple plate, French gray, gilt bowl.....per dozen 13.00

Faneuil, XS triple plate, plain bowl, per doz. $ 9.00
Faneuil, XS triple plate, gilt bowl " 13.00

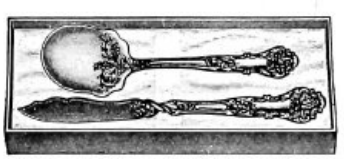
Berkshire, XS triple plate, plain bowl, per dozen..... $ 9.00
Berkshire, XS triple plate, gilt bowl, per dozen..... 13.00
Berkshire, XS quintuple plate, plain bowl ..... per dozen 11.00
ONE DOZEN IN A BOX.

BUTTER AND SUGAR SETS.



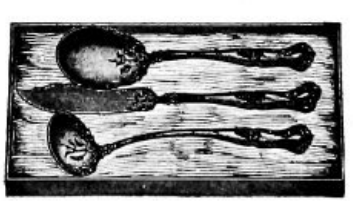
Vintage, XS triple plate, French gray, per set..... $1.84

Berkshire, XS triple plate, satin bowl, per set..... $1.84
Avon, XS triple plate, satin bowl, per set..... 1.84

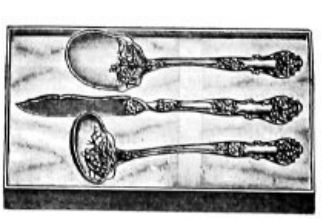


Charter Oak, XS triple plate, French gray.....per set $1.84
ONE SET IN A LINED BOX.

COMBINATION SETS.



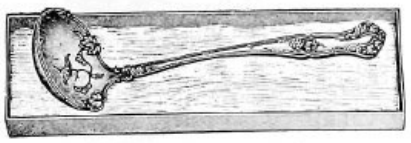
Vintage, (No. 702), XS triple plate, French gray, sugar shell, butter knife and cream ladle.....per set $3.25



Charter Oak, XS triple plate, French gray, butter knife, sugar shell and cream ladle.....per set $3.25
ONE SET IN A LINED BOX.

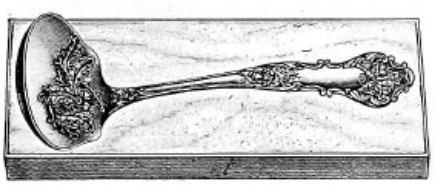
"1847 ROGERS BROS." SILVER PLATED WARE.

LADLES.



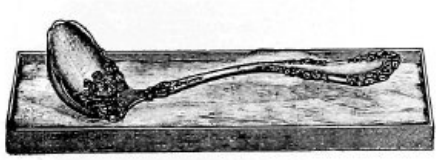
Vintage, cream, A1 or extra plate, French gray, plain bowl.....each $1.13
Vintage, gravy, A1 or extra plate, French gray, plain bowl.....each 1.50
Vintage, oyster, A1 or extra plate, French gray, plain bowl.....each 3.25
Vintage, medium, A1 or extra plate, French gray, plain bowl.....each 4.00

ONE IN A LINED BOX.



Charter Oak, cream, A1 or extra plate, French gray, plain bowl.....each $1.13
Charter Oak, gravy, A1 or extra plate, French gray, plain bowl.....each 1.50
Charter Oak, oyster, A1 or extra plate, French gray, plain bowl.....each 3.25
Charter Oak, medium, A1 or extra plate, French gray, plain bowl.....each 4.00

ONE IN A LINED BOX.

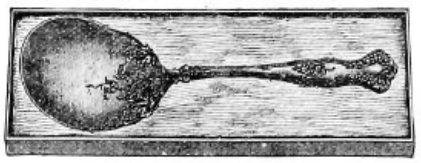


Berkshire.

	PLAIN BOWL
Berkshire Cream Ladles, A1 or extra plate.....each	$1.13
Berkshire Gravy Ladles, A1 or extra plate.....each	1.50
Berkshire Oyster Ladles, A1 or extra plate.....each	3.25
Berkshire Medium Soup Ladles, A1 or extra plate.....each	4.00
Berkshire Soup Ladles, A1 or extra plate.....each	4.25
Avon Gravy Ladles, A1 or extra plate, satin bowl.....each	1.50
Avon Oyster Ladles, A1 or extra plate, satin bowl.....each	3.25
Avon Medium Soup Ladles, A1 or extra plate, satin bowl.....each	4.00

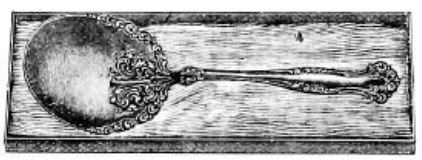
ONE IN A LINED BOX.

BERRY SPOONS.



	PLAIN BOWL	GILT BOWL
Vintage, 8¾ in., A1 or extra plate, French gray....each	$2.00	$2.75

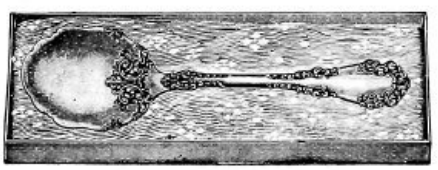
ONE IN A LINED BOX.



Avon.

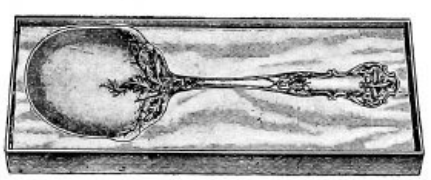
	PLAIN BOWL	GILT BOWL
Avon, A1 or extra plate..each	$2.00	$2.75
Faneuil, A1 or extra plate. "	2.00	2.75

ONE IN A LINED BOX.



	PLAIN BOWL	GILT BOWL
Berkshire, A1 or extra plate, each.....	$2.00	$2.75

ONE IN A LINED BOX.



	PLAIN BOWL	GILT BOWL
Charter Oak, A1 or extra plate, French gray....each	$2.00	$2.75

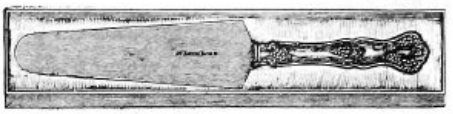
ONE IN A LINED BOX.

PICKLE FORKS.

Vintage, 7½ in., A1 or extra plate, French gray.....each $1.00

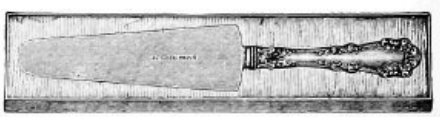
ONE IN A LINED BOX.

PIE SERVERS.



Vintage, 9¾ in., A1 or extra plate, French gray, hollow handle.....each $3.00

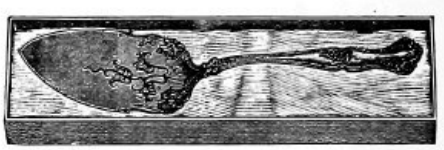
ONE IN A LINED BOX.



Berkshire pie server or ice cream slicer, A1 or extra plate, hollow handle..each $3.00

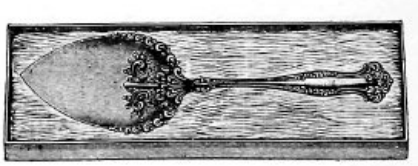
ONE IN A LINED BOX.

PIE KNIVES.



Vintage, 9½ in., A1 or extra plate, French gray, plain blade.....each $2.50
Vintage, 9½ in., A1 or extra plate, French gray, gilt blade.....each 3.25

ONE IN A LINED BOX.



Avon.

Avon, A1 or extra plate, plain blade.each $2.50
Avon, A1 or extra plate, gilt blade... " 3.25
Shell, A1 or extra plate, satin blade.. " 2.34
Charter Oak, A1 or extra plate, French gray.....each 2.50
Berkshire, A1 or extra plate, satin blade.....each 2.50

ONE IN A LINED BOX.

JELLY KNIVES.

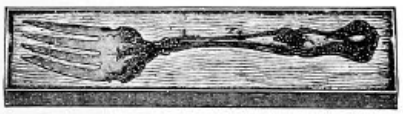
Avon.

Avon, A1 or extra plate, plain blade.each $1.50
Avon, A1 or extra plate, gilt blade... " 2.00
Berkshire, A1 or extra plate, plain blade, each..... 1.50

ONE IN A LINED BOX.

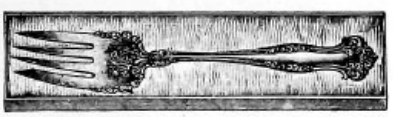
"1847 ROGERS BROS." SILVER PLATED WARE.

COLD MEAT FORKS.



	PLAIN TINES.	GILT TINES.
Vintage, 8¼ in., A1 or extra plate, French gray.....each	$1.25	$1.75

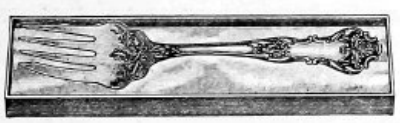
ONE IN A LINED BOX.



Avon.

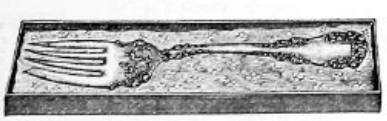
	PLAIN TINES.	GILT TINES.
Avon, A1 or extra plate.. each	$1.25	$1.75
Faneuil, A1 or extra plate.. "	1.25	1.75

ONE IN A LINED BOX.



	PLAIN TINES.	GILT TINES.
Charter Oak, A1 or extra plate, French gray.....each	$1.25	$1.75

ONE IN A LINED BOX.



	PLAIN TINES.	GILT TINES.
Berkshire, A1 or extra plate each	$1.25	$1.75

ONE IN A LINED BOX.

OYSTER FORKS.

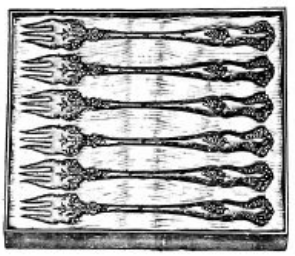
Avon, extra plate.....per dozen $6.30

Charter Oak, extra plate.....per dozen $6.30

Berkshire, extra plate.....per dozen $6.30

HALF DOZEN IN A LINED BOX.

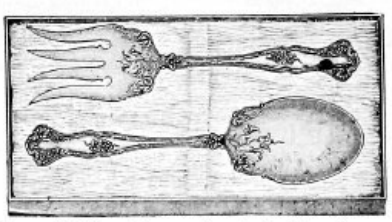
OYSTER FORKS.



Vintage, 6 in., A1 or extra plate, French gray.....per dozen $6.30

HALF DOZEN IN A LINED BOX.

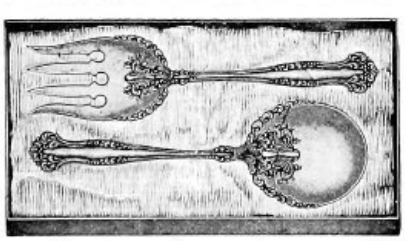
SALAD SETS.



Vintage, 8½ in., A1 or extra plate, French gray, plain bowl and tines.....per set $4.50

Vintage, 8½ in., A1 or extra plate, French gray, gold bowl and tines.....per set 6.00

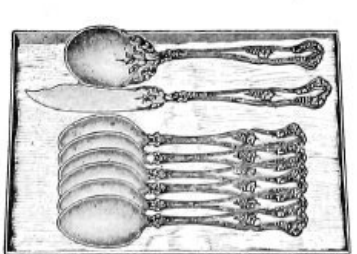
ONE SET IN A LINED BOX.



Avon, A1 or extra plate.....per set $5.50

ONE SET IN A LINED BOX.

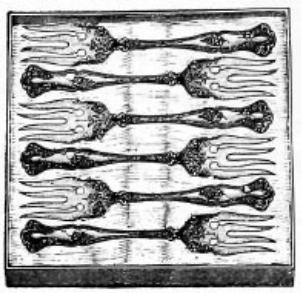
COMBINATION SETS.



Vintage (No. 710), A1 or extra plate, French gray, butter knife, sugar shell, and 6 tea spoons.....per set $4.50

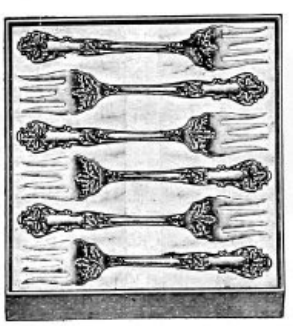
ONE SET IN A LINED BOX.

INDIVIDUAL SALAD FORKS.



	PLAIN TINES.	GILT TINES.
Vintage, 6¼ in., A1 or extra plate, French gray.....per dozen	$9.50	$13.50

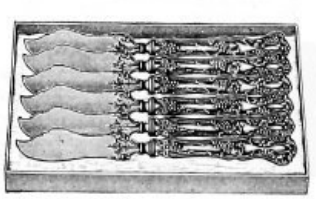
HALF DOZEN IN A LINED BOX.



Charter Oak, A1 or extra plate, French gray.....per dozen $9.50

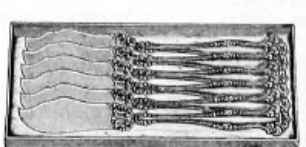
HALF DOZEN IN A LINED BOX.

BUTTER SPREADERS.



Vintage, 6¼ in., A1 or extra plate, French gray.....per dozen $8.50

HALF DOZEN IN A LINED BOX.

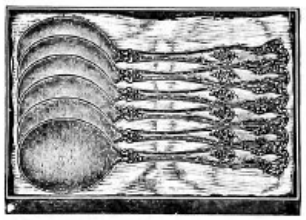


Avon, A1 or extra plate.....per dozen $8.50

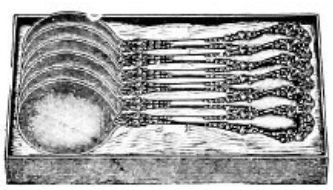
HALF DOZEN IN A LINED BOX.

"1847 ROGERS BROS." SILVER PLATED WARE.

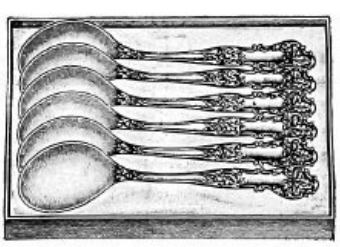
SOUP SPOONS.



Vintage, 7 in., A1 or extra plate, French gray.....per dozen $10.50
HALF DOZEN IN A LINED BOX.

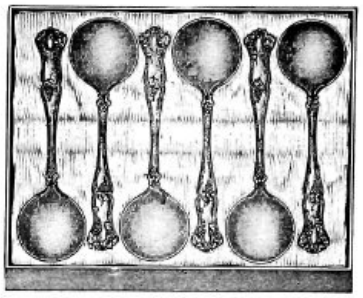


Berkshire, A1 or extra plate, round bowl, per dozen..... $10.50
HALF DOZEN IN A LINED BOX.

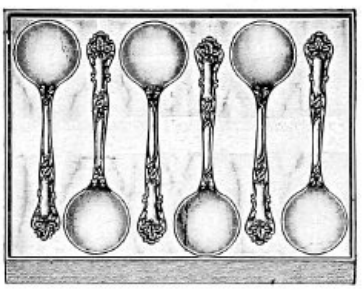


Charter Oak.
Charter Oak, A1 or extra plate, French gray.....per dozen $10.50
Faneuil, A1 or extra plate.... " 10.50
HALF DOZEN IN A LINED BOX.

BOUILLON SPOONS.

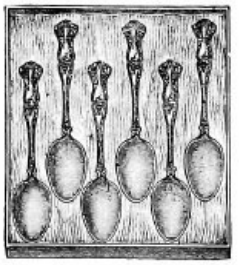


Vintage, 5¾ in., A1 or extra plate, French gray.....per dozen $9.00
HALF DOZEN IN A LINED BOX



Charter Oak, A1 or extra plate, French gray.....per dozen $9.00
HALF DOZEN IN A LINED BOX.

COFFEE SPOONS.

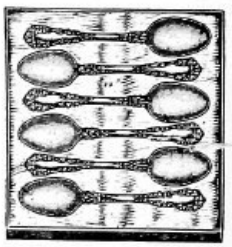


Vintage, 4½ in., A1 or extra plate, French gray, plain bowl.....per dozen $4.70
Vintage, 4½ in., A1 or extra plate, gilt bowls.....per dozen 7.70
HALF DOZEN IN A LINED BOX.

COFFEE SPOONS.

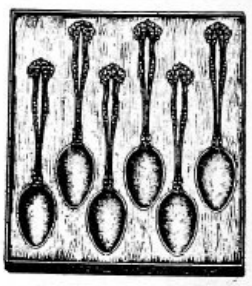
	PLAIN BOWL.	GILT BOWL.
Charter Oak, extra plate, French gray.....per dozen	$4.70	7.70

HALF DOZEN IN A LINED BOX.



	PLAIN BOWL.	GILT BOWL.
Berkshire, extra plate..per dozen	$4.70	7.70

HALF DOZEN IN A LINED BOX.



Avon.

	PLAIN BOWL.	GILT BOWL.
Avon, extra plate.....per dozen	$4.70	7.70

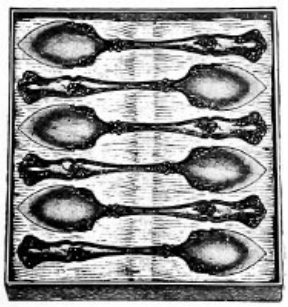
HALF DOZEN IN A LINED BOX.

	PLAIN BOWL.	GILT BOWL.
Faneuil, extra plate....per dozen	$4.70	7.70

HALF DOZEN IN A LINED BOX.

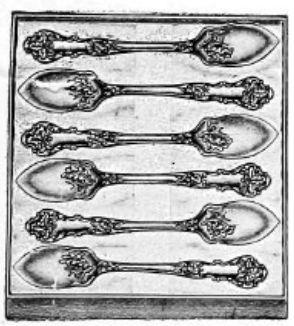
"1847 ROGERS BROS." SILVER PLATED WARE.

ORANGE SPOONS.



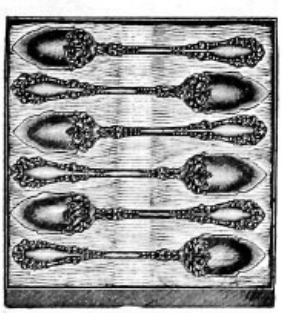
	PLAIN BOWL.	GILT BOWL.
Vintage, 5½ in., A1 or extra plate, French gray, per dozen	$6.00	$10.00

HALF DOZEN IN A LINED BOX.



	PLAIN BOWL.	GILT BOWL.
Charter Oak, extra plate, French gray, per dozen	$6.00	$10.00

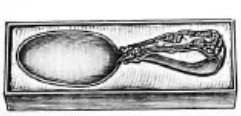
HALF DOZEN IN A LINED BOX.



	PLAIN BOWL.	GILT BOWL.
Berkshire, extra plate, per dozen	$6.00	$10.00

HALF DOZEN IN A LINED BOX.

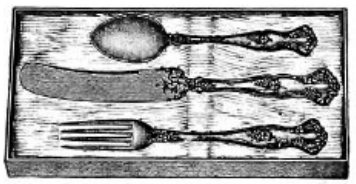
BABY SPOONS.



Vintage, 3⅝ in., A1 or extra plate, French gray, per dozen $7.50

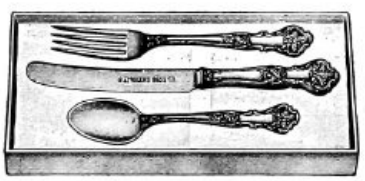
ONE IN A LINED BOX.

CHILDREN'S SETS.



Vintage, 3 pieces, A1 or extra plate, French gray, per set $2.00

ONE SET IN A LINED BOX.

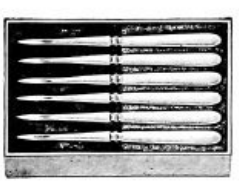


Charter Oak.

Charter Oak, 3 pieces, A1 or extra plate, French gray, per set $2.00
Avon, 3 pieces, A1 or extra plate, " 2.00
Berkshire, 3 pieces, A1 or extra plate, per set 2.00

ONE SET IN A LINED BOX.

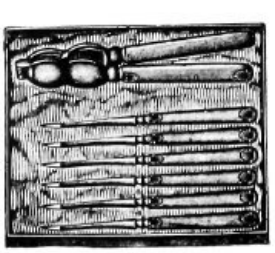
NUT PICKS.



No. 1628—Nut picks, triple plated on finest crucible steel, burnished or satin round end handles, per dozen $4.00

HALF DOZEN IN A LINED BOX.

NUT PICKS AND CRACKS.



No. 600—Nut picks and crack, 6 picks and 1 crack, triple plated on finest crucible steel, burnished or satin Shell pattern handles, per set $3.14

ONE SET IN A LINED BOX.

FRUIT SETS.

No. 243—Consisting of 6 fruit knives and 6 nut picks, extra plate on finest crucible steel, chased handles, per set $4.60

ONE SET IN A LINED BOX.

FRUIT KNIVES.

No. 1626—Windsor, triple plated on finest crucible steel, burnished or satin handle, per dozen $4.80

No. 1627—Arabesque, triple plated on finest crucible steel, per dozen $5.30

No. 1642—Vesta, triple plated on finest crucible steel, burnished or satin handle, per dozen $5.00

No. 1630—Shell pattern, triple plated on finest crucible steel, burnished or satin handle, per dozen $5.30

HALF DOZEN IN A LINED BOX.

"N. F. 1877" SILVER PLATED BAR GOODS.

TWIST HANDLE BAR SPOONS.

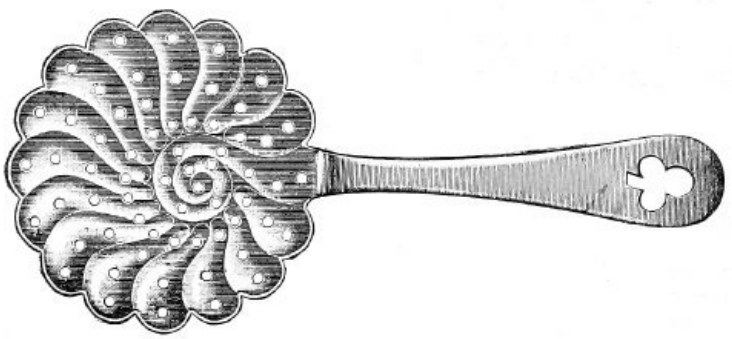
Full Size Cut No. 23.

Heavily Silver Plated on Solid Nickel Silver.

Nos.	21	22	23	24	25
Size,	0	½	1	2	3
Length,	4	4¾	5¼	6½	7⅝ in.
Per dozen,	$2.50	2.75	2.85	3.35	4.00

ONE DOZEN IN A BOX.

JULEP STRAINERS.



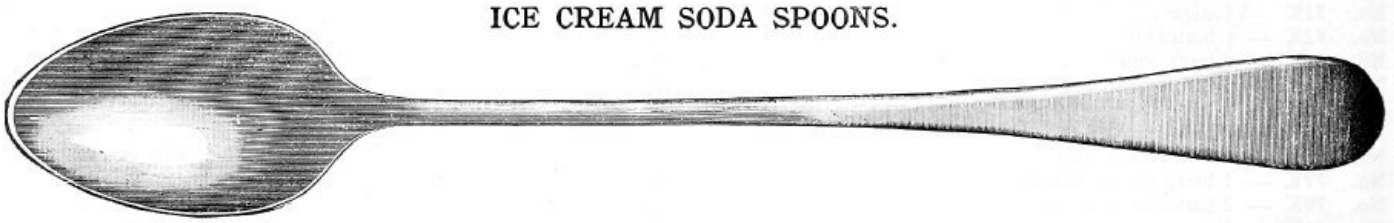
Full Size Cut No. 5.

Heavily Silver Plated on Solid Nickel Silver.

No. 5—4 in. (small), - per dozen $4.25
No. 6—8½ in. (large), - " 5.85

HALF DOZEN IN A BOX.

ICE CREAM SODA SPOONS.



Full Size Cut No. 3.

Heavily Silver Plated on Solid Nickel Silver.

No. 3—8 in., Windsor pattern, - per dozen $4.50
No. 4—9 in., Windsor pattern, - " 5.00

All "N. F. 1877" goods are heavily plated with pure silver on solid ten per cent. nickel silver and are very durable.

ONE DOZEN IN A BOX.

SHEFFIELD SILVER PLATED BAR SPOONS.

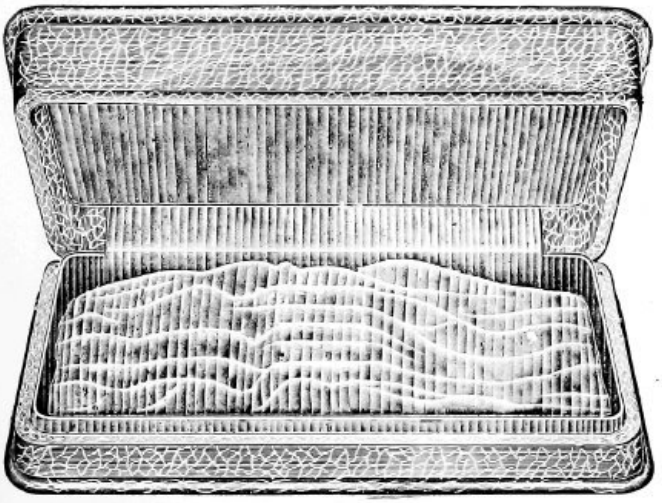
Full Size Cut No. 13.

Silver Plated, Twist Handle.

Nos.	11	12	13	14	15
Size,	0	½	1	2	3
Length,	4	4¾	5¼	6½	6½ in.
Per dozen,	$1.35	1.50	1.75	2.00	2.25

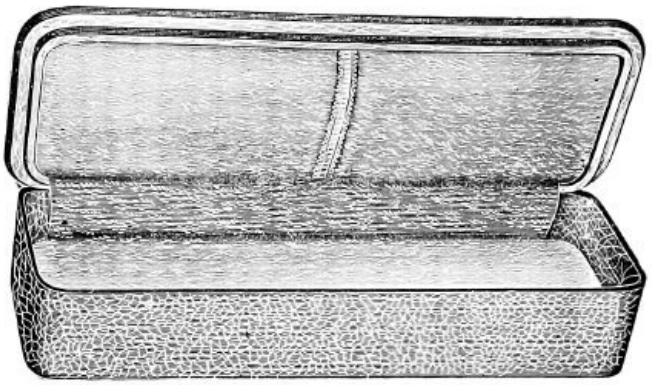
TWO DOZEN IN A BOX.

SILVERWARE BOXES.



Covered with Fine White Kid Embossed Paper, Lined with White Brocade.

		Per dozen
No. 62K	—12 coffee spoons, cushion with ribbon loop,	$18.00
No. 62½K	— 6 coffee spoons, cushion with ribbon loop,	9.00
No. 63K	— 6 tea spoons, cushion with blocks,	7.00
No. 64K	—12 tea spoons, cushion with blocks,	10.50
No. 65K	— 6 table spoons, cushion with blocks,	10.00
No. 66K	—12 table spoons, cushion with blocks,	13.50
No. 67K	— 1 pie knife, cushion with soft pad, no loop,	9.00
No. 68K	— 1 child's set, cushion with spring block,	10.50
No. 69K	— 6 forks, cushion with blocks,	10.00
No. 70K	—12 forks, cushion with blocks,	13.00
No. 71K	— 1 sugar shell, cushion with soft pad, no loop,	6.00
No. 72K	— 1 butter knife, cushion with soft pad, no loop,	6.50
No. 73KL	— 6 large knives, cushion with blocks,	11.00
No. 73KS	— 6 medium knives, cushion with blocks,	11.00
No. 74KL	—12 large knives, cushion with blocks,	14.00
No. 74KS	—12 medium knives, cushion with blocks,	14.00
No. 75K	— 6 fruit knives, cushion with blocks,	8.00
No. 77K	— 1 berry spoon, cushion with soft pad, no loop,	8.00
No. 79K	— 2 butter knives, cushion with ribbon loops,	7.00
No. 80K	— 1 butter knife and sugar shell, cushion with ribbon loops,	7.00
No. 85K	— 6 knives and 6 forks, cushion with blocks,	14.00
No. 89K	— 1 large soup ladle, cushion with spring block,	27.00
No. 89½K	— 1 small soup ladle, cushion with spring block,	24.00
No. 107K	— 1 gravy ladle, cushion with soft pad, no loop,	7.00
No. 108K	— 1 cream ladle, cushion with soft pad, no loop,	6.00
No. 109K	— 1 jelly spoon, cushion with soft pad, no loop,	7.00
No. 110½K	— Tea and table spoons, knives and forks, 24 pieces, cushion with blocks,	27.00
No. 114K	— 1 carving set, 3 pieces, with spring blocks, size inside 16½ in.,	27.00
No. 118K	— 1 bonbon spoon, cushion with soft pad, no loop,	6.00
No. 119K	— 1 berry bowl, size 9½×9½×2¾ in.,	24.00
No. 120K	— 1 berry bowl, size 11½×11½×4¼ in.,	30.00
No. 121K	— 1 berry bowl, size 12½×12½×5¼ in.,	33.00
No. 128K	— 1 bonbon dish, size 7½×7½×2⅜ in.,	16.00
No. 129K	— 1 bonbon dish, size 8½×8½×2½ in.,	18.00
No. 130K	— 1 salad set, cushion with ribbon loop,	15.00
No. 131K	— 1 oyster ladle, cushion with soft pad, no loop,	14.00
No. 132K	— 1 cold meat fork, cushion with ribbon loop,	8.50
No. 140K	— 1 comb and brush, cushion with blocks,	12.00
No. 141K	— 1 comb, brush and mirror,	18.00



Covered with Assorted Colored Leatherette, Seal Pattern, Lined with Embossed Sateen.

		Per dozen
No. 62KC	—12 coffee spoons, cushion with ribbon loop,	$19.00
No. 62½KC	— 6 coffee spoons, cushion with ribbon loop,	10.00
No. 63KC	— 6 tea spoons, cushion with blocks,	8.00
No. 64KC	—12 tea spoons, cushion with blocks,	11.50
No. 65KC	— 6 table spoons, cushion with blocks,	11.00
No. 66KC	—12 table spoons, cushion with blocks,	14.00
No. 67KC	— 1 pie knife, cushion with ribbon loop,	10.00
No. 68KC	— 1 child's set, cushion with ribbon loop,	11.50
No. 69KC	— 6 forks, cushion with blocks,	11.00
No. 70KC	—12 forks, cushion with blocks,	14.00
No. 71KC	— 1 sugar, cushion with ribbon loop,	7.00
No. 72KC	— 1 butter, cushion with ribbon loop,	7.50
No. 73KCL	— 6 large knives, cushion with blocks,	12.00
No. 73KCS	— 6 medium knives, cushion with blocks,	12.00
No. 74KCL	—12 large knives, cushion with blocks,	15.00
No. 74KCS	—12 medium knives, cushion with blocks,	15.00
No. 75KC	— 6 fruit knives, cushion with blocks,	9.00
No. 77KC	— 1 berry spoon, cushion with ribbon loop,	9.00
No. 79KC	— 2 butter knives, cushion with ribbon loops,	8.00
No. 80KC	— 1 butter knife and sugar shell, cushion with ribbon loops,	8.00
No. 85KC	— 6 knives and 6 forks, cushion with blocks,	15.00
No. 89KC	— 1 large soup ladle, cushion with ribbon loop,	30.00
No. 89½KC	— 1 small soup ladle, cushion with ribbon loop,	27.00
No. 107KC	— 1 gravy ladle, cushion with ribbon loop,	8.00
No. 108KC	— 1 cream ladle, cushion with ribbon loop,	7.00
No. 109KC	— 1 jelly spoon, cushion with ribbon loop,	8.00
No. 110½KC	— 6 each tea and table spoons, 6 each knives and forks, cushion with blocks,	33.00
No. 114KC	— 1 carving set, 3 pieces, with spring blocks, size inside 16½ in.,	33.00
No. 118KC	— 1 bonbon spoon, cushion with ribbon loop,	7.00
No. 119KC	— 1 berry bowl, size 9½×9½×2¼ in., with soft cushion,	27.00
No. 120KC	— 1 berry bowl, size 11½×11½×4¼ in., with soft cushion,	33.00
No. 121KC	— 1 berry bowl, size 12½×12½×5¼ in., with soft cushion,	36.00
No. 128KC	— 1 bonbon dish, size 7½×7½×2⅜ in., with soft cushion,	18.00
No. 129KC	— 1 bonbon dish, size 8½×8½×2½ in., with soft cushion,	21.00
No. 130KC	— 1 salad set, cushion with ribbon loop,	16.00
No. 131KC	— 1 oyster ladle, cushion with ribbon loop,	15.00
No. 132KC	— 1 cold meat fork, cushion with ribbon loop,	9.50
No. 140KC	— 1 comb and brush, cushion with blocks,	15.00
No. 141KC	— 1 comb, brush and mirror, cushion with blocks,	24.00

These cases do not include the articles they are intended to fit. Printed inside covers in blue ink without extra charge; stamped in gold leaf at 50 cents per dozen extra.

SILVERWARE HAND ENGRAVING.

We are prepared to take orders for engraving of silverware in accordance with the styles presented below for shipment with other goods. These orders can be filled reasonably prompt, the only delay being a matter of about 24 hours in what is known as the Christmas and Holiday season. We cannot accept any orders for engraving after the 15th of December for delivery during that same year.

Style 1.

Style 2.

Style 3.

Style 4.

Style 1—Block,	per letter	$0.10
Style 2—Roman,	"	.10
Style 3—Fancy script,	"	.10
Style 4—Old English,	"	.12

Style 5.

Style 6.

Style 7.

Style 8.

Style 5—Script initials,	per letter	$0.06
Style 6—Script,	"	.05
Style 7—Fancy script,	"	.06
Style 8—Shaded old English,	"	.16

Styles 1, 2, 3, 4, 5, 6, 7 and 8 are particularly adapted to Sterling Silver Flat Ware such as Spoons, Forks, etc.

Style 9.

Style 10.

Style 11.

Style 9—Block monogram,	each	$4.00
Style 10—Script monogram,	"	2.00
Style 11—Skeleton monogram,	"	2.00

Style 12.

Style 13.

Style 14.

Style 15.

Style 12—Fancy monogram,	each	$3.00
Style 13—Drop monogram,	"	2.00
Style 14—Ribbon monogram,	"	3.50
Style 15—Rustic monogram,	"	3.50

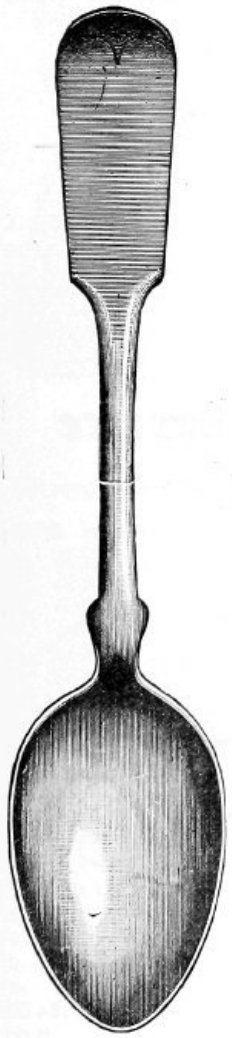
MONOGRAMS AND ENGRAVING LARGER THAN ABOVE ILLUSTRATIONS CORRESPONDINGLY HIGHER IN PRICES.

Styles 9, 10, 11, 12, 13, 14 and 15 are particularly adapted to Hollow Ware such as Tea Sets, Creamers, Sugars, etc.

SOLID STERLING SILVER WARE.

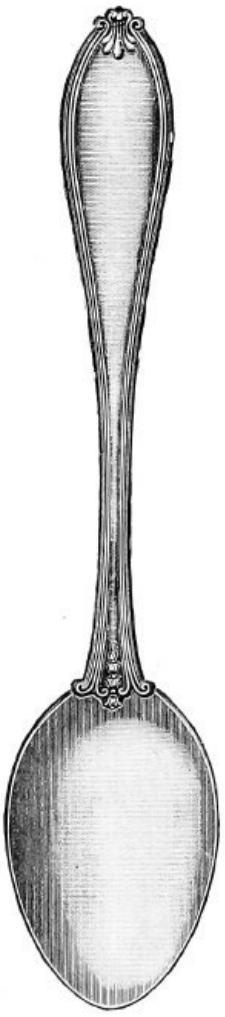
Guaranteed $^{925}/_{1000}$ Fine.

SIMPSON, HALL, MILLER & CO.

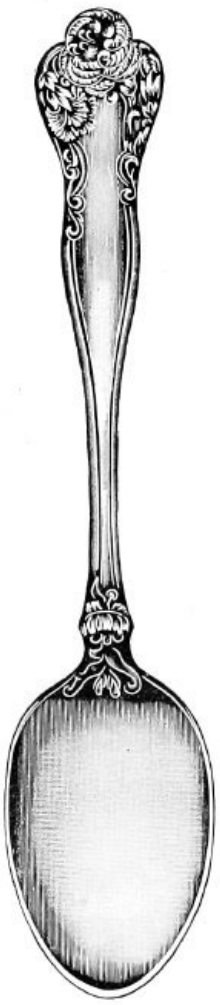


Tipped.
Plain Finish.

Warwick.
Plain Finish.



Margaret.
Plain Finish.



Stratford.
French Gray Finish.

Winchester.
Plain Finish.

The cuts on this page illustrate the patterns not only on spoons, but other articles as well described on the following pages.

		TEA SPOONS,		DESSERT SPOONS,		TABLE SPOONS,		DESSERT FORKS,		MEDIUM FORKS,	
Tipped, light weight	per dozen	6 oz.	$10.66								
Tipped, medium weight	"	8 oz.	14.22	15 oz.	$26.66	18 oz.	$32.00	15 oz.	$26.66	17 oz.	$30.22
Tipped, heavy weight	"	10 oz.	17.76	18 oz.	32.00	20 oz.	35.54	18 oz.	32.00	19 oz.	33.76
Tipped, extra heavy weight	"	12 oz.	21.32			24 oz.	42.66			23 oz.	40.88
Warwick, light weight	"	6 oz.	10.66								
Warwick, medium weight	"	8 oz.	14.22	15 oz.	26.66	18 oz.	32.00	15 oz.	26.66	17 oz.	30.22
Warwick, heavy weight	"	10 oz.	17.76	18 oz.	32.00	20 oz.	35.54	18 oz.	32.00	19 oz.	33.76
Warwick, extra heavy weight	"	12 oz.	21.32			24 oz.	42.66			23 oz.	40.88
Margaret, medium weight	"	8 oz.	13.32	17 oz.	28.32			15 oz.	25.00	17 oz.	28.32
Margaret, heavy weight	"	10 oz.	16.66	20 oz.	33.32	20 oz.	33.32	18 oz.	30.00	19 oz.	31.66
Margaret, extra heavy weight	"	12 oz.	20.00	22 oz.	36.66	23 oz.	38.32			23 oz.	38.32
Margaret, massive	"	14 oz.	23.32			26 oz.	43.32				
Stratford, medium weight	"	8 oz.	14.22	18 oz.	32.00	20 oz.	35.54	18 oz.	32.00	19 oz.	33.76
Stratford, heavy weight	"	10 oz.	17.76	20 oz.	35.54	22 oz.	39.10	20 oz.	35.54	21 oz.	37.32
Stratford, extra heavy weight	"	12 oz.	21.32	22 oz.	39.10	26 oz.	46.22	22 oz.	39.10	25 oz.	44.44
Stratford, massive weight	"	14 oz.	24.88								
Winchester, light weight	"	6 oz.	10.00	15 oz.	25.00			15 oz.	25.00		
Winchester, medium weight	"	8 oz.	13.32	18 oz.	30.00	20 oz.	33.32	18 oz.	30.00	19 oz.	31.66
Winchester, heavy weight	"	10 oz.	16.66	20 oz.	33.32	22 oz.	36.66	20 oz.	33.32	21 oz.	35.00
Winchester, extra heavy weight	"	12 oz.	20.00	22 oz.	36.66	26 oz.	43.32	22 oz.	36.66	25 oz.	41.66
Winchester, massive weight	"	14 oz.	23.32								

Fancy pieces not made to match the tipped pattern.

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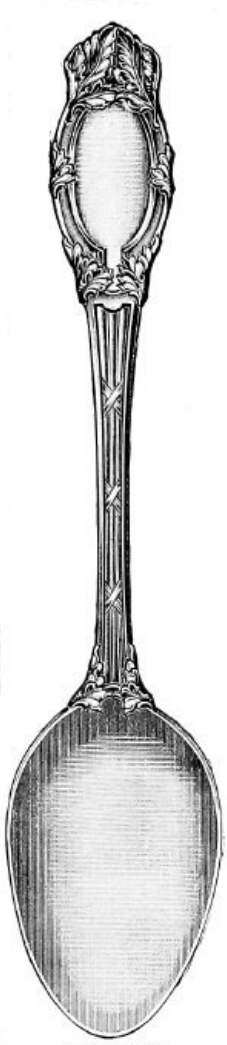
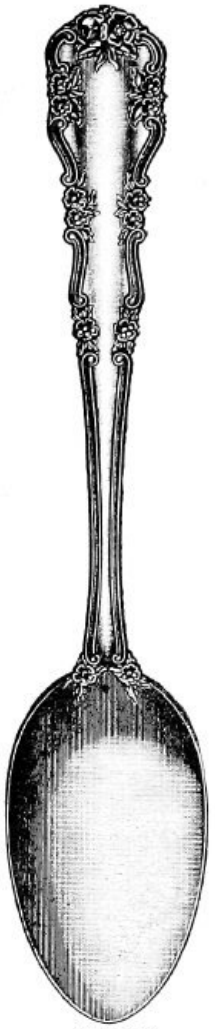


Abbotsford.
French Gray Finish.

Duchesse.
Plain Finish.



Rosalind.
French Gray.

Mille Fleur.
French Gray Finish.

Frontenac.
French Gray Finish.

The cuts on this page illustrate the patterns not only on spoons, but other articles as well described on following pages.

		TEA SPOONS.		DESSERT SPOONS.		TABLE SPOONS.		DESSERT FORKS.		MEDIUM FORKS.	
Abbotsford, light weight	per dozen	6 oz.	$11.66								
Abbotsford, medium weight	"	8 oz.	15.32	16 oz.	$30.54	20 oz.	$38.32	16 oz.	$30.54	20 oz.	$38.32
Abbotsford, heavy weight	"	10 oz.	18.88	18 oz.	33.88	22 oz.	41.66	18 oz.	33.88	22 oz.	41.66
Abbotsford, extra heavy weight	"	12 oz.	22.54			24 oz.	45.00			24 oz.	45.00
Duchesse, medium weight	"	8 oz.	14.22	16 oz.	28.44	20 oz.	35.54	18 oz.	32.00	22 oz.	39.10
Duchesse, heavy weight	"	10 oz.	17.76	20 oz.	35.54	24 oz.	42.66	22 oz.	39.10	26 oz.	46.22
Duchesse, extra heavy weight	"	12 oz.	21.32	24 oz.	42.66	28 oz.	49.76	26 oz.	46.22	30 oz.	53.32
Duchesse, massive weight	"	14 oz.	24.88			32 oz.	56.88				
Duchesse, extra massive weight	"	16 oz.	28.44								
Rosalind, light weight	"	6 oz.	10.00	15 oz.	25.00	20 oz.	33.32	15 oz.	25.00	20 oz.	33.32
Rosalind, medium weight	"	8 oz.	13.32	18 oz.	30.00	22 oz.	36.66	18 oz.	30.00	22 oz.	36.66
Rosalind, heavy weight	"	10 oz.	16.66	20 oz.	33.32	26 oz.	43.32	20 oz.	33.32	26 oz.	43.32
Rosalind, extra heavy weight	"	12 oz.	20.00	24 oz.	40.00	30 oz.	50.00	24 oz.	40.00	30 oz.	50.00
Rosalind, massive weight	"	14 oz.	23.32								
Mille Fleur, medium weight	"	8 oz.	16.00	18 oz.	36.00			18 oz.	36.00		
Mille Fleur, heavy weight	"	10 oz.	20.00	22 oz.	44.00	24 oz.	48.00	22 oz.	44.00	24 oz.	48.00
Mille Fleur, extra heavy weight	"	12 oz.	24.00	26 oz.	52.00	28 oz.	56.00	26 oz.	52.00	28 oz.	56.00
Mille Fleur, massive weight	"	14 oz.	28.00			32 oz.	64.00			32 oz.	64.00
Mille Fleur, extra massive weight	"	16 oz.	32.00								
Frontenac, medium weight	"	8 oz.	16.00	18 oz.	36.00			18 oz.	36.00		
Frontenac, heavy weight	"	10 oz.	20.00	22 oz.	44.00	24 oz.	48.00	22 oz.	44.00	24 oz.	48.00
Frontenac, extra heavy weight	"	12 oz.	24.00	26 oz.	52.00	28 oz.	56.00	26 oz.	52.00	28 oz.	56.00
Frontenac, massive weight	"	14 oz.	28.00			32 oz.	64.00			32 oz.	64.00
Frontenac, extra massive weight	"	16 oz.	32.00								

The design on each different sized handle in the Mille Fleur pattern illustrates a different flower.

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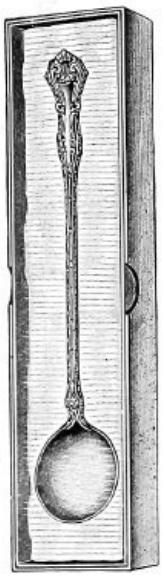
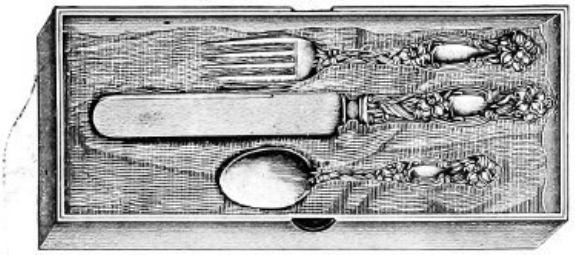
Baby Spoons. (Frontenac Pattern.)

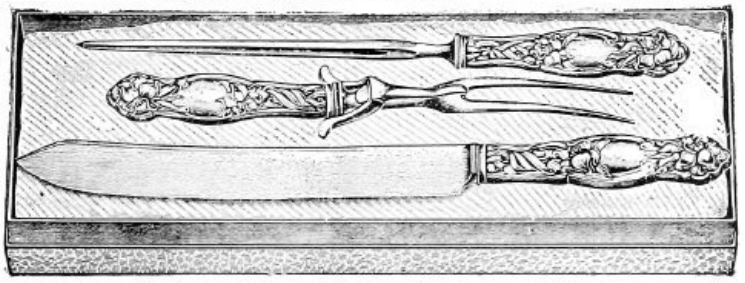


Chocolate Muddler. (Duchesse Pattern.)

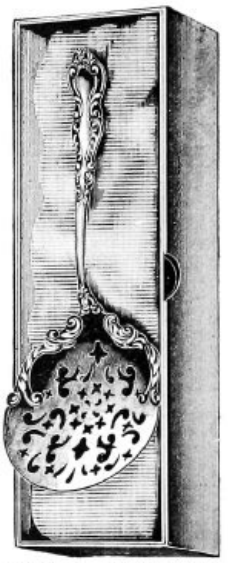


Child's Set. (Frontenac Pattern.)

Food Pusher. (Stratford Pattern.)

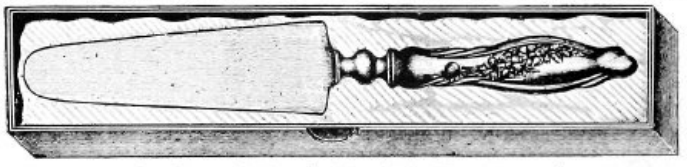


Carving Set; with guard. (Frontenac Pattern.)



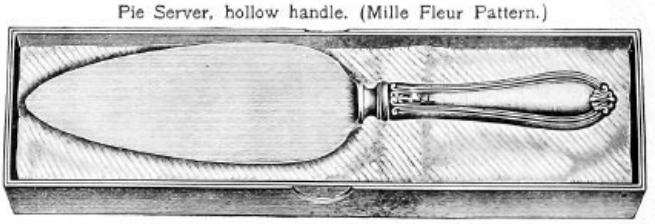
Tomato Server. (Warwick Pat.)

Sterling silver hollow handle knife (Frontenac Pattern), steel blade, heavily silver plated.



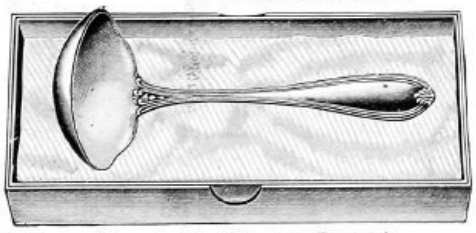
Pie Server, hollow handle. (Mille Fleur Pattern.)

Sterling silver hollow handle knife (Margaret Pattern), steel blade, heavily silver plated.

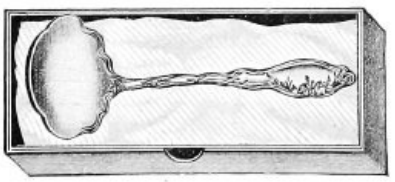


Pie Server, hollow handle. (Margaret Pattern.)

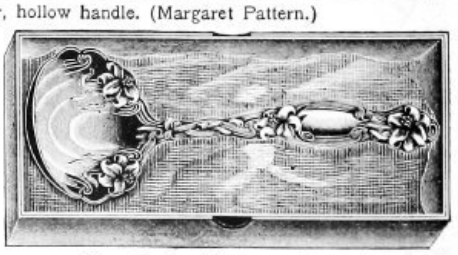
Sterling silver hollow handle knife (Mille Fleur Pattern), steel blade, heavily silver plated.



Gravy Ladle. (Margaret Pattern.)



Cream Ladle. (Mille Fleur Pattern.)



Gravy Ladle. (Frontenac Pattern.)

	FRONTENAC.		MILLE FLEUR.		STRATFORD.		ABBOTSFORD.		MARGARET.		WINCHESTER.		ROSALIND.		WARWICK.		DUCHESSE.	
	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.
Baby Spoons.....each	$ 1.88	$ 2.08	$ 1.88	$ 2.08	$ 1.88	$ 2.08	$ 1.88	$ 2.08	$ 1.88	$ 2.08	$ 1.88	$ 2.08	$ 1.88	$ 2.08	$ 1.88	$ 2.08	$ 1.88	$ 2.08
Chocolate Muddlers..... "	3.75	4.38	3.75	4.38	3.75	4.38	3.38	4.00	3.75	4.38	3.75	4.38	3.75	4.38	.....	.....	3.38	4.00
Child's Sets..... "	6.88	.....	6.88	.....	6.88	.....	6.88	.....	6.88	.....	6.88	.....	6.88	.....	6.88	.....	6.88	.....
Tomato Servers..... "	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.13	9.13	.....	.....
Food Pushers..... "	1.88	.....	1.88	.....	1.88	.....	1.88	.....	1.88	.....	1.88	.....	1.88	.....	1.88	.....	1.88	.....
Medium Knives...per dozen	40.00	.....	40.00	.....	40.00	.....	40.00	.....	40.00	.....	35.00	.....	40.00	.....	35.00	.....	40.00	.....
Dessert Knives... "	35.00	.....	35.00	.....	35.00	.....	35.00	.....	35.00	.....	30.00	.....	35.00	.....	30.00	.....	35.00	.....
Carving Sets, 3 pieces, per set	27.50	.....	27.50	.....	27.50	.....	27.50	.....	27.50	.....	23.75	.....	27.50	.....	23.75	.....	27.50	.....
Game Sets, 2 pieces..... "	18.00	.....	18.00	.....	18.00	.....	18.00	.....	18.00	.....	15.00	.....	18.00	.....	15.00	.....	18.00	.....
Chop Sets, 2 pieces..... "	8.75	.....	8.75	.....	8.75	.....	8.75	.....	8.75	.....	7.50	.....	8.75	.....	7.50	.....	8.75	.....
Pie Servers, hollow han.each	4.38	.....	4.38	.....	4.38	.....	4.38	.....	4.38	.....	4.13	.....	4.38	.....	4.13	.....	4.38	.....
Cream Ladles, large..... "	4.25	4.88	4.25	4.88	4.00	4.63	3.13	3.75	2.88	3.50	3.50	4.13	4.00	4.63	2.88	3.50	3.75	4.38
Cream Ladles, small.... "	.....	.....	.....	.....	.....	.....	.....	.....	2.50	2.88	.....	.....	.....	.....	2.50	2.88	.....	.....
Gravy Ladles..... "	10.00	10.63	9.38	10.00	8.75	9.38	7.50	8.13	6.88	7.50	8.75	9.38	8.75	9.38	6.88	7.50	8.75	9.38
Oyster Ladles..... "	21.88	23.13	18.75	20.00	20.00	21.25	12.50	13.75	12.50	13.75	16.88	18.13	13.75	15.00	12.50	13.75	15.00	16.25
Medium Ladles..... "	.....	.....	.....	.....	.....	.....	16.25	18.75	16.25	18.75	.....	.....	.....	.....	16.25	18.75	.....	.....
Soup Ladles..... "	30.00	32.50	26.25	28.75	22.50	25.00	.....	.....	.....	.....	22.50	25.00	22.50	25.00	.....	.....	21.88	24.38
Punch Ladles..... "	.....	.....	.....	.....	.....	.....	18.75	21.25	18.75	21.25	26.25	28.75	.....	.....	.....	.....	21.25	23.75

THE ARTICLES SHOWN ON THIS PAGE ARE MADE IN A VARIETY OF PATTERNS: THESE ARE ILLUSTRATED ON PAGES 1780B AND 1781.

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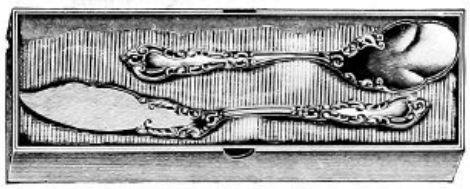
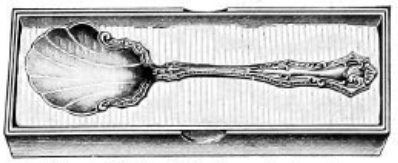
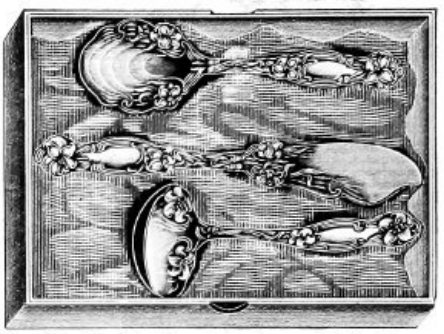


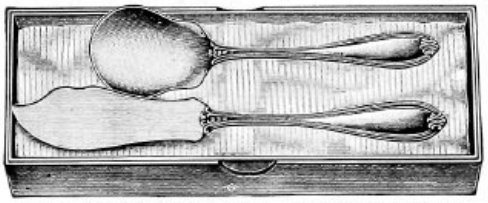
Butter Knife and Sugar Shell. (Warwick Pattern.)



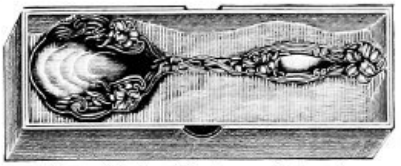
Sugar Shell. (Duchesse Pattern.)



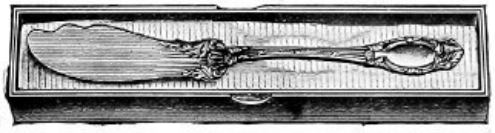
No. 65. Combination Set: Butter Knife, Sugar Shell and Cream Ladle. (Frontenac Pattern.)



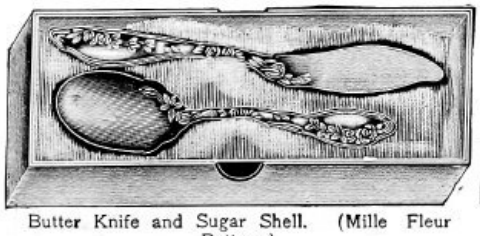
Butter Knife and Sugar Shell. (Margaret Pattern.)



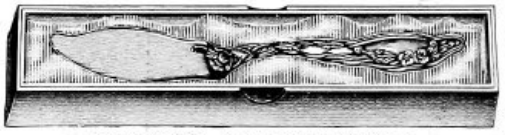
Sugar Shell. (Frontenac Pattern.)



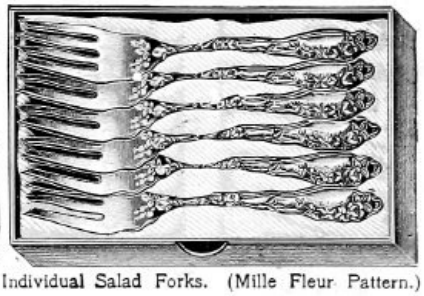
Butter Knife. (Abbotsford Pattern.)



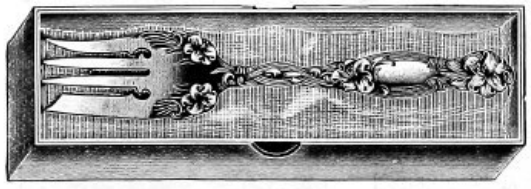
Butter Knife and Sugar Shell. (Mille Fleur Pattern.)



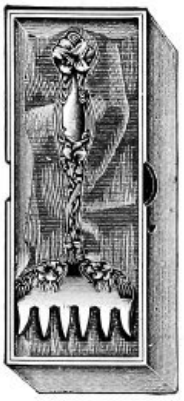
Butter Knife. (Mille Fleur Pattern.)



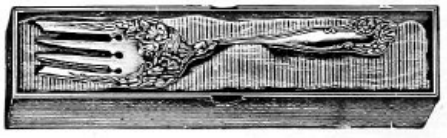
Individual Salad Forks. (Mille Fleur Pattern.)



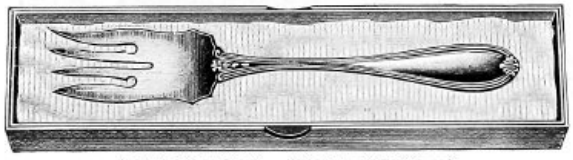
Large Meat Fork. (Frontenac Pattern.)



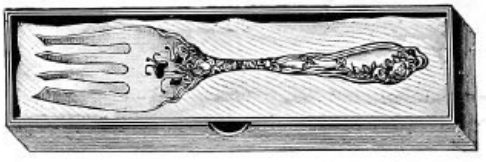
Sardine Fork. (Frontenac Pattern.)



Cold Meat Fork, Small. (Stratford Pattern.)



Large Meat Fork. (Margaret Pattern.)



Small Meat Fork. (Mille Fleur Pattern.)

	FRONTENAC.		MILLE FLEUR.		STRATFORD.		ABBOTSFORD.		MARGARET.		WINCHESTER.		ROSALIND.		WARWICK.		DUCHESSE.	
	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.
Butter Knife and Sugar Shell,.....per set	$ 7.00	$ 7.38	$ 6.63	$ 7.00	$ 6.25	$ 6.63	$ 5.75	$ 6.13	$ 5.75	$ 6.13	$ 6.13	$ 6.50	$ 6.25	$ 6.63	$ 5.75	$ 6.13	$ 6.38	$ 6.75
Butter Knife.....each	4.13	4.75	3.75	4.38	3.38	4.00	3.50	4.13	3.50	4.13	3.38	4.00	3.75	4.38	3.50	4.13	3.50	4.13
Sugar Shells..... "	2.88	3.25	2.88	3.25	2.88	3.25	2.25	2.63	2.25	2.63	2.75	3.13	2.50	2.88	2.25	2.63	2.88	3.25
No. 65 Combination Set per set.....	11.25	12.25	10.88	11.88	10.25	11.25	8.88	9.88	8.25	9.00	9.63	10.63	10.25	11.25	8.25	9.00	10.13	11.13
Ind. Salad Forks,..per dozen	45.00	51.00	45.00	51.00	37.50	43.50	37.50	43.50	33.75	39.75	37.50	43.50	33.75	39.75	37.50	43.50	45.00	51.00
Cold Meat Forks, large..each	7.50	8.13	7.50	8.13	6.88	7.50	6.25	6.88	6.88	7.50	6.25	6.88	6.88	7.50	5.63	6.25	7.50	8.13
Cold Meat Forks, small.. "	5.00	5.50	5.00	5.50	4.38	4.88	3.38	3.88	3.75	4.25	4.13	4.63	3.75	4.25	3.13	3.63	3.75	4.25
Sardine Forks.. ..... "	3.75	4.13	3.75	4.13	3.75	4.13	3.75	4.13	3.75	4.13	3.75	4.13	3.75	4.13	.....	.....	3.75	4.13

MOST OF THE ARTICLES SHOWN ON THIS PAGE ARE MADE IN A VARIETY OF PATTERNS; THESE ARE ILLUSTRATED ON PAGES 1780B AND 1781.

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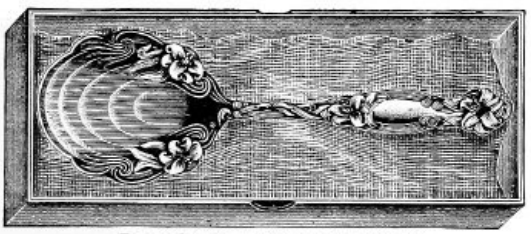
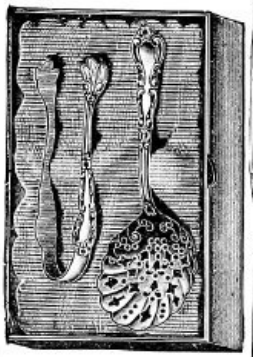
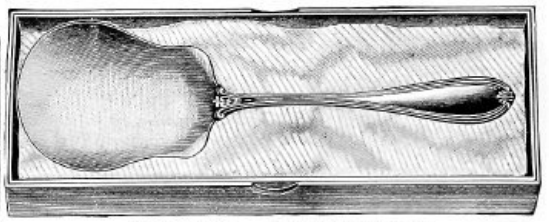


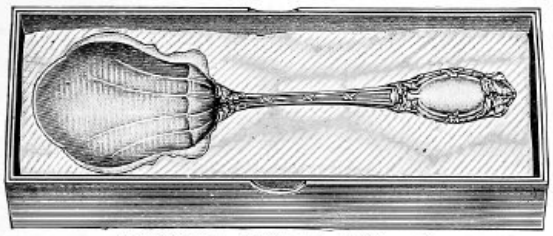
Berry Spoon. (Frontenac Pattern.)



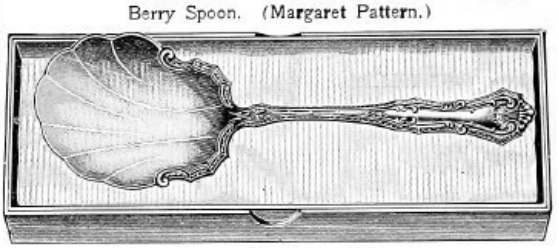
Bonbon Set. (Warwick Pattern.)



Berry Spoon. (Margaret Pattern.)



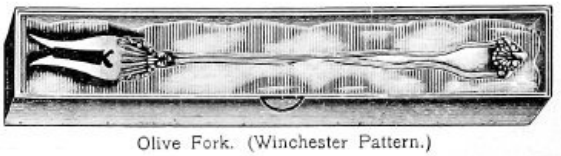
Berry Spoon. (Abbotsford Pattern.)



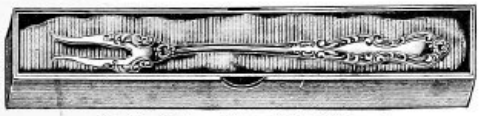
Berry Spoon. (Duchesse Pattern.)

Pickle Fork, regular. (Frontenac Pattern.)

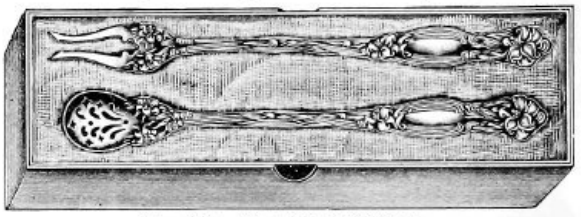
Bonbon Spoon. (Stratford Pattern.)



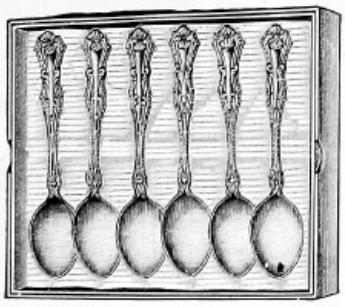
Olive Fork. (Winchester Pattern.)



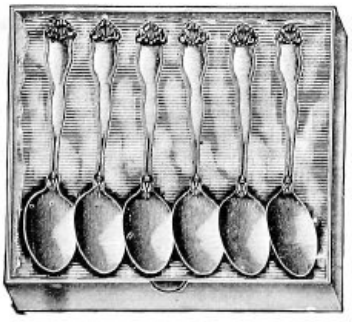
Pickle Fork. (Warwick Pattern.)



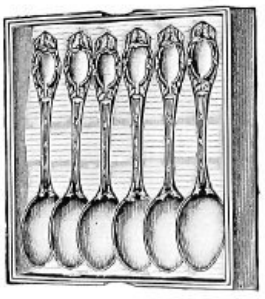
Olive Set. (Frontenac Pattern.)



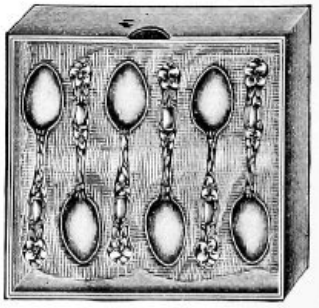
Coffee Spoons. (Duchesse Pattern.)



Coffee Spoons. (Winchester Pattern.)



Coffee Spoons. (Abbotsford Pattern.)



Coffee Spoons. (Frontenac Pattern.)

	FRONTENAC.		MILLE FLEUR.		STRATFORD.		ABBOTSFORD.		MARGARET.		WINCHESTER.		ROSALIND.		WARWICK.		DUCHESSE.	
	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain	Gilt.	Plain.	Gilt.
Berry Spoons.....each	$10.63	$11.63	$10.63	$11.63	$10.63	$11.63	$ 8.13	$ 9.13	$ 7.50	$ 8.50	$ 8.75	$ 9.75	$ 8.75	$ 9.75	$ 7.50	$ 8.50	$10.00	$11.00
Pickle Forks, regular ... "	2.50	2.88	2.50	2.88	2.50	2.88	2.50	2.88	2.75	3.13	2.50	2.88	2.50	2.88	.....	.....	2.50	2.88
Pickle Forks, large..... "	4.13	4.50	4.13	4.50	3.75	4.13	2.75	3.13	.....	.....	3.75	4.13	4.13	4.50	2.75	3.13	4.13	4.50
Olive Forks, large..... "	3.75	4.13	3.75	4.13	3.75	4.13	3.13	3.50	.....	.....	3.50	3.88	3.75	4.13	2.75	3.13	3.75	4.13
Olive Forks, small ..... "	2.50	2.88	2.50	2.88	.....	.....	2.50	2.88	2.75	3.13	.....	.....	2.50	2.88	.....	.....	2.50	2.88
Olive Sets, large.....per set	8.13	8.88	8.13	8.88	7.88	8.63	6.25	7.00	.....	.....	7.63	8.38	8.13	8.88	5.88	6.63	7.50	8.25
Olive Sets, small..... "	5.25	6.00	5.25	6.00	.....	.....	4.75	5.50	5.88	6.63	.....	.....	5.25	6.00	.....	.....	5.00	5.75
Bonbon Sets..... "	5.38	6.38	5.88	6.88	5.25	6.25	5.00	6.00	5.00	6.00	5.00	6.00	.....	.....	5.00	6.00	5.25	6.25
Bonbon Spoons, large....each	3.25	3.63	3.75	4.13	3.13	3.50	2.88	3.25	2.88	3.25	2.88	3.25	3.13	3.50	2.88	3.25	3.13	3.50
Bonbon Spoons, small.. "	2.13	2.50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.13	2.50	.....	.....
Coffee Spoons, large..per doz.	13.75	16.25	13.75	16.25	12.50	15.00	12.50	15.00	12.50	15.00	12.50	15.00	12.50	15.00	12.50	15.00	13.75	16.25
Coffee Spoons, small.. "	12.50	15.00	12.50	15.00	10.63	13.13	11.25	13.75	10.63	13.13	10.63	13.13	10.63	13.13	10.63	13.13	12.50	15.00

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SOLID STERLING SILVER WARE.

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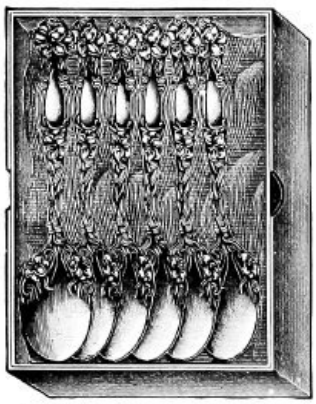
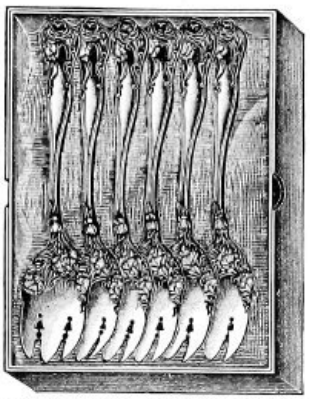
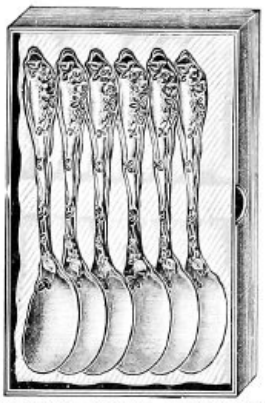
SIMPSON, HALL, MILLER & CO.



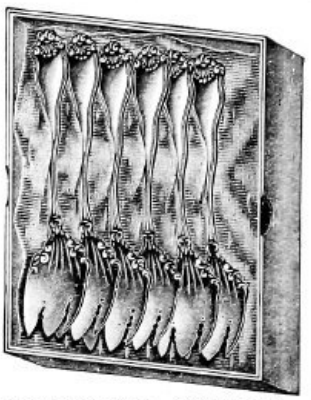
Ice Cream Spoons. (Frontenac Pattern.)



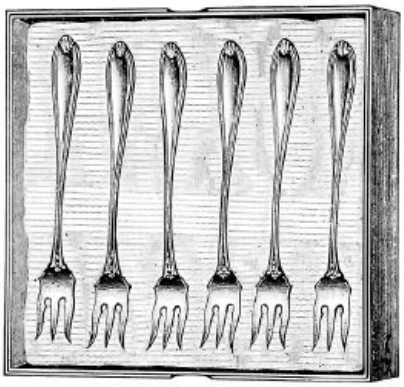
Ice Cream Forks. (Stratford Pattern.)



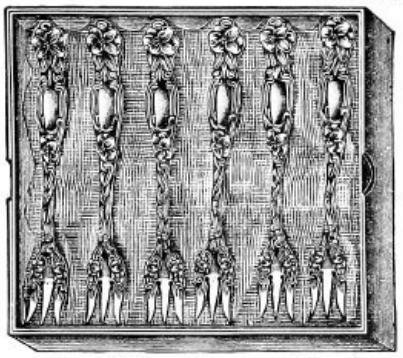
Ice Cream Spoons. (Mille Fleur Pattern.)



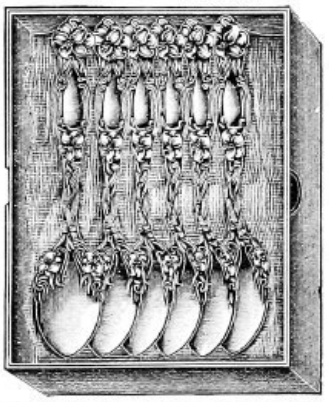
Ice Cream Forks. (Winchester Pattern.)



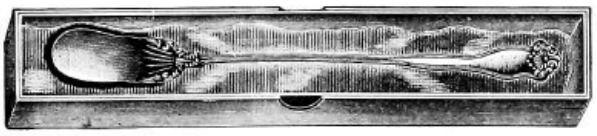
Oyster Forks. (Margaret Pattern.)



Oyster Forks. (Frontenac Pattern.)

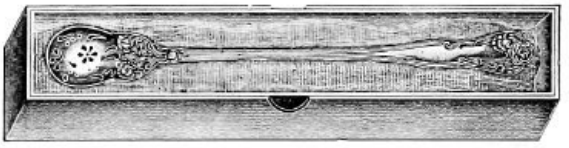


Orange Spoons. (Frontenac Pattern.)

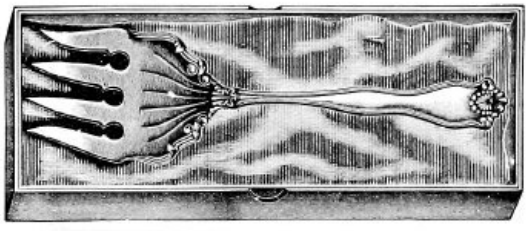


Horseradish Spoon. (Winchester Pattern.)

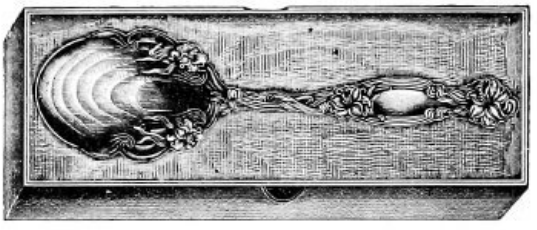
Ice Spoon. (Winchester Pattern.)



Olive Spoon. (Stratford Pattern.)



Salad Fork. (Winchester Pattern.)



Salad Spoon. (Frontenac Pattern.)

	FRONTENAC.		MILLE FLEUR		STRATFORD.		ABBOTSFORD.		MARGARET.		WINCHESTER.		ROSALIND.		WARWICK.		DUCHESSE.	
	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.
Ice Cream Spoons..per dozen	$35.00	$38.75	$27.50	$31.25	$31.25	$35.00	$20.00	$23.75	$22.50	$26.25	$31.25	$35.00	$22.50	$26.25	$20.00	$23.75	$30.00	$33.75
Ice Cream Forks ... "	33.75	36.25	27.50	30.00	30.00	32.50	20.00	22.50	22.50	25.00	30.00	32.50	23.75	26.25	.....	.....	28.75	31.25
Oyster Forks..... "	22.50	25.00	22.50	25.00	21.25	23.75	21.25	23.75	18.75	21.25	18.75	21.25	18.75	21.25	18.75	21.25	20.00	22.50
Orange Spoons .... "	33.75	37.50	30.00	33.75	30.00	33.75	25.00	28.75	30.00	33.75	30.00	33.75	30.00	33.75	25.00	28.75	30.00	33.75
Horseradish Spoons, large .....each	3.75	4.13	3.75	4.13	3.75	4.13	3.75	4.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Horseradish Spoons, short..... "	.....	.....	.....	.....	3.13	3.50	2.75	3.13	.....	.....	3.13	3.50	.....	.....	.....	.....	3.13	3.50
Olive Spoons, large..... "	4.38	4.75	4.38	4.75	4.13	4.50	3.13	3.50	3.13	3.50	4.13	4.50	4.38	4.75	3.13	3.50	3.75	4.13
Olive Spoons, small..... "	2.75	3.13	2.75	3.13	.....	.....	2.25	2.63	.....	.....	.....	.....	2.75	3.13	.....	.....	2.50	2.88
Salad Spoons ..... "	10.00	10.88	10.00	10.88	8.75	9.63	7.50	8.38	6.88	7.75	7.50	8.38	8.75	9.63	6.88	7.75	7.50	8.38
Salad Forks ..... "	10.00	10.88	10.00	10.88	8.75	9.63	6.88	7.75	6.88	7.75	7.50	8.38	8.75	9.63	6.88	7.75	8.13	9.00

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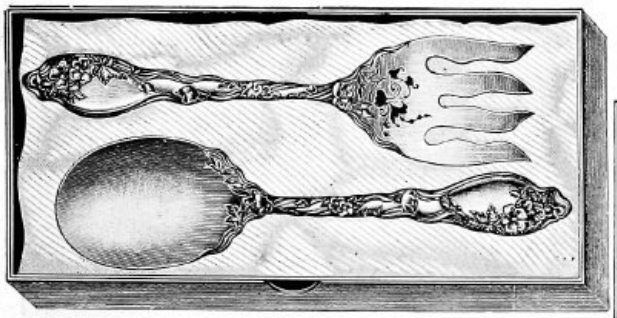
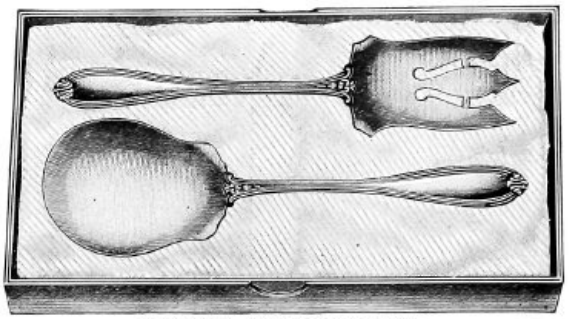
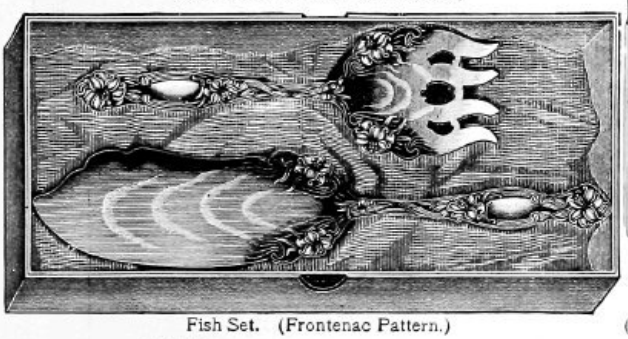


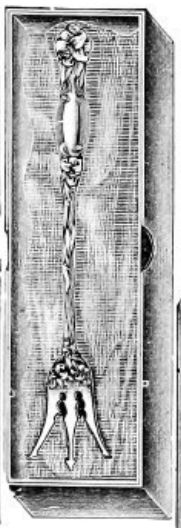
Salad Set. (Mille Fleur Pattern.)



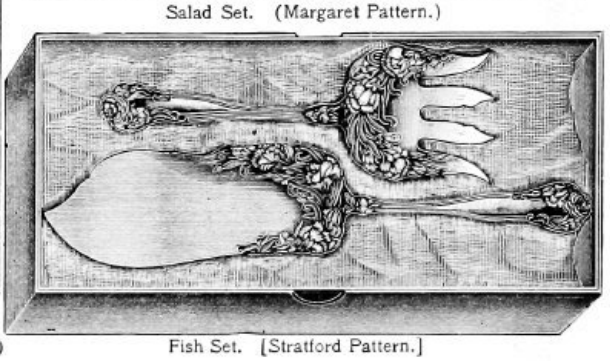
Salad Set. (Margaret Pattern.)



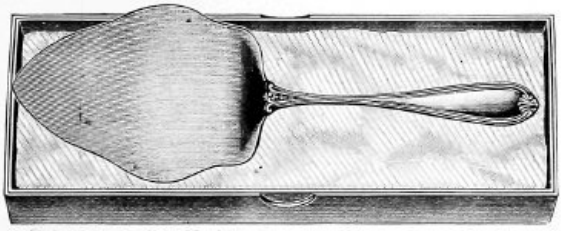
Fish Set. (Frontenac Pattern.)



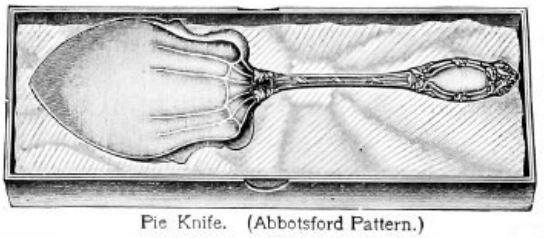
Lettuce Fork. (Frontenac Pattern.)



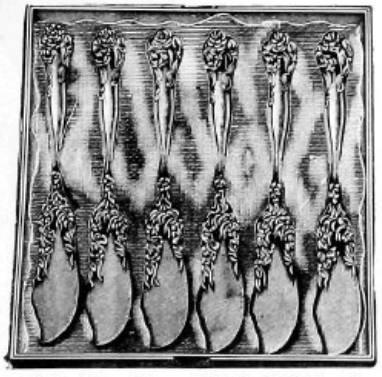
Fish Set. [Stratford Pattern.]



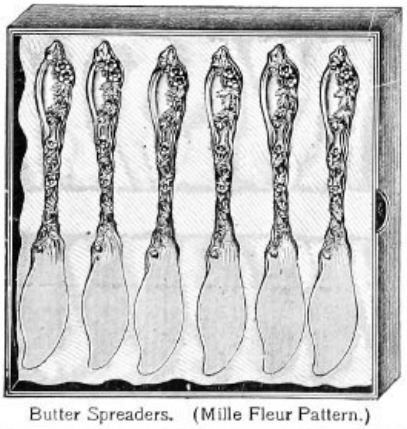
Pie Knife. (Margaret Pattern.)



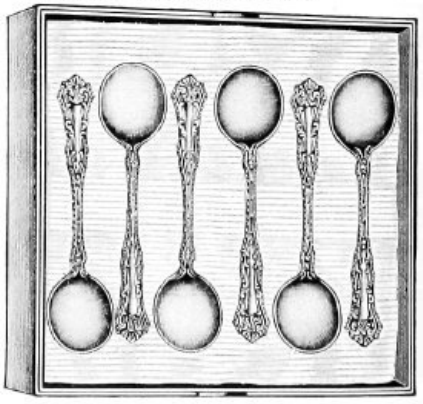
Pie Knife. (Abbotsford Pattern.)



Butter Spreaders. (Stratford Pattern.)



Butter Spreaders. (Mille Fleur Pattern.)



Bouillon Spoons. (Duchesse Pattern.)

	FRONTENAC.		MILLE FLEUR.		STRATFORD.		ABBOTSFORD.		MARGARET.		WINCHESTER.		ROSALIND.		WARWICK.		DUCHESSE.	
	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.
Salad Sets.....per set	$20.00	$21.75	$20.00	$21.75	$17.50	$19.25	$14.38	$16.13	$13.75	$15.50	$15.00	$16.75	$17.50	$19.25	$13.75	$15.50	$15.63	$17.38
Fish Sets..... "	26.25	28.38	26.25	28.00	23.13	24.88	17.50	19.25	20.63	22.38	23.13	24.88	20.63	22.38	17.50	19.25	23.13	24.88
Fish Forks.....each	11.88	12.63	11.88	12.63	9.38	10.13	7.50	8.25	9.38	10.13	9.38	10.13	9.38	10.13	7.50	8.25	10.00	10.75
Fish Knives..... "	14.38	15.38	14.38	15.38	13.75	14.75	10.00	11.00	11.25	12.25	13.75	14.75	11.25	12.25	10.00	11.00	13.13	14.13
Lettuce Forks..... "	4.38	5.00	4.38	5.00	4.38	5.00	3.75	4.38	4.38	5.00	4.38	5.00	4.38	5.00	3.75	4.38	4.38	5.00
Fish Forks, indiv..per doz.	50.00	57.50	45.00	52.50	45.00	52.50	41.25	48.75	.....	.....	45.00	52.50	45.00	52.50	.....	.....	45.00	52.50
Ice Spoons.....each	10.00	10.88	11.25	12.13	10.00	10.88	8.13	9.00	8.13	9.00	10.00	10.88	10.00	10.88	8.13	9.00	8.75	9.63
Round Bowl Soup Spoons, Medium Weight only, per dozen.....	36.00	.....	36.00	.....	32.00	.....	33.88	.....	30.00	.....	30.00	.....	30.00	.....	32.00	.....	32.00	.....
Pie Knives.....each	11.25	12.50	11.25	12.50	9.38	10.63	8.75	10.00	10.00	11.25	.....	.....	9.38	10.63	8.75	10.00	10.00	11.25
Butter Spreaders..per dozen	31.25	35.00	30.00	33.75	27.50	31.25	26.25	30.00	22.50	26.25	25.00	28.75	26.25	30.00	22.50	26.25	26.25	30.00
Bouillon Spoons.... "	23.75	27.50	23.75	27.50	21.25	25.00	21.88	25.63	23.75	27.50	21.25	25.00	21.25	25.00	23.75	27.50	21.25	25.00

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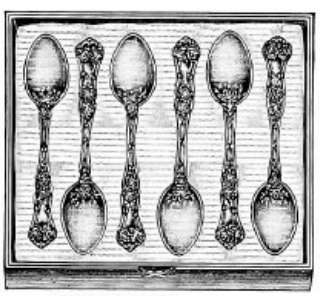
Full Size Cut of Tea Spoon.

EDGEWOOD FRENCH GRAY SPOONS AND FORKS.

	TEA SPOONS.	DESSERT SPOONS.	TABLE SPOONS.	DESSERT FORKS.	MEDIUM FORKS.	SOUP SPOONS
Medium weight, French gray.....per dozen	8 oz. $13.32	16 oz. $26.66	20 oz. $33.32	15 oz. $25.00	20 oz. $33.32	16 oz. $26.6
Heavy weight, French gray..... "	10 oz . 16.66	18 oz. 30.00	24 oz. 40.00	18 oz. 30.00	24 oz. 40.00	
Extra heavy weight, French gray..... "	12 oz. 20.00	20 oz. 33.32	28 oz. 46.66	20 oz. 33.32	28 oz. 46.66	ROUND BOWL
Massive weight, French gray ..... "	14 oz. 23.32					

ONE DOZEN IN A BOX.

Full Size Cut of Butter Spreader.



Coffee Spoons.

EDGEWOOD FRENCH GRAY SPOONS.

	PLAIN.	GILT.
Baby spoons.....each	$1.88	$ 2.08
Berry spoons..... "	9.38	10.38
Bouillon spoons.....per dozen	21.25	25.00
Coffee spoons, large..... "	12.50	15.00
Coffee spoons, small..... "	10.63	13.13
Ice cream spoons ..... "	30.00	33.75
Jelly spoons.....each	4.38	5.00
Mustard spoons..... "	1.63	1.88
Orange spoons.....per dozen	30.00	33.75
Salad spoons.....each	8.75	9.63
Salt spoons..... "	.88	1.08
Individual salt spoons.....per dozen	6.00	7.88
Sugar spoons .....each	2.75	3.13
Grape fruit spoons.....per dozen	33.75	37.50

IN LINED BOXES.

EDGEWOOD FRENCH GRAY LADLES.

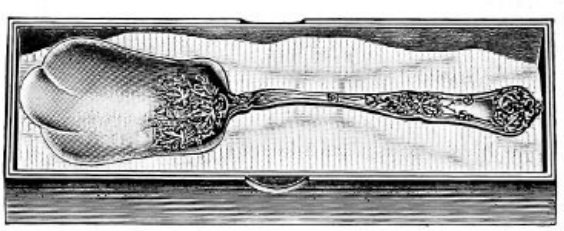
	PLAIN.	GILT.
Cream ladle, large.....each	$3.75	$ 4.38
Cream ladle, small..... "	2.50	2.88
Gravy ladle..... "	7.50	8.13
Oyster ladle..... "	13.75	15.00
Soup ladle..... "	22.50	25.00

IN LINED BOXES.

EDGEWOOD FRENCH GRAY SETS.

	PLAIN.	GILT.
Berry spoon and 6 forks, 7 pieces.....per set	$16.25	$18.50
Butter knife and sugar shell, 2 pieces..... "	6.50	6.88
Beef carvers, hollow handle, with guard, 3 pieces per set.....	27.50	
Game carvers, hollow handle, with guard, 2 pieces, per set.....	18.00	
Chop carvers, hollow handle, 2 pieces...pe pair	8.75	
Child's sets, with hollow handle knife, 3 pieces, per.... set.....	6.63	
Fish knife and fork, 2 pieces .....per set	20.63	22.38
Salad fork and spoon, 2 pieces.....per set	17.50	19.25

IN LINED BOXES.



Berry Spoon.

EDGEWOOD FRENCH GRAY FORKS.

	PLAIN.	GILT.
Berry forks.....per dozen	$13.75	$16.25
Cold meat forks, large.....each	6.88	7.50
Cold meat forks, small..... "	3.75	4.25
Fish forks, ... "	9.38	10.13
Individual Fish forks.....per dozen	45.00	52.50
Ice cream forks..... "	28.75	31.25
Olive forks, large.....each	3.38	3.75
Olive forks, small ..... "	2.25	2.63
Oyster forks.....per dozen	20.63	23.12
Pickle forks, small.....each	2.25	2.63
Pickle forks, large... ..... "	3.38	3.75
Salad forks ..... "	8.75	9.63
Individual Salad forks.....per dozen	33.75	39.75
Sardine forks.....each	3.75	4.13

IN LINED BOXES.

EDGEWOOD FRENCH GRAY KNIVES.

	PLAIN.	GILT.
Butter.....each	$3.75	$ 4.38
Dessert.....per dozen	35.00	
Medium..... "	40.00	
Fish.....each	11.25	12.25
Jelly..... "	5.00	5.63
Orange.....per dozen	27.00	
Pie.....each	9.38	10.63

IN LINED BOXES.

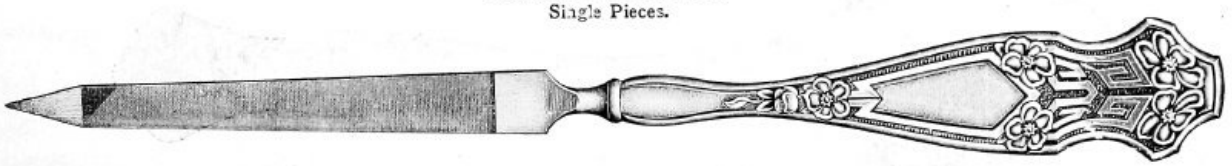
EDGEWOOD FRENCH GRAY MISCELLANEOUS ARTICLES.

	PLAIN.	GILT.
Butter spreaders.....per dozen	$30.00	$33.75
Butter picks... .....each	1.88	2.13
Food pushers..... "	1.88	
Bonbon scoops..... "	2.88	3.25
Bonbon tongs..... "	2.13	
Cake servers..... "	5.63	6.25
Cucumber servers..... "	5.00	6.00
Pie servers, hollow handle..... "	4.38	
Sugar sifters..... "	4.38	4.88
Sugar tongs, large ..... "	3.38	

IN LINED BOXES.

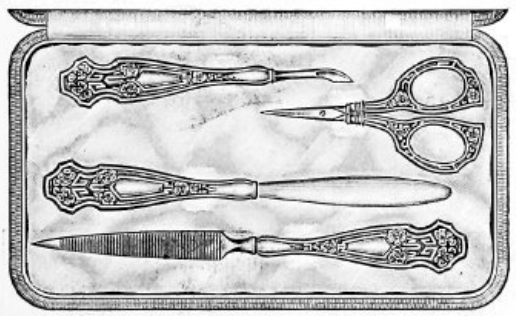
SOLID STERLING SILVER WARE.

Guaranteed 925/1000 Fine.
Single Pieces.

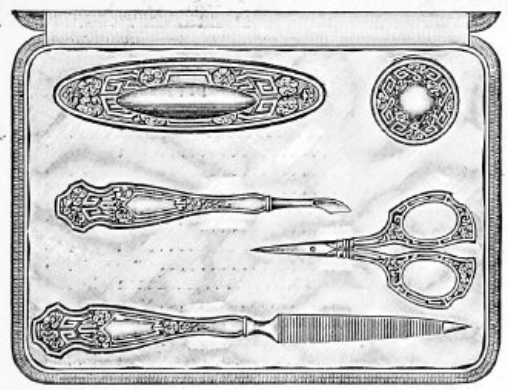


No. 303	—Flexible nail files	each	$1.50	No. 30	—Tooth brush	each	$1.50
No. 30	—Shoe horns	"	1.50	No. 30	—Nail brush	"	1.50
No. 30	—Button Hooks	"	1.50	No. 30	—Nail buffer	"	3.00
No. 30	—Corn knives	"	1.50	No. 30/50	—Manicure scissors	"	1.80
No. 30	—Cuticle knife	"	1.50	No. 30	—Curling iron	"	1.50

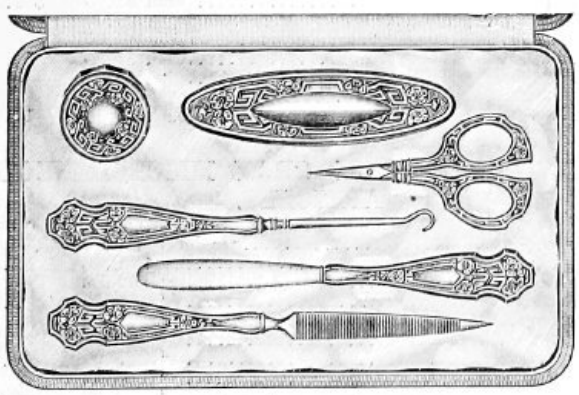
MANICURE SETS.



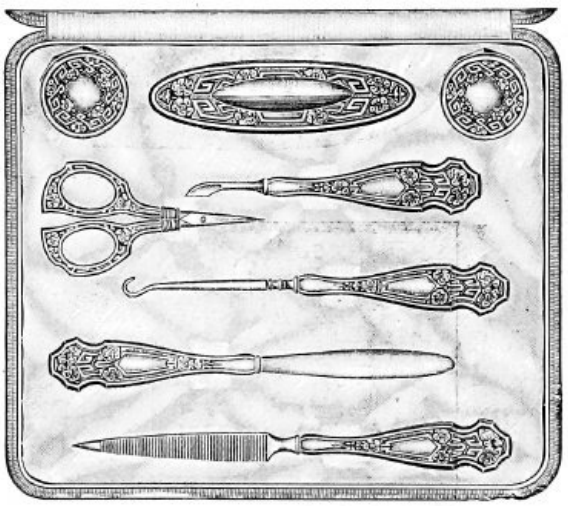
No. 304—4 pieces in silk case, consisting of nail file, cuticle knife, scissors and tooth brush.....per set $7.80



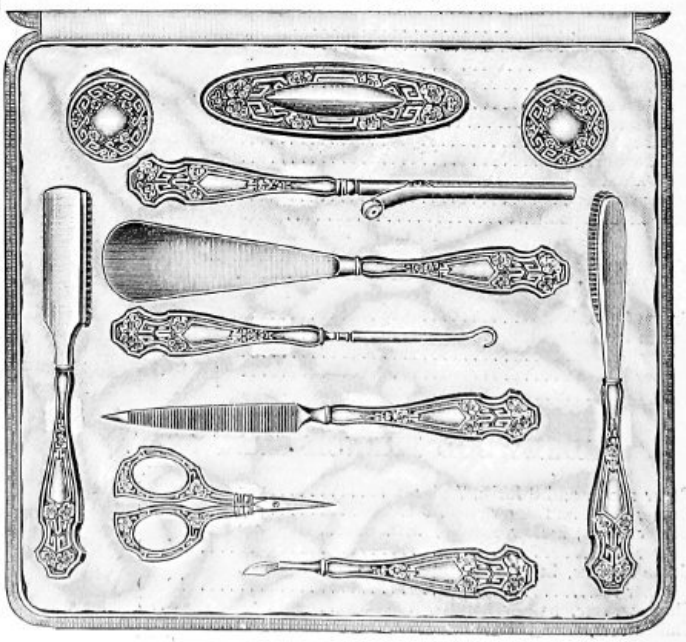
No 305—5 pieces in silk case, consisting of nail file, scissors, cuticle knife, nail buffer and cream jar.....per set $10.80



No. 306—6 pieces in silk case, consisting of nail file, tooth brush, button hook, scissors, nail buffer and cream jar.....per set $12.60



No. 303—8 pieces in silk case, consisting of nail file, tooth brush, button hook, scissors, cuticle knife, nail buffer and two cream jars.....per set $15.60

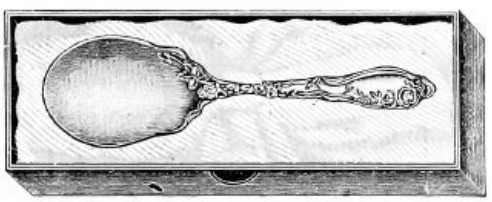


No. 3011—11 pieces in silk case, consisting of cuticle knife, scissors, nail file, button hook, shoe horn, curling iron, tooth brush, nail brush, nail buffer and two cream jars.....per set $20.40

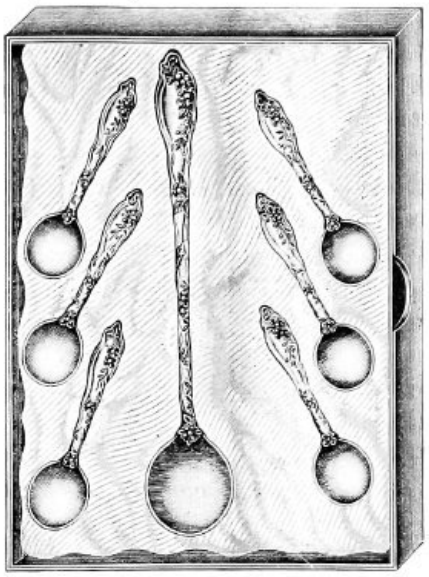
SOLID STERLING SILVER WARE.

Guaranteed 925/1000 Fine.

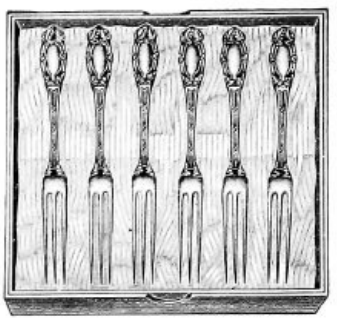
SIMPSON, HALL, MILLER & CO.



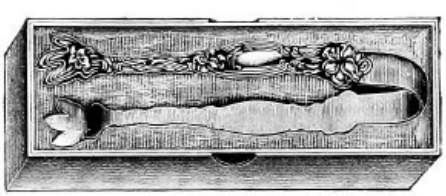
Jelly Spoon. (Mille Fleur Pattern.)



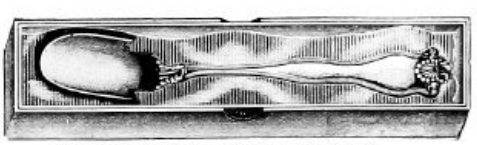
Chocolate Set, 7 pieces. (Mille Fleur Pattern.)



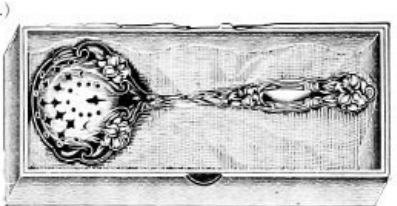
Fruit Forks. (Abbotsford Pattern.)



Sugar Tongs, (Frontenac Pattern.)



Cheese Scoop (Winchester Pattern.)



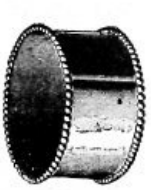
Sugar Sifter. (Frontenac Pattern.)

	FRONTENAC.		MILLEFLEUR		STRATFORD.		ABBOTSFORD.		MARGARET.		WINCHESTER		ROSALIND.		WARWICK.		DUCHESSE.	
	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.	Plain.	Gilt.
Berry Forks.....per doz.	$15.00	$17.50	$13.75	$16.25	$13.75	$16.25	$13.75	$16.25	$13.75	$16.25	$13.75	$16.25	$13.75	$16.25	$13.75	$16.25	$13.75	$16.25
Chocolate Set, 7 p'c's,per set	10.63	12.50	10.63	12.50	10.63	12.50	13.38	15.25	10.63	12.50	10.63	12.50	13.75	15.63	.....	.....	14.34	16.20
Chocolate Set, 13 pieces "	17.50	20.63	17.50	20.63	17.50	20.63	23.38	26.50	17.50	20.63	17.50	20.63	23.75	26.88	.....	.....	25.25	28.38
Jelly Spoons.....each	5.63	6.25	5.63	6.25	5.63	6.25	5.00	5.63	5.00	5.63	5.00	5.63	4.38	5.00	5.00	5.63	4.63	5.25
Sugar Tongs, large.... "	3.75	.....	3.75	.....	3.38	.....	3.38	.....	3.38	.....	3.38	.....	3.38	.....	3.38	.....	3.75	.....
Sugar Tongs, small.... "	2.13	.....	2.13	.....	2.13	.....	2.13	.....	2.13	.....	2.13	.....	2.13	.....	2.13	.....	2 13	.....
Cheese Scoops, large... "	6.25	6.88	6.25	6.88	5.63	6.25	.....	.....	.....	.....	5.63	6.25	.....	.....	5.63	6.25	.....	.....
Cheese Scoops, small... "	3.75	4.38	3.75	4.38	3.13	3.75	3.13	3.75	3.00	3.63	3.13	3.75	.....	.....	.....	.....	.....	.....
Sugar Sifters, small.... "	4.38	4.88	5.00	5.50	4.13	4.63	3.63	4.13	3.38	3.88	4.00	4.50	4.38	4.88	3.38	3.88	4.00	4.50
Sugar Sifters, large.... "	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.88	8.13	.....	.....

MOST OF THE ARTICLES SHOWN ON THIS PAGE ARE MADE IN A VARIETY OF PATTERNS; THESE ARE ILLUSTRATED ON PAGES 1780B AND 1781.

NAPKIN RINGS.

No. 95P.



No. 81P.

No. 95P—Satin engraved, gold lined, each $1.44
No. 81P—Plain, gold lined..... " 2.40

No. 72P—Satin engraved, gold lined, each $3.00

No. 37P—Plain, gold lined,.....each $3.36

No. 70P.

No. 59P.

No. 70P—Plain, gold lined.....each $2.40
No. 59P—Plain center, French gray border, gold lined, massive,.....each 7.20

No. 93P.

No. 12P.

No. 93P—French gray border, gold lined, each..... $3.36
No. 12P—French, gray, gold lined,. each 4.80

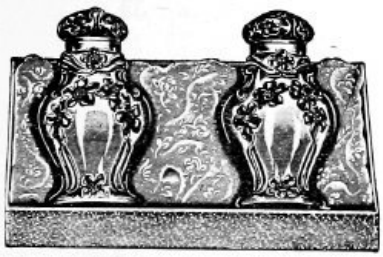
No. 58P—Embossed, gold lined,....each $1.68

SOLID STERLING SILVER WARE.

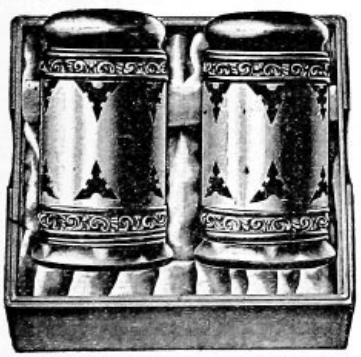
Guaranteed 925/1000 Fine.

SALTS AND PEPPERS.

No. 16—French gray.....per pair $4.80

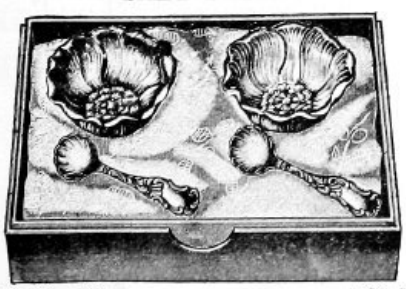


No. P12—French gray.....per pair $4.80

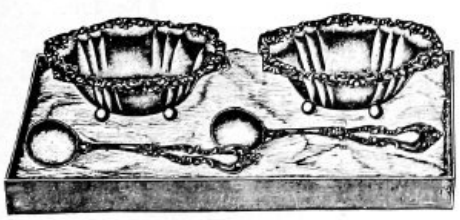


No. P183—Glass lined.....per pair $8.40

SALT SETS.



No. P45—Gilt.....per set $3.96



No. P313—Silver.....per set $9.00
No. P313—Gilt..... " 10.20

CUPS.

No. P71—Plain finish, gold lined.....each $6.00

No. P77—Plain finish, gold lined.....each $6.60

No. 97—Plain, gray border, gold lined, each $8.40

No. P85—Plain, gold lined.....each $6.60

LUNCH CASTERS.

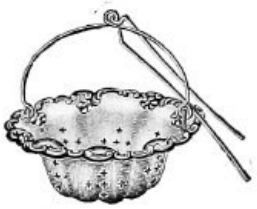
No. P128—Cut glass bottles.....each $12.00

TEA STRAINERS.

No. P121—Gilt.....each $3.00

TEA STRAINERS.

No. P17—Plain.....each $2.40



No. P9—Plain.....each $2.64

TEA BALLS.

No. P15—Each. $3.60

MATCH SAFES AND CIGARETTE CASES.

No. P21.

No. P24.

No. P21—Match safe .....each $2.40
No. P24—Match safe, French gray... " 3.60

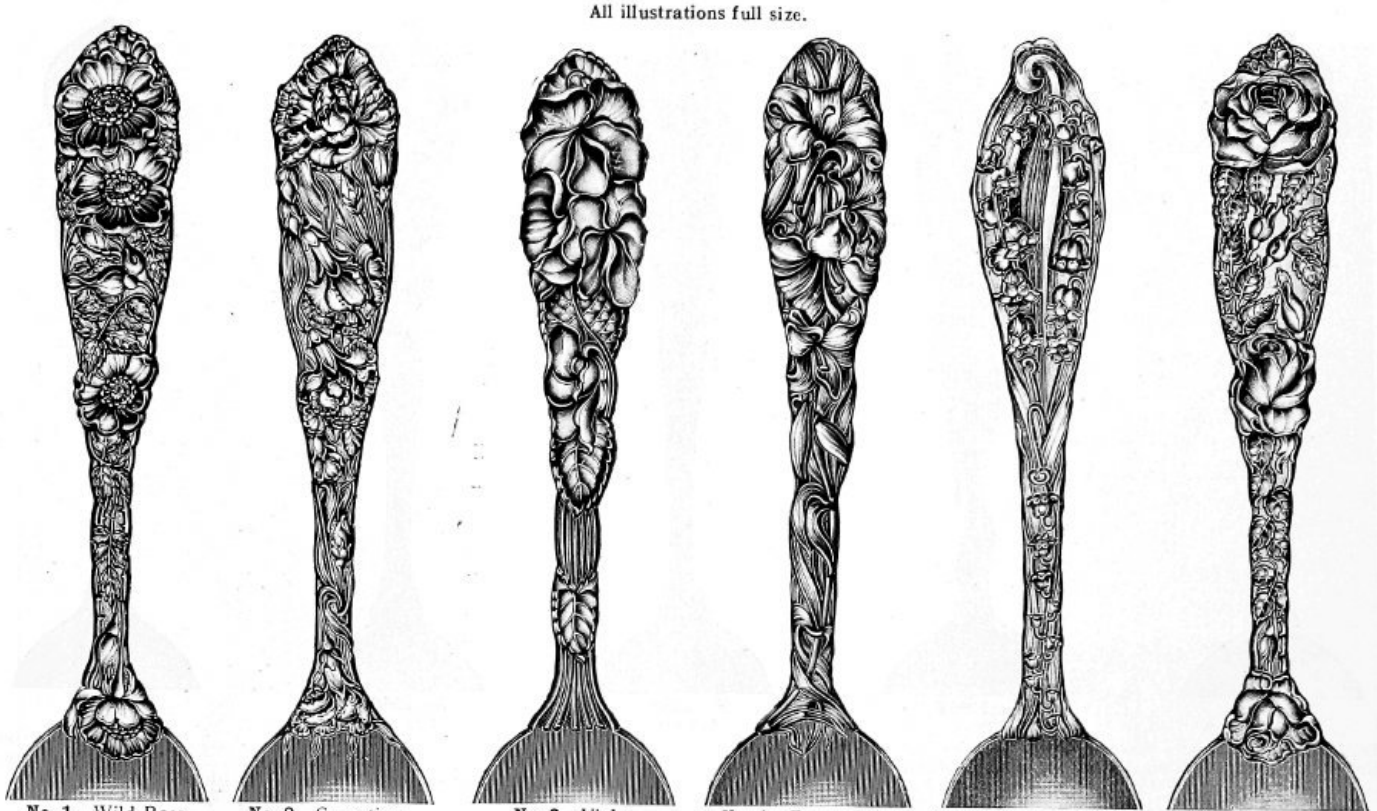
No. 19A.

No. P23.

No. 19A—Match safe, etched. .....each $4.18
No. P23—Cigarette case, gray finish. " 10.20

STERLING SILVER BIRTH MONTH SPOONS.

All illustrations full size.



No. 1—Wild Rose
January

No. 2—Carnation
February

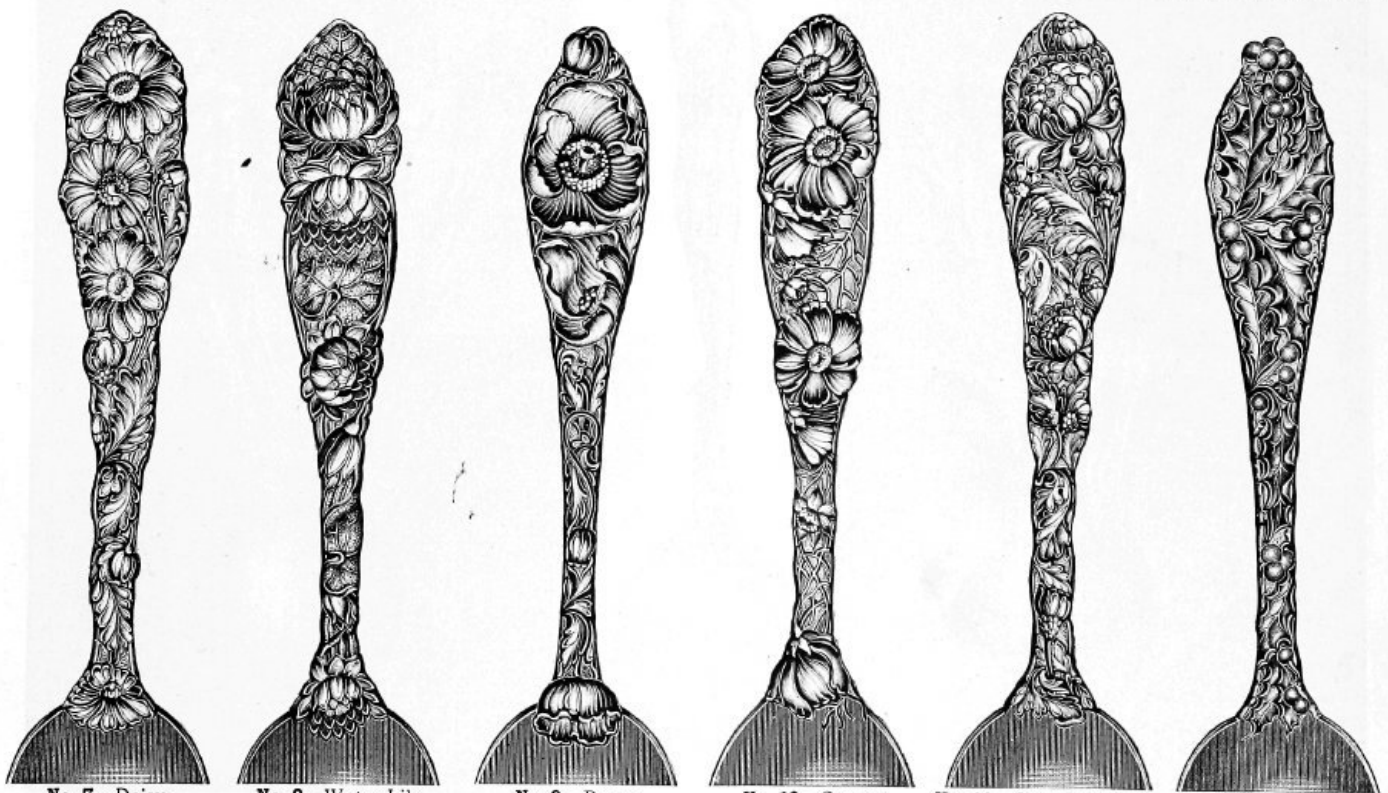
No. 3—Violet
March

No. 4—Easter Lily
April

No. 5-Lily of the Valley
May

No. 6—June Rose
June

All numbers, extra heavy, French gray finish, plain bowls.....per dozen $30.00



No. 7—Daisy
July

No. 8—Water Lily
August

No. 9—Poppy
September

No. 10—Cosmos
October

No. 11—Chrysanthemum
November

No. 12—Holly
December

All numbers, extra heavy, French gray, plain bowls.....per dozen $30.00

STERLING SILVER SOUVENIR SPOONS.

TEASPOONS, FRENCH GRAY FINISH, GILT BOWLS.

All Illustrations Full Size.

No. 7002
Per dozen $22.00

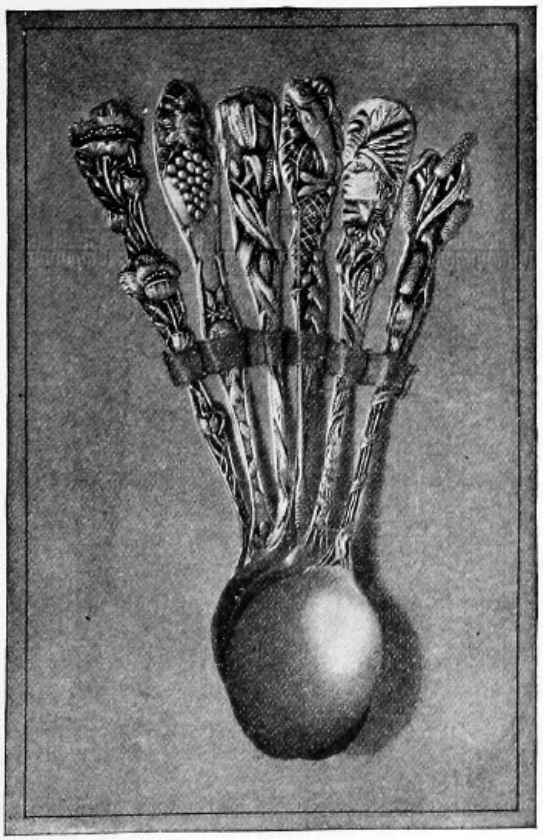
No. 21662
$33.00

No. 2382
$24.00

No. 21487
$24.00

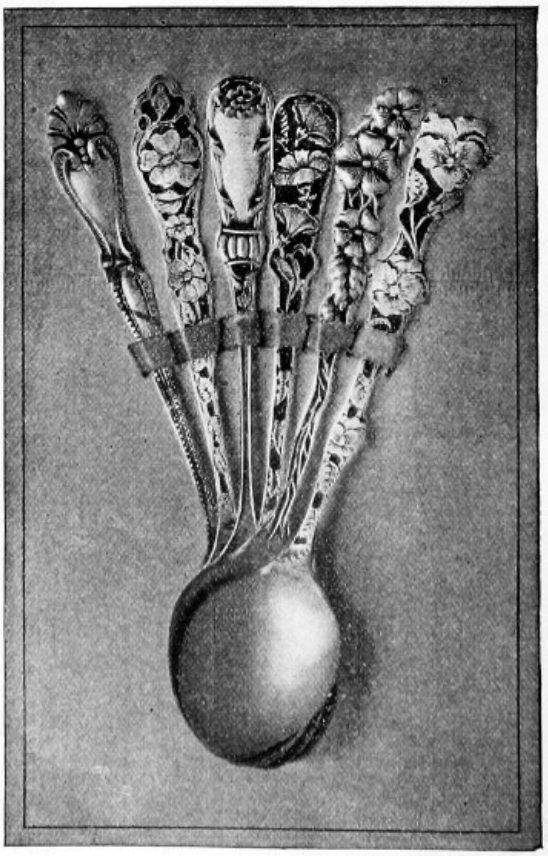
No. 21158
$22.00

Engraved Names of any town in bowls of above tea spoons, extra.....per dozen $ 4.00
Engraved Views or buildings in bowls of above teaspoons, extra..... " 10.00
We carry No. 7002 in stock of Illinois only but can furnish any other state direct from factory at same price as No. 7002 Illinois.



No. 21323A—Coffee spoons, French gray, gilt bowls, per dozen..... $8.30
SOLD IN CARDS OF HALF DOZEN ONLY.

No. 21795—Coffee spoon, French gray, gilt bowls, per dozen..... $13.50

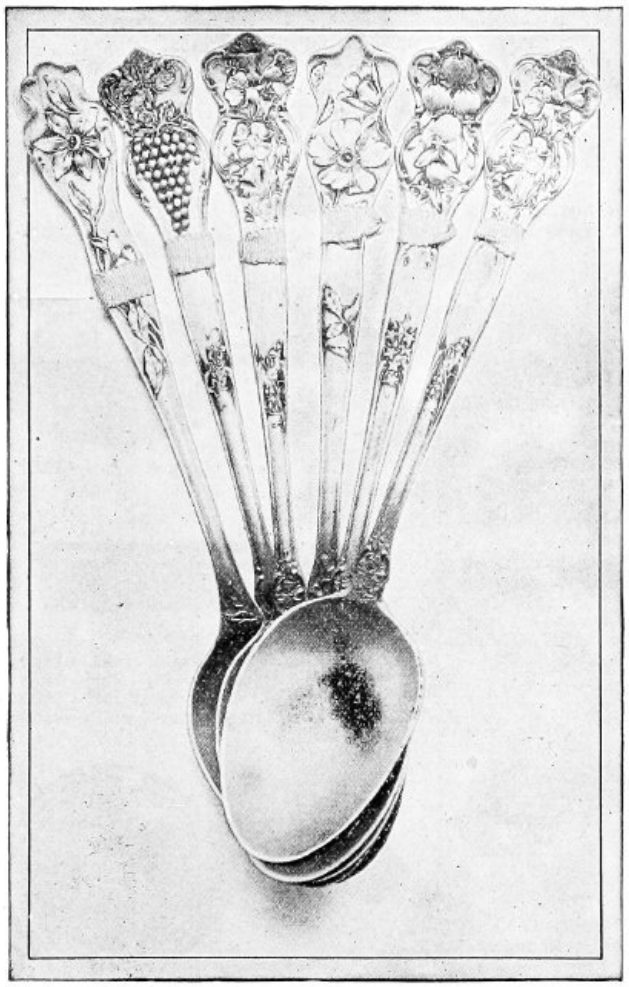


No. 7508A—Coffee spoons, French gray, gilt bowls, per dozen..... $8.30
SOLD IN CARDS OF HALF DOZEN ONLY.

Engraved Names of any town in bowls of above coffee spoons, extra.....per dozen $2.00

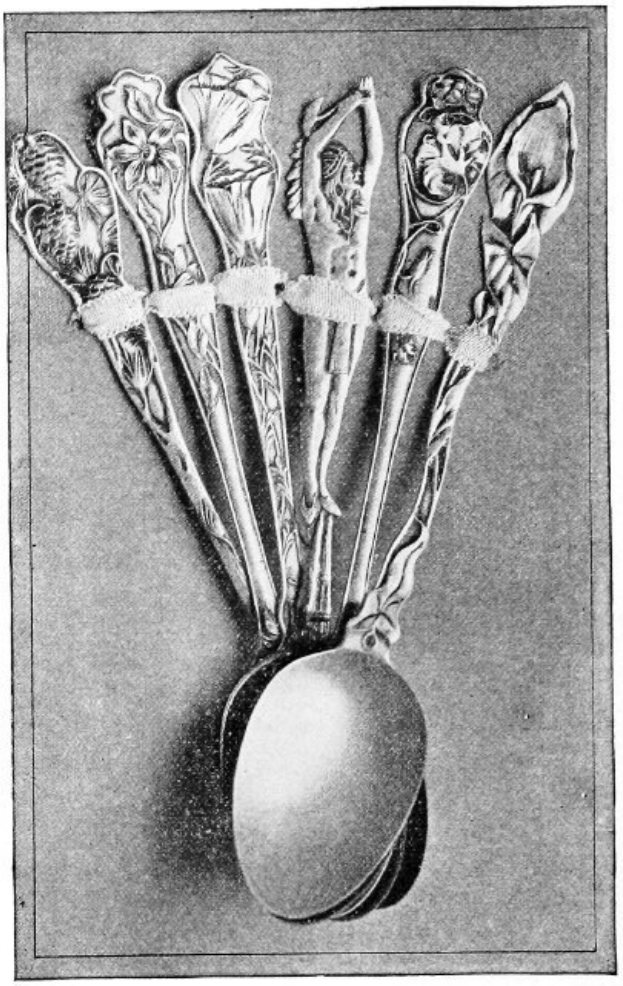
STERLING SILVER SOUVENIR SPOONS.

All Illustrations Full Size.



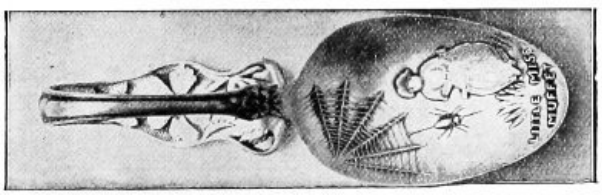
No. 14001A.

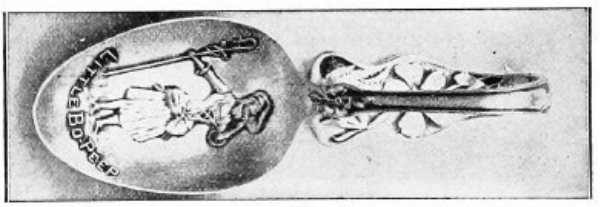
Spoons shown on cards sold only in half dozen lots.



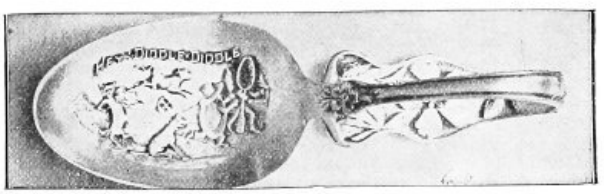
No. 2178A.

No. 14001A—Tea spoons, French gray finish, gilt bowls, assorted half dozen on card.....per dozen $13.50
No. 2178 A—Tea spoons, French gray finish, gilt bowls, assorted half dozen on card.....“ 13.50
Engraved Names of any city in bowls of above spoons, extra.....“ 4.00
Engraved Views of buildings in bowls of above spoons, extra.....“ 9.00



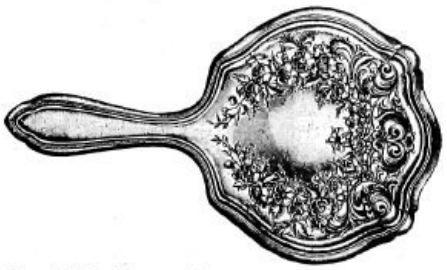


No. 14093—Baby spoons, French gray finish, stamped subject in bowl, wild rose handle.....per dozen $16.50
No. 14094—Baby spoons, French gray finish, stamped subject in bowl, wild rose handle.....“ 16.50

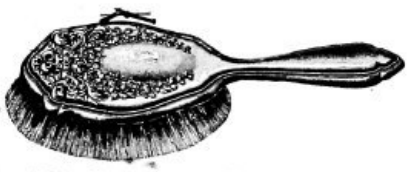


No. 14095—Baby spoons, French gray finish, stamped subject in bowl, wild rose handle.....per dozen $16.50

STERLING SILVER TOILET ARTICLES.



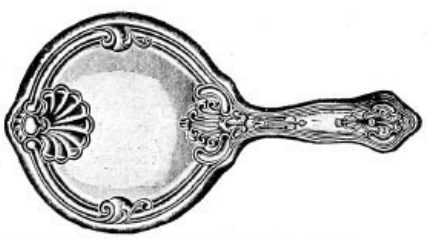
No. C527—Mirror, French gray, length 10 in.....each $15.00



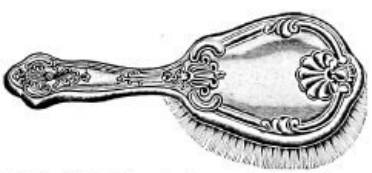
No. C527—Hair Brush, French gray, length 9 in.....each $8.12

French Gray Finish.

No. C527—Comb, length 7½ in.....each $2.25
No. C527—Military Brush, length 5 in. " 5.62
No. C527—Hat Brush, length 5¼ in. " 3.75
No. C527—Cloth Brush, length 7 in.. " 6.25



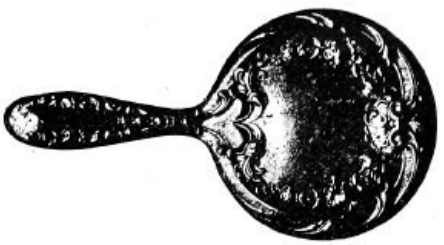
No. C525—Mirror, heavy, bright silver finish, long handle, length 11 in...each $17.50



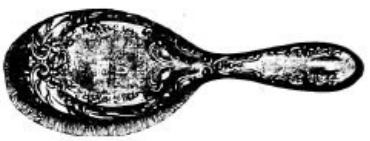
No. C525—Hair Brush, heavy, bright silver finish, long handle, length 9½ in., each..... $9.38

Heavy Bright Silver Finish.

No. C525—Small comb, height 7¼ in., each..... $3.25
No. C525—Large comb, length 7½ in., each..... 3.50
No. C525—Cloth brush, length 7 in..each 6.25
No. C525—Hat brush, length 5 in... " 3.75
No. C525—Military brush, length 5 in. " 6.25
No. C525—Whisk broom, length 8½ in., each..... 6.25
No. C525—Small salve jar, height 1½ in.....each 2.75
No. C525—Large salve jar, height 2 in. " 3.38
No. C525—Puff box, height 3 in..... " 8.12



No. C515—Mirror, French gray, floral design, length 10 in.....each $18.12

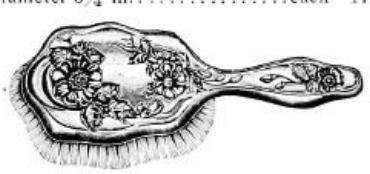


No. C515—Hair Brush, French gray, floral design, length 9¼ in.....each $8.75

French Gray Finish.

No. C515—Comb, length 7½ in....each $2.25
No. C515—Military Brush, length 5 in., each..... 6.25
No. C515—Hat Brush, length 4½ in.each 3.75
No. C515—Cloth Brush, length 6½ in., each..... 6.25

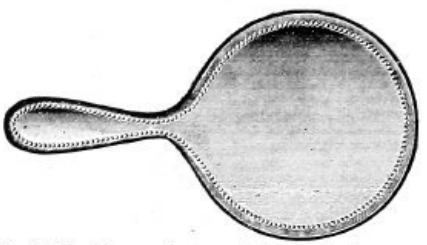
No. C526—Mirror, heavy, empire finish, bright silver border and centre, long handle, length 11 in.....each $18.75
No. C526—Ring or loop handle glass, diameter 5¼ in.....each 17.50



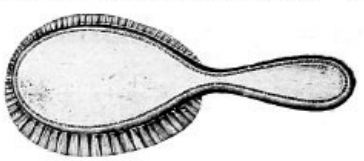
No. C526—Hair brush, heavy, empire finish, bright silver border and centre, long handle, length 9 in .....each $10.00

Heavy, Empire Finish, Bright Silver Border and Centre.

No. C526—Small comb, length 7¼ in., each..... $ 3.50
No. C526—Large comb, length 7⅞ in., each..... 3.75
No. C526—Cloth brush, length 7 in.each 7.50
No. C526—Hat brush, length 5 in.. " 4.62
No. C526—Military brush, length 5 in., each..... 6.90
No. C526—Whisk broom, length 9 in., each..... 7.50
No. C526—Small salve jar, height 1¾ in.....each 4.38
No. C526—Large salve jar, height 2 in., each..... 5.62
No. C526—Puff box, height 3½ in..each 15.00

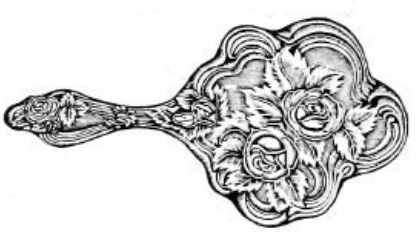


No. C502—Mirror, heavy, plain beaded design, length 9½ in.....each $20.00
No. C502—Ring or loop handle mirror, plain beaded design, diameter 5½ in., each..... 18.75



No. C502—Hair brush, heavy, plain beaded design, length 9¼ in....each $10.00
No. C502—Hair brush, heavy, small, plain beaded design, length 8¼ in., each..... 8.75

No. C502—Comb, heavy, large, plain beaded design, length 7½ in.....each $2.75
No. C502—Comb, heavy, small, plain beaded design, length 7¼ in.....each 2.50



No. C520—Mirror, extra heavy, empire finish, long handle, length 11 in..each $28.75

No. C520—Hair brush, extra heavy, empire finish, large, length 9¾ in...each $11.90
No. C520—Hair brush, extra heavy, empire finish, small, length 8½ in ..each 10.60

Extra Heavy, Empire Finish.

No. C520—Large comb, size 7½×1¾ in., each..... $ 4.25
No. C520—Small comb, size 7½×1⅜ in., each..... 4.12
No. C520—Cloth brush, length 6½ in., each..... 8.75
No. C520—Hat brush, length 4¾ in. each 5.65
No. C520—Military brush, length 5 in., each..... 8.75
No. C520—Whisk broom, length 9 in., each..... 8.75
No. C520—Salve jar, small, height 2 in., each..... 4.38
No. C520—Salve jar, large, height 2½ in., each..... 5.62
No. C520—Puff box, height 3½ in..each 15.62

STERLING SILVER TOILET ARTICLES.

No. C502—Puff box, heavy, plain beaded design, height 3¼ in... each $6.25

Heavy, Plain Beaded Design.

No. C502—Salve jar, large, height 2¼ in	each	$4.12
No. C502—Salve jar, small, height 1¾ in	"	3.12
No. C502—Cloth brush, length 7 in	"	9.40
No. C502—Hat brush, length 6½ in	"	5.00
No. C502—Whisk broom, length 9¾ in	"	7.50
No. C502—Military brush, length 4¾ in	"	7.50

QUADRUPLE SILVER PLATED WARE.

No. 6405V—Photograph Frame, gray silver, etched decoration, height 7 in., width 5 in. ..... each $5.75

No. 6400V—Photograph Frame, bright silver pierced, 5½×4¼ in. ..... each $5.50

No. 6414V—Photograph Frame, bright silver ..... each $6.50

QUADRUPLE SILVER PLATED WARE.

No. 2606V—Cream Pitcher, gold lined, each..... $6.25

No. 2606V—Sugar Bowl,.....each $7.50

No. 2606V—Spoon Holder, gold lined, each..... $6.25

No. 2606V—Tea Pot, height 5½ in., capacity 1½ pints.....each $10.75

No. 2606V—Coffee Pot, height 6¾ in., capacity 2 pts.....each $11.75

No. 2606V—Tea Set, consisting of Tea Pot, Coffee Pot, Cream Pitcher, Sugar Bowl and Spoon Holder, English engraved, bright silver....per set 42.50

Butter Dish and Syrup Pitcher not made to match.

No. 2604V—Cream Pitcher, gold lined, each..... $5.75

No. 2604V—Sugar Bowl,.....each $7.00

No. 2604V—Spoon Holder, gold lined, each..... $5.75

No. 2604V—Butter Dish.....each $8.50

No. 2604V—Syrup Pitcher.....each $8.00

No. 2604V—Coffee Pot, height 6 in., capacity 2 pts.....each $9.75

No. 2604V—Tea Pot, height 5¼ in., capacity 2 pts.....each 8.75

No. 2604V—Tea Set, consisting of Tea Pot, Coffee Pot, Cream Pitcher, Sugar Bowl and Spoon Holder, English engraved.....per set 37.00

QUADRUPLE SILVER PLATED WARE.

No. 1699D—Syrup Pitcher and plate, each..... $13.25

No. 1699D—Butter Dish.....each $13.25

No. 1699D—Coffee Urn.....each $35.00

No. 1699D—Coffee Pot, height 10 in., capacity 2 pints.....each $20.75
No. 1699D—Tea Pot, height 9 in., capacity 2 pints..... " 19.50
No. 1699D—Sugar Bowl..... " 11.75
No. 1699D—Cream Pitcher, gold lined..... " 9.00
No. 1699D—Spoon Holder, gold lined..... " 9.00
No. 1699D—Tea Set, oval fluted, bright silver, ebony handles, gold lined, 5 pieces, consisting of coffee pot, tea pot, sugar bowl, cream pitcher and spoon holder.....per set 70.00
No. 1699D—Waiter, 21 in., satin bright border, ebony handles..each 40.00

No. 625L—Cream Pitcher.....each $4.25

No. 625L—Spoon Holder.....each $4.52

No. 625L—Sugar Bowl.....each $6.50

No. 625L—Coffee Pot, height 10½ in., capacity 3 pints.....each $8.50
No. 625L—Tea Pot, height 9½ in., capacity 2½ pints.....each 8.00

No. 625L—Butter Dish.....each $5.50

No. 625L—Syrup Pitcher.....each $7.25

No. 625L—Tea Set, consisting of coffee pot, tea pot, sugar bowl, gold lined cream pitcher and spoon holder, French gray finish .....per set 31.50

QUADRUPLE SILVER PLATED WARE

No. 2683V—Cream Pitcher, gold lined .....each $7.00

No. 2683V—Sugar Bowl, each $8.75

No. 2683V—Spoon Holder, gold lined.....each $7.00

No. 2683V—Butter Dish, glass drainer.....each $8.75

No. 2683V—Syrup Pitcher and plate, each $7.50

No. 2683V—Tea Pot, height 8 in., capacity 2 pts.....each $12.00

No. 2683V—Coffee Pot, height 9 in., capacity 2 pts.....each $12.25

No. 2683V—Tea Set, consisting of coffee pot, tea pot, cream pitcher, sugar bowl and spoon holder, bright silver, gray silver decorations.....per set 47.00

No. 2653V — Cream Pitcher, gold lined.....each $4.50

No. 2653V—Sugar Bowl, each $4.75

No. 2653V—Spoon Holder, gold lined.....each $4.50

No. 2653V—Butter Dish, with glass drainer.....each $5.75

No. 2653V—Syrup Pitcher and plate, each $6.75

No. 2653V—Tea Pot, height 7¼ in., each $7.25

No. 2653V—Coffee Pot, height 8 in., capacity 2½ pts.....each $7.75

No. 2653V—Tea Set, bright silver, repousse chased, gold lined, 5 pieces.....per set $28.75

QUADRUPLE SILVER PLATED WARE.

No. 2658V—Cream Pitcher, gold lined.....each $4.00

No. 2658V—Sugar Bowl, each $4.75

No. 2658V—Spoon Holder, gold lined.....each $4.00

No. 2658V—Butter Dish, with glass drainer.....each $6.25

No. 2658V—Syrup Pitcher and plate, each $6.75

No. 2658V—Tea Pot, height 7½ in., capacity 2½ pts.....each $7.75

No. 2658V—Coffee Pot, height 8¼ in., capacity 3 pts.....each $8.25

No. 2658V—Tea Set, satin engraved, bright shield, gold lined, 5 pieces, consisting of coffee pot, tea pot, sugar bowl, cream pitcher and spoon holder.....per set 28.75

No. 62V—Sugar Bowl.....each $2.50

No. 62V—Tea Pot, capacity 2 pts..each $4.50

No. 62V—Butter Dish, with glass drainer, each..... $3.00

No. 62V—Syrup Pitcher and plate ..each 4.25

No. 62V—Spoon Holder, gold lined.....each $2.25

No. 62V—Cream Pitcher, gold lined.....each $2.25

No. 62V—Tea Set, satin engraved, gold lined, 4 pieces, consisting of tea pot, spoon holder, cream pitcher and sugar bowl.....per set 11.50

QUADRUPLE SILVER PLATED WARE.

No. 2652V—Cream Pitcher, satin engraved, gold lined.....each $3.50

No. 2652V—Sugar Bowl, satin engraved, each..... $4.00

No. 2652V—Spoon Holder, satin engraved, gold lined.....each $3.50

No. 2652V—Tea Pot, satin engraved, capacity 2 pts.....each $6.25

No. 2652V—Coffee Pot, satin engraved, capacity 2½ pts.....each $6.75

No. 2652V—Tea Set, consisting of tea pot coffee pot cream pitcher, sugar bowl and spoon holder, satin bright cut.....per set 24.00
No. 2652V—Butter Dish.....each 5.25
No. 2652V—Syrup Pitcher and plate..... " 6.25

No. 2698V—Cream Pitcher, gold lined, each $3.75

No. 2698V—Sugar Bowl, gold lined..each $5.00

No. 2698V—Spoon Holder, gold lined, each $3.75

No. 2698V—Butter Dish, glass drainer.....each $5.50

No. 2698V—Tea Pot, height 9 in., capacity, 2½ pts.....each $7.00

No. 2698V—Tea Set, 4 pieces, bright silver, consisting of tea pot, sugar bowl, cream pitcher and spoon holder..... per set 19.50

QUADRUPLE SILVER PLATED WARE.

No. 2676V—Cream Pitcher, gray finish, applied decorations, gold lined....each $6.50

No. 2676V—Sugar Bowl, gray finish, applied decorations.....each $7.50

No. 2676V—Spoon Holder, gray finish, applied decorations, gold lined....each $6.50

No. 2676V—Butter Dish, gray finish, applied decorations.....each $7.50

No. 2676V—Tea Pot, gray finish, applied decorations, height 9¼ in., capacity 2½ pts.....each $9.75

No. 2676V—Coffee Pot, gray finish, applied decorations, height 10 in., capacity 2½ pts.....each $10.75

No. 2676V—Tea Set, French gray finish, applied decorations; 5 pieces, consisting of coffee pot, tea pot, sugar bowl, cream pitcher and spoon holder,.....per set 41.00

No. 2637V—Cream Pitcher, satin bright cut, bright shield, gold lined.....each $3.25

No. 2637V—Sugar Bowl, satin bright cut, bright shield, each.....$3.50

No. 2637V—Spoon Holder, satin bright cut, bright shield, gold lined.....each $3.25

No. 2637V—Tea Pot, satin bright cut, bright shield, height 9¼ in., capacity 3 pts..each $6.00

No. 2637V—Butter Dish, satin bright cut, bright shield.....each 4.75
No. 2637V—Syrup Pitcher and plate, satin bright cut, bright shield.....“ 5.00
No. 2637V—Tea Set, satin bright cut, bright shield, 4 pieces, consisting of cream pitcher, sugar bowl, spoon holder and tea pot.....per set 16.00

No. 2689V—Cream Pitcher, gold lined.....each $4.50

No. 2689V—Sugar Bowl, each $5.50

No. 2689V—Spoon Holder, gold lined.....each $4.50

No. 2689V—Coffee Pot, height 9¾ in., capacity 2½ pts. each $8.75

No. 2689V—Tea Pot, height 9 in., capacity 2 pts.....each $8.25
No. 2689V—Butter Dish.....“ 7.00
No. 2689V—Syrup Pitcher and plate.....“ 6.50
No. 2689V—Tea Set, bright silver, 5 pieces.....per set 31.50

QUADRUPLE SILVER PLATED WARE.

No. 2601V—Cream Pitcher, gold lined, each..... $3.75

No. 2601V—Sugar Bowl.....each $4.25

No. 2601V—Spoon Holder, gold lined, each..... $3.75

No. 2601V—Tea Pot, capacity 2 pts.....each $6.75

No. 2601V—Coffee Pot, capacity 2½ pts.....each $7.50

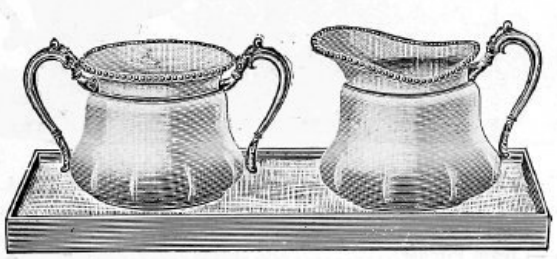
No. 2601V—Tea Set, consisting of coffee pot, tea pot, cream pitcher, sugar bowl and spoon holder, bright silver.....per set 26.00
No. 2601V—Butter Dish.....each 5.50
No. 2601V—Syrup Pitcher and Plate..... " 6.50

No. 1151V—Cream Pitcher, bright fluted, gold lined, each..... $4.25

No. 1151V — Sugar Bowl, bright fluted, gold lined, each..... $4.25

No. 1150V—Cream Pitcher, bright fluted, gold lined, each..... $4.25

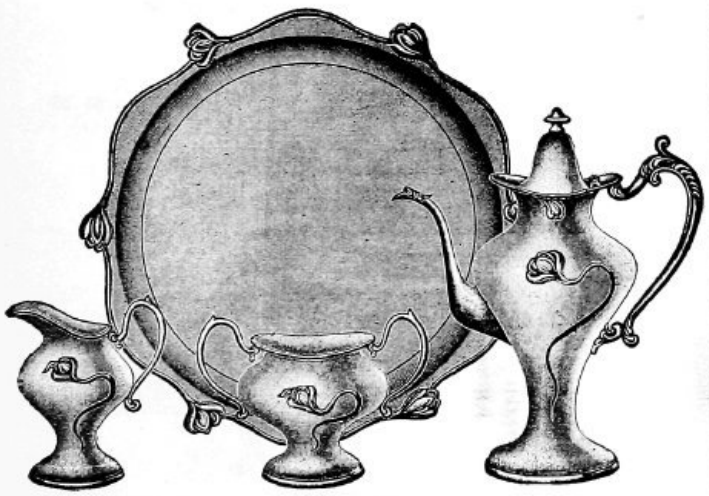
No. 1150V — Sugar Bowl, bright fluted, gold lined, each..... $4.25



No. 627F—Dessert Set, fluted, burnished, gold lined.....per set $6.25

No. 632F—Dessert Set, shaded gray, gold lined.....per set $7.75

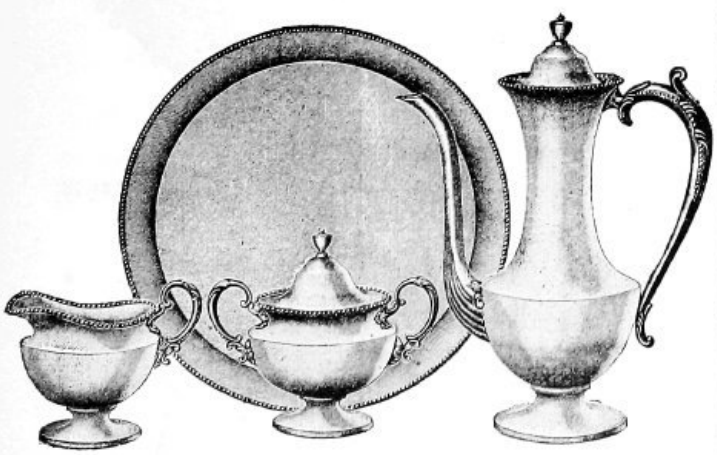
QUADRUPLE SILVER PLATED WARE.



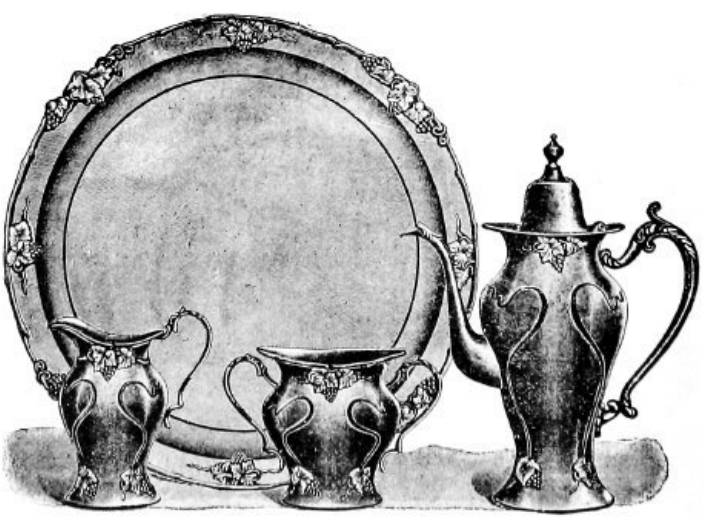
Crocus Pattern.

No. 02672—Coffee Set, 4 pieces, Butler finish	per set		$22.75
No. 02672—Coffee Pot, height 9 in., capacity 1 pt	each		7.75
No. 02672—Sugar Bowl, gold lined	"		4.25
No. 02672—Cream Pitcher, gold lined	"		3.75
No. 02672—Waiter, 12 in.	"		7.00

No. 1015E—Coffee Set, 4 pieces, bright silver	per set		$17.25
No. 1015E—Coffee Pot, capacity 1 pt	each		6.00
No. 1015E—Sugar Bowl	"		3.00
No. 1015E—Cream Pitcher, gold lined	"		3.00
No. 604 —Waiter, 11 in.	"		5.25



No. 02644—Coffee Set, 4 pieces, bright silver	per set		$20.25
No. 02644—Coffee Pot, height 10¼ in., capacity 1 pt	each		8.25
No. 02644—Sugar Bowl	"		4.00
No. 02644—Cream Pitcher, gold lined	"		4.00
No. 02644—Waiter, 11 in.	"		4.00



No. 0675V—Coffee Set, 4 pieces, French gray	per set		$24.25
No. 0675V—Coffee Pot, height 8 in., capacity 1 pt	each		8.00
No. 0675V—Sugar Bowl	"		4.50
No. 0675V—Cream Pitcher	"		4.25
No. 672 —Tray, 12 in.	"		7.50

QUADRUPLE SILVER PLATED WARE.

PRIZE CUPS.

No. 418D—Prize Cup, height 4½ in., bright silver, gold lined.....each $5.50

Shaded Gray.

No. 1016F—Prize Cup, 4⅝ in., gold lined, each..... $ 5.75
No. 1015F—Prize Cup, 5¾ in., gold lined, each..... 7.25
No. 1014F—Prize Cup, 7⅛ in., gold lined, each..... 11.00
No. 1013F—Prize Cup, 10 in., gold lined, each..... 17.00

Measurements do not include bases.

No. 408D—Prize Cup, height 3⅞ in., bright silver, gold lined.....each $6.00

No. 459D—Loving Cup, height 7½ in., 2 handles, Butler finish, gold lined, each $13.50

No. 1009F—Prize Cup, 6¾ in., burnished, gold lined.....each $10.00

No. 427D—Prize Cup, height 9½ in., Butler finish, gold lined, each..... $23.75

No. 457D—Prize Cup, Butler finish, height 11 in., 2 handles, gold lined.....each $27.50
No. 457D—3 handles, gold lined, otherwise same as above.... " 32.00

QUADRUPLE SILVER PLATED HOTEL WARE.

PLAIN, POLISHED, EXTRA HEAVY METAL.

No. 2667V—Cream Pitcher, ¼ pt. ..each $1.75
No. 2667V—Cream Pitcher, ½ pt. .. " 2.50
No. 2667V—Cream Pitcher, ¾ pt. .. " 3.50

No. 2667V—Sugar Bowl, 4 oz.....each $2.50
No. 2667V—Sugar Bowl, 6 oz..... " 3.00
No. 2667V—Sugar Bowl, 8 oz..... " 3.50
No. 2667V—Sugar Bowl, 16 oz..... " 4.25

No. 2667V—Spoon Holder.....each $3.75

No. 2667V—Pot, ½ pt.....each $4.00
No. 2667V—Pot, ¾ pt..... " 4.25
No. 2667V—Pot, 1 pt..... " 5.00

No. 2667V—Butter Dish. .....each $6.25

		TUREEN.	PLATE.
No. 2667V—Tureen, ¾ pt..	each	$3.75	$1.50
No. 2667V—Tureen, 1 pt..	"	4.25	2.00
No. 2667V—Tureen, 1½ pt.	"	5.25	2.25
No. 2667V—Tureen 2 pts..	"	6.25	2.50

No. 2667V—Syrup Pitcher and Plate, each $5.00

With Ice Fender.

No. 2048V—Bar Pitcher, 1 pt.....each $3.75
No. 2048V—Bar Pitcher, 1½ pts.... " 5.00
No. 2048V—Bar Pitcher, 2 pts..... " 5.75
No. 02065 —Bar Pitcher, 2 qts..... " 9.50

No. 2667V — Bread Tray, burnished, 12½ in.....each $4.25

QUADRUPLE SILVER PLATED WARE.

No. 2082V—Water Set, bright fluted, 3 pieces.....per set $19.50
No. 2082V—Pitcher, height 8 in., capacity 3½ pts.....each 10.75
No. 2082V—Goblet, gold lined..... " 3.50
No. 2082V—Waiter, 10 in..... " 5.25

No. 2021V—Water Set, bright fluted, 3 pieces.....per set $14.50
No. 2021V—Pitcher, height 6½ in., capacity 3 pts.....each 8.00
No. 2021V—Goblet, gold lined..... " 2.75
No. 2021V—Waiter, 10 in..... " 3.75

No. 2002V — Pitcher, crocus pattern, height 11 in., Butler finish, porcelain lined, capacity 2 qts.....each $16.50

No. 2065V—Pitcher, satin bright cut, bright shield, capacity 2 quarts...each $10.25
No. 2065V—Plain satin, capacity 2 quarts each..... 9.50

No. 2016V—Water Set, Butler finish, applied decorations, 3 pieces, 2 quart pitcher, gold lined goblet, and 11 in. waiter..... per set $18.25
No. 2016V—Pitcher, capacity 3 pints, each..... 10.00
No. 2016V—Goblet, gold lined.....each 3.50
No. 2016V—Waiter, 11 in..... " 4.75

No. 02073½V—Tilting Water Set, height 20½ in., bright finish, porcelain lining, gold lined goblets and waste bowl, capacity 2 quarts.....per set $39.75

No. 02086—Tilting Water Set, 20 in., porcelain lined, goblet and waste bowl, capacity 2 quarts.....per set $32.50

No. 2020—Water Set, satin bright cut, 3 pieces, pitcher, goblet and waiter, per set..... $14.00
No. 2020—Pitcher.....each 7.50
No. 2020—Goblet, gold lined..... " 2.75
No. 2020—Waiter..... " 3.75

No. 2086V—Ice Pitcher, fluted plain bright silver, porcelain lining, height 11¼ in., capacity 2 quarts.....each $15.25

QUADRUPLE SILVER PLATED WARE.

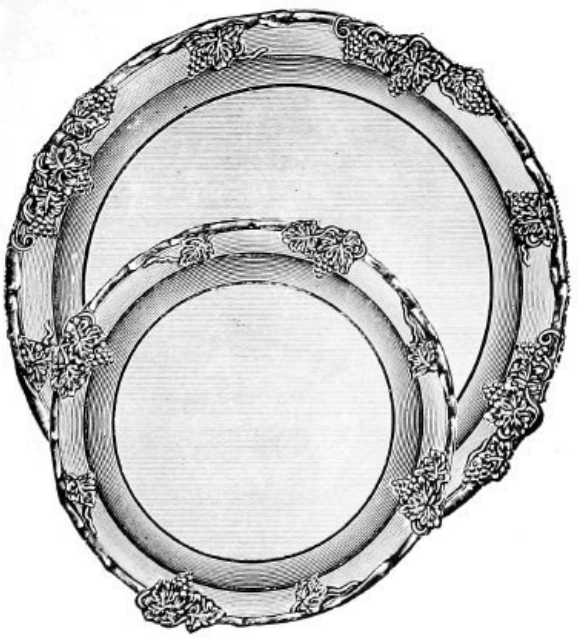
COMMUNION SERVICE.

Bright Silver.

No. 2206V—6 piece, silver lined, 1 qt. flagon	per set	$32.75
No. 2206V—6 piece, silver lined, 2 qt. flagon	"	35.25
No. 2206V—6 piece, gold lined, 1 qt. flagon	"	35.75
No. 2206V—6 piece, gold lined, 2 qt. flagon	"	38.25

		SILVER LINED	GOLD LINED
No. 2206V—Chalice, height 6½ in	each	$ 3.50	$4.25
No. 2206V—Bowl, diameter, 8 in	"	6.50	8.00
No. 2206V—Plate, diameter 9¼ in	"	4.25	
No. 2206V—Flagon, capacity 1 qt	"	10.75	
No. 2206V—Flagon, capacity 2 qt	"	13.25	

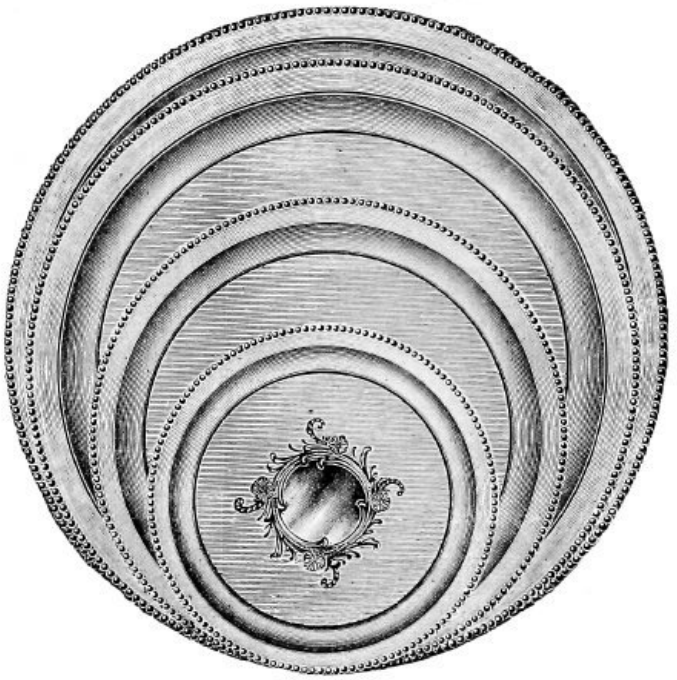
WAITERS.



Butler Finish.

No. 672V—Size	6	8	10	12	13	14	16
Each	$3.25	5.00	6.25	7.50	9.50	11.00	14.25

WAITERS.

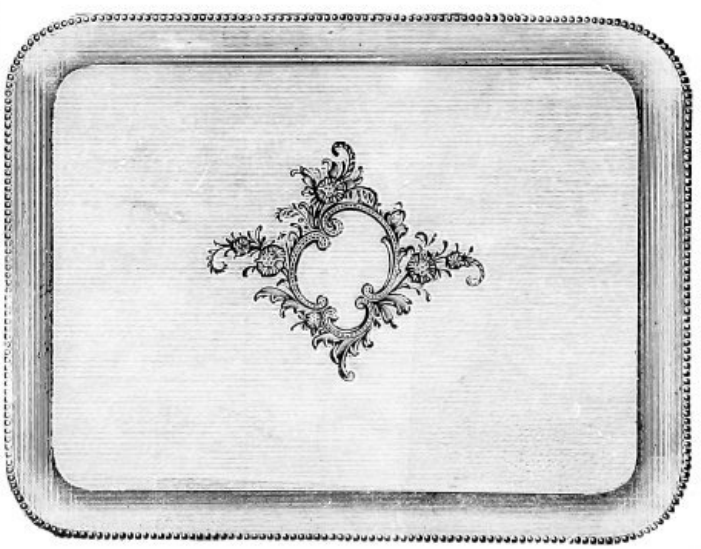


Burnished Borders, Plain Satin.

No. 613V—Size	6	8	10	11	12
Each	$1.65	2.75	4.25	4.75	5.25

Burnished Borders, Satin Engraved, Burnished Shield.

No. 613V—Size	6	8	10	11	12
Each	$1.85	3.00	4.75	5.25	6.00



Burnished Border, Plain Satin.

No. 610V—Size	12	14	16	19
Each	$6.50	8.00	11.00	17.00

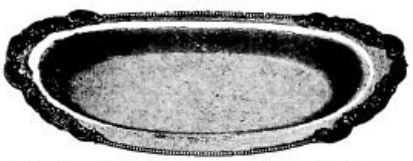
Burnished Border, Satin Engraved, Burnished Shield.

No. 610V—Size	12	14	16	19
Each	$7.25	8.75	12.25	18.25
Ebonized handles				extra 4.00

QUADRUPLE SILVER PLATED WARE.

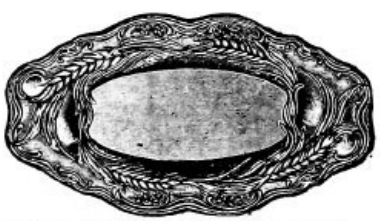
BREAD TRAYS.

No. 1028V—Length 13½ in., Butler finish, each $7.50

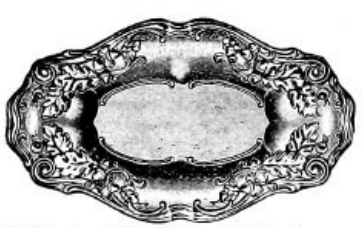


No. 1035V—Length 13 in., plain satin, each..... $4.75
No. 1035V—Length 13 in., bright silver, each 5.00

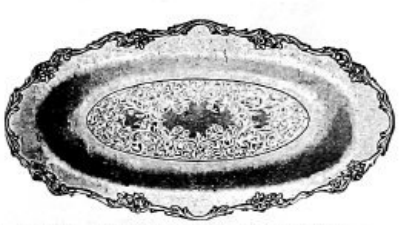
No. 1017½V—Length 12½ in., bright silver.....each $3.75
No. 1017V —Satin, length 12½ in.. " 3.75



No. 1045V—Length 12 in., bright silver gray silver decoration.....each $4.50

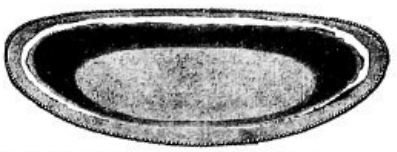


No. 1027V—Length, 12 in., bright silver, gray silver decoration.....each $4.50



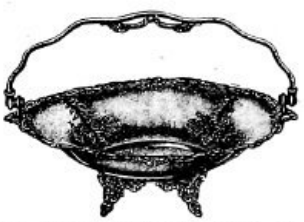
No. 1022V—Length 13½ in., bright silver, English engraved.....each $7.00

BREAD TRAYS.



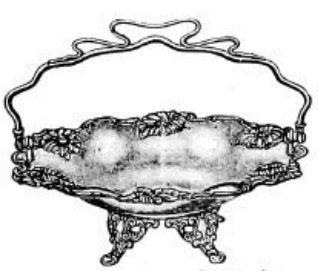
No. 1034V—Plain satin, length 12½ in., each $4.25
No. 1034V—Bright silver, length 12½ in., each 4.50

CAKE BASKETS.

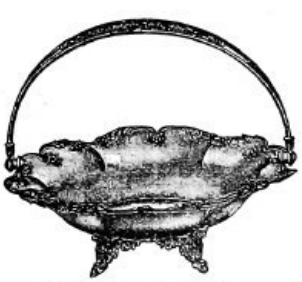


No. 1001V—Diameter 10¼ in., satin, engraved .....each $4.75

No. 1056V—Diameter 9½ in., Butler finish.....each $9.50



No. 1070V—Diameter 10 in., Butler finish, orchid pattern.....each $9.25



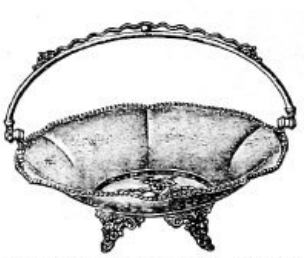
No. 1016V—Diameter 9 in., fluted, bright silver.....each $7.00

CAKE BASKETS.

No. 1018V—Diameter 10 in., bright fluted, each $6.75

No. 1066V—Diameter 10½ in., crocus pattern, Butler finish.....each $9.25

No. 1019V—Diameter 10½ in., bright fluted .....each $6.25



No. 1013V—Diameter 9½ in., chased, bright fluted .....each $5.00

QUADRUPLE SILVER PLATED WARE.

MAYONNAISE OR CUT SUGAR DISHES.

No. 741V—Bright silver, gold lined..each $7.50

FRUIT DISHES.

No. 1285V—Orchid pattern, Butler finish, height 10½ in., diameter 11½ in., each..... $10.75

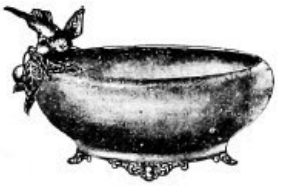
FRUIT BOWLS.

No. 1282V—Butler finish, gold lined, height 5½ in., diameter 9½ in., crocus pattern.....each $11.75

FRUIT DISHES.

No. 1267V—Height 12½ in., colored glass, each..... $7.00

No. 1281V—Crocus pattern, Butler finish, gold lined, height 10 in., diameter 9½ in.....each $14.00

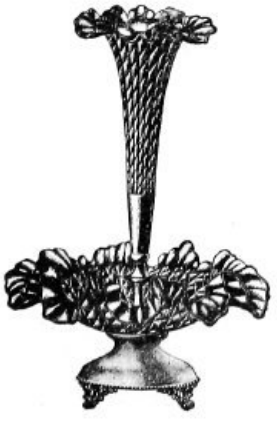


No. 1265V—Diameter 8 in., bright silver, gold lined.....each $8.75

No. 1295V—Butler finish, height 3¾ in., diameter 11½ in.....each $11.75

FRUIT BASKETS.

No. 1269V—Height 13 in., fancy decorated glass.....each $9.75



No. 1234V—Fancy colored glass, height 13½ in.....each $6.25

NUT BOWLS.

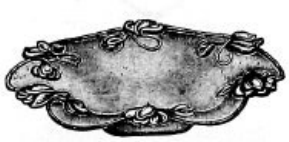
No. 4839V—Bright silver, gold lined, diameter 8 in.....each $9.25

QUADRUPLE SILVER PLATED WARE.

SALAD BOWLS.

No. 4800V—Bright silver, gold lined, diameter 7½ in. ..... each $6.75

No. 4858V—Butler finish, gold lined, diameter 8¾ in ..... each $7.50



No. 4852V—Butler finish, diameter 10 in., crocus pattern ..... each $8.75

No. 4814V—English chased, gold lined, diameter 8⅜ in ..... each $9.75

BAKING DISHES.

No. 2800V—Butler finish, 8 in. lining, applied decorations ..... each $11.00

No. 2802V—Butler finish, 8 in. lining, applied decorations ..... each $11.00

No. 2867V—Bright silver, 8 in. lining, each $9.25

No. 2866V—Bright silver, 8 in. lining, each $15.50

No. 395F—Bright silver, 8 in. lining, each $6.75

No. 2825V—Fluted bright silver, 8 in. lining ..... each $9.00

BAKING DISHES.

No. 2815V—Pierced bright silver, ebonized tip, 8 in. lining ..... each $10.50

No. 2863V—Gray finish, 8 in. lining, each $15.25

No. 2831V—Satin bright cut, 8 in. lining, each $9.25

No. 2874V — English chased, diameter 8½ in ..... each $13.50

No. 2859V—Butler finish, applied decorations, 8 in. lining ..... each $12.00

QUADRUPLE SILVER PLATED WARE.

TUREENS.

No. 3715V—Soup tureen, Butler finish, capacity 2½ qts.....each $13.75

No. 3711V—Soup tureen, Butler finish, c ocus pattern, capacity 2½ qts...each14.00

No. 2808V—Vegetable dish, Butler finish, orchid pattern, 8 in. hot water chamber, each $14.00

No. 3718V—Bright silver, gray silver decorations, capacity 2½ qts....each $15.50

LUNCH CASTERS.

No. 213V—Salt and pepper, decorated china.....each $2.75

No. 210V—Salt and pepper, decorated china .....each $2.85

No. P02—Plain finish.....each $3.00

LUNCH CASTERS.

No. 214V—Salt and pepper, cut glass, each $3.10

No. 212V—Salt and pepper, cut glass, each $3.35

No. 211V—Salt and pepper, cut glass, each $3.35

No. 215V—Salt, pepper and mustard, cut glass.....each $5.25

HIGH GRADE QUADRUPLE SILVER PLATED NICKEL SILVER WARE.

The goods illustrated on this page are 18 per cent nickel silver, quadruple silver plated and silver soldered, thereby making them more durable than other goods on the market.

CUPS.

No. P047—Gray finish, gold lined....each $3.90

No. P030—Plain finish, gold lined...each $2.40

No. P048—Gray finish, gold lined....each $3.00

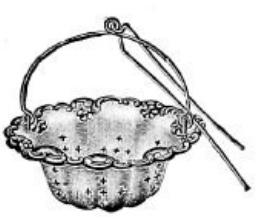
No. P031—Plain finish, gold lined....each $2.40
No. P031—Engraved, gold lined..... " 3.00

COLLAPSIBLE CUPS.

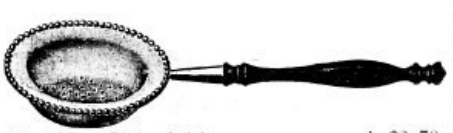
No. P018—Plain finish.....each $3.30

TEA STRAINERS.

No. P076—Plain finish.....each $1.80
No. P076—Gilt finish..... " 2.10



No. P072—Plain finish.....each $1.50
No. P072—Gilt finish..... " 1.80



No. P073—Plain finish.....each $2.70

No. P071—Plain finish.....each $2.70

TEA BALLS.

No. P059—Plain finish.....each $2.10

NAPKIN RINGS.

No. P361.

No. P360.

No. P361—Plain finish.....per dozen $5.70
No. P360—Satin engraved..... " 7.20

No. P302.

No. P343.

No. P302—Plain finish.....per dozen $10.80
No. P343—French gray finish.. " 12.00

TEA BELLS.

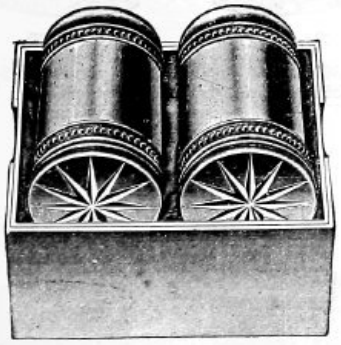
No. P22—Plain finish, height 3¾ in., each $2.16

HIGH GRADE QUADRUPLE SILVER PLATED NICKEL SILVER WARE.

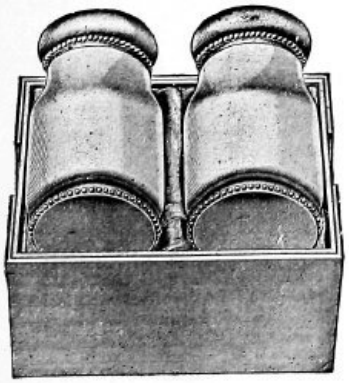
The goods illustrated on this page are **18** per cent nickel silver, quadruple silver plate and silver soldered, thereby making them more durable than any other goods on the market.

SALT AND PEPPER SETS.

No. P095—Height 2½ in., glass lined, per pair..... $2.28



No. P082—Height 2¼ in., glass lined, per pair..... $1.80

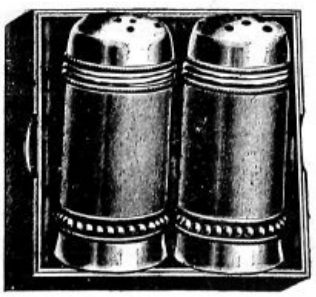


No. P023—Height 2½ in..... per pair $1.62

SALT AND PEPPER SETS.

No. P084—Height 2 in., glass lined, per pair..... $2.00

No. P28—Height 2¾ in.....per pair $0.43



No. P7—Height 2¾ in.....per pair $0.50

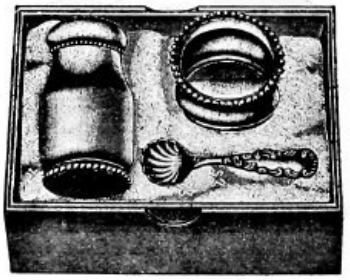
SALT AND PEPPER SETS.

No. 472P.

No. 475P.

No. 472P—Glass salt and pepper, cut bottoms, nickel silver tops.....per pair $0.84
No. 475P—Glass salt and pepper, cut bottoms.....per pair .74

SALT SETS.



No. 0411P—Gold lined..... per set $1.92

CIGARETTE CASES.

No. 012P—Gray finish, gold lined, will hold 12 cigarettes.....each $4.20

MATCH BOXES.

No 032P.

No. 031P.

No. 032P—Gray finish, gold lined...each $1.56
No. 031P—Gray finish, gold lined.... " 1.56

QUADRUPLE SILVER PLATED WARE.

FRUIT DISHES.

No. 1280V—Bright silver, colored glass, height 12 in., diam. 11 in.....each $5.75

No. 1276V—Bright silver, colored glass, height 12 in., diam. 12 in.....each $6.75

CASTERS.

No. 801D—Bright silver, height 18 in., 6 bottles.....each $12.00

CASTERS.

No. 907L—Chased pattern, height 16 in., 5 bottles.....each $5.00

No. 906L—Chased pattern, height 18 in., 5 bottles.....each $5.50

PICKLE CASTERS.

No. 104V—Height 11½ in.....each $2.50

PICKLE CASTERS.

No. 109V—Height 11¼ in.....each $2.75

No. 108—Height 12 in..... each $3.75

TOOTH PICK OR MATCH HOLDERS.

No. 1501V.

No. 224V.

No. 1501V—Bright silver, gilt lined..each $1.35
No. 224V—Satin finish, gilt lined... " 1.40

No. 225V.

No. 227V.

No. 225V—Satin finish, gilt lined....each $1.35
No. 227V—Satin finish, gilt lined.... " 1.40

No. 226V.

No. 222V.

No. 226V—Bright silver, gilt lined...each $1.50
No. 222V—Bright silver, gilt lined... " 2.15

QUADRUPLE SILVER PLATED WARE.

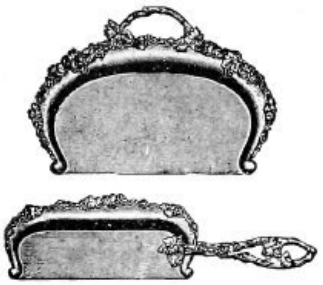
CRUMB TRAYS AND SCRAPERS.

No. 614L—French gray.....per set $5.25
No. 614L—Tray.....each 3.25
No. 614L—Scraper..... " 2.00

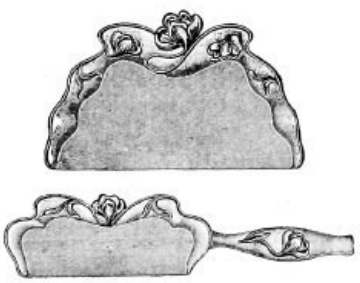
No. 3405V—French gray, embossed art nouveau.....per set $6.00
No. 3405V—Tray.....each 3.75
No. 3405V—Scraper..... " 2.25

No. 3407V—Embossed gray finish, per set $6.00
No. 3407V—Tray.....each 3.75
No. 3407V—Scraper..... " 2.25

CRUMB TRAYS AND SCRAPERS.



No. 3478V—Butler finish.....per set $6.50
No. 3478V—Tray.....each 4.00
No. 3478V—Scraper..... " 2.50



No. 3400V—French gray, applied decorations.....per set $8.25
No. 3400V—Tray.....each 4.75
No. 3400V—Scraper..... " 3.50

CONFECTION DISHES.

No. 3514V—Bright silver, gray silver decorations.....each $4.25

No. 601L—Diam. 6 in.....each $3.00

CONFECTION DISHES.

No. 736V—Bright silver, gray silver decoration.....each $3.00

BON BON OR WAFER TRAYS.

No. 746V—Bright silver, diam. 7 in., each $3.75

No. 737V—Bright silver, gray silver decoration, diam. 6¼ in.....each $5.50

No. 745V—Bright silver, English engraved, diam. 8 in.....each $6.00

QUADRUPLE SILVER PLATED WARE.

FERN DISHES.

No. 4980V—Fern dish, bright silver, 6½ in. porcelain lining.....each $4.75

No. 4983V—Fern dish, bright silver, 6½ in. porcelain lining.....each $5.75

No. 4947V—Fern dish, bright silver, 8 in. porcelain lining.....each $7.50

No. 4953V—Fern dish, bright silver, 8 in. porcelain lining.....each $8.00

No. 4948V—Fern dish, bright silver, 8 in. porcelain lining.....each $8.75

No. 4990—Bright silver, English engraved, diam. 8 in., porcelain lining.....each $9.50

FERN DISHES.

No. 4961V—Fern dish, Butler finish, orchid pattern, 8 in., porcelain lining, each..... $9.50

No. 4963V—Fern dish, Butler finish, 8 in. porcelain lining.....each $10.50

NAPKIN RINGS.

No. 517V.

No. 518V.

No. 517V—Satin, bright cut...per dozen $10.75
No. 518V—Butler finish..... " 10.75

No. 507V.

No. 376D.

No. 507V—Satin, bright cut...per dozen $ 7.50
No. 376D—French gray ..... " 12.25

No. 500V.

No. 510V.

No. 500V—Satin, bright cut. ...per dozen $6.75
No. 510V—Satin, bright cut. ... " 9.25

No. 516V.

No. 513V.

No. 516V—Butler finish.....per dozen $10.75
No. 513V—Satin bright cut... " 14.75

NAPKIN RINGS.

Nos. 526 to 531V—Per dozen..... $8.75
Set of six, assorted in box.....per set 4.38

No. 532V—Butler finish.....per dozen $12.25

No. 514V—Satin, bright cut...per dozen $18.50

No. 512V—Satin, bright cut...per dozen $14.75

No. 515V—Satin, bright cut...per dozen $16.50

QUADRUPLE SILVER PLATED WARE.

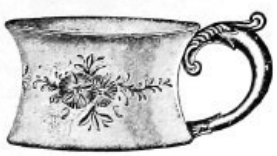
CUPS.

No. 1½V—Satin engraved, gold lined, each..... $1.25

No. 1V—Satin finish, bright cut, gold lined .....each $1.25

No. 2½V—Satin finish, bright cut, gold lined .....each $1.25

No. 2V—Satin bright cut, gold lined, each $1.25



No. 80V—Satin finish, bright cut, gold lined .....each $1.65

No. 82V—Satin finish, bright cut, gold lined .....each $1.65

CUPS.

No. 52V—Satin finish, bright cut, bright shield, gold lined .....each $2.10

No. 65V—Bright silver, gilt lined....each $2.10

No. 84V—Satin finish, bright cut, gold lined .....each $2.15

No. 64V—Satin finish, bright cut, bright shield, gold lined .....each $2.35

No. 54V—Bright silver, gilt lined....each $2.50

No. 86V—Child's bright silver, gold lined, each..... $2.50

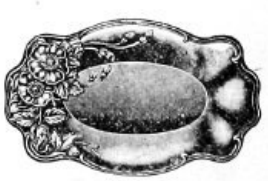
CUPS.

No. 91V—Bright silver, gold lined...each $2.50

No. 57V—Satin finish, bright cut, bright shield, gold lined.....each $2.50

PIN TRAYS.

No. 728V—Bright silver, gray silver decoration, length 6 in.....each $1.25



No. 731V—Bright silver, gray silver decoration, length 6 in.....each $1.25

No. 6225V—Scarf Pin Holder and Collar Button Tray, bright silver, gray silver decoration .....each $2.50

QUADRUPLE SILVER PLATED WARE.

SHAVING MUGS.

No. 3464V—Bright silver, gray silver decoration, gold lined.....each $3.25
No. 3464V—Brush ..... " 2.00

No. 9V—Satin, bright cut, gold drainer, each..... $3.50
No. 9V—Brush.....each 1.50

No. 13V—Satin, bright cut, gold drainer, each..... $3.75
No. 13V—Brush.....each 1.50

No. 15V—Bright silver, gold drainer, each $4.00
No. 15V—Brush..... " 1.50

No. 33V—Bright silver, gray silver decorations.....each $4.75
No. 33V—Brush ..... " 1.50

SHAVING MUGS.

No. 29V—Shaving Set, 2 pieces, bright silver, English engraved.....per set $6.75
No. 29V—Mug.....each 4.75
No. 29V—Brush ..... " 2.00

SOAP BOXES.

No. 97V—Butler finish, gold lined...each $3.25

No. 98V—Butler finish, gold lined...each $3.25

No. 43V—Bright silver, gray decorations, gold lined.....each $3.75

No. 29V—Bright silver, gray decorations, gold lined.....each $3.75

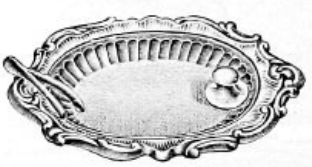
TOBACCO JARS.

No. 1591V—Tobacco jar, height 6¾ in., each..... $3.25

ASH TRAYS.

No. 1579V—Bright silver, gray silver decoration.....each $2.00

COLLAR BUTTON TRAYS.



No. 28V—Each..... $0.95

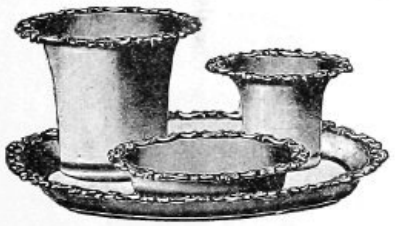
COLLAR BUTTON BOXES.

No. 20V—Collar button box, bright silver, gilt lined .....each $1.85

No. 24V—Collar button box, silver, gold lined .....each $1.35

QUADRUPLE SILVER PLATED WARE.

SMOKING SETS.



No. 1546V—Cigar holder, gold lined, each $1.70
No. 1546V—Ash tray, gold lined.... " 1.50
No. 1546V—Match holder, gold lined " 1.35
No. 1546V—Large tray..... " 2.20
No. 1546V—4 pieces.....per set 6.75

No. **1545V**—3 pieces, consisting of cigar holder, large tray and match holder, per set..... $7.00

No. **1529V**—4 pieces, consisting of cigar holder, ash tray, match holder and large tray, Butler finish, gold lined....per set $9.50

No. **1583V**—4 pieces, bright silver, English engraved, gold lined. .....per set $11.25

JEWEL BOXES.

No. 97V—Butler finish, satin lined...each $5.75

No. **33V**—Bright silver, gray silver decorations .....each $5.75

No. **6147V**—Each..... $6.50

No. **6145V**—Bright silver, gray silver decorations .....each $10.75

JEWEL BOXES.

No. **98V**—Butler finish, satin lined, crocus pattern.....each $6.50

No. **6121V**—Butler finish.....each $8.25

FLASKS.

No. 1842V. No. 38V.

No. **1842V**—Hand etched, gray silver finish, collapsion cup top, gold lined..each $6.50
No. **38V**—Hand etched ..... " 4.75

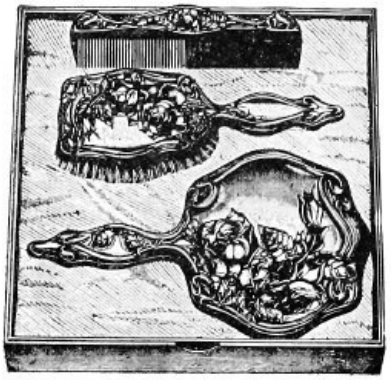
No. 1840V. No. 1836D.

No. **1840V**—Hand etched, gray silver finish, collapsion cup top, gold lined..each $7.00
No. **1836D**—Bright silver, La France rose decorations, capacity 1 pint.....each 7 25

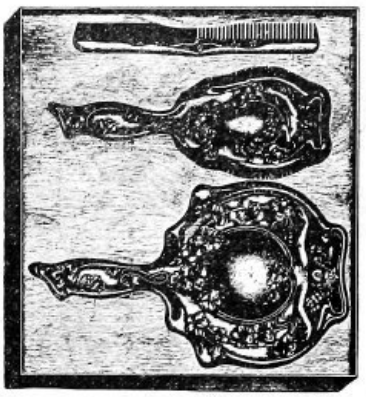
QUADRUPLE SILVER PLATED WARE.

TOILET SETS.

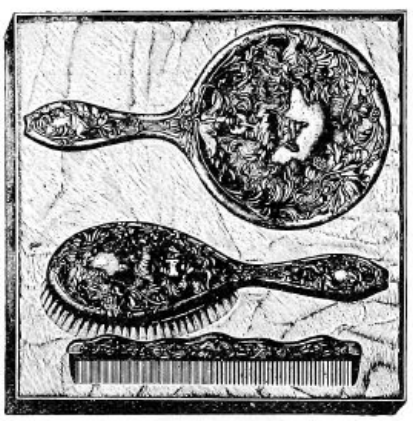
No. 97V—Consisting of hair brush, mirror and comb, Butler finish.....per set $9.75



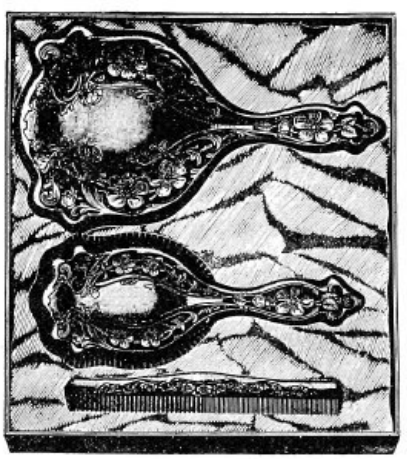
No. 613L—Consisting of hair brush, mirror and comb, French gray, rose pattern, per set..... $11.00



No. 44—Consisting of hair brush, mirror and comb, bright silver, gray decorations.....per set $12.00

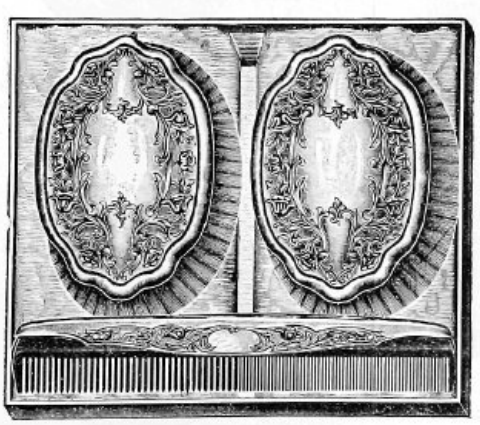


No. 40V—Consisting of hair brush, mirror and comb, Butler finish.....per set $9.75

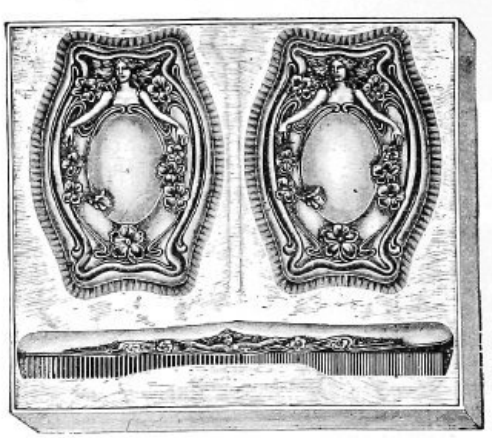


No. 38V—Consisting of hair brush, mirror and comb, etched pattern, bright silver, gray decorations.....per set $12.00

No. 28—Consisting of hair brush, mirror and comb, French chased, pearl finish, per set..... $12.50



No. 28V—Gentlemen's Set, consisting of 2 military brushes and comb, French chased, pearl finish.....per set $9.00



No. 44—Gentlemen's Set, consisting of 2 military brushes and comb, bright silver, gray silver decorations.....per set $9.00

QUADRUPLE SILVER PLATED WARE.

BRUSHES.

Cloth Brush.
French Gray, Rose Pattern.
No. 613L—Hat Brush.....each $2.50
No. 613L—Cloth Brush ..... " 3.75
No. 613L—Military Brush..... " 3.75

Military Brush.
Bright Silver, Gray Silver Decoration.
No. 44V—Hat Brush.....each $2.50
No. 44V—Cloth Brush..... " 4.00
No. 44V—Military Brush..... " 3.75

Hat Brush.
Bright Silver, Gray Silver Decoration, Etched Pattern.
No. 38V—Hat Brush.....each $2.50
No. 38V—Cloth Brush..... " 4.00
No. 38V—Military Brush..... " 3.75

Hat Brush.
English Chased, Pearl Finish.
No. 28V—Hat Brush.....each $2.50
No. 28V—Cloth Brush..... " 4.00
No. 28V—Military Brush..... " 3.75

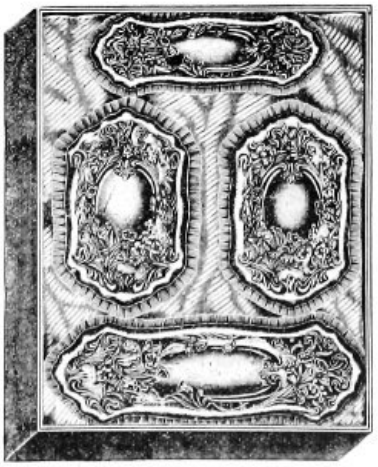
Cloth Brush.
Butler Finish.
No. 97V—Hat Brush.....each $2.50
No. 97V—Cloth Brush..... " 3.75
No. 97V—Military Brush..... " 3.75

Cloth Brush.
Butler Finish.
No. 40V—Hat Brush.....each $2.50
No. 40V—Cloth Brush..... " 3.75
No. 40V—Military Brush..... " 3.75

WHISK BROOMS.

No. 28V—English chased, pearl finish, each..... $2.50
No. 1815—Whisk Broom to match any set on this page.....each 2.50

NAVY SETS.



No. 32V—4 pieces, consisting of hat brush, cloth brush and 2 military brushes, bright silver, gray silver decorations.....per set $14.00

HAT PIN HOLDERS.

No. 6210V. No. 6212V.

No. 6210V—Bright silver, gray silver decorations.....each $2.25
No. 6212V—Bright silver, gray silver decorations.....each 2.50

HAIR RECEIVERS.

No. 11—Bright silver, gold lined.....each $1.85

PUFF BOXES.

No. 028V—Cover English chased, pearl finish.....each $2.20

No. 97V—Butler finish, gold lined. ...each $3.75

QUADRUPLE SILVER PLATED WARE.

No. 2467—Worcestershire Sauce Holder with filled bottle.....each $4.50

No. 2472—Horseradish Holder, with empty bottle, each $3.50

No. 2466—Tobasco Sauce Holder, with filled bottle, each..... $3.25

No. 2468—Tomato Ketchup Holder, with filled bottle, each..... $4.25

No. 2470—MacLaren's Cheese Holder, with empty jar .....each $2.25

No. 6—Coaster, silver, diameter 3 in., per dozen..... $13.25

No. 2471—Mustard, with glass lining, each $5.00

No. 5006—Casserole Dish, oval, quadruple silver plated burnished frame with pottery lining, capacity 4 pts.....each $ 8.50
No. 5007—Casserole Dish, oval, quadruple silver plated burnished frame with pottery lining, capacity 6 pts.....each 10.50

No. 5013—Casserole Dish, round, quadruple silver plated burnished frame with pottery lining, capacity 2½ pts.....each $ 9.00
No. 5014—Casserole Dish, round, quadruple silver plated burnished frame with pottery lining, capacity 3 pts..... .....each 12.00
No. 5015—Casserole Dish, round, quadruple silver plated burnished frame with pottery lining, capacity 5 pts. .....each 15.00
No. 5019—Casserole Dish, oval, quadruple silver plated burnished frame with pottery lining, capacity 3 pts .....each 10.00
No. 5020—Casserole Dish, oval, quadruple silver plated burnished frame with pottery lining, capacity 5 pts .....each 12.50
No. 5021—Casserole Dish, oval, quadruple silver plated burnished frame with pottery lining, capacity 7 pts .....each 17.50

QUADRUPLE SILVER PLATED WARE.

No. 2540V—Bright silver, 5 light, 14 in. high.....each $14.75
No. 2541V—Bright silver, 4 light, 14 in. high.....each 13.00
No. 2542V—Bright silver, 3 light, 14 in. high.....each 10.75

No. 2505—Bright silver, 5 light, 13 in. high.....each $17.00
No. 2504—Bright silver, 4 light, 13 in. high.....each 14.50
No. 2503—Bright silver, 2 light, 13 in. high.....each 11.25
No. 2501—Bright silver, 1 light, 10 in. high.....each 5.00

CANDELABRA.

No. 02560V—Butler finish, 5 light, height 15¼ in.....each $19.00
No. 02561V—Butler finish, 3 light, height 15¼ in.....each 13.75

No. 02506V—Butler finish, 5 light, height 15½ in.....each $17.75
No. 02507V—Butler finish, 3 light, height 15½ in.....each 12.25

No. 2572V—Bright silver, gray silver decorations, height 10¾ in.....each $10.75

No. 02564V. No. 2535V. No. 2577.

No. 02564V—Candlestick, Butler finish, height 7 in.....each $3.75
No. 2535V—Candlestick, bright silver, height 8 in.....each 3.75
No. 2577—Candlestick, bright silver, height 5½ in.....each 4.75

CANDLE HOLDERS AND EXTRAS.

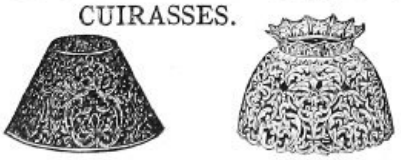
CANDLE HOLDERS.

No. 130. No. 140.

No. 130—Comprising candle holder, mica lining, yellow, green or red shade, and cone cuirass.....per dozen $26.00
No. 140—Comprising candle holder, mica lining, yellow, green or red shade, and dome cuirass.....per dozen 30.00

HALF DOZEN IN A BOX.

CUIRASSES.



No. 30. No. 40.

No. 30—Cone, 5 in., silver plated, per dozen.....$10.00
This is made in a fine openwork design, allowing the color of shade to show through.
No. 40—Cone, 5 in., silver plated, per dozen.....$14.00
This cuirass has a crown, which adds considerable to the pleasing effect.

HALF DOZEN IN A BOX.

COLORED SHADES.

No. 20—5 in., with fringe, colors yellow, green or red...per dozen $3.25
Fits over mica lining on top of candle holder frame.

HALF DOZEN IN A BOX.

PLAIN CANDLE HOLDERS.

No. 1—Nickel plated, white enameled center, height 8½ in., will fit any candelabrum, candlestick, or candle socket.....per dozen $12.00
No. 5—Short candles to fit... " .30

HALF DOZEN IN A BOX.

No. 10—Mica lining, 3 piece, per dozen $ 0.75
Fits over the top of candle holder frame and protects the shade from heat and smoke.

ONE DOZEN IN A BOX.

FRENCH AND AMERICAN CUT GLASS.

FRENCH SALTS AND PEPPERS

No. 109.

No. 107.

No. 109—2¾×1¾ in.....per dozen $12.00
No. 107—3 ×1¾ in..... " 12.00

No. 102.

No. 101.

No. 102—3×2 in.....per dozen $12.00
No. 101—3×1¾ in..... " 12.00

These are genuine cut glass peppers and salts of elaborate and handsome design, with solid silver screw cap.

ONE DOZEN SALTS IN A BOX, ONE DOZEN PEPPERS IN A BOX, NOT ASSORTED.

AMERICAN SALTS AND PEPPERS.

Latest style heavy sterling silver safety screw tops, guaranteed 925-1000 fine, fitted with patent shakers.

No. 760½—2 ×1⅛ in.....per set $2.30
No. 762½—2¼×1¾ in..... " 2.60

No. 637½.

No. 768½.

No. 637½—2¼×1⅝ in.....per set $3.00
No. 768½—2⅝×1⅝ in..... " 3.30

No. 754½.

No. 680½.

No. 754½—3½×1⅞ in.....per set $3.30
No. 680½—3¼×1½ in..... " 4.20

ONE SET IN A PARTITIONED BOX, A SET CONSISTS OF ONE SALT AND ONE PEPPER.

AMERICAN SALTS AND PEPPERS.

No. 408½.

No. 702½.

No. 408½—3 ×1¾ in.....per set $5.10
No. 702½—3¼×1½ in..... " 7.80

No. 646½.

No. 698½.

No. 646½—4 ×2 in.....per set $6.30
No. 698½—3⅜×1½ in..... " 8.20

ONE SET IN A PARTITIONED BOX. A SET CONSISTS OF ONE SALT AND ONE PEPPER.

HANDLED NAPPIES.

No. 230—CLINTON, 5 in.....per dozen $22.50
No. 231—CLINTON, 6 in..... " 28.75

No. 230—MILTON, 5 in.....per dozen $27.50
No. 231—MILTON, 6 in..... " 33.75

No. 230—CONSTELLATION, 5 in., per dozen $41.25
No. 231—CONSTELLATION, 6 in., " 48.75

SAUCE DISHES.

No. 740—CLINTON, 5 in.....per dozen $22.50
No. 741—CLINTON, 6 in..... " 28.75
No. 740—MILTON, 5 in..... " 27.50
No. 741—MILTON, 6 in..... " 33.75

No. 740—Cutting No. 113, 5 in., per dozen..... $30.00
No. 741—Cutting No. 113, 6 in., per dozen..... 37.50
No. 740—CONSTELLATION, 5 in., per dozen 41.25
No. 741—CONSTELLATION, 6 in., " 48.75

SPOON TRAYS.

No. 790—Cutting No. 165, 8 in.....each $3.44

No. 796F—Cutting No. 186, 8 in.....each $3.13

No. 790—WARREN, 7½ in.....each $3.13

No. 792—LENOX, 7½ in.....each $8.75

No. 793—Cutting No. 165, 8 in.....each $3.75

No. 793—PLYMOUTH, 8 in.....each $5.63

AMERICAN CUT GLASS.

OLIVE DISHES.

No. 304—Cutting No. 166, 6 in.....each $3.75

No. 337F—Cutting No. 185, 7 in.....each $3.50

No. 338F—Cutting No. 185, 6 in.....each $3.50

No. 234—Plymouth, 6 in.....each $4.38

No. 300—Plymouth, 7 in.....each $4.06

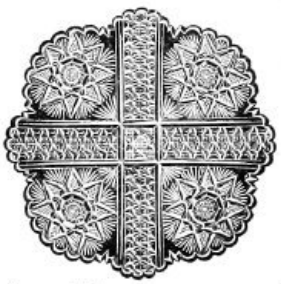
No. 305—Plymouth, 8 in.....each $5.00

No. 310—Star, 6 in.....each $8.44

No. 339F—Cutting No. 185, 6 in.....each $3.50

No. 336—Constellation, 7 in.....each $5.00

PLATES.

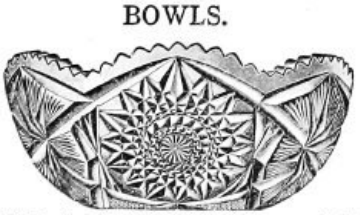


No. 760—Lenox, 7 in.....each $7.50

No. 760—Star, 7 in.....each $10.00

No. 760—Milton, 7 in.....each $4.17

BOWLS.



No. 100F—Cutting No. 180, 7 in.....each $4.06
No. 101F—Cutting No. 180, 8 in..... " 5.63

No. 100—Warren, 7 in.....each $5.00
No. 101—Warren, 8 in..... " 6.25
No. 102—Warren, 9 in..... " 8.75

BOWLS.

No. 100—Cutting No. 143, 7 in.....each $5.32
No. 101—Cutting No. 143, 8 in..... " 6.88
No. 102—Cutting No. 143, 9 in..... " 9.38

No. 169—Plymouth, fancy, 7 in.....each $ 5.63
No. 170—Plymouth, fancy, 8 in..... " 7.82
No. 171—Plymouth—fancy, 9 in..... " 10.00

No. 101—Cutting No. 150, 8 in.....each $10.00
No. 102—Cutting No. 150, 9 in..... " 13.75

No. 101—Cutting No. 165, 8 in.....each **$ 7.50**
No. 102—Cutting No. 165, 9 in..... " **10.00**

No. 101—Melrose, 8 in.....each $ 8.75
No. 102—Melrose, 9 in..... " 11.88
No. 103—Melrose, 10 in..... " 16.88

No. 101—Cutting No. 166, 8 in.....each $ 9.38
No. 102—Cutting No. 166, 9 in..... " 12.50

AMERICAN CUT GLASS.

BOWLS.

No. 101—Cutting No. 161, 8 in.....each $17.50
No. 102—Cutting No. 161, 9 in.....each 22.50
No. 103—Cutting No. 161, 10 in.....each 30.00

No. 151—Warren, 8 in each $10.00
No. 152—Warren 9 in. " 12.50

No. 101—Plymouth, 8 in., each..... $11.25
No. 102—Plymouth, 9 in., each..... 15.00
No. 103—Plymouth, 10 in., each..... 20.00

No. 101—Cutting No. 136, 8 in.....each $14.38
No. 102—Cutting No. 136, 9 in.....each 18.13

NAPPIES.

No. 201—Melrose, 8 in...each $7.20
No. 202—Melrose, 9 in... " 9.38

No. 200F—Cutting No. 181, 7 in.....each $3.75
No. 201F—Cutting No. 181, 8 in.....each 5.31

No. 201—Cutting No. 114, 8 in.....each $5.32

No. 200—Cutting No. 143, 7 in.....each $4.38
No. 201—Cutting No. 143, 8 in.....each 5.63
No. 202—Cutting No. 143, 9 in.....each 7.50

CARAFES OR WATER BOTTLES AND TUMBLERS.

No. 750.

No. 750—Revere, water bottle...each $6.25

No. 458.

No. 458—Revere, tumbler.....per dozen $21.25

CARAFES OR WATER BOTTLES AND TUMBLERS.

No. 751—Water bottle, cutting No. 121 each..... $5.63

No. 459—Tumbler, cutting No. 121, per dozen..... $15.63

No. 459—121.

No. 751—121.

No. 751—143.

No. 751—Water bottle, cutting No. 143.....each $6.88

No. 459—142.

No. 459—Tumbler, cutting No. 142, per dozen..... $12.50

No. 751—Adams, water bottle...each $9.38

No. 458. Adams.

No. 458—Adams, tumbler.....per dozen $30.00

No. 751.

No. 752.

No. 752—Murray, water bottle...each $8.75

No. 458. Murray.

No. 458—Murray, tumbler.....per dozen $25.00

No. 750—Warren, water bottle...each $6.25

No. 458.

No. 458—Warren, tumbler.....per dozen $20.00

No. 750

AMERICAN CUT GLASS.

SPOON HOLDERS.

No. 795—Lenox.....each $5.00

FERN DISHES.

No. 990—Cutting No. 149, 6 in....each $ 8.75
No. 992—Cutting No. 149, 8 in. ... " 15.00

No. 991—Cutting No. 143, 8 in....each $15.63

No. 993—Cutting No. 149, 7 in.....each $8.75

CELERY OR VASES.

No. 515—Cutting No. 143.....each $10.63

BUD VASES.

No. 891.

No. 890.

No. 891—Bud vase or toothpick holder, cutting No. 148.....each $2.50
No. 890—Bud vase or toothpick holder, cutting No. 147.....each 2.50

MUSTARDS AND VIOLET BALLS

No. 930.

No. 703.

No. 930—Mustard, cutting No. 3....each $8.75
No. 703—Madison violet ball, 3 in... " 2.50
No. 704—Madison violet ball, 4 in... " 3.75
No. 215—Plateau, 5 in..... " 1.88
No. 215—Plateau, 5½ in..... " 2.00

CANDLESTICKS AND VIOLET VASES.

Candlestick.

Violet Vase.

No. 966—Cutting No. 126, 6 in. ... each $6.88
No. 967—Cutting No. 126, 8 in. ... " 8.75
No. 968—Cutting No. 126, 10 in... " 10.63
No. 893—Cutting No. 148 ..... " 3.75

LEMONADE OR PUNCH GLASSES.

No. 473.

No. 453.

No. 473—Albany.....per dozen $27.50
No. 453—Cutting No. 136..... " 25.00

No. 463—Plymouth, per dozen..... $25.00

No. 463.

FINGER BOWLS.

No. 454.

No. 446.

No. 454—Adams.....per dozen $37.50
No. 446—Plymouth..... " 37.50

SHERBET GLASSES.

No. 464—Barclay, per doz. $33.75

BELLS.

No. 915—Cutting No. 2, each $3.75

MAYONNAISE SETS.

No. 810-811F—Cutting No. 200...per set $6.25

DISHES.

No. 286F—Cutting No. 197, 11½×6½ in. each..... $13.75

COLOGNE BOTTLES.

Cutting No. 143

Cutting No. 136.

No. 970—Cutting No. 143, 4 oz....each $ 4.69
No. 971—Cutting No. 143, 6 oz... " 5.94
No. 972—Cutting No. 143, 8 oz... " 7.19
No. 973—Cutting No. 143, 10 oz... " 8.75
No. 974—Cutting No. 136, 4 oz... " 5.95
No. 975—Cutting No. 136, 6 oz... " 7.19
No. 976—Cutting No. 136, 8 oz... " 8.44
No. 977—Cutting No. 136, 10 oz... " 10.00

CIGAR JARS.

No. 920-Madison, for 50 cigars, each.....$20.00

AMERICAN CUT GLASS.

SUGARS AND CREAMS.

No. 613—Cutting No. 111.....each $2.81

No. 633—Cutting No. 111.....each $2.81

No. 615—Cutting No. 143.....each $3.13

No. 635—Cutting No. 143.....each $3.13

No. 611—Cutting No. 167.....each $3.75

No. 622—Cutting No. 167.....each $3.75

No. 613—Lenox.....each $3.75

No. 633—Lenox.....each $3.75

No. 600F—Cutting No. 185.....each $4.06

No. 620F—Cutting No. 185 .....each $4.06

No. 611—Cutting No. 136.....each $5.63

No. 622—Cutting No. 136.....each $5.63

No. 614—Lenox.....each $5.63

No. 634—Lenox.....each $5.63

No. 611—Adams.....each $6.25

No. 622—Adams.....each $6.25

No. 606—Cutting No. 107.....each $7.50

No. 626—Cutting No. 107.....each $7.50

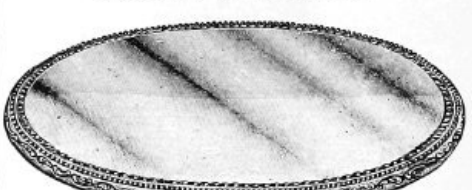
No. 611—Peerless.....each $12.50

No. 622—Peerless.....each $12.50

No. 616—Cutting No. 166.....each $5.00

No. 636—Cutting No. 166.....each $5.00

ROUND PLATEAUS.



No. 1000— 8 in.....each $3.75
No. 1000—10 in..... " 5.00
No. 1000—12 in..... " 6.25
No. 1000—14 in..... " 8.13

AMERICAN CUT GLASS.

WATER PITCHERS.

No. 528—Cutting No. 142, 3 pints..each $11.25

No. 539—Cutting No. 172, 2½ pints..each $8.13

No. 528—Cutting No. 125, 3 pints..each $12.50

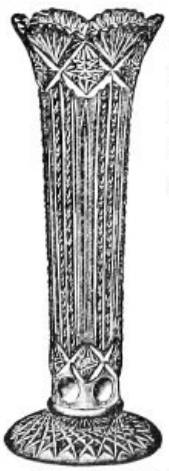
No. 535—Cutting No. 126, 3 pints..each $13.75

WATER PITCHERS..

No. 538—Cutting No. 153, 2½ pints, each $8.75

No. 535—Cutting No. 124, 3 pints..each $17.50

VASES.



Nos. 855 to 859.

Berlin.

No. 855—Height 8 in., each..... $7.50
No. 856—Height 10 in., each..... 10.00
No. 857—Height 12 in., each..... 13.13
No. 858—Height 14 in., each..... 16.25
No. 859—Height 16 in., each..... 21.25

Nos. 375 to 378.

Cutting No. 164.

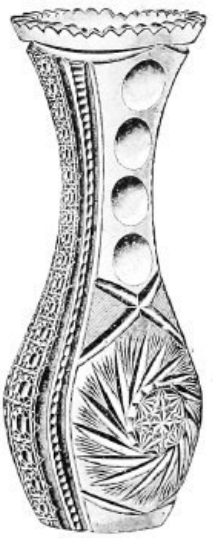
No. 375—Height 8 in.....each $4.06
No. 376—Height 10 in.....each 5.63
No. 377—Height 12 in.....each 7.50
No. 378—Height 14 in.....each 10.00

VASES.

Cutting No. 129.

No. 873—Height 8 in.....each $4.38
No. 874—Height 10 in.....each 6.25
No. 875—Height 12 in.....each 8.13

Nos. 873 to 875.



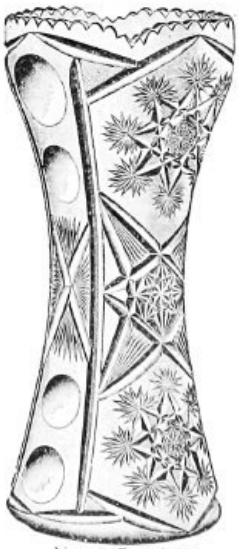
No. 390.

No. 390—Cutting No. 174, 10 in., each..... $9.38

Cutting No. 126.

No. 861—Height 8 in.....each $6.88
No. 862—Height 10 in.....each 9.38
No. 863—Height 12 in.....each 13.13
No. 864—Height 14 in.....each 16.88

Nos. 861 to 864.



Nos. 897 and 896.

No. 897—Cutting No. 182, 10 in., each..... $ 8.13
No. 896—Cutting No. 182, 12 in., each..... 11.88
No. 887—Cutting No. 136, height 13 in.....each 16.88

No. 887.

AMERICAN CUT GLASS.

STEM WARE.

No. 440—Plymouth, goblet, per dozen .. $45.00

No. 447—Plymouth, champagne, hollow stem, per dozen .. $40.00

No. 442—Plymouth, claret, per dozen .. $32.50

No. 409—Plymouth, cocktail, per doz. $32.50

No. 443—Plymouth, wine, per dozen .. $30.00

No. 444—Plymouth, sherry, per dozen... $30.00

No. 445—Plymouth, cordial, per dozen... $27.50

COMPORTS.

EACH.
No. 269—Plymouth, 6 in., $13.13
No. 270—Plymouth, 8 in., 17.50
No. 271—Plymouth, 10 in., 26.25

No. 258—Cutting No. 170, diam. 6 in., each $8.13

No. 264 — Plymouth, 7½ in.....each $11.25

No. 272—Cutting No. 120, 6¾ in...each $10.00

No. 255—Cutting No. 149, 6 in.....each $6.25

COMPORTS.

No. 256 — Cutting No 149, 4¾ in. each..... $5.00

No. 263—Cutting No. 118, 6 in.....each $10.00

No. 262 — Cutting No. 118, 6½ in....each $8.13

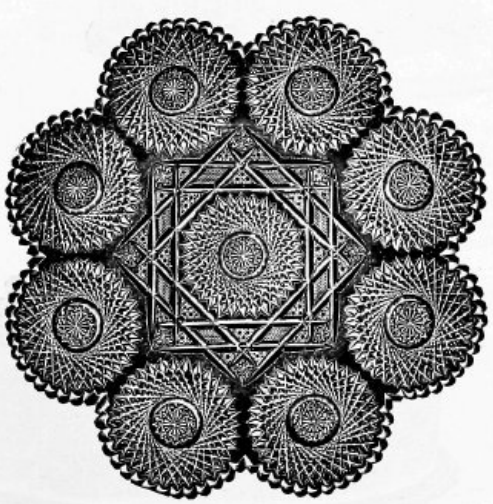
FOOTED RELISH DISHES.

No. 291—Cutting No. 136, diam. 7 in. .....each $13.75
No. 292—Cutting No. 136, diam. 8 in. .....each 18.13
No. 293—Cutting No. 136, diam. 9 in. .....each 22.50

RELISH DISHES.

No. 287—Cutting No. 143.....each $ 8.75
No. 288—Cutting No. 143..... " 11.88
No. 289—Cutting No. 143..... " 15.00

ICE CREAM PLATES.



No. 716—Star, diam. 13 in.....each $32.50
No. 717—Star, diam. 15 in..... " 42.50

ICE CREAM TRAYS.

No. 712—Milton, size 8×12 in. .....each $13.75

No. 712—Constellation, size 10×12 in .....each $20.00

AMERICAN CUT GLASS.

CRUETS.

No. 772.

No. 771.

No. 779.

No. 772—Revere.....each $3.75
No. 771—Barclay..... " 4.17
No. 779—Cutting No. 3..... " 5.00

No. 774.

No. 773.

No. 778.

No. 774—Cutting No. 177.....each $3.75
No. 773—Albany..... " 5.00
No. 778—Cutting No. 3..... " 5.32

CLARET JUGS.

Nos. 822 and 821.

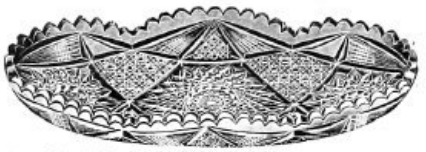
No. 535.

No. 822—Plymouth, 3 pts.....each $25.00
No. 821—Plymouth, 3 qts..... " 37.50
No. 535—Cutting No. 136, 3 pts..... " 18.75

CELERY DISHES.

No. 513—Cutting No. 143, 11 in.....each $5.00

CELERY DISHES.



No. 513—Cutting No. 132, diam. 11 in.....each $6.88

No. 504—Plymouth, diam. 12 in.....each $8.13

No. 513—Warren, diam. 11 in.....each $5.63

No. 512—Plymouth, diam. 11 in.....each $7.50

No. 500—Lenox, diam. 12 in.....each $12.50

WATER SETS.

No. 682—Cutting No. 169, per set $20.63
No. 751—Carafe.....each 7.50
No. 467—Plymouth, tumblers per half dozen..... 9.38
No. 660—Plateau, 14 in.....each 3.75

No. 682.

No. 674—Cutting No. 142, per set $21.25
No. 528—Pitcher, each..... 11.25
No. 459—Tumblers, per half dozen.. 6.25
No. 660—Plateau, 14 in.....each 3.75

No. 674.

AMERICAN CUT GLASS.

WINE AND WHISKEY SETS.

No. 678—Cutting No. 143, whiskey set.....per set $22.51
No. 562—Decanter, 1 quart.....each 9.38
No. 462—Whiskey glasses.....per half dozen 10.00
No. 660—Plateau, diam. 12 in.....each 3.13

No. 676—Plymouth, wine set.....per set $34.38
No. 583—Decanter, 1 quart.....each 16.25
No. 443—Wine glasses.....per half dozen 15.00
No. 660—Plateau, diam., 12 in.....each 3.13

ICE TUBS.

No. 727F—Cutting No. 185, 7 in.....each $12.50

WHISKEY JUGS.

No. 542—Diadem, 1 qt., each.....$16.25

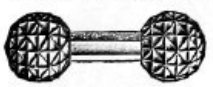
DECANTERS.

No. 562—1 quart, cutting No. 143.....each $9.38

WHISKEY GLASSES.

No. 462—Plymouth, per doz. $22.50

LAPIDARY KNIFE RESTS.



No. 910—4⅜ in., per dozen.....$30.00
No. 911—5¼ in., per dozen.....37.50

WHISKEY BOTTLES.

No. 547—1 quart, cutting No. 3.....each $18.75

PUNCH SETS.

No. 139—Cutting No. 136.....per set $111.50
No. 139—Punch bowl, 14 in.....each 75.00
No. 453—Punch cups.....per dozen 25.00
No. 215—Plateau, 18 in.....each 11.50
No. 135—Cutting No. 136, with 12 in. bowl.....per set 86.50

FRUIT BOWLS.

Cutting No. 166.
No. 250—7 in.....each $16.25
No. 251—8 in.....“ 21.25
No. 252—9 in.....“ 28.75

FLOWER CENTERS.

Cutting No. 2.
No. 381—Diam. 6 in...each $18.75
No. 382—Diam. 8 in...“ 27.50
No. 383—Diam. 11 in..“ 47.50
No. 384—Diam. 14 in..“ 70.00

NEW HAVEN CLOCKS.

Mauser.

Tattoo.

Mauser Alarm, 1 day time, 4 in., seamless nickel plated case, - - - - - - - - - - - - each $1.88

Tattoo Alarm, 4½ in. dial, 1 day time, nickel plated, beaded front, - - - - - - - - - - - " 2.34

Has a 4 in. bronze bell-metal gong that sounds like a fire alarm, and upon which it rings its alarm intermittently every half minute through a period of a quarter of an hour. The alarm can be stopped at will by means of our patent switch.

This remarkable clock, though only a trifle larger and heavier than ordinary alarm clocks, condenses within its case noise enough to weigh a ton. There is a 4 in. bronze bell-metal gong on the back of this clock that rings for five minutes. Has a shut-off so that the alarm may be made silent at will; and is much simpler in construction, more reliable and cheaper than electric alarms.

ONE IN A BOX.

Junior Tattoo Alarm.

Back View.
Junior Tattoo Alarm.

Sentry Alarm.

Junior Tattoo Alarm, 2 in. Arabic dial, 2¼ in. case with knurled front, intermittent alarm, - - - - - - - - - - - - each $2.88

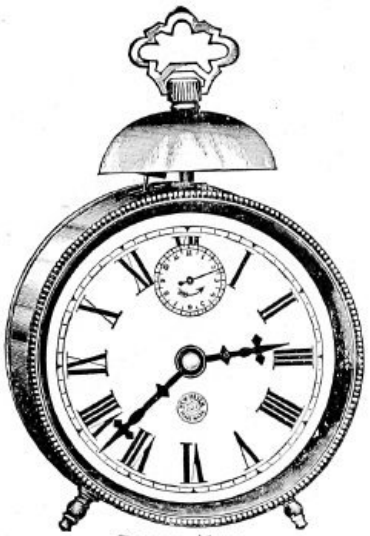
Sentry Alarm, Nickel, Red, blue or green enamel, 4½ in. dial, 4 in. metal gong on back, 1 day time, height 10¾ in., width 6¾ in., - - each 4.30

Sentry Alarm, Bronze and Gilt, otherwise same as above, - - - " 4.30

The Sentry Alarm can be used as a mantel clock. The case is made of nicely finished metal in bronze, gilt, nickel, and red, blue or green enamel. The intermittent alarm rings for 15 seconds, stops, repeats, and continues for 20 minutes. By means of a shut-off lever ringing can be stopped at any time.

ONE IN A BOX.

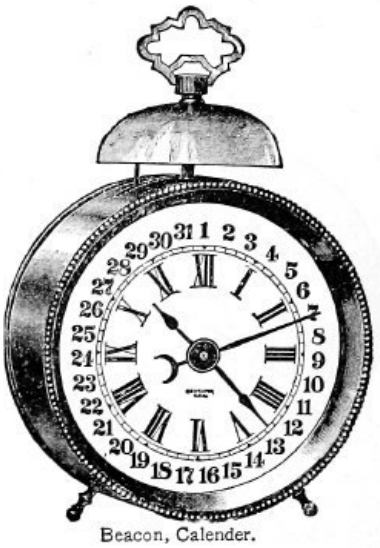
NEW HAVEN CLOCKS.



Beacon, Alarm.

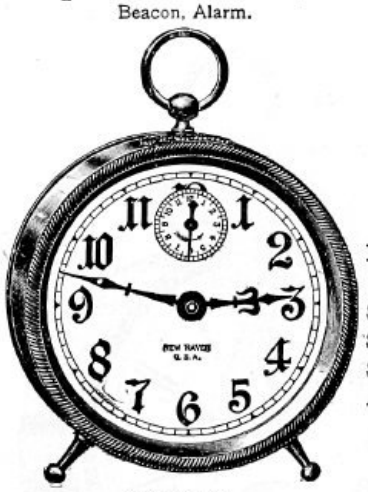
Nickel Plated Seamless Case, Knurled Sash, Height 6½ Inches, Width 4¼ Inches, Dial 4 Inches.

Beacon, 1 Day Time,	each	$1.20
Beacon, 1 Day Time, Alarm,	"	1.32
Beacon, 1 Day Alarm, *luminous dial,*	"	1.60
Beacon, 1 Day Alarm, *calendar dial,*	"	1.60



Beacon, Calender.

Sting.



Auto Alarm.

Malachite, Veined Red or Veined Blue, or Nickel, 2 Inch Seamless Case, with Knurled Front.

Sting,—Nickel Plated,	1 day time,	each	$1.60
Sting,—Assorted Colors,	1 day time,	"	1.65
Sting,—French Satin Gold,	1 day time,	"	1.75

Auto Alarm—4 in. Arabic dial, knurled front, 4½ in. seamless case, 1 day time, fitted with 4 in. metal gong on back, very loud ringer, - - - - each $1.60

ONE IN A BOX.

Auto Alarm.

PARKER CLOCKS.

No. 100.

Reverse View.

No. 61.

No. 100—Rotary hammer, double roller escapement, 1 day alarm, 3 in. dial, heavy brass case, nickel plated, weight 1 lb., - - - - - - - - - each $1.80

No. 61—Rotary hammer, double roller escapement, 1 day alarm, 3 in. dial, heavy brass case and base, 3½ in. gong, with shut-off, nickel plated, weight 1¾ lbs., - each 2.50

No. 61 has an indicator between the gong and the base, which can be moved so as to allow the alarm to sound at the hour desired, remain silent, or which can be stopped while ringing. No. 100 can be instantly removed from the case by pressing button on side.

ONE IN A BOX.

TIME AND ALARM CLOCKS.

PARKER CLOCK CO'S.

Nos. 106 and 105.

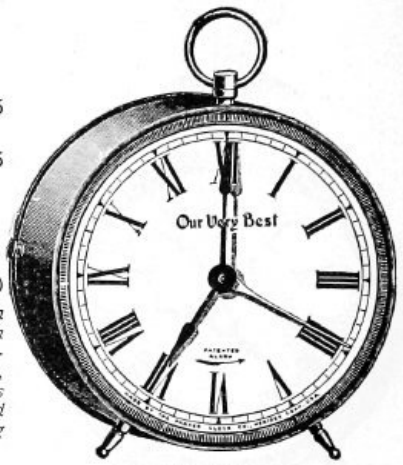
No. 106—Rotary hammer, double roller escapement, 1 day alarm, 4¼ in. dial, heavy brass case, nickel plated, short hand alarm set, w't 1¼ lbs., each $1.25

No. 105—Long hand alarm set, otherwise same as No. 106, - - - - - - - each 1.25

No. 102—"OUR VERY BEST," rotary hammer, double roller escapement, 1 day alarm, 4¼ in. dial, heavy deep brass case, nickel plated, alarm shut-off, press button catch allowing instant removal of works, w't 1½ lbs., - - - - - - - each 1.80

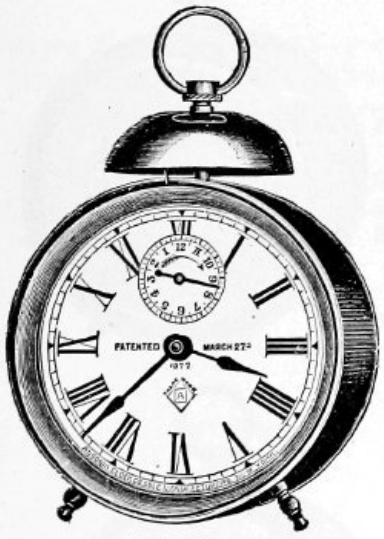
The No. 102 is an exceptionally fine alarm clock. The case is extra deep and shields the gong and keys from view. The rotary hammer gives a clear, pleasant ring. The alarm hand comes clear to the edge making it possible to set the alarm to the minute. The alarm can be stopped when ringing, or prevented from sounding at the time set, by the 'shut-off'—two buttons marked "silent" and "alarm." The alarm and hand set are convenient and easily turned. The works can instantly be removed from the case by pressing a button on each side and as easily returned to place.

ONE IN A BOX.



No. 102.

ANSONIA CLOCK CO'S.



Pirate Alarm.

Repeater Long Alarm.

Racket.

Pirate Alarm —4 in., seamless nickel plated case, 1 day time, - - - - - - - - - - each $1.40

Repeater Long Alarm—5 in. dial, nickel plated case, 1 day time, - - - - - - - - - - " 2.25

The Repeater Alarm can be used as a continuous or intermittent, as continuous alarm fifteen minutes or intermittent alarm twenty-five minutes; simple in construction.

Racket —5 in. dial, nickel plated case, 1 day, half-hour strike and alarm, - - - - - - - each $2.95

ONE IN A BOX.

Bee Time.

Bee Time —Gilt, silver or nickel plated case, without alarm, otherwise same as Bee Alarm, - - - - - - - each $1.70

Bee Alarm—2 in. dial, nickel plated case, beveled glass, 1 day time, winds by turning the back, stem winding alarm, - each 2.70

ONE IN A BOX.

Bee Alarm.

ALARM CLOCKS.

No. 4497—Sleigh bell alarm, gold gilt copper case, height 8 in., width 5 in., 4 in. silver finished dial richly ornamented, top piece with two bells and two hammers, (imported) movement of highest quality, - - each $4.00

ONE IN A BOX.

No. 1609—Parlor alarm, walnut case, with gold gilt trimmings and bell, height 8½ in., width 6 in., 5 in. ivory finished dial with gold center, (imported) movement of highest quality, - - - - - - - - each $4.00

ONE IN A BOX.

No. 1070—Fire alarm clock, copper case, height 8½ in., 5½ in. gold plated dial with black raised figures, beveled glass, two bells on top, - - - - - each $4.75

This is the loudest alarm made, and rings like a fire bell.

ONE IN A BOX.

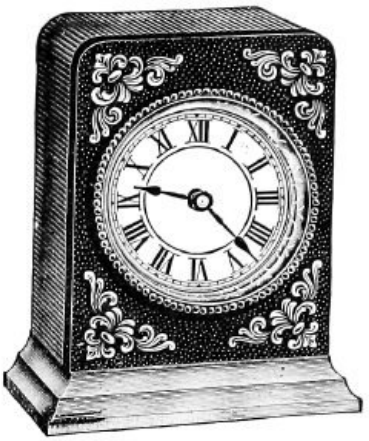
No. 5076—Jumbo watch alarm clock, nickel case, made like a watch, height 8 in., dial 4½ in., inside large cup bell, very loud alarm with shut off by touching the crown, each $4.?5

The Jumbo can be used as a hanging or standing clock, and is a splendid novelty.

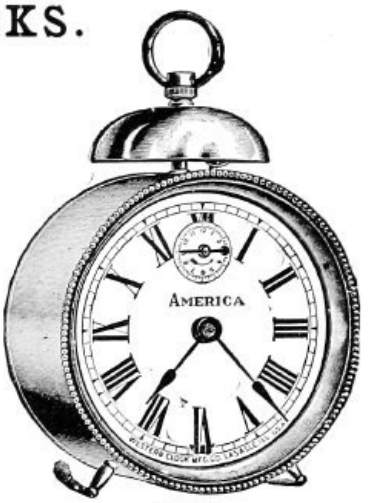
ONE IN A BOX.

TIME AND ALARM CLOCKS.

Alternating.



F. W., Alarm.



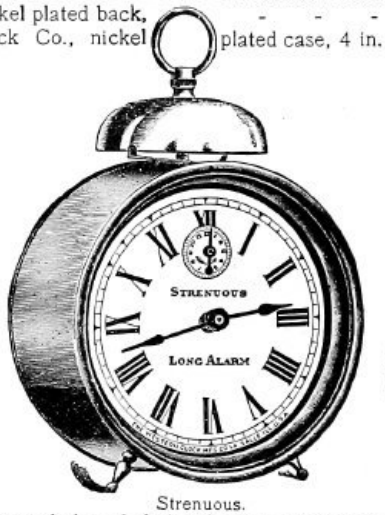
America.

Alternating Alarm—Western Clock Co., nickel plated case, **4 in. dial,** alarm rings and stops alternately for 15 minutes at intervals of 20 seconds, can be shut off by means of switch, 32 hour movement, weight 1⅜ lbs., - - - - - - - each **$1.60**

F. W., Alarm —Western Clock Co., cast iron frame, 3 in. bronze finish dial, bell underneath with shut-off, height 5 in., weight 2¾ lbs., white dial, plain glass, nickel plated back, - - - - - - - - - - - - each **1.60**

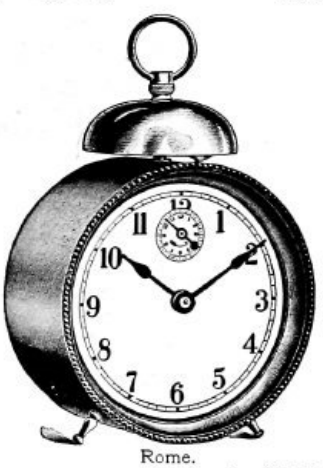
America —Western Clock Co., nickel plated case, 4 in. dial, 32 hour movement, weight 1⅛ lbs., - " **1.10**

Alert.



Strenuous.

La Sallita.



Rome.

Alert —Waterbury, 4 in. dial, nickel plated case, 1 day time alarm, weight 1½ lbs., - - - - each **$1.50**

Strenuous Long, Alarm—Western Clock Co., 4½ in. nickel plated case, 5 minute ring, with shut-off, 32 hour, w't 1⅜ lbs., " **1.50**

La Sallita —Western Clock Co., time only, no alarm, nickel plated seamless brass case, 2 in. ivorine dial, beveled glass, gold plated centerband, 32 hour movement, packed in tin box, weight 2⅝ lbs., - - - - - - - - each **1.16**

Rome Alarm — Western Clock Co., seamless brass nickel plated case, 4 in. dial, 32 hour, w't 2½ lbs., " **1.16**

Dot Alarm.

Sunrise.

Spasmodic.

Mustgetup.

Dot Alarm—Waterbury, 2¾ in. dial, nickel plated case and bell, height 5 in., 1 day time, weight 1 lb., - - - - each **$1.60**

Sunrise —Waterbury, 4 in. dial, nickel plated case and bell, 1 day time alarm, height 5¾ in., weight 1¾ lbs., - - " **1.60**

Spasmodic—Waterbury, 4½ in. dial, nickel plated case, 3¾ in. bell in back, long alarm with intermissions, rings every other half minute for 15 minutes, with shut-off, 1 day time, attached keys and hand sets, height 5⅞ in., weight 1¾ lbs., - - each **2.25**

Mustgetup—Waterbury, 4¼ in. dial, nickel plated case, 3¾ in. bell in back, 5 minute alarm, with shut-off, 1 day time, attached keys and hand sets, height 5⅞ in., weight 1⅝ lbs., - - - - - - - - - - - - each **2.25**

NEW HAVEN CLOCKS.

MANTEL.

CAMDEN LINE ASSORTMENT.

Comprising Six Clocks, Two Each as Shown Above, All Oak, Height 22 Inches, Width 14 Inches, Dial 6 Inches.

8 Day, half-hour strike, - - - per case of six $20 00 | **8 Day,** half-hour strike, gong, - - per case of six $22.40
8 Day, half-hour strike, alarm, - - " " 23 00 | **8 Day,** half-hour strike, gong alarm, - " " 25 40

SIX IN A CASE. SHIPPING WEIGHT 75 LBS.

NORWICH LINE ASSORTMENT.

Comprising Six Clocks, Two Each as Shown Above, All Oak, Height-25 Inches, Width 15½ Inches, Dial 6 Inches.

8 Day, half-hour strike, - - - per case of six $23.00 | **8 Day,** half-hour strike, gong, - - per case of six $25.40
8 Day, half-hour strike, alarm, - " " 26.00 | **8 Day,** half-hour strike, gong alarm, - " " 28.40

SIX IN A CASE. SHIPPING WEIGHT 78 LBS

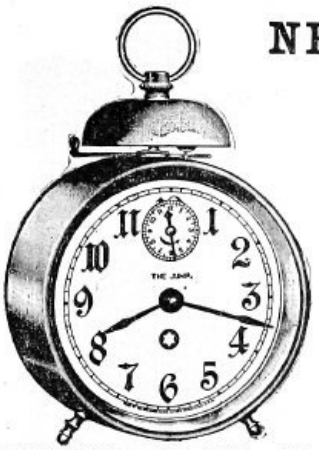
MUTUAL LINE ASSORTMENT.

Comprising Six Clocks, Two Each as Shown Above, Oak or Walnut, Height 24½ Inches, Width 15½ Inches, Dial 6 Inches.

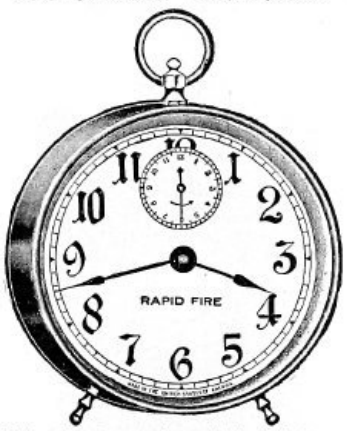
8 Day, half-hour strike, - - - per case of six $24.00 | **8 Day,** half-hour strike, gong, - - per case of six $26.40
8 Day, half-hour strike, alarm, - - " " 27.00 | **8 Day,** half-hour strike, gong alarm, - " " 29.40

SIX IN A CASE. SHIPPING WEIGHT 80 LBS. PER CASE.

NEW HAVEN ALARM CLOCKS.



Jump, height 6⅛ in., width 4⅛ in., dial 4 in., 4⅛ in. seamless brass case with 2¼ in. bell, nickel plated with brass back and mat, 1 day alarm movement, shut off switch.....each $1.21
FIFTY IN A CASE. WEIGHT 74 LBS.



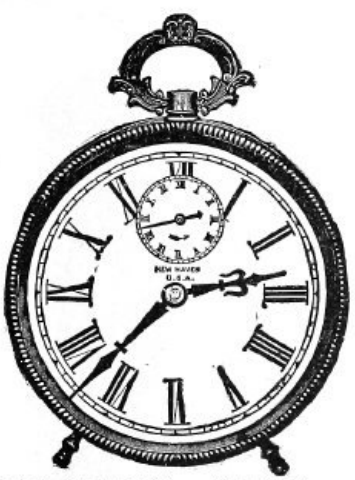
Rapid Fire, height 6⅛ in., width 4½ in., dial 4¼ in., 4½ in. seamless brass case with 4 in. bell metal gong on back, nickel plated, 1 day alarm movement, rings intermittently every 20 seconds for 15 minutes, fitted with "alarm" and "silent" switch.....each $1.90
FIFTY IN A CASE. WEIGHT 98 LBS.

Junior Tattoo, height 3 in., width 2¼ in., dial 2 in., 2¼ in. seamless brass case, knurled front, with 2 in. bell metal gong on back, nickel plated, 1 day alarm movement, rings intermittently every 20 seconds for 5 minutes, fitted with "alarm" and "silent" switch, each..... $2.32
Gilt finish.....extra .15
FIFTY IN A CASE. WEIGHT 34 LBS.

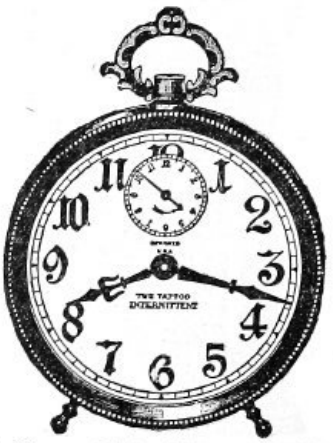
1 Day Sting, height 3 in., width 2¼ in., dial 2 in., 2¼ in. seamless brass case, knurled front, nickel plated or enameled 1 day time, no alarm.....each $1.42
Gilt finish.....extra .15
FIFTY IN A CASE. WEIGHT 28 LBS.

Lark Alarm, height 6½ in., width 4¼ in., nickel plated, seamless brass case, knurled front, flushed back, 2¼ in. bell, 4 in. Arabic dial, 1 day alarm movement with shut off switch.....each $1.42
FIFTY IN A CASE. WEIGHT 80 LBS.

Auto, height 5¼ in., width 4¼ in., dial 3½ in., 4¼ in. seamless brass case, with heavy knurled front, with 4 in. bell metal gong on back, nickel plated, 1 day alarm movement, fitted with alarm and silent switch.....each $1.53
FIFTY IN A CASE. WEIGHT 81 LBS.



Champion, height 6¼ in., width 4½ in., dial 4 in., 4½ in. seamless brass case, knurled front, with 4 in. bell metal gong on back, nickel plated, 1 day long alarm movement with "alarm" and "silent" switch.....each $2.00
FIFTY IN A CASE. WEIGHT 110 LBS.



No. 1—Tattoo, height 6¼ in., width 4½ in., dial 4 in., 4½ in. seamless brass case, knurled front, with 4-in. bell metal gong on back, nickel plated, 1 day alarm movement, rings intermittently every 20 seconds for 15 minutes, fitted with "alarm" and "silent" switch, each **$2.21**
FIFTY IN A CASE. WEIGHT 110 LBS.

No. 2—Tatto Alarm, height 6¼ in., width 4½ in., 4 in. black dial, luminous figures and hands, 4½-in. seamless brass case, knurled front, with 4 in. bell metal gong on back, nickel plated, 1 day alarm movement, rings intermittently every 20 seconds for 15 minutes, fitted with "alarm" and "silent" switch, each $2.45
FIFTY IN A CASE. WEIGHT 110 LBS.

Brummel, height 10½ in., width 8¼ in., 5 in. dial, oxidized copper finish, 1 day long alarm movement, w't 11 lbs., each $5.25
ONE IN A CASE.

NEW HAVEN KITCHEN CLOCKS.

NORWICH LINE ASSORTMENT, Consisting of Six Clocks, Two Each of the Three Patterns Shown above, 4 Light Oak and 2 Dark Oak, Height 25 Inches, Width 15½ Inches, 6 Inch Dial.

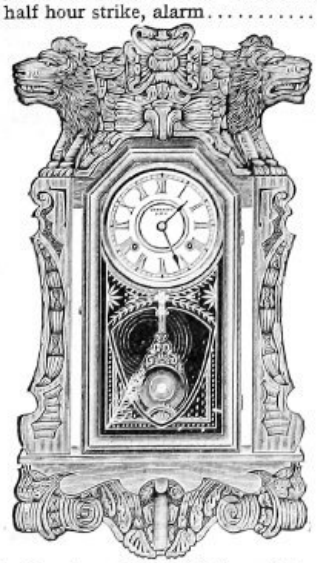
8 day, half hour strike.....per case of six $23.00
8 day, half hour strike, alarm..... " " 25.70
8 day, half hour strike, gong.....per case of six $25.40
8 day, half hour strike, gong alarm..... " " 28.10

SIX IN A CASE; WEIGHT 85 LBS.

DEE LINE ASSORTMENT, Consisting of Six Clocks, Two Each of the Three Patterns Shown above, 4 Oak and 2 Walnut, Height 24½ Inches, Width 15½ Inches, 6 Inch Dial.

8 day, half hour strike.....per case of six $24.00
8 day, half hour strike, alarm..... " " 26.70
8 day, half hour strike, gong.....per case of six $26.40
8 day, half hour strike, gong alarm..... " " 29.10

SIX IN A CASE; WEIGHT 94 LBS.



Norwich Hanging, height 27 in., width 15½ in., dial 6 in., oak or dark wood case, 8 day, half-hour strike.....each $4.95
Fitted with alarm, extra..... " .45

ONE IN A CASE. WEIGHT 20 LBS.

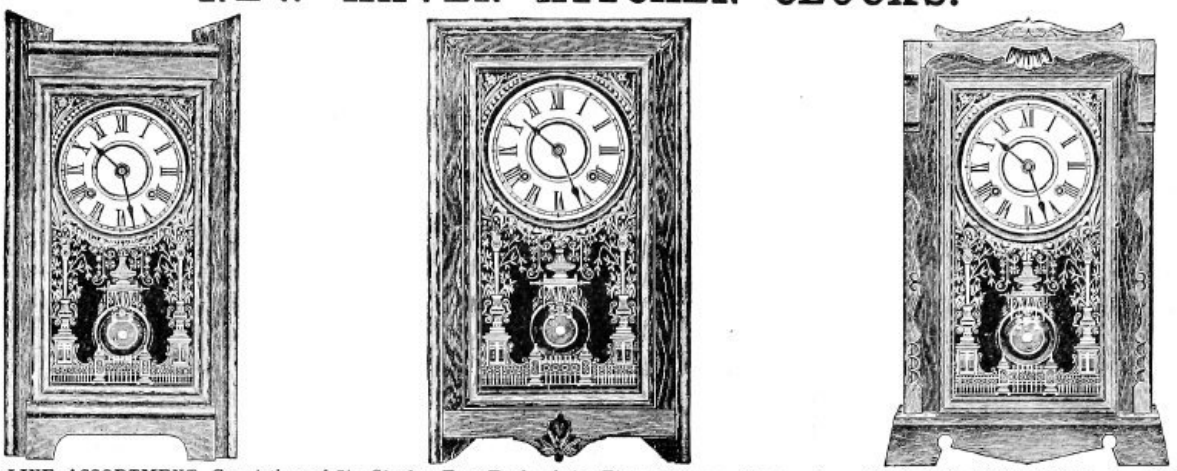
Conroy, height 25 in., width 15½ in., dial 6 in., oak case with thermometer and barometer, 8 day, half hour strike movement with calendar.....each $5.55

ONE IN A CASE. WEIGHT 20 LBS.

Occidental, height 24 in., width 16½ in., dial 6 in., oak or walnut case, 8 day, half hour strike.....each $10.40
8 day, half hour, strike, cathedral gong, each..... 10.85
Fitted with alarm, extra.....each .45

ONE IN A CASE. WEIGHT 25 LBS.

NEW HAVEN KITCHEN CLOCKS.



GYPSY LINE ASSORTMENT, Consisting of Six Clocks, Two Each of the Three Patterns Shown above, Dark Oak, Height 18¾ inches, Width 9¾ inches, Dial 6 inches.

8 day, half hour strike	per case of six		$20.00
8 day, half hour strike, alarm	"	"	22.70
8 day, half hour strike, gong	"	"	22.40
8 day, half hour strike, gong alarm	"	"	25.10

SIX IN A CASE; WEIGHT 75 LBS.

CAMDEN LINE ASSORTMENT, Consisting of Six Clocks, Two Each of the Three Patterns Shown above, 4 Light Oak, 2 Dark Oak, Height 22 inches, Width 14 inches, 6 inch Dial.

8 day, half hour strike	per case of six		$20.00
8 day, half hour strike, alarm	"	"	22.70
8 day, half hour strike, gong	"	"	22.40
8 day, half hour strike, gong alarm	"	"	25.10

SIX IN A CASE; WEIGHT 75 LBS.

MERCHANT'S LINE ASSORTMENT, Consisting of Six Clocks, Two Each of the Three Patterns Shown above, 4 Light Oak and 2 Dark Oak, Height 23¾ inches, Width 15 inches, 6 inch Dial.

8 day, half hour strike	per case of six		$21.00
8 day, half hour strike, alarm	"	"	23.70
8 day, half hour strike, gong	"	"	23.40
8 day, half hour strike, gong alarm	"	"	26.10

SIX IN A CASE; WEIGHT 80 LBS.

NEW HAVEN DROP OCTAGON AND REGULATOR CLOCKS.

BRANFORD, Height 22¼ Inches, Width 15 Inches, 10 Inch Dial, Solid Oak Case.

No. 210—8 day timepiece.....each $6.10
No. 310—8 day strike..... " 7.10
No. 410—Fitted with calendar, extra " .45

ONE IN A CASE. WEIGHT 19 LBS.

BRANFORD, Height 27½ Inches, Width 17½ Inches, 12 Inch Dial, Solid Oak Case.

No. 212—8 day timepiece.....each $6.40
No. 312—8 day strike..... " 7.40
No. 412—Fitted with calendar, extra " .45

ONE IN A CASE. WEIGHT 26 LBS.

DROP OCTAGON, Height 21⅝ Inches, Width 13⅞ Inches, 10 Inch Dial, Solid Oak Case.

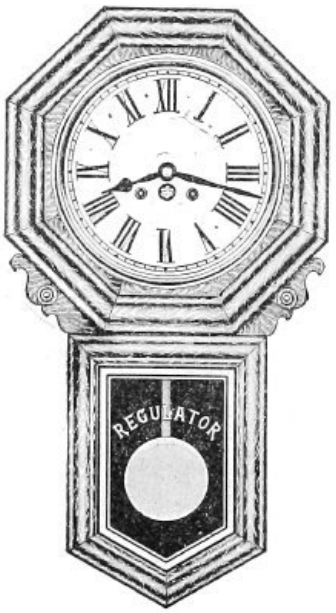
No. 510—8 day timepiece.....each $5.90
No. 610—8 day strike..... " 6.90
No. 710—Fitted with calendar, extra " .45

ONE IN A CASE. WEIGHT 18 LBS.

DROP OCTAGON, Height 23⅞ Inches, Width 16½ Inches, 12 Inch Dial, Solid Oak Case.

No. 512—8 day timepiece.....each $6.55
No. 612—8 day strike..... " 7.55
No. 712—Fitted with calendar, extra " .45

ONE IN A CASE. WEIGHT 21 LBS.



ERIE, Height 33½ Inches, Width 18½ Inches, 12 Inch Dial, Solid Oak Case, Antique Finish.

8 day timepiece.....each $7.25
8 day, strike, cathedral gong..... " 8.75
Fitted with calendar, extra..... " .45

ONE IN A CASE. WEIGHT 34 LBS.

REFEREE, Height 35½ Inches, Width 16 Inches, 12 Inch Dial, Solid Oak Case.

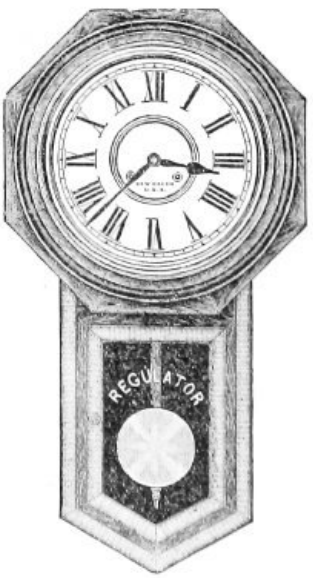
8 day timepiece.....each $7.40
8 day, strike, gong..... " 8.90
Fitted with calendar, extra..... " .45

ONE IN A CASE. WEIGHT 49 LBS.

TAMPA, Height 37½ Inches, Width 15½ Inches, 12 Inch Dial, Solid Oak Case,

8 day timepiece.....each $7.40
8 day, strike, cathedral gong..... " 8.90
Fitted with calendar, extra..... " .45

ONE IN A CASE. WEIGHT 43 LBS.

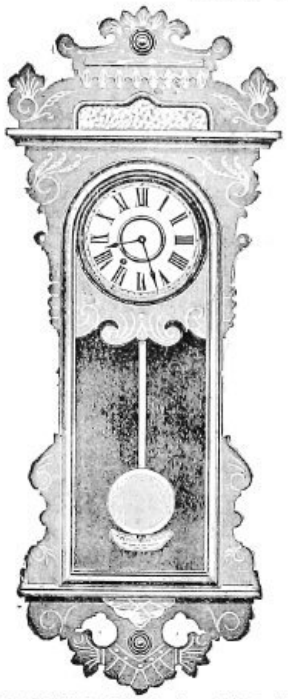


HARVARD, Height 32¼ Inches, Width 17¼ Inches, 12 Inch Dial, Solid Oak or Walnut Case.

8 day timepiece.....each $10.20
8 day, strike, gong..... " 11.70
Fitted with calendar, extra..... " .45

ONE IN A CASE. WEIGHT 33 LBS.

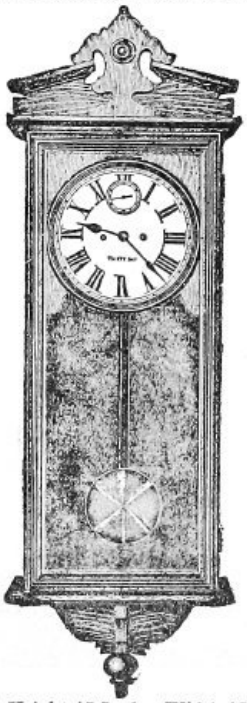
NEW HAVEN REGULATOR CLOCKS.



MAYWOOD, Height 43½ Inches, Width 17 Inches, Dial 8 Inch, Solid Antique Oak or Mahogany Case.

8 day time	each	$10.90
8 day time calendar	"	11.35
8 day gong	"	12.40
8 day gong calendar	"	12.85
30-day time	"	13.10

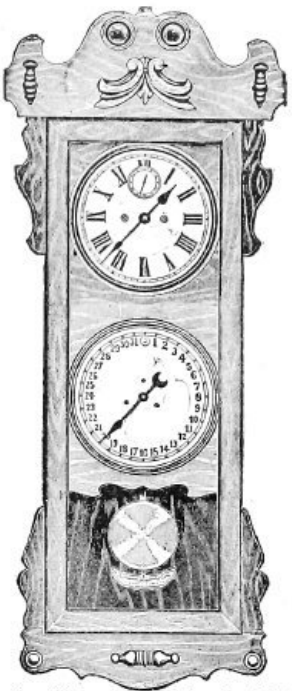
ONE IN A CASE, WEIGHT 43 LBS.



VAMOOSE, Height 45 Inches, Width 15¼ Inches, Dial 10 inch, Solid Antique Oak or Mahogany Case.

8 day time	each	$11.60
8 day time calendar	"	12.05
8 day gong	"	13.10
8 day gong calendar	"	13.55
30 day time calendar	"	13.80

ONE IN A CASE, WEIGHT 47 LBS.

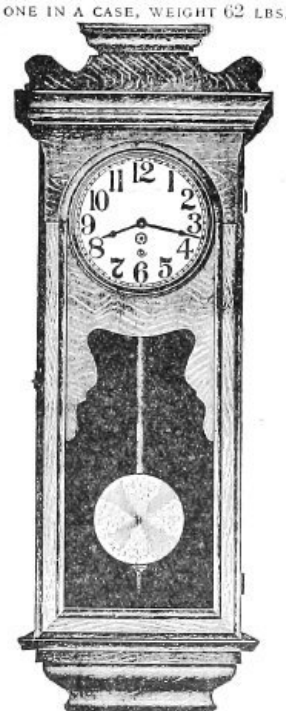


Showing Thirty-Day Calendar Fitting.

RUTLAND, Height 48 Inches, Width 19½ Inches, Dial 10 Inch, Solid Antique Oak or Mahogany Case.

8 day time	each	$14.50
8 day time calendar	"	14.95
8 day gong	"	16.00
8 day gong calendar	"	16.45
30 day time	"	16.70
30 day time calendar	"	19.50

ONE IN A CASE, WEIGHT 62 LBS.



SOLENT, Height 36¾ Inches, Width 13½ Inches, Dial 8 Inch, Solid Antique Oak Case.

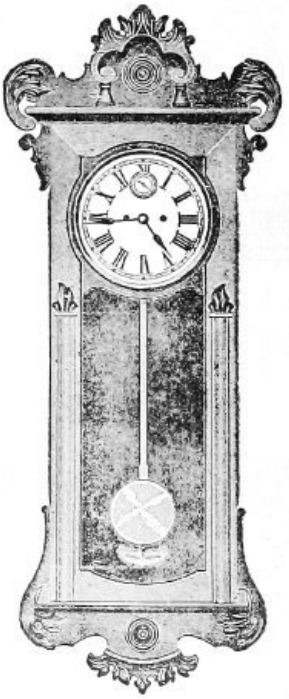
8 day time	each	$13.75
8 day time calendar	"	14.20
8 day gong	"	15.52
8 day gong calendar	"	15.70

ONE IN A CASE, WEIGHT 28 LBS.

SATURN, Height 34¾ Inches, Width 15¼ Inches, Solid Antique Oak Case.

30 day time	each	$16.00

ONE IN A CASE, WEIGHT 28 LBS.



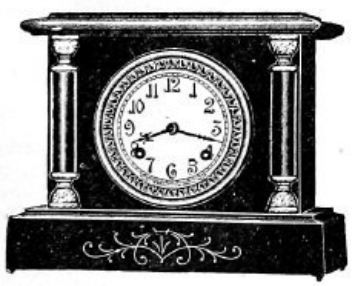
GRECIAN, Height 51 Inches, Width 20 Inches, Dial 10 Inch, Solid Antique Oak or Mahogany Case.

8 day time	each	$17.50
8 day time calendar	"	17.95
8 day gong	"	19.00
8 day gong calendar	"	19.45
8 day time	"	21.15
30 day time	"	19.70
30 day time calendar	"	22.50

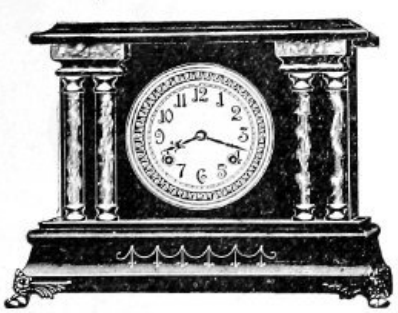
ONE IN A CASE, WEIGHT 67 LBS.

NEW HAVEN BLACKWOOD MANTEL CLOCKS.

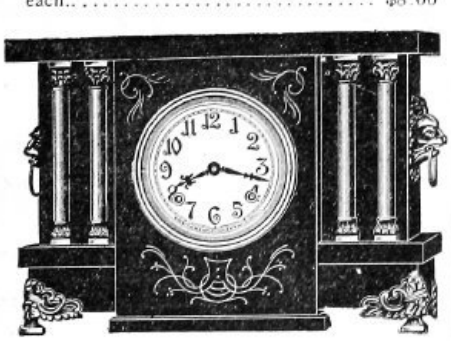
Bingen, height 10 in., width 12½ in., 6 in. pearl or ivorine dial, black enameled wood case, 8 day, half hour strike, cathedral gong movement, w't 16 lbs. ..... each $6.10



Brighton, height 10 in., width 12½ in., 6 in. pearl or ivorine dial, black enameled wood case with marbleized pillars, 8 day, half hour strike, cathedral gong movement, w't 17 lbs. ..... each $6.50



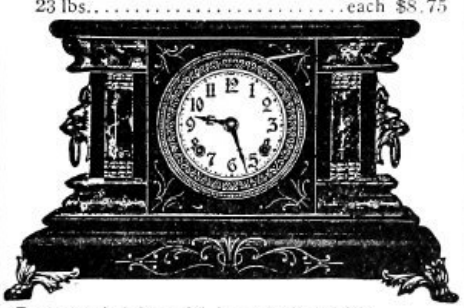
Loring, height 11½ in., width 15½ in., 6 in. pearl or ivorine dial, black enameled wood case with marbleized mouldings and pillars, gilt or bronze trimmings, 8 day, half hour strike, cathedral gong movement, w't 18 lbs., each.. ..... $8.00



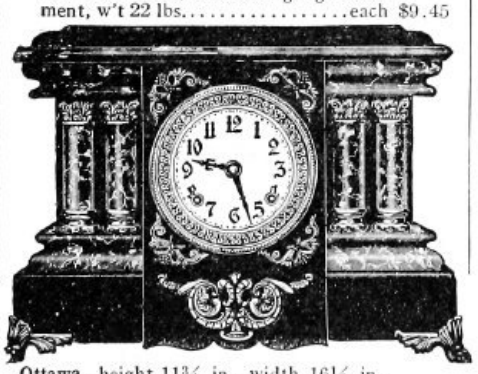
Edgebrook, height 10¼ in., width 15½ in., 6 in. pearl or ivorine dial, black enameled wood case, gilt or bronze trimmings, 8 day half hour strike, cathedral gong movement, w't 19 lbs., each.. ..... $8.25

ONE IN A CASE.

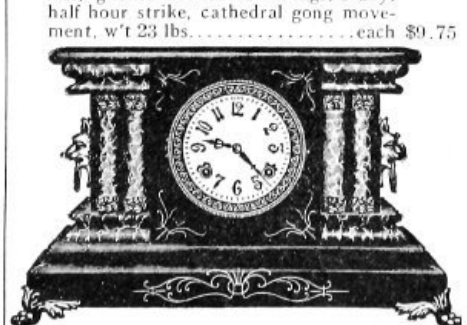
Elsworth, height 11½ in., width 15¼ in., 6 in. pearl or ivorine dial, black enameled wood case, gilt or bronze trimmings, 8 day, half hour strike, cathedral gong movement, w't 23 lbs.. ..... each $8.75



Prescott, height 11½ in., width 18½ in., 6 in. pearl or ivorine dial, black enameled wood case with marbleized pillars, gilt or bronze trimmings, 8 day, half hour strike, cathedral gong movement, w't 22 lbs. ..... each $9.45

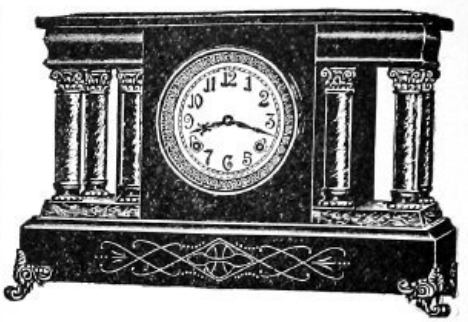


Ottawa, height 11¾ in., width 16¼ in., 6 in. pearl dial, black enameled wood case with marbleized mouldings and pillars, gilt or bronze trimmings, 8 day, half hour strike, cathedral gong movement, w't 23 lbs. ..... each $9.75

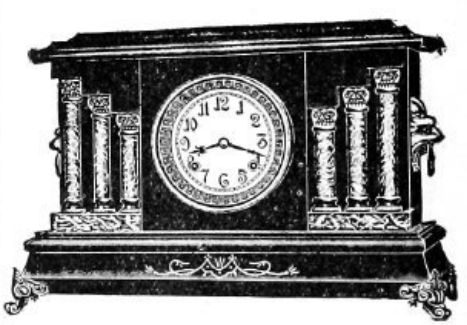


Claypool, height 11½ in., width 18½ in., 6 in. pearl or ivorine dial, black enameled wood case with marbleized mouldings and pillars, gilt or bronze trimmings, 8 day, half hour strike, cathedral gong movement ..... each $9.45

ONE IN A CASE.



Woodbridge, height 11¾ in., width 18 in., 6 in. pearl or ivorine dial, black enameled wood case with marbleized mouldings and pillars, gilt or bronze trimmings, 8 day, half hour strike, cathedral gong movement, w't 26 lbs., each.. ..... $10.15



Woodmont, height 12¼ in., width 19 in., 6 in. pearl or ivorine dial, black enameled wood case with marbleized mouldings and pillars, gilt or bronze trimmings, 8 day, half hour strike, cathedral gong movement, w't 24 lbs., each.. ..... $10.15

Carmona, height 13 in., width 18 in., 6 in. pearl or ivorine dial, black enameled wood case with marbleized mouldings and pillars, finish on trimmings gilt or bronze, 8 day, half hour strike, cathedral gong, w't 27 lbs., each **$10.15**

ONE IN A CASE.

NEW HAVEN IRON AND BRONZE CLOCKS.

Aragon, height 10¾ in., width 9¾ in., 6 in. pearl or ivorine dial, black enameled iron case, gilt or bronze trimmings, 8 day, half hour strike movement, cathedral gong, w't 22 lbs., each $10.85
Visible escapement, extra.....each .60
French cast sash, beveled glass and porcelain dial, extra.....each 1.50

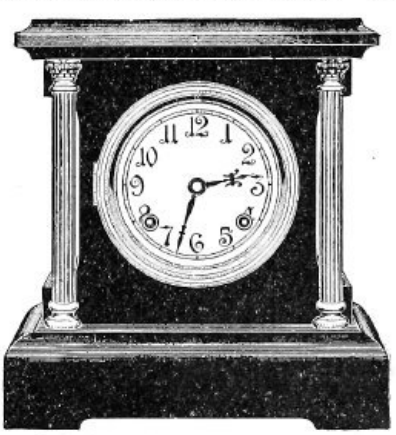
Ferncliff, height 10½ in., width 15½ in., 6 in. pearl or ivorine dial, black enameled iron case, gilt or bronze trimmings, 8 day, half hour strike movement, cathedral gong, w't 32 lbs., each $11.20
Visible escapement, extra..... " .60
French cast sash, beveled glass and porcelain dial, extra.....each 1.50

Corydon, height 15 in., width 9 in., 6 in. pearl or ivorine dial, black enameled iron case, gilt or bronze trimmings, 8 day, half hour strike movement, cathedral gong, w't 29 lbs., each $11.60
Visible escapement, extra..... " .60
French cast sash, beveled glass and porcelain dial, extra.....each 1.50

ONE IN A CASE.

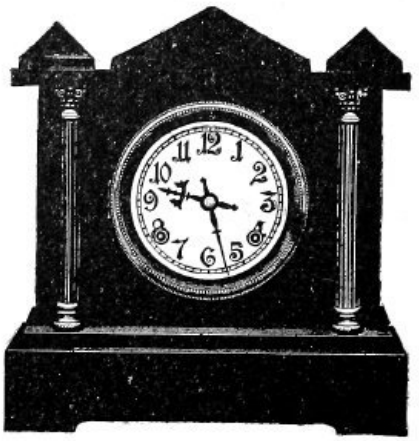
Kenmore, height 11½ in., width 11 in., 6 in. pearl or ivorine dial, black enameled iron case, gilt or bronze trimmings, 8 day, half hour strike movement, cathedral gong, w't 24 lbs., each $11.60
Visible escapement, extra.....each .60
French cast sash, beveled glass and porcelain dial, extra.....each 1.50

Milan, height 11 in., width 11½ in., 6 in. pearl or ivorine dial, black enameled iron case, gilt or bronze trimmings, 8 day, half hour strike movement, cathedral gong, w't 25 lbs., each $11.60
Visible escapement, extra..... " .60
French cast sash, beveled glass and porcelain dial, extra.....each 1.50



Newark, height 11½ in., width 10½ in., 6 in. porcelain dial, French cast sash, beveled glass, black enameled case, gilt or bronze trimmings, 8 day, half hour strike movement, cathedral gong, w't 30 lbs. .....each $13.00
Visible escapement, extra..... " .60

ONE IN A CASE.



Wabash, height 12¼ in., width 11 in., 6 in. porcelain dial, French cast sash, beveled glass, black enameled iron case, gilt or bronze trimmings, 8 day, half hour strike movement, cathedral gong, w't 35 lbs.....each $13.00
Visible escapement, extra..... " .60

Clotho, height 16 in., width 20 in., 6 in. porcelain dial, French cast sash, beveled glass and visible escapement, black enameled iron base, gilt or bronze figure and trimmings, 8 day, half hour strike movement, cathedral gong, w't 53 lbs.....each $26.10

Horse, height 16 in., width 20 in., 6 in. porcelain dial, French cast sash, beveled glass and visible escapement, black enameled iron base, gilt or bronze figure and trimmings, 8 day, half hour strike, cathedral gong, w't 50 lbs.....each $26.10

ONE IN A CASE.

NEW HAVEN GOLD PLATED CLOCKS.

Ruskin, height 7 in., width 4¼ in., 2 in. porcelain dial, 24 kt. ormolu gold plated case, 1 day time movement, w't 7 lbs.....each $4.35

Atol, height 6½ in., width 5½ in., 2 in. porcelain dial, 24 kt. ormolu gold plated case, 1 day time movement w't 8 lbs.....each $4.35

Corfu, height 10 in., width 6 in., 2 in. porcelain dial, 24 kt. ormolu gold plated case, 1 day time movement, w't 9 lbs.....each $1.80

ONE IN A BOX.

Minden, height 8½ in., width 7½ in., 2 in. porcelain dial, 24 kt. ormolu gold plated case, 1 day time movement, w't 9 lbs.....each $5.10

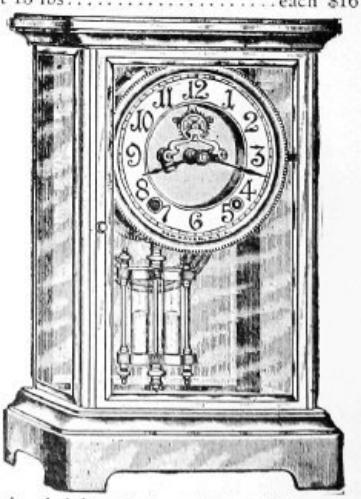
Carnot, height 10 in., width 6½ in., 2 in. porcelain dial, 24 kt. ormolu gold plated case, 1 day time movement, w't 9 lbs.....each $5.50

Bellona, height 9¾ in., width 6½ in., 2 in. porcelain dial, 24 kt. ormolu gold plated case, 1 day time movement, w't 10 lbs.....each $8.00

ONE IN A BOX.

Falmouth, height 11½ in., width 8½ in., 3 in. porcelain dial, 24 kt. ormolu gold plated case, 8 day time movement, w't 12 lbs.....each $10.20

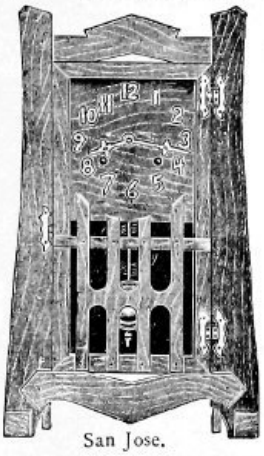
Altair, height 12½ in., width 7 in., 3 in. porcelain dial, 24 kt. ormolu gold plated case, decorated porcelain handle, 8 day time movement, w't 15 lbs.....each $16.00



Thespia, height 10 in., width 6¼ in., 4 in. porcelain dial, visible escapement, heavy brass case, gold plated and lacquered, with beveled French plate glass front, sides and back, 8 day, half hour strike, cathedral gong, w't 30 lbs., each.....$29.00

ONE IN A BOX.

NEW HAVEN MANTEL, MISSION AND HALL CLOCKS.



San Jose.

San Luis.

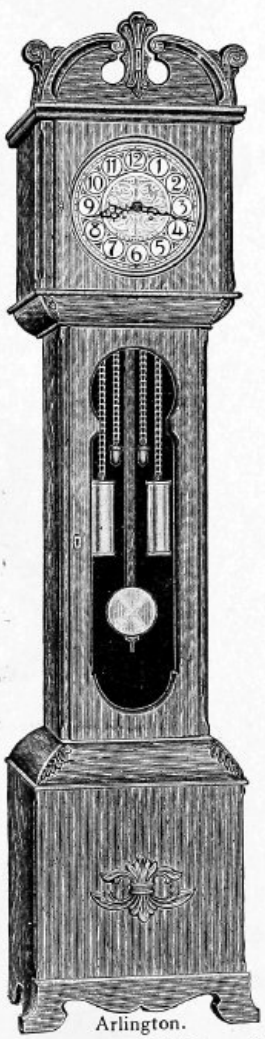
La Plata.

San Jose, height 20½ in., width 12 in., 6 in. wood dial, cast numerals and fancy brass hands, solid oak case, flemish finish, 8 day half hour strike movement, cathedral gong, w't 16 lbs.....each $ 4.35

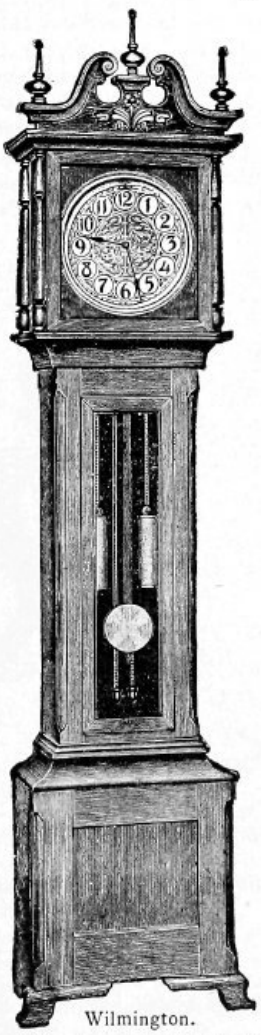
San Luis, height 20 in., width 13 in., 6 in. wood dial, white figures on background of artistic color, fancy brass hands, solid oak case, flemish finish, 8 day, half hour strike movement, cathedral gong, w't 22 lbs.....each 6.50

La Plata, height 23 in., width 13½ in., 8 in. wood dial, cast numerals and fancy brass hands, solid oak case with stained glass, flemish finish, 8 day, half hour strike, cathedral gong, w't 30 lbs.....each 10.90

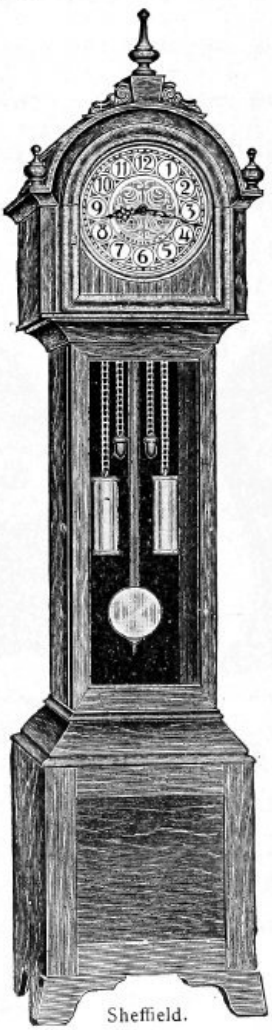
ONE IN A BOX.



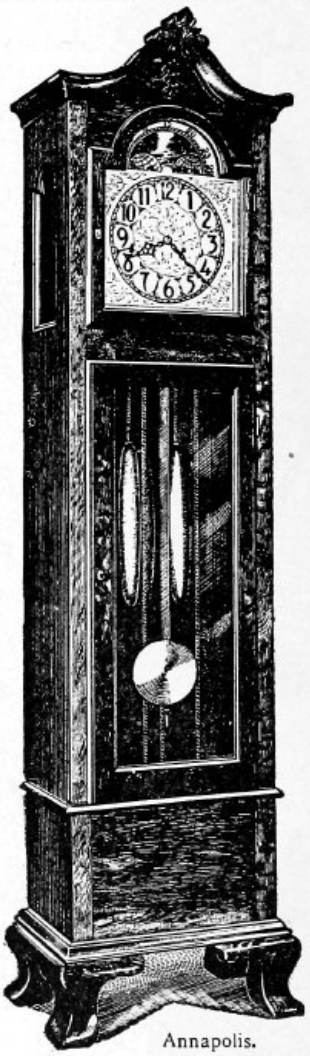
Arlington.



Wilmington.



Sheffield.



Annapolis.

Arlington, height 90½ in., width 21 in., 12 in. etched metal dial, highly polished solid mahogany case, 8 day weight movement, half hour strike, cathedral gong, w't 175 lbs.....each $75.50

Wilmington, height 91 in., width 21½ in., 12 in. etched metal dial, highly polished antique oak or mahogany case with gilt top ornaments, 8 day weight movement, half hour strike, cathedral gong, w't 180 lbs.....each 75.50

Sheffield, Height 90½ in., width 21¾ in., 12 in. etched metal dial, solid mahogany case, highly polished, 8 day weight movement, half hour strike, cathedral gong, w't 170 lbs.....each 75.50

Annapolis, Height 91 in., width 23 in., 12 in. etched metal dial with moon phases, highly polished antique oak or mahogany case, 8 day weight movement, half hour strike, cathedral gong, w't 250 lbs.....each 159.50

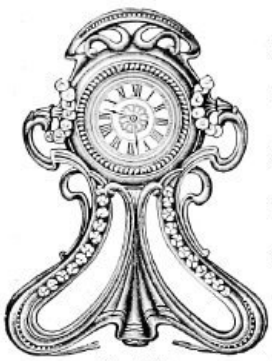
MANTEL CLOCKS.

No. 267.

No. 268.

No. 269.

No. 270.


No. 271.

Hand Painted Art Series.

No. 267—10 in. high, 3 in. gilt center ivoride dial, bevel plate glass, hand painted iron frame, 32 hour movement, - - - - - each $ 2.40

No. 268—10⅝ in. high, 3 in. gilt center ivoride dial, bevel plate glass, hand painted iron frame, 32 hour movement, - - - - - each 2.40

No. 269—11¾ in. high, 3 in. gilt center ivoride deal, bevel plate glass, hand painted iron frame, 32 hour movement, - - - - - each 2.50

No. 270—10¾ in. high, 3 in. gilt center ivoride dial, bevel plate glass, hand painted iron frame, 32 hour movement, - - - - - each 2.30

No. 271—10¾ in. high, 3 in. gilt center ivoride dial, bevel plate glass, hand painted iron frame, 32 hour movement, - - - - - each 2.50

No. 272—10¼ in. high, 3 in. gilt center ivoride dial, bevel plate glass, hand painted iron frame, 32 hour movement, - - - - - each 2.30

Art Series Assortment—Consisting of 1 each of above clocks, - per set of six 13.25

No. 272.

Pansy.

Savoy.

Vine.

Bourbon.

Dore.

Pansy —Ormolu gold plated, 2 in. ivory finished dial, beveled glass, gold plated centerband, height 4⅝ in., width 3 in., 32 hour movement, w't ¾ lb., each $2.20
Also in French gray silver, - - - - - - - - - " 2.20

Savoy —Ormolu gold plated, 2 in. ivory finished dial, beveled crystal, gold plated centerband, height 7¼ in., width 3½ in., 32 hour movement, w't 1½ lbs., each 2.60

Vine —Ormolu gold plated, 2 in. ivory finished dial, beveled glass, gold plated centerband, height 6⅝ in., width 3½ in., 32 hour movement, w't 1⅞ lbs., each
Also in French gray silver, - - - - - - - - - " 3.00

Bourbon —2 in. ivorine dial, gold plated centerband, beveled crystal, height 7¾ in., 32 hour movement, - - - - - - - - - each 3.10

Dore —Ormolu gold plated, 2 in. ivory finished dial, beveled crystal, gold plated centerband, height 8¼ in., width 3½ in., 32 hour movement, w't $2\frac{3}{16}$ lbs., - - - - - - - - - - each 3.30

Calais —Ormolu gold plated, 2 in. ivorine dial, beveled crystal, gold plated centerband, height 8¼ in., width 4⅝ in., 32 hour movement, w't 2⅛ lbs., each 3.30

Balmoral—Case of hard substantial metal, finished in bronze green, 2 in. ivorine dial, beveled crystal, gold plated centerband, height 9½ in., width 5 in., 32 hour movement, w't 3¾ lbs., - - - - - - - - each 3.80

Calais.

Balmoral.

MANTEL CLOCKS.

WESTERN CLOCK CO'S.

Clare.

Travelling.

Oxford.

Dutch.

Clare —Cast iron case, gold plated and lacquered, 2 in. ivorine dial, beveled crystal, gold plated centerband, height 6¼ in., width 6⅛ in., 32 hour movement, weight 1¼ lbs., - - - - - - - - - - - - - - each $1.80

Travelling—Leather case, black or red, 2 in. ivorine dial, beveled glass, gold plated centerband, height 3¼ in., width 3 in., 32 hour movement, weight 7 oz., - - - - - - - - - - - - - - - - each 2.40

Oxford —Cast iron case, finished in bronze green, 2 in. ivorine dial, beveled glass, gold plated centerband, height 7¾ in., width 5½ in., 32 hour movement, weight 2 lbs., - - - - - - - - - - - - - - each 2.40

Dutch —Oak frame, dark finish, 2 in. ivorine dial, beveled crystal, gold plated centerband, height 11¾ in., width 7 in., 32 hour movement, weight 1¾ lb., - - - - - - - - - - - - - - - each 2.90

Windsor.

Tosca.

Ormond.

Royal.

Windsor—Cast iron case, finished in bronze green, 2 in. ivorine dial, beveled crystal, gold plated centerband, height 8⅞ in., width 5⅝ in., 32 hour movement, weight 3⅛ lbs., - - - - - - - - - - - - - - each $3.60

Tosca —Cast iron case, bronze green finish, 2 in. ivorine dial, gold plated centerband, height, 6½ in., width 9 in., 32 hour movement, weight 1⅞ lbs., - - - - - - - - - - - - - - - each 2.60

Ormond —Cast iron case, finished in bronze green, 3 in. ivorine dial, gilt center, beveled crystal, height 11¾ in., width 6 in., 32 hour movement, weight 7 lbs., - - - - - - - - - - - - - - - each 4.20

Royal —Gold plated cast iron case, 3 in. ivorine dial, beveled crystal, gold plated centerband, height 11¼ in., width 7¼ in., 32 hour movement, weight 2 5/16 lbs., time only, - - - - - - - - - - - - - each 1.80

32 hour movement, weight 2 5/16 lbs., with alarm, - - - - - - - - - - - - - " 2.00

PORCELAIN.

No. 8283.

No. 8339.

No. 8338.

No. 8283—Salmon and gold decorations, 2 in. ivorine dial, beveled glass, gilt center, height 5 in., 32 hour movement, w't ¾ lbs., each $1 70

No. 8339—Maroon and gold decorations, 2 in. ivorine dial, beveled glass, gilt center, height 5 in., 32 hour movement, w't ¾ lbs., " 1.70

No. 8338—Green and gold decorations, 2 in. ivorine dial, beveled glass, gilt center, height 5 in., 32 hour movement, w't ¾ lbs., " 1.70

ONE IN A BOX.

HALL CLOCKS.

Rembrandt. Holbein. Munich. Van Dyke. With Leaded Glass. Majestic.

Quartered Oak, Finished in Weathered, Flemish, Fumed, Austrian, Early English, Antwerp, and Golden Oak Waxed, Antwerp and Golden Oak Polish, and Antwerp Oak Dull.

Rembrandt—Height 78 in., width 21 in., depth 12 in., spring movement, 8 day, half and hour strike, key wind, cathedral gong, brass pendulum ball, pyroetched dial, blue steel hands, weathered oak, - - - - - - - - - - - - each $32.00
All other finishes, - " 36 00

Holbein—Height 72 in., width 17½ in., depth 13 in., spring movement, 8 day, half and hour strike, key wind, cathedral gong, brass pendulum ball, pyroetched dial, blue steel hands, cellarette compartment in bottom, colored opaque glass in door, weathered oak, - each 36.00
All other finishes, - " 40.00
Colonial glass for above, extra, - 5.00

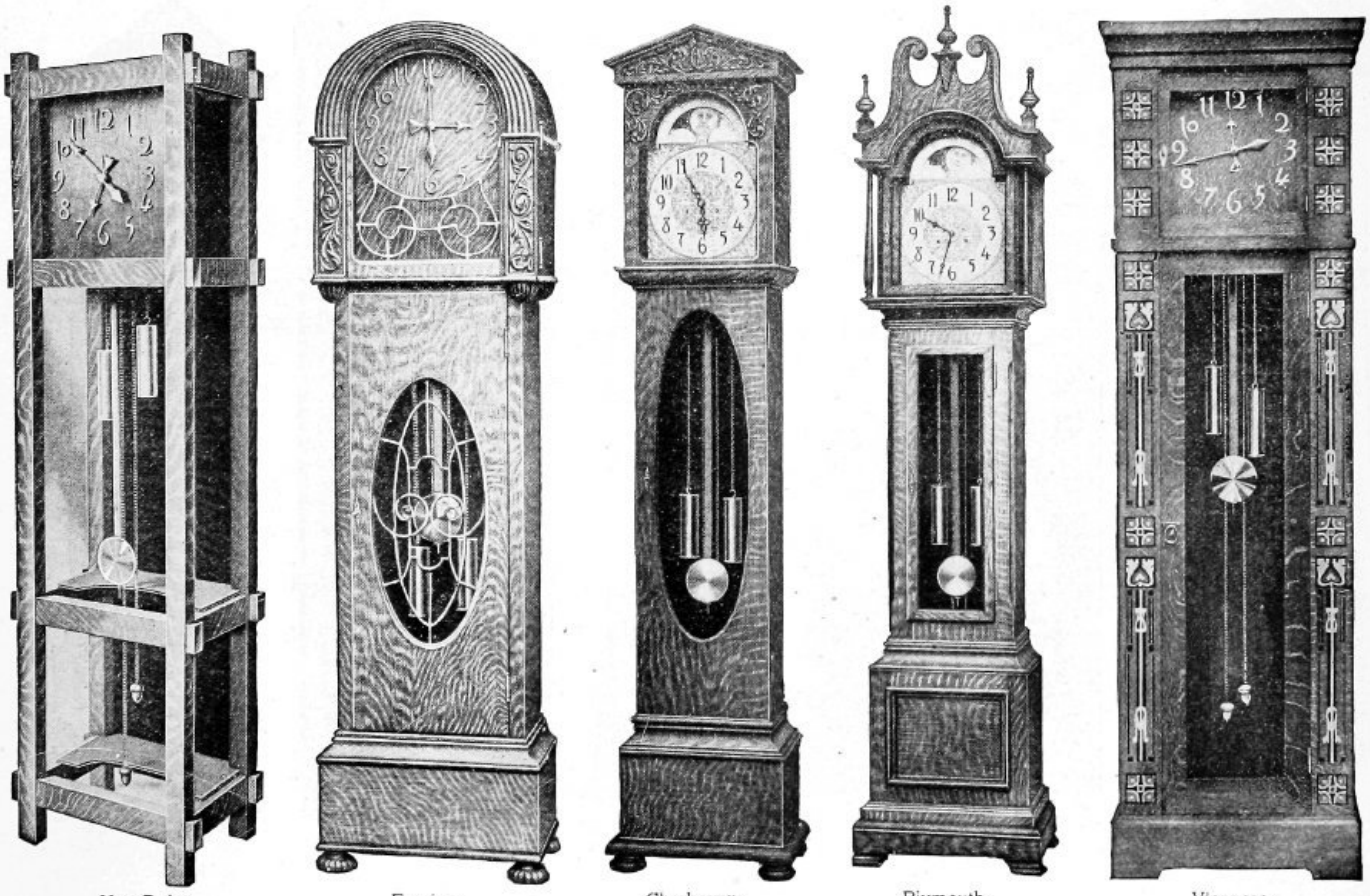
Munich—Height 82 in., width 20 in., depth 12 in., 8 day, half and hour strike, chain wind, deep sounding cathedral gong, solid cast brass polished hands, brass cylindrical weights, bevel plate glass in door, 3-ply quartered oak dial, same finish as rest of case, raised solid brass polished numerals, all finishes, - - - - - - - - - - - - - - - - - - - each 64.00

Van Dyke—With leaded art glass, height 74 in., width 20½ in., depth 13½ in., weight movement, 8 day, half hour strike, chain wind, cathedral gong, solid cast brass polished hands and brass cylindrical weights, dial is 3-ply quartered oak, in same finish as balance of case, with raised solid brass polished numerals, solid mahogany polished or dull, - - - - - - - - - - each 85.00
All other finishes, on quarted oak, - 72.00

Majestic—Height 91 in., width 23 in., depth 16 in., 8 day, half and hour strike, key wind, brass cylindrical weights, extra heavy cathedral gong, beats seconds, dead beat escapement, retaining power, solid brass polished movement frames, moon's phases, heavy plate brass dial, heavily gold plated, raised silvered hour ring, heavily gilded, satin finish numerals, beveled plate glass in door panel, solid mahogany only, dull or polished, - each 180.00

Always state finish wanted.

HALL CLOCKS.



Van Dyke. Empire. Cherbourg. Piymouth. Viennese.

Quartered Oak, Finished in Weathered, Flemish, Fumed, Austrian, Early English, Antwerp and Golden Oak Waxed, Antwerp and Golden Oak Polished, and Antwerp Oak Dull.

VanDyke—Height 74 in., width 20½ in., depth 13½ in., 8 day, half and hour strike, chain wind, deep sounding cathedral gong, solid cast brass polished hands, brass cylindrical weights, 3-ply quartered oak dial, same finish as balance of case, raised solid brass polished numerals, solid mahogany, dull or polish finish, - - - - - - - - - - - - each $58.00
All other finishes, - " 48.00

Empire—Height 79 in., width 20 in., depth 12 in., 8 day, half and hour strike, chain wind, deep sounding cathedral gong, solid cast brass polished hands, brass cylindrical weights, 3-ply quartered oak dial, same finish as rest of case, raised solid brass polished pointed numerals, leaded art glass in door and over dial, all finishes, - - - - - - - - - - each 85.00

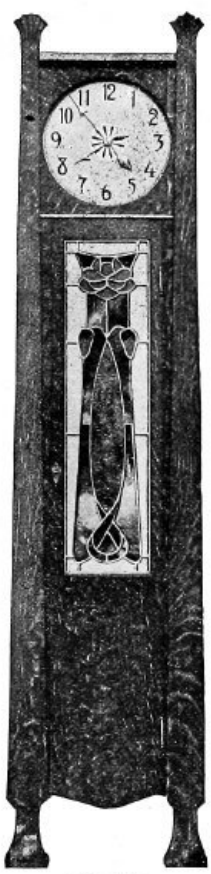
Cherbourg—Height 86 in., width 20 in., depth 12 in., 8 day, half and hour strike, combined key and chain wind, deep sounding cathedral gong, beveled plate glass in door, lantern pinion regulator, moon's phases, heavy brass dial, handsomely etched and gold plated, brass cylindrical weights, Arabic numerals, all finishes, - - - - - - - - - - - each 84.00

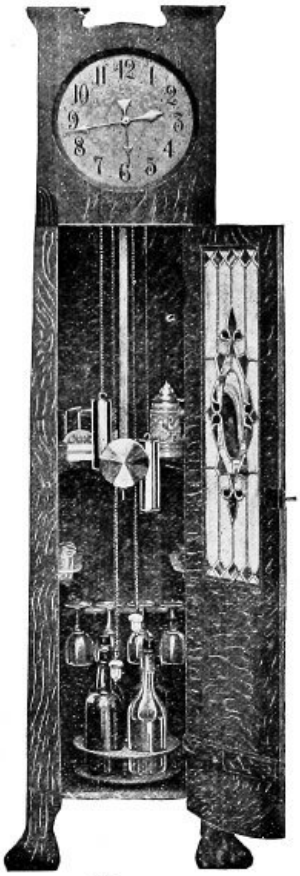
Plymouth—Height 98 in., width 20 in., depth 14 in., 8 day, half and hour strike, key and chain wind, deep sounding cathedral gong, lantern pinion regulator, moon's phases, beveled plate glass in door, heavy brass dial handsomely etched and gold plated, brass cylindrical weights, Arabic numerals, finished only in solid mahogany, polished and dull, - - - - - - each 125.00

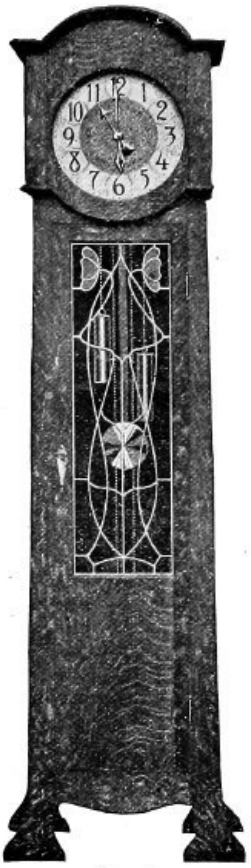
No. 339 Viennese—Height 82 in., width 25½ in., depth 14 in., weight movement, 8 day, half and hour strike, chain wind, brass cylindrical weights, cathedral gong, brass pendulum ball and hands, quartered oak dial with inlay brass numerals, inlay is marquetry of imported Austrian woods, all finishes, - - - - - - - - - - - - - each 110.00

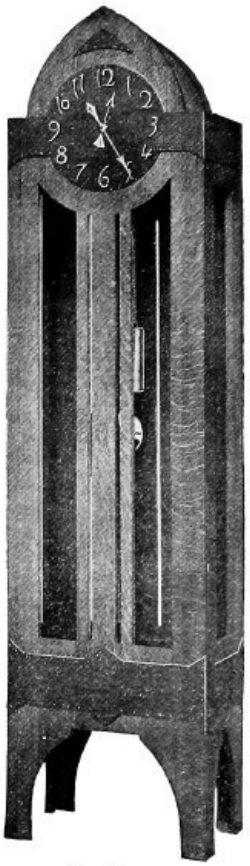
Always state finish wanted.

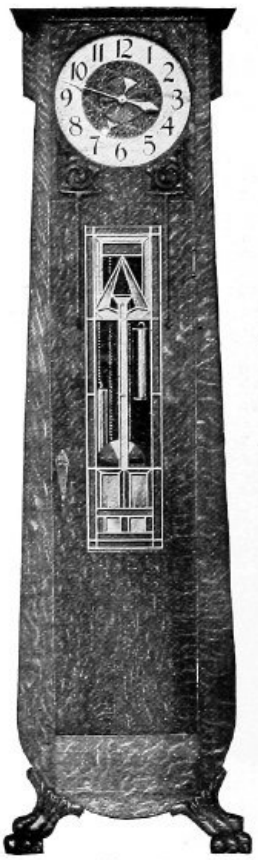
HALL CLOCKS.


Hiawatha.


Vincennes.


Grenada.


Napoleon.


Admiral.

Quartered Oak, Finished in Weathered, Flemish, Fumed, Austrian, Early English, Antwerp and Golden Oak Waxed, Antwerp Oak Dull, and Golden and Antwerp Oak Polished.

Hiawatha—Height 81 in., width 18½ in., depth 12 in., weight movement, 8 day, half and hour strike, chain wind, brass cylindrical weights, brass pendulum ball and hands, cathedral gong, etched brass dial in copper and silver relief, leaded art glass in door, - each $68.00

Vincennes—Height 79½ in., width 22 in., depth 12½ in., weight movement, 8 day, half and hour strike, chain wind, brass cylindrical weights, cathedral gong, brass pendulum ball and hands, etched brass dial in copper and silver relief, leaded art glass in door, cellarette compartment, - each 68.00

Colonial glassware for above, extra, - " 5.00

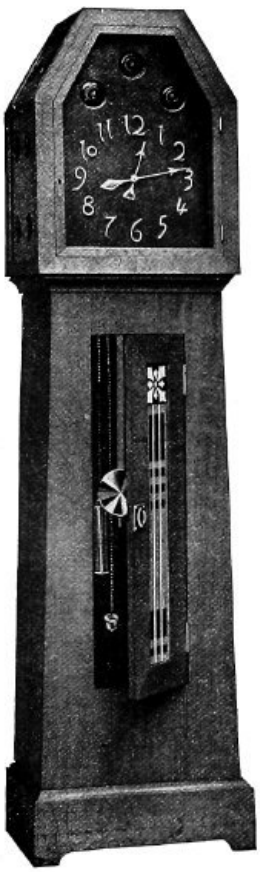
Grenada—Height 82 in., width 23 in., depth 12 in., weight movement, 8 day, half and hour strike, chain wind, brass cylindrical weights, cathedral gong, brass pendulum ball and hands, etched brass dial in copper and silver relief, leaded art glass in door, - - each 72.00

Napoleon—Height 85½ in., width 21½ in., depth 12 in., weight movement, 8 day, half and hour strike, chain wind, brass cylindrical weights, cathedral gong, brass pendulum ball and hands, old copper dial, raised brass numerals, balance of trimming old copper finish, case quartered oak, - each 80.00

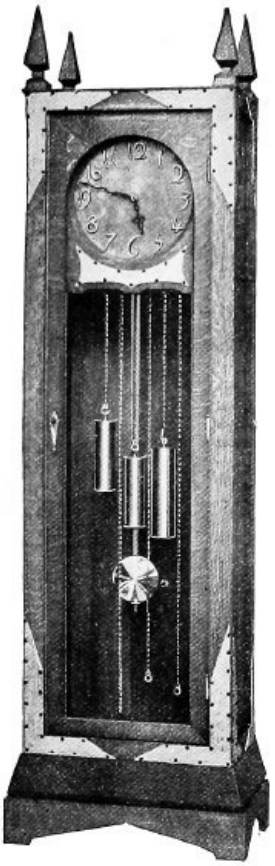
Admiral—Height 77 in., width 22½ in., depth 12 in., weight movement, 8 day, half and hour strike, chain wind, brass cylindrical weights, cathedral gong, brass pendulum ball and hands, etched brass dial in copper and silver relief, leaded art glass in door, - each 78.00

Always state finish wanted.

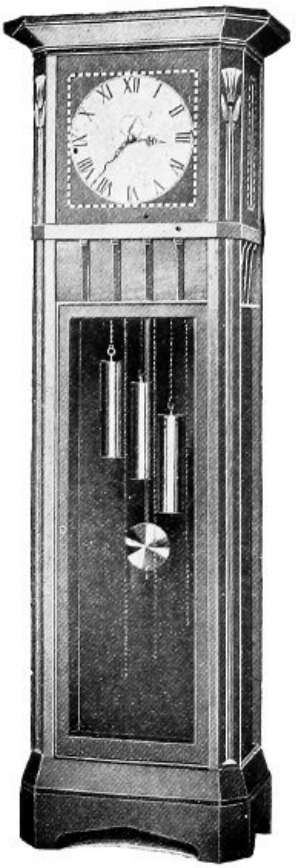
HALL CLOCKS.



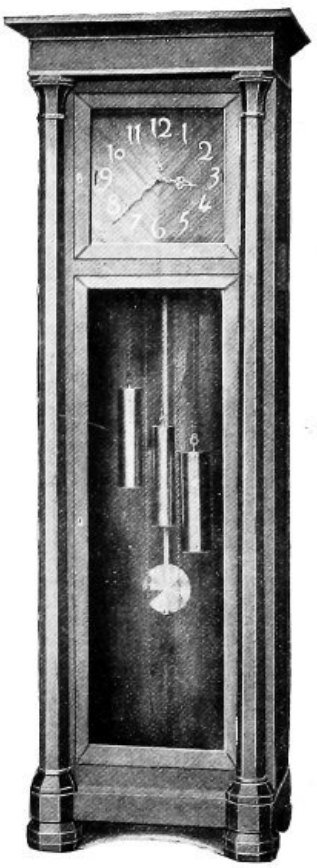
Austrian.



St. Regis.



Manchester.



Cambridge.

Berkshire.

No. 331 Austrian—Height 82 in., width 20 in., depth 14 in., weight movement, 8 day, half and hour strike, chain wind, brass cylindrical weights, cathedral gongs, brass pendulum, ball and hands, old copper dial with raised brass numerals, glass roundels set in, inlay in door is marquetry of imported colored Austrian woods, finished same as above, - - - - - - each $120.00

St. Regis—Height 81 in., width 25½ in., depth 15 in., weight movement, 8 day, 3 trains, solid steel pinions, second beat pendulum, chiming the Westminster chimes on cathedral gongs at each quarter hour, and striking the hour on a deep gong after the fourth quarter, brass bob, weights and hands, bevel glass in door, old copper dial, raised brass numerals, old copper trimmings, finished in Weathered, Flemish, Fumed, Austrian, Early English, Antwerp and golden oak waxed, Antwerp oak dull, and Antwerp and golden polish, on quartered oak, - - - - - - - - - - - - - - - - - - each 200.00

Manchester—Height 85 in., width 27½ in., depth 14 in., weight movement, 8 day, 3 trains, solid steel pinions, second beat pendulum, chiming Westminster chimes on cathedral gong at each quarter hour, and striking the hour on a deep gong after the fourth quarter, brass bob, weights and hands, bevel glass in door, dial and decorations are inlay marquetry of imported colored Austrian woods, case is solid mahogany, finished polish or dull, - - - - - - - - - - - - - - - each 230.00

Cambridge—Height 81 in., width 27 in., depth 16 in., weight movement, 8 day, 3 trains, solid steel pinions, second beat pendulum, chiming Westminster chimes on cathedral gongs at each quarter, brass bob, weights, and hands, bevel glass in door, mahogany dial with inlaid brass numerals, solid mahogany case, polish or dull finish, - - - - - - - - - - each 250.00

Berkshire—Height 100 in., width 28 in., depth 21 in., 5 tube, weight movement, 3 trains, heavy brass plates, first class English construction, 8 day, quarter chime, Westminster bells on patent tabular bells 1⅛ in., dead beat escapement, maintaining power, solid steel pinions, patented piano-action hammers, repeating lever, put-on beat attachment, lever suspension steel rod, brass pendulum bob and weights, heavy brass dial with raised hour and second, moon phase in silver finish, raised hour numerals in brass, corner ornaments in pierced brass, blue steel serpentine hands, solid mahogany case, dull or polished finish, - - each 500.00

Berkshire—9 tubes and same style movement, rendering Westminster or Whittington chimes at each quarter, otherwise same as above, - each 550.00

Always state finish wanted.

CUCKOO CLOCKS.

No. 62.

TRADE G.K. MARK

Imported Direct from the Black Forest (Schwarzwald), Germany.

The carving of these clocks is done by hand by the natives of the Black Forest, and is especially fine. The figures are accurate and life-like.

The fronts of these clocks are made of three pieces of wood of opposite grain, and are set together to prevent warping and cracking.

The movements are made of the best tempered steel and brass with screw pillars, patent ratchet wheels, new escape wheel, and are well finished and adjusted. The same are guaranteed to be correct timekeepers.

Every clock that leaves the factory has been run and thoroughly tested, and is warranted, if properly used, to be a good timekeeper. Should a case crack or split, it will be exchanged or repaired without charge, if transportation charges are prepaid.

All genuine Black Forest Cuckoo Clocks are stamped with the above Trade Mark.

No. 64.

No. 62 —Miniature (not cuckoo), height 7 in., width 4½ in., case made of papier mache and wood pulp, unbreakable, solid brass movement, first quality, walnut color only, - - - - - - - - - - - - - - each $0.84

No. 62½—Miniature, hand carved, height 7 in., width 4½ in., wood front, old style movement, walnut or oak colors, - " .76

No. 64 —Miniature (not cuckoo), hand carved, height 8 in., width 5½ in., solid walnut front with first quality brass movement, " 1.20

No. 44.

No. 35E.

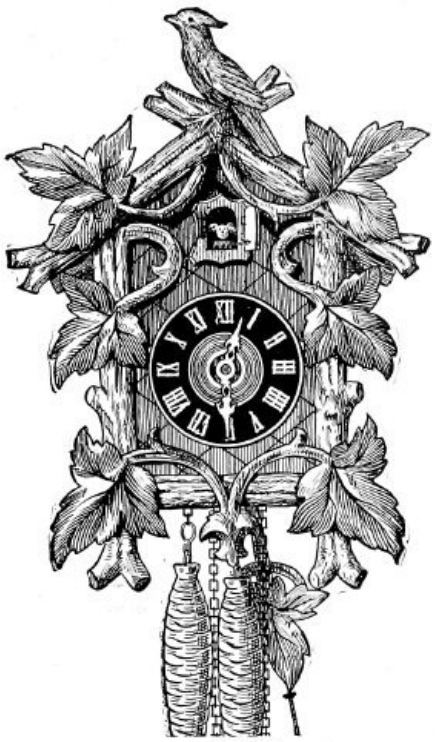
No. 55.

No. 44 —Cuckoo, hand carved, height 19 in., width 12 in., half hour strike and call, German walnut or oak, with inlaid ash, ebony and mahogany ornaments, small size movement, front of case made of three layers of wood, - - - - - each $8.20

No. 35E—Cuckoo, hand carved, guaranteed, height 15 in., width 10 in., dial 4½ in., half-hour strike and call, imitation walnut case, with inlaid ash, ebony and mahogany ornaments, small size movement, - - - - - - - each 5.50

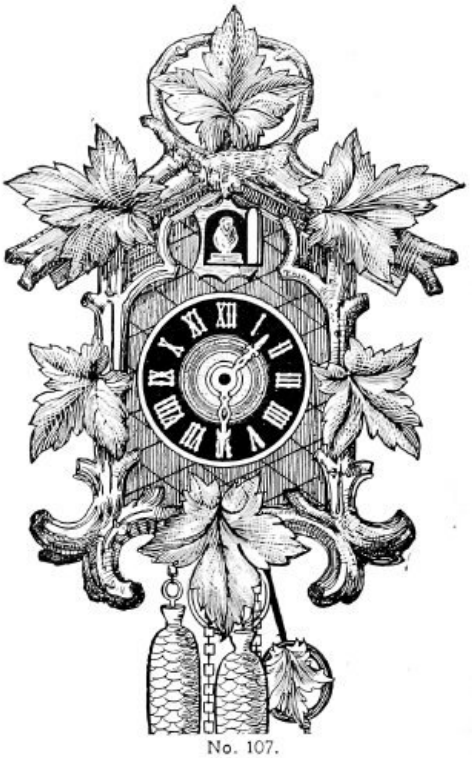
No. 55 —Cuckoo, hand carved, height 21 in., width 14 in., dial 5½ in., half-hour strike and call, solid walnut or oak case, with inlaid ash, ebony and mahogany ornaments, large size G. K. movement, front of case made of three layers of wood, - each 9.30

CUCKOO CLOCKS.



No. 32.

No. 33.



No. 107.

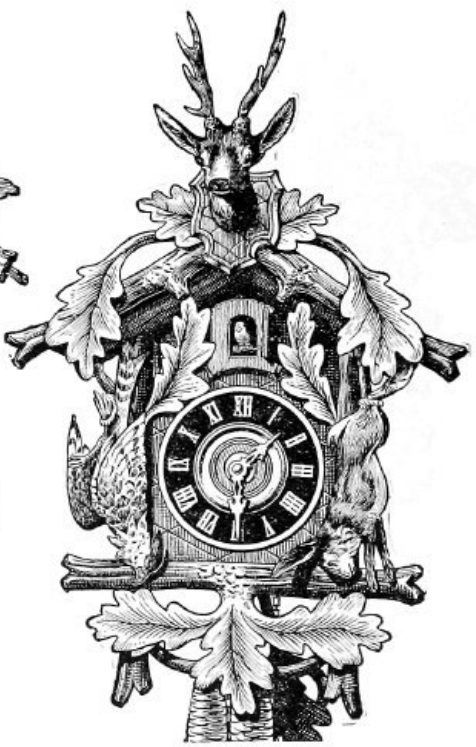
No. 32—Cuckoo, hand carved, height 20 in., width 14 in., dial 5½ in., half-hour strike and call, solid walnut or oak, large size G. K. movement, front of case made of three layers of wood, ... each $13.50

No. 33—Cuckoo, hand carved, height 19 in., width 14 in., dial 5¼ in., half-hour strike and call, solid walnut or oak, large size G. K. movement, front of case made of three layers of wood, ... each 13.90

No. 107—Cuckoo, hand carved, height 19 in., width 14 in., dial 5¼ in., half-hour strike and call, solid walnut or oak, large size G. K. movement, front of case made of three layers of wood. . . . . each 14.50

No. 24.

No. 42.



No. 56.

No. 24—Cuckoo, hand carved, height 21 in., width 15 in., dial 5¼ in., half-hour strike and call, solid walnut or oak, large size G. K. movement, front of case made of three layers of wood, ... each $16.50

No. 42—Cuckoo, hand carved, height 20 in., width 13½ in., dial 5¼ in., half-hour strike and call, solid walnut or oak, large size G. K. movement, front of case made of three layers of wood. . . . . each 17.80

No. 56—Cuckoo, hand carved, height 23 in., width 15 in., dial 5¼ in., half-hour strike and call, solid walnut or oak, rabbit, bird and deer's head decorated in natural colors, imitation glass eyes in rabbit's and deer's heads, large size G. K. movement, front of case made of three layers of wood, . . each 22.30

CUCKOO, QUAIL AND TRUMPETER CLOCKS.

No. 7.

No. 46

No. 10.

No. 7—Quail and cuckoo, hand carved, height 25 in., width 17 in., dial 6⅝ in., quarter-hour strike and call, solid walnut or oak with inlaid ash, ebony and mahogany ornaments, large size G. K. movement, front of case made of three layers of wood, - - - - - - - - - - each $22.30

No. 46—Quail and cuckoo, hand carved, height 21½ in., width 16½ in., dial 6⅜ in., quarter-hour strike and call, solid walnut or oak, large size G. K. movement, front of case made of three layers of wood, - - - - - - - - - -

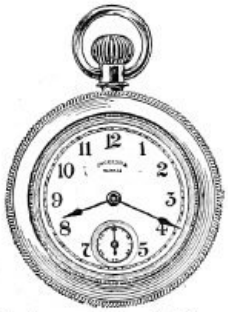
NEWMAN WATCHMEN'S CLOCKS.

PORTABLE.

No. 9— 9 keys, diameter 4 in., depth 2 in., cast aluminum case, 4 in. iron station box, jeweled movement, runs 55 hours, shipping weight 25 lbs., - - -

INGERSOLL WATCHES.

Cuts Slightly Reduced.



Yankee—16 size, *nickel plated case*, Gothic stem wind and set..per dozen $18.00
Yankee—16 size, *gold plated case*, Gothic stem wind and set.....per dozen 19.20
Yankee—16 size, *oxidized case*, Gothic stem wind and set.....per dozen 19.20

Eclipse—16 size, *solid nickel case*, stem wind and set .....per dozen $24.00
Eclipse—16 size, *gold plated case*, stem wind and set .....per dozen 25.20
Eclipse—16 size, *oxidized case*, stem wind and set .....per dozen 25.20

Triumph—16 size, *silver plated case*, stem wind and set.....per dozen $28.80
Triumph—16 size, *gold plated dial, oxidized silver case*, stem wind and set, per dozen..... 30.00

Junior—12 size, thin model, *nickel plated case*.....per dozen $32.40
Junior—12 size, thin model, *gilt case*, per dozen..... 33.60
Junior—12 size, thin model, *gun metal case*.....per dozen 33.60

In size and shape the Ingersoll Junior resembles the thinnest of American models and in quality and finish is up to the standard of the best watches made. Everything about the new Junior is distinctly high class and up-to-date.

Actual Size.

Midget—6 size ladies', *solid nickel case*, stem wind and set.....per dozen $30.00
Midget—6 size ladies' *oxidized solid nickel case*, stem wind and set, per dozen..... $30.60
Midget—6 size ladies', *gold plated solid nickel case*, stem wind and set, per dozen..... 30.60

Guarantee covering all Ingersoll watches.

INGERSOLL DISPLAY STANDS.

No. 8—Counter case, height 10 in., nickel plated frame, plush lined, gold lettered, holds 12 watches .....each $2.00

No. 16—Easel, celluloid covered, holds two watches, with Ingersoll watches, ...free of charge

No. 17—Arm, black with white letters, holds 6 watches, with Ingersoll watches, ...free of charge

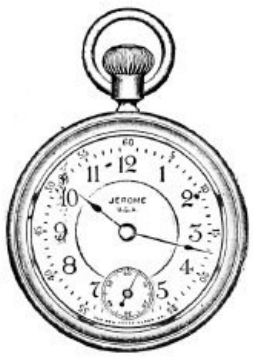
CONNECTICUT WATCH CO.

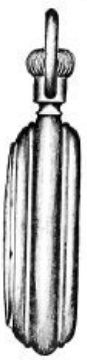
No. 18—**Winner**, 18 size, *3-oz. solid nickel case*, screw back and bezel. ..per dozen $36.00

A heavy case of solid nickel, highly finished, will wear indefinitely without changing in either color or appearance and is screw back and bezel, which renders it practically dust and water proof. The Winner is a substantial watch that will appeal to all kinds of people—railroad men, miners, farmers, mechanics—in short anyone requiring a timekeeper to withstand the hardest kind of wear. It is attractive, too, with a finely damaskeened movement plate and a dial with extra heavy figures that make it ornate as well as easily readable. The movement of this watch is specially constructed, and is designed, like the case, to stand hard use. It is fully guaranteed.

WATCHES.

JEROME, MEN'S, 16 SIZE.


Front


Side

Back

Stem Wind and Stem Set, with Plain Smooth Edge and Fancy Back Case, Heavy Beveled Crystal, Fitted with Roman or Arabic Dial.

Nickel Finish, fancy engraved back ..... per dozen $14.40
Gilt Finish, fancy engraved back ..... " 15.60
Gun Metal Finish, plain back only, black or white dial ..... " 15.60

In six dozen lots we can print customer's name or advertisement, free of charge, on the dials. Special printed dial orders take three or four weeks to fill after received by us.

THESE WATCHES ARE GUARANTEED FOR ONE YEAR.

"ANSONIA."

Escort.

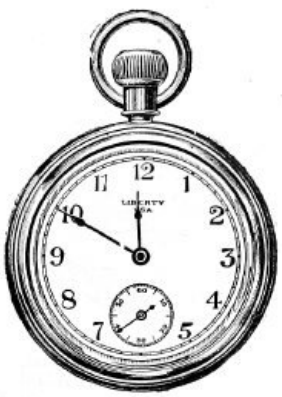
Shield.

Auto.

Guide

Escort—Nickel plated case, 16 size, fancy back, stem wind and set ..... per dozen $22.80
Shield—Nickel plated case, 16 size, engine turned back, stem wind and set ..... " 22.80
Auto —Nickel plated case, 18 size, stem wind and set ..... " 18.48
Guide —Nickel plated case, 18 size, stem wind and set ..... " 18.48

NEW ENGLAND.


No. 10

No. 7.

No. 10—Solid nickel silver case, 16 size, stem wind and pendant set, jewel movement ..... per dozen $30.00

No. 7—Ladies, solid nickel silver case, 6 size, stem wind and pendant set, jewel movement ..... per dozen 30.00

LADY CLARE.

Front

Side

Back

6-Size, Stem Wind and Stem Set, with Knurled Edge and Fancy Back Case, Heavy Beveled Crystal, Fitted with Roman or Arabic Dial.

Nickel Finish, fancy engraved back ..... per dozen $28.80
Gilt Finish, fancy engraved back ..... " 30.00
Oxidized Finish, made in plain back only ..... " 30.00

This is the smallest ladies' watch of the kind in the market.

In six dozen lots we can print customer's name or advertisement, free of charge, on the dials. Special printed dial orders take three or four weeks to fill after received by us.

THESE WATCHES ARE GUARANTEED FOR ONE YEAR.

MEN'S SOLID NICKEL WATCHES.

HUNTING AND OPEN FACE.

Full Size Cuts.

Cases Only.

No. 3000—18 size, open face, screw back and bezel, nickel case.....each $1.20

Watches Complete

CASE NO. 3000, WITH MOVEMENT NAMED BELOW.

No. 3001—7 jewel, New Era..... $4.70
No. 3002—7 jewel, gilt, Elgin or Waltham 8.20
No. 3003—7 jewel, Hampden..... 9.70

Cases Only.

No. 3004—18 size, open face, screw back and bezel, nickel case, plain back..each $1.20

Watches Complete.

CASE NO. 3004, WITH MOVEMENT NAMED BELOW.

No. 3005—7 jewel, New Era..... $4.70
No. 3006—7 jewel, gilt, Elgin or Waltham 8.20
No. 3007—15 jewel, nickel, Elgin or Waltham..... 11.20

Cases Only.

No. 3008—18 size, open face, screw back and bezel, nickel case, with raised gold filled locomotive or stag.....each $2.20

Watches Complete.

CASE NO. 3008, WITH MOVEMENT NAMED BELOW.

No. 3009— 7 jewel, Standard..... $6.20
No. 3010—7 jewel, gilt, Elgin or Waltham 9.20
No. 3011—15 jewel, nickel, Elgin or Waltham 12.20

Cases Only.

No. 3012—18 size, hunting, engraved, each $2.20

Watches Complete.

CASE NO. 3012, WITH MOVEMENT NAMED BELOW.

No. 3013—7 jewel, New Era..... $5.50
No. 3014—7 jewel, gilt, Elgin or Waltham 9.20
No. 3015—15 jewel, nickel, Elgin or Waltham..... 12.20

Cases Only.

No. 3016—18 size, hunting.....each $2.20

Watch Complete.

CASE NO. 3016, WITH MOVEMENT NAMED BELOW.

No. 3017—7 jewel, New Era..... $5.50
No. 3018—7 jewel, gilt, Elgin or Waltham 9.20
No. 3019—7 jewel, Hampden..... 10.70

Cases Only.

No. 3020—18 size, open face, screw bezel, solid back, dust proof, solid gold, inlaid stag or locomotive.....each $4.50

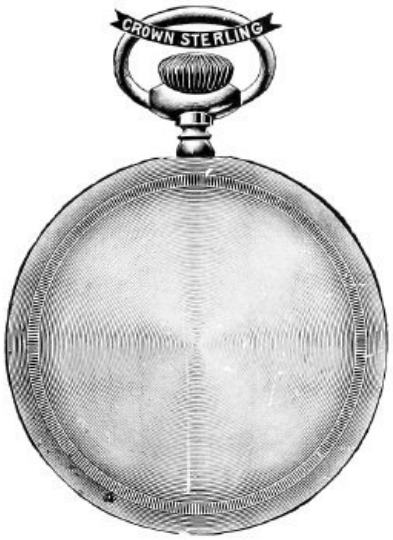
CASE NO. 3020, WITH MOVEMENT NAMED BELOW.

No. 3021— 7 jewel, gilt, Elgin or Waltham..... $11.50
No. 3022—15 jewel, nickel, Elgin or Waltham..... 14.50
No. 3023—17 jewel, nickel, Elgin or Waltham..... 16.50

MEN'S STERLING SILVER WATCHES.

HUNTING AND OPEN FACE.

Full Size Cuts.



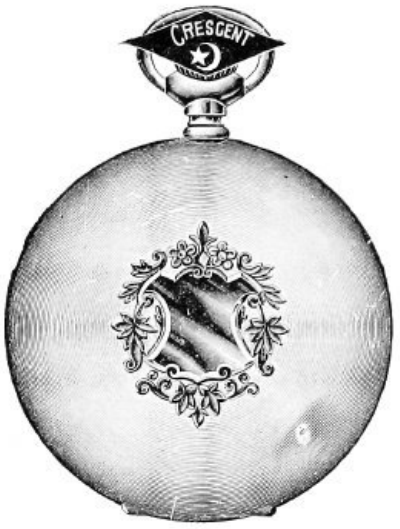
Cases Only.

No. 3024—18 size, 3 oz. Sterling silver, screw back and bezel, plain.....each $7.50

Watches Complete.

CASE NO. 3024, WITH MOVEMENT NAMED BELOW.

No. 3025—7 jewel, Elgin or Waltham.. $15.50
No. 3026—15 jewel, Elgin or Waltham.. 17.50
No. 3027—17 jewel, Elgin or Waltham.. 19.50
No. 3028—21 jewel, Elgin or Waltham..
No. 3029—23 jewel, Elgin or Waltham
Nos. 3028 and 3029—Write for prices.



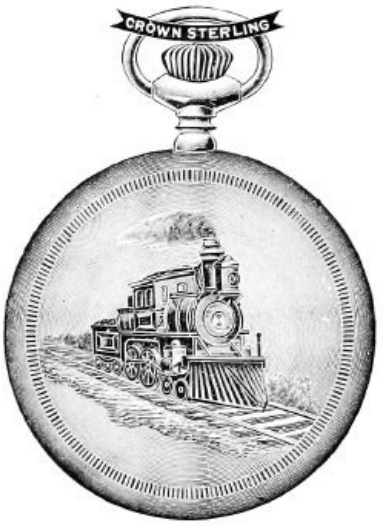
Cases Only.

No. 3030—18 size, 3 oz., hunting, Sterling silver, plain.....each $9.00

Watches Complete.

CASE NO. 3030, WITH MOVEMENT NAMED BELOW

No. 3031—7 jewel, Elgin or Waltham... $17.00
No. 3032—15 jewel, Elgin or Waltham.. 19.00
No. 3033—17 jewel, Elgin or Waltham.. 21.00
No. 3034—21 jewel, Elgin or Waltham..
No. 3035—23 jewel, Elgin or Waltham..
Nos. 3034 and 3035—Write for prices.



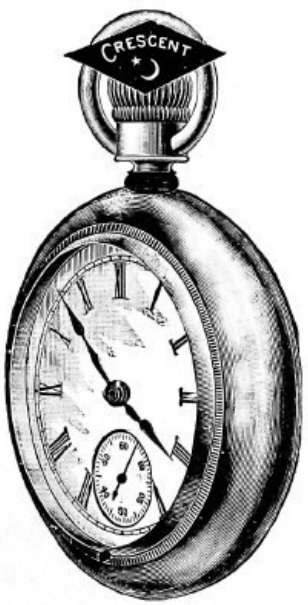
Cases Only.

No. 3036—18 size, 3 oz., Sterling silver, screw back and bezel, solid gold, inlaid stag or locomotive.....each $9.50

Watches Complete.

CASE NO. 3036, WITH MOVEMENT NAMED BELOW.

No. 3037— 7 jewel, Elgin or Waltham.. $17.50
No. 3038—15 jewel, Elgin or Waltham.. 19.50
No. 3039—17 jewel, Elgin or Waltham.. 21.50
No. 3040—21 jewel, Elgin or Waltham..
No. 3041—23 jewel, Elgin or Waltham..
Nos. 3040 and 3041—Write for prices.



Cases Only.

No. 3042—18 size, 3 oz., open face, Sterling silver, screw bezel and back...each $9.50

Watches Complete.

CASE NO. 3042, WITH MOVEMENT NAMED BELOW.

No. 3043— 7 jewel, Elgin or Waltham.. $17.50
No. 3044—15 jewel, Elgin or Waltham.. 19.50
No. 3045—17 jewel, Elgin or Waltham.. 21.50
No. 3046—21 jewel, Elgin or Waltham..
No. 3047—23 jewel, Elgin or Waltham..
Nos. 3046 and 3047—Write for prices.

Cases Only.

No. 3048—18 size, 3 oz., hunting, Sterling silver, engraved.....each $10.00

Watches Complete.

CASE NO. 3048, WITH MOVEMENT NAMED BELOW.

No. 3049— 7 jewel, Elgin or Waltham.. $18.00
No. 3050—15 jewel, Elgin or Waltham.. 20.00
No. 3051—17 jewel, Elgin or Waltham.. 22.00
No. 3052—21 jewel Elgin or Waltham..
No. 3053—23 jewel, Elgin or Waltham..
Nos. 3052 and 3053—Write for prices.

Cases Only.

No. 3054—18 size, Sterling silver, 3 oz., open face, screw bezel, protected stem, adjusted to pendant, dust proof and water tight, solid back, gold inlaid, stag or locomotive.....each $14.00

Watches Complete.

CASE NO. 3054, WITH MOVEMENT NAMED BELOW

No. 3055— 7 jewel, Elgin or Waltham.. $22.00
No. 3056—15 jewel, Elgin or Waltham.. 24.00
No. 3057—17 jewel, Elgin or Waltham.. 26.00
No. 3058—21 jewel, Elgin or Waltham..
No. 3059—23 jewel, Elgin or Waltham..
Nos. 3058 and 3059—Write for prices.

MEN'S GOLD FILLED WATCHES.

Full Size Cuts.

Cases Only.

No. 3060—12 size, hunting, engraved, guaranteed to wear for five years..each **$4.00**

Watches Complete.

CASE NO. 3060, WITH MOVEMENT NAMED BELOW.

No. 3061— 7 jewel, Columbia..... $ 7.70
No. 3062— 7 jewel, Elgin or Waltham.. 14.00
No. 3063—15 jewel, Elgin or Waltham.. 18.00

Cases Only.

No. 3064—16 size, hunting, engraved, guaranteed to wear for five years..each $4.20

Watches Complete.

CASE NO. 3064, WITH MOVEMENT NAMED BELOW.

No. 3065— 7 jewel, Standard..... $ 9.20
No. 3066— 7 jewel, Elgin or Waltham.. 14.20
No. 3067—15 jewel, Elgin or Waltham.. 18.20

Cases Only.

No. 3068—18 size, hunting, engraved, guaranteed to wear for five years..each $4.50

Watches Complete.

CASE NO. 3068, WITH MOVEMENT NAMED BELOW.

No. 3069— 7 jewel, New Era..... $ 8.10
No. 3070— 7 jewel, gilt, Elgin or Waltham..... 11.50
No. 3071—15 jewel, Elgin or Waltham.. 14.50

Cases Only.

No. 3072—12 size, hunting, engraved, guaranteed to wear for 10 years...each $4.50

Watches Complete.

CASE NO. 3072, WITH MOVEMENT NAMED BELOW.

No. 3073— 7 jewel, Standard..... $ 9.50
No. 3074— 7 jewel, Elgin or Waltham.. 14.50
No. 3075—15 jewel, Elgin or Waltham.. 18.50

Cases Only.

No. 3076—16 size, hunting, engraved, guaranteed to wear for 10 years...each $4.70

Watches Complete.

CASE NO. 3076, WITH MOVEMENT NAMED BELOW.

No. 3077— 7 jewel, Standard..... $ 9.70
No. 3078— 7 jewel, Elgin or Waltham.. 14.70
No. 3079—15 jewel, Elgin or Waltham : 18.70

Cases Only.

No. 3080—18 size, hunting, engraved, guaranteed to wear for 10 years...each $5.00

Watches Complete.

CASE NO. 3080, WITH MOVEMENT NAMED BELOW.

No. 3081— 7 jewel, Standard..... $ 9.00
No. 3082— 7 jewel, gilt, Elgin or Waltham..... 12.00
No. 3083—15 jewel, Elgin or Waltham.. 15.00

20 YEAR GOLD FILLED WATCHES.

MEN'S HUNTING, 18 SIZE.

Full Size Cuts.

Cases Only.

No. 3084—18 size, hunting, engraved, guaranteed to wear for 20 years..each $12.50

Watches Complete.

CASE NO. 3084, WITH MOVEMENT NAMED BELOW.

No. 3085— 7 jewel, Elgin or Waltham.. $20.50
No. 3086—15 jewel, Elgin or Waltham.. 22.50
No. 3087—17 jewel, Elgin or Waltham.. 24.50
No. 3088—21 jewel, Elgin or Waltham..
No. 3089—23 jewel, Elgin or Waltham..
Nos. 3088 and 3089—Write for prices.

These watches in open face, $4.50 less.

Cases Only.

No. 3090—18 size, hunting, engraved, guaranteed to wear for 20 years..each $14.50

Watches Complete.

CASE NO. 3090, WITH MOVEMENT NAMED BELOW.

No. 3091— 7 jewel, Elgin or Waltham.. $22.50
No. 3092—15 jewel, Elgin or Waltham.. 24.50
No. 3093—17 jewel, Elgin or Waltham.. 26.50
No. 3094—21 jewel, Elgin or Waltham..
No. 3095—23 jewel, Elgin or Waltham..
Nos. 3094 and 3095—Write for prices.

These watches in open face, $5.50 less.

Cases Only.

No. 3096—18 size, hunting, engraved, guaranteed to wear for 20 years..each $12.50

Watches Complete.

CASE NO. 3096 WITH MOVEMENT NAMED BELOW.

No. 3097— 7 jewel, Hampden..... $21.00
No. 3098—15 jewel, Hampden..... 23.50
No. 3099—17 jewel, Hampden..... 25.00
No. 3100—21 jewel, Hampden..... 43.20
No. 3101—23 jewel, Hampden..... 59.20

These watches in open face, $4.50 less.

Cases Only.

No. 3102—18 size, hunting, engraved, guaranteed to wear for 20 years..each $14.50

Watches Complete.

CASE NO. 3102 WITH MOVEMENT NAMED BELOW

No. 3103— 7 jewel, Elgin or Waltham.. $22.50
No. 3104—15 jewel, Elgin or Waltham.. 24.50
No. 3105—17 jewel, Elgin or Waltham.. 26.50
No. 3106—21 jewel, Elgin or Waltham..
No. 3107—23 jewel, Elgin or Waltham..
Nos. 3106 and 3107—Write for prices.

These watches in open face, $5.50 less.

Cases Only.

No. 3108—18 size, hunting, engraved, guaranteed to wear for 20 years..each $16.50

Watches Complete.

CASE NO. 3108 WITH MOVEMENT NAMED BELOW.

No. 3109— 7 jewel, Elgin or Waltham.. $24.50
No. 3110—15 jewel, Elgin or Waltham.. 26.50
No. 3111—17 jewel, Elgin or Waltham.. 28.50
No. 3112—21 jewel, Elgin or Waltham..
No. 3113—23 jewel, Elgin or Waltham..
Nos. 3112 and 3113—Write for prices.

These watches in open face, $4.50 less.

Cases Only.

No. 3114—18 size, hunting, engraved, guaranteed to wear for 20 years..each $14.50

Watches Complete.

CASE NO. 3114 WITH MOVEMENT NAMED BELOW.

No. 3115— 7 jewel, Hampden..... $23.00
No. 3116—15 jewel, Hampden..... 25.50
No. 3117—17 jewel, Hampden..... 27.00
No. 3118—21 jewel, Hampden..... 45.20
No. 3119—23 jewel, Hampden..... 61.20

These watches in open face, $5.50 less.

20 YEAR GOLD FILLED WATCHES.

MEN'S HUNTING, 16 SIZE.

Full Size Cuts.

Cases Only.

No. 3120—16 size, hunting, engraved, guaranteed to wear for 20 years..each $11.50

Watches Complete.

CASE NO. 3120 WITH MOVEMENT NAMED BELOW.

No. 3121— 7 jewel, Elgin or Waltham.. $21.50
No. 3122—15 jewel, Elgin or Waltham.. 25.50
No. 3123—17 jewel, Elgin or Waltham.. 29.50
No. 3124—17 jewel, adjusted Elgin or Waltham 34.50
No. 3125—21 jewel, adjusted Elgin or Waltham .....
No. 3125—Write for price.

These watches in open face, $4.50 less.

Cases Only.

No. 3126—16 size, hunting, engraved, guaranteed to wear for 20 years..each $13.00

Watches Complete.

CASE NO. 3126, WITH MOVEMENT NAMED BELOW.

No. 3127— 7 jewel, Elgin or Waltham.. $23.00
No. 3128—15 jewel, Elgin or Waltham.. 27.00
No. 3129—17 jewel, Elgin or Waltham.. 31.00
No. 3130—17 jewel, adjusted, Elgin or Waltham 36.00
No. 3131—21 jewel, adjusted, Elgin or Waltham .....
No. 3131—Write for price.

These watches in open face, $5.00 less.

Cases Only.

No. 3132—16 size, hunting, engraved, guaranteed to wear for 20 years..each $11.50

Watches Complete.

CASE NO. 3132, WITH MOVEMENT NAMED BELOW.

No. 3133— 7 jewel, Elgin or Waltham.. $21.50
No. 3134—15 jewel, Elgin or Waltham.. 25.50
No. 3135—17 jewel, Elgin or Waltham.. 29.50
No. 3136—17 jewel, adjusted, Elgin or Waltham 34.50
No. 3137—21 jewel, adjusted, Elgin or Waltham .....
No. 3137—Write for price.

These watches in open face, $4.50 less.

Cases Only.

No. 3138—16 size, hunting, engraved, guaranteed to wear for 20 years..each $13.00

Watches Complete.

CASE NO. 3138, WITH MOVEMENT NAMED BELOW.

No. 3139— 7 jewel, Elgin or Waltham.. $23.00
No. 3140—15 jewel, Elgin or Waltham.. 27.00
No. 3141—17 jewel, Elgin or Waltham.. 31.00
No. 3142—17 jewel, adjusted, Elgin or Waltham 36.00
No. 3143—21 jewel, adjusted, Elgin or Waltham .....
No. 3143—Write for price.

These watches in open face, $5.00 less.

Cases Only.

No. 3144—16 size, hunting, engraved, guaranteed to wear for 20 years..each $16.00

Watches Complete.

CASE NO. 3144, WITH MOVEMENT NAMED BELOW.

No. 3145— 7 jewel, Elgin or Waltham.. $26.00
No. 3146—15 jewel, Elgin or Waltham.. 30.00
No. 3147—17 jewel, Elgin or Waltham.. 34.00
No. 3148—17 jewel, adjusted, Elgin or Waltham 39.00
No. 3149—21 jewel, adjusted, Elgin or Waltham .....
No. 3149—Write for price.

These watches in open face, $4.50 less.

Cases Only.

No. 3150—16 size, hunting, engraved, guaranteed to wear for 20 years..each $13.00

Watches Complete.

CASE NO. 3150, WITH MOVEMENT NAMED BELOW.

No. 3151— 7 jewel, Elgin or Waltham.. $23.00
No. 3152—15 jewel, Elgin or Waltham.. 27.00
No. 3153—17 jewel, Elgin or Waltham.. 31.00
No. 3154—17 jewel, adjusted, Elgin or Waltham 36.00
No. 3155—21 jewel, adjusted, Elgin or Waltham .....
No. 3155—Write for price.

These watches in open face, $5.00 less.

20 YEAR GOLD FILLED WATCHES.

HUNTING OR OPEN FACE.

For Men and Boys, In the Popular No. 12 Size.

Full Size Cuts.

Cases Only.

No. 3156—12 size, hunting, plain polished, gold filled, guaranteed to wear for 20 years.....each $10.50

Watches Complete.

CASE NO. 3156, WITH MOVEMENT NAMED BELOW

	HUNTING.	OPEN FACE.
No. 3157—7 jewel, Elgin or Waltham	$20.50	17.00
No. 3158—15 jewel, Elgin or Waltham	24.50	21.00
No. 3159—17 jewel, Elgin or Waltham	28.50	25.00
No. 3160—17 jewel, adjusted, Elgin	38.00	34.50

Cases Only.

No. 3161—12 size, hunting, engraved, gold filled, guaranteed to wear for 20 years.....each $12.50

Watches Complete.

CASE NO. 3161, WITH MOVEMENT NAMED BELOW.

	HUNTING.	OPEN FACE
No. 3162— 7 jewel, Elgin or Waltham	$22.50	18.00
No. 3163—15 jewel, Elgin or Waltham	26.50	22.00
No. 3164—17 jewel, Elgin or Waltham	30.50	26.00
No. 3165—17 jewel, adjusted, Elgin	40.00	35.50

Cases Only.

No. 3166—12 size, hunting, engraved, gold filled, guaranteed to wear for 20 years.....each $10.50

Watches Complete.

CASE NO. 3166, WITH MOVEMENT NAMED BELOW

	HUNTING.	OPEN FACE.
No. 3167— 7 jewel, Elgin or Waltham	$20.50	17.00
No. 3168—15 jewel, Elgin or Waltham	24.50	21.00
No. 3169—17 jewel, Elgin or Waltham	28.50	25.00
No. 3170—17 jewel, adjusted, Elgin	38.00	34.50

Cases Only.

No. 3172—12 size, hunting, engraved, gold filled, guaranteed to wear for 20 years.....each $12.50

Watches Complete.

CASE NO. 3172, WITH MOVEMENT NAMED BELOW.

	HUNTING.	OPEN FACE.
No. 3173— 7 jewel, Elgin or Waltham	$22.50	18.00
No. 3174—15 jewel, Elgin or Waltham	26.50	22.00
No. 3175—17 jewel, Elgin or Waltham	30.50	26.00
No. 3176—17 jewel, adjusted, Elgin	40.00	35.50

Cases Only.

No. 3177—12 size, hunting, engraved, gold filled, guaranteed to wear for 20 years.....each $15.00

Watches Complete.

CASE NO. 3177, WITH MOVEMENT NAMED BELOW.

	HUNTING.	OPEN FACE.
No. 3178— 7 jewel, Elgin or Waltham	$25.00	21.00
No. 3179—15 jewel, Elgin or Waltham	29.00	25.00
No. 3180—17 jewel, Elgin or Waltham	33.00	29.00
No. 3181—17 jewel, adjusted, Elgin	42.50	38.50

Cases Only.

No. 3182—12 size, hunting, engraved, gold filled, guaranteed to wear for 20 years.....each $12.50

Watches Complete.

CASE NO. 3182, WITH MOVEMENT NAMED BELOW

	HUNTING.	OPEN FACE.
No. 3183— 7 jewel, Elgin or Waltham	$22.50	18.00
No. 3184—15 jewel, Elgin or Waltham	26.50	22.00
No. 3185—17 jewel, Elgin or Waltham	30.50	26.00
No. 3186—17 jewel, adjusted, Elgin	40.00	35.50

25 YEAR GOLD FILLED WATCHES.

MEN'S, OPEN FACE, 18 SIZE.

Full Size Cuts.

Cases Only.

No. 3187—18 size, open face, engraved, screw back and bezel, protected stem, adjusted to pendant, dust proof and water tight, guaranteed to wear for 25 years.....each $12.50

Watches Complete.

CASE NO. 3187, WITH MOVEMENT NAMED BELOW.

No. 3188— 7 jewel, Elgin or Waltham.. $20.50
No. 3189—15 jewel, Elgin or Waltham.. 22.50
No. 3190—17 jewel, Elgin or Waltham.. 24.50
No. 3191—21 jewel, adjusted, Elgin or Waltham.....
No. 3191—Write for price.

Cases Only.

No. 3192—18 size, open face, screw back and bezel, protected stem, adjusted to pendant, dust proof and water tight, plain polished, guaranteed to wear for 25 years.....each $12.50

Watches Complete.

CASE NO. 3192, WITH MOVEMENT NAMED BELOW.

No. 3193— 7 jewel, Elgin or Waltham.. $20.50
No. 3194—15 jewel, Elgin or Waltham.. 22.50
No. 3195—17 jewel, Elgin or Waltham.. 24.50
No. 3196—21 jewel, adjusted, Elgin or Waltham.....
No. 3196—Write for price.

Cases Only.

No. 3197—18 size, open face, engraved, screw back and bezel, protected stem, adjusted to pendant, dust proof and water tight, guaranteed to wear for 25 years.....each $12.50

Watches Complete.

CASE NO. 3197, WITH MOVEMENT NAMED BELOW.

No. 3198— 7 jewel, Hampden..... $21.00
No. 3199—15 jewel, Hampden..... 23.50
No. 3200—17 jewel, Hampden..... 25.00
No. 3201—21 jewel, Hampden..... 37.20

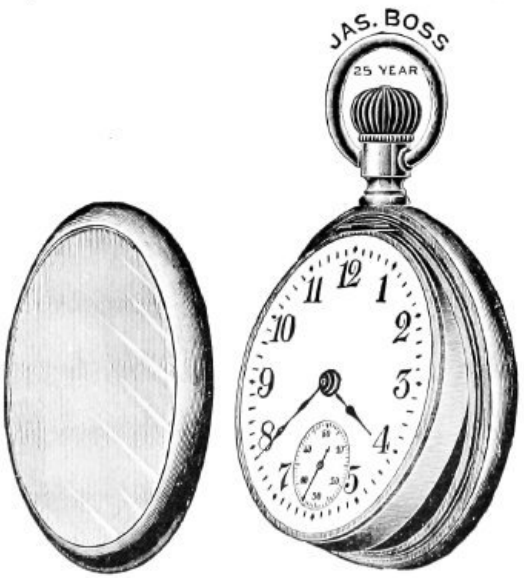
Cases Only.

No. 3202—18 size, open face, engraved, screw back and bezel, guaranteed to wear for 25 years.....each $13.50

Watches Complete.

CASE NO. 3202, WITH MOVEMENT NAMED BELOW.

No. 3203— 7 jewel, Elgin or Waltham.. $21.50
No. 3204—15 jewel, Elgin or Waltham.. 23.50
No. 3205—17 jewel, Elgin or Waltham.. 25.50
No. 3206—21 jewel, adjusted, Elgin or Waltham.....
No. 3206—Write for price.



Cases Only.

No. 3207—18 size, open face, screw bezel, solid back, plain polished, guaranteed to wear for 25 years.....each $18.00

Watches Complete.

CASE NO. 3207 WITH MOVEMENT NAMED BELOW.

No. 3208— 7 jewel, Elgin or Waltham.. $26.00
No. 3209—15 jewel, Elgin or Waltham.. 28.00
No. 3210—17 jewel, Elgin or Waltham.. 30.00
No. 3211—21 jewel, adjusted, Elgin or Waltham.....
No. 3211—Write for price.

Cases Only.

No. 3212—18 size, open face, screw bezel, solid back, guaranteed to wear for 25 years.....each $18.00

Watches Complete.

CASE NO. 3212, WITH MOVEMENT NAMED BELOW.

No. 3213— 7 jewel, Hampden..... $26.50
No. 3214—15 jewel, Hampden..... 29.00
No. 3215—17 jewel, Hampden..... 30.50
No. 3216—21 jewel, Hampden..... 42.70

25 YEAR GOLD FILLED WATCHES.

MEN'S, HUNTING, 18 SIZE.

Full Size Cuts.

Cases Only.

No. 3217—18 size, hunting, engraved, guaranteed to wear for 25 years.....each $17.50

Watches Complete.

CASE NO. 3217, WITH MOVEMENT NAMED BELOW.

No. 3218— 7 jewel, Elgin or Waltham.. $25.50
No. 3219—15 jewel, Elgin or Waltham.. 27.50
No. 3220—17 jewel, Elgin or Waltham.. 29.50
No. 3221—21 jewel, adjusted, Elgin or Waltham.....
No. 3221—Write for price.

These watches in open face, $5.00 less.

Cases Only.

No. 3222—18 size, hunting, engraved, guaranteed to wear for 25 years.....each $19.00

Watches Complete.

CASE NO. 3222, WITH MOVEMENT NAMED BELOW.

No. 3223— 7 jewel, Elgin or Waltham.. $27.00
No. 3224—15 jewel, Elgin or Waltham.. 29.00
No. 3225—17 jewel, Elgin or Waltham.. 31.00
No. 3226—21 jewel, adjusted, Elgin or Waltham.....
No. 3226—Write for price.

These watches in open face, $5.50 less.

Cases Only.

No. 3227—18 size, hunting, engraved, guaranteed to wear for 25 years.....each $17.50

Watches Complete.

CASE NO. 3227, WITH MOVEMENT NAMED BELOW.

No. 3228— 7 jewel, Hampden..... $26.00
No. 3229—15 jewel, Hampden..... 28.50
No. 3230—17 jewel, Hampden..... 30.00
No. 3231—21 jewel, Hampden..... 48.20

These watches in open face, $5.00 less.

Cases Only.

No. 3232—18 size, hunting, engraved, guaranteed to wear for 25 years.....each $19.00

Watches Complete.

CASE NO. 3232, WITH MOVEMENT NAMED BELOW.

No. 3233— 7 jewel, Elgin or Waltham.. $27.00
No. 3234—15 jewel, Elgin or Waltham.. 29.00
No. 3235—17 jewel, Elgin or Waltham.. 31.00

These watches in open face, $5.50 less.

F-3120

Cases Only.

No. 3236—18 size, hunting, engraved, guaranteed to wear for 25 years.....each $22.00

Watches Complete.

CASE NO. 3236, WITH MOVEMENT NAMED BELOW.

No. 3237— 7 jewel, Elgin or Waltham.. $30.00
No. 3238—15 jewel, Elgin or Waltham.. 32.00
No. 3239—17 jewel, Elgin or Waltham.. 34.00
No. 3240—23 jewel, adjusted, Elgin or Waltham.....
No. 3240—Write for price.

These watches in open face, $4.50 less.

Cases Only.

No. 3241—18 size, hunting, engraved, guaranteed to wear for 25 years.....each $19.00

Watches Complete.

CASE NO. 3241, WITH MOVEMENT NAMED BELOW.

No. 3242— 7 jewel, Hampden..... $27.50
No. 3243—15 jewel, Hampden..... 30.00
No. 3244—17 jewel, Hampden..... 31.50
No. 3245—21 jewel, Hampden..... 49.70

These watches in open face, $5.50 less.

25 YEAR GOLD FILLED WATCHES.

MEN'S, HUNTING, 16 SIZE.

Full Size Cuts.

Cases Only.

No. 3246—16 size, hunting, engraved, guaranteed to wear for 25 years.....each $17.00

Watches Complete.

CASE NO. 3246, WITH MOVEMENT NAMED BELOW.

No. 3247— 7 jewel, Elgin or Waltham.. $27.00
No. 3248—15 jewel, Elgin or Waltham.. 31.00
No. 3249—17 jewel, Elgin or Waltham.. 35.00
No. 3250—17 jewel, adjusted, Elgin or Waltham 40.00
No. 3251—21 jewel, adjusted, Elgin or Waltham .....
No. 3251—Write for price.

These watches in open face, $4.50 less.

Cases Only.

No. 3252—16 size, hunting, engraved, guaranteed to wear for 25 years.....each $18.00

Watches Complete.

CASE NO. 3252, WITH MOVEMENT NAMED BELOW.

No. 3253— 7 jewel, Elgin or Waltham.. $28.00
No. 3254—15 jewel, Elgin or Waltham.. 32.00
No. 3255—17 jewel, Elgin or Waltham.. 36.00
No. 3256—17 jewel, adjusted, Elgin or Waltham 41.00
No. 3257—21 jewel, adjusted, Elgin or Waltham .....
No. 3257—Write for price.

These watches in open face, $4.50 less.

Cases Only.

No. 3258—16 size, hunting, engraved, guaranteed to wear for 25 years.....each $17.00

Watches Complete.

CASE NO. 3258, WITH MOVEMENT NAMED BELOW.

No. 3259— 7 jewel, Elgin or Waltham.. $27.00
No. 3260—15 jewel, Elgin or Waltham.. 31.00
No. 3261—17 jewel, Elgin or Waltham.. 35.00
No. 3262—17 jewel, adjusted, Elgin or Waltham 40.00
No. 3263—21 jewel, adjusted, Elgin or Waltham .....
No. 3263—Write for price.

These watches in open face, $4.50 less.

Cases Only.

No. 3264—16 size, hunting, engraved, guaranteed to wear for 25 years..each $18.00

Watches Complete.

CASE NO. 3264, WITH MOVEMENT NAMED BELOW.

No. 3265— 7 jewel, Elgin or Waltham.. $28.00
No. 3266—15 jewel, Elgin or Waltham.. 32.00
No. 3267—17 jewel, Elgin or Waltham.. 36.00
No. 3268—17 jewel, adjusted, Elgin or Waltham 41.00
No. 3269—21 jewel, adjusted, Elgin or Waltham .....
No. 3269—Write for price.

These watches in open face, $4.50 less.

Cases Only.

No. 3270—16 size, hunting, engraved, guaranteed to wear for 25 years..each $21.00

Watches Complete.

CASE NO. 3270, WITH MOVEMENT NAMED BELOW.

No. 3271— 7 jewel, Elgin or Waltham.. $31.00
No. 3272—15 jewel, Elgin or Waltham.. 35.00
No. 3273—17 jewel, Elgin or Waltham.. 39.00
No. 3274—17 jewel, adjusted, Elgin or Waltham 44.00
No. 3275—21 jewel, adjusted, Elgin or Waltham .....
No. 3275—Write for price.

These watches in open face, $4.00 less.

Cases Only.

No. 3276—16 size, hunting, engraved, guaranteed to wear for 25 years..each $18.00

Watches Complete.

CASE NO. 3276, WITH MOVEMENT NAMED BELOW.

No. 3277— 7 jewel, Elgin or Waltham.. $28.00
No. 3278—15 jewel, Elgin or Waltham.. 32.00
No. 3279—17 jewel, Elgin or Waltham.. 36.00
No. 3280—17 jewel, adjusted, Elgin or Waltham 41.00
No. 3281—21 jewel, adjusted, Elgin or Waltham .....
No. 3281—Write for price.

These watches in open face, $4.50 less.

GOLD FILLED WATCHES.

MEN'S, NEW THIN MODEL, OPEN FACE, 16 SIZE.

20 Year and 25 Year Cases.

Full Size Cuts.

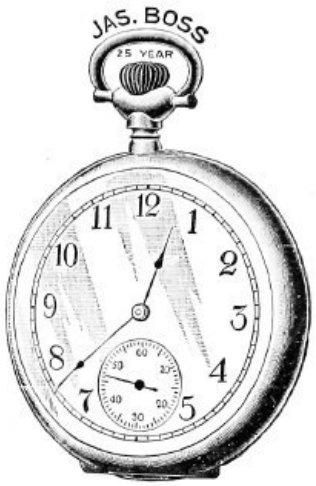
Cases Only.

No. 3282—16 size, open face, screw back and bezel, guaranteed to wear for 20 years.....each $7.00

Watches Complete.

CASE NO. 3282, WITH MOVEMENT NAMED BELOW.

No. 3283— 7 jewel, Elgin or Waltham.. $17.00
No. 3284—15 jewel, Elgin or Waltham.. 21.00
No. 3285—17 jewel, Elgin or Waltham.. 25.00
No. 3286—17 jewel, adjusted, Elgin or Waltham..... 30.00



Cases Only.

No. 3287—16 size, open face, jointed back and front, plain polished, guaranteed to wear for 25 years.....each $17.50

Watches Complete.

CASE NO. 3287, WITH MOVEMENT NAMED BELOW.

No. 3288— 7 jewel, Elgin or Waltham.. $27.50
No. 3289—15 jewel, Elgin or Waltham.. 31.50
No. 3290—17 jewel, Elgin or Waltham.. 35.50
No. 3291—17 jewel, adjusted, Elgin or Waltham..... 40.50

Cases Only.

No. 3292—16 size, open face, screw back and bezel, guaranteed to wear for 20 years.....each $7.00

Watches Complete.

CASE NO. 3292, WITH MOVEMENT NAMED BELOW.

No. 3293— 7 jewel, Hampden..... $17.00
No. 3294—15 jewel, Hampden..... 21.00
No. 3295—17 jewel, Hampden..... 25.00
No. 3296—17 jewel, adjusted, Hampden 31.00
No. 3297—19 jewel, adjusted, Railway.. 47.00

Cases Only.

No. 3298—16 size, open face, screw back and bezel, engraved, guaranteed to wear for 25 years.....each $13.50

Watches Complete.

CASE NO. 3298, WITH MOVEMENT NAMED BELOW.

No. 3299— 7 jewel, Elgin or Waltham.. $23.50
No. 3300—15 jewel, Elgin or Waltham.. 27.50
No. 3301—17 jewel, Elgin or Waltham.. 31.50
No. 3302—17 jewel, adjusted, Elgin or Waltham..... 36.50

Cases Only.

No. 3303—16 size, open face, "Calumet," single joint, plain polished, guaranteed to wear for 25 years..each $17.00

Watches Complete.

CASE NO. 3303, WITH MOVEMENT NAMED BELOW.

No. 3304— 7 jewel, Elgin or Waltham.. $27.00
No. 3305—15 jewel, Elgin or Waltham.. 31.00
No. 3306—17 jewel, Elgin or Waltham.. 35.00
No. 3307—17 jewel, adjusted, Elgin or Waltham..... 40.00

Cases Only.

No. 3308—16 size, open face, screw back and bezel, engraved, guaranteed to wear for 25 years.....each $13.50

Watches Complete.

CASE NO. 3308, WITH MOVEMENT NAMED BELOW.

No. 3309— 7 jewel, Hampden..... $23.50
No. 3310—15 jewel, Hampden..... 27.50
No. 3311—17 jewel, Hampden..... 31.50
No. 3312—17 jewel, adjusted, Hampden 37.50
No. 3313—19 jewel, adjusted, Railway.. 53.50

25 YEAR GOLD FILLED WATCHES.

HUNTING AND OPEN FACE IN THE POPULAR 12 SIZE, FOR MEN AND BOYS.

Full Size Cuts.

Cases Only.

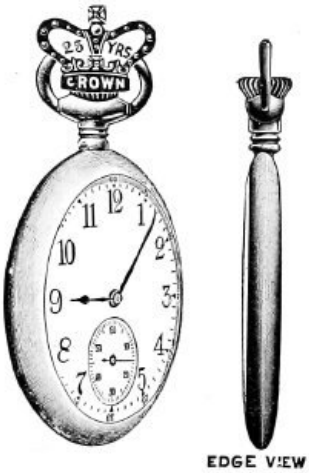
No. 3314—12 size, hunting, guaranteed to wear for 25 years, bias engraved.....each $15.00

Watches Complete.

CASE NO. 3314 WITH MOVEMENT NAMED BELOW.

No. 3315—	7 jewel, Elgin or Waltham.	$25.00
No. 3316—	15 jewel, Elgin or Waltham..	29.00
No. 3317—	17 jewel, Elgin or Waltham..	33.00
No. 3318—	17 jewel, adjusted, Elgin.....	42.50
No. 3319—	19 jewel, adjusted, Elgin.....	64.00
No. 3320—	23 jewel, adjusted, Elgin.....	115.00

These watches in open face, $2.50 less.



Cases Only.

No. 3321—12 size, open face, very thin, guaranteed to wear for 25 years, plain polish or Roman finish.....each $12.50

Watches Complete.

CASE NO. 3321, WITH MOVEMENT NAMED BELOW.

No. 3322—	7 jewel, Elgin or Waltham..	$22.50
No. 3323—	15 jewel, Elgin or Waltham..	26.50
No. 3324—	17 jewel, Elgin or Waltham..	30.50
No. 3325—	17 jewel, adjusted, Elgin....	40.00
No. 3326—	19 jewel, adjusted, Elgin....	61.50
No. 3327—	23 jewel, adjusted, Elgin....	112.50

Cases Only.

No. 3328—12 size, hunting, guaranteed to wear for 25 years, top and bottom engraved.....each $15.00

Watches Complete.

CASE NO. 3328, WITH MOVEMENT NAMED BELOW.

No. 3329—	7 jewel, Elgin or Waltham..	$25.00
No. 3330—	15 jewel, Elgin or Waltham..	29.00
No. 3331—	17 jewel, Elgin or Waltham..	33.00
No. 3332—	17 jewel, adjusted, Elgin....	42.50
No. 3333—	19 jewel, adjusted, Elgin....	64.00

These watches in open face, $2.50 less.

Cases Only.

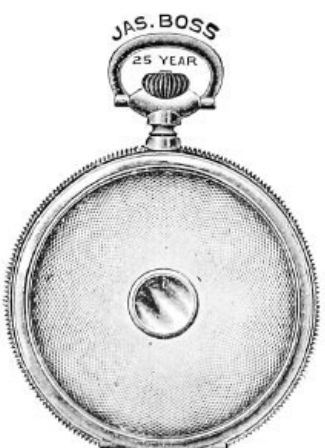
No. 3334—12 size, hunting, full engraved, guaranteed to wear for 25 years.....each $15.00

Watches Complete.

CASE NO. 3334, WITH MOVEMENT NAMED BELOW.

No. 3335—	7 jewel, Elgin or Waltham..	$25.00
No. 3336—	15 jewel, Elgin or Waltham..	29.00
No. 3337—	17 jewel, Elgin or Waltham..	33.00
No. 3338—	17 jewel, adjusted, Elgin....	42.50
No. 3339—	19 jewel, adjusted, Elgin....	64.00
No. 3340—	23 jewel, adjusted, Elgin....	115.00

These watches in open face, $2.50 less.



Cases Only.

No. 3341—12 size, hunting, engine turned, guaranteed to wear for 25 years.....each $15.50

Watches Complete.

CASE NO. 3341, WITH MOVEMENT NAMED BELOW.

No. 3342—	7 jewel, Elgin or Waltham..	$25.50
No. 3343—	15 jewel, Elgin or Waltham..	29.50
No. 3344—	17 jewel, Elgin or Waltham..	33.50
No. 3345—	17 jewel, adjusted, Elgin....	43.00
No. 3346—	19 jewel, adjusted, Elgin....	64.50
No. 3347—	23 jewel, adjusted, Elgin....	115.50

These watches in open face, $1.00 less.

Cases Only.

No. 3348—12 size, hunting, raised gold ornamentations, guaranteed to wear for 25 years.....each $25.00

Watches Complete.

CASE NO. 3348, WITH MOVEMENT NAMED BELOW.

No. 3349—	7 jewel, Elgin or Waltham..	$35.00
No. 3350—	15 jewel, Elgin or Waltham..	39.00
No. 3351—	17 jewel, Elgin or Waltham..	43.00
No. 3352—	17 jewel, adjusted, Elgin....	52.50
No. 3353—	19 jewel, adjusted, Elgin....	74.00
No. 3354—	23 jewel, adjusted, Elgin....	125.00

These watches in open face, $4.50 less.

LOW PRICE LADIES' WATCHES.

HUNTING, 0 AND 6 SIZE.

Full Size Cuts.

Cases Only.

No. 3355—6 size, hunting, gold plated, each..... $1.50

Watches Complete.

CASE NO. 3355, WITH MOVEMENT NAMED BELOW.

No. 3356—7 jewel, Columbia $4.90
No. 3357—7 jewel, Standard..... 6.50
No. 3358—7 jewel, gilt, Elgin or Waltham 9.50

Cases Only.

No. 3359—0 size, hunting, guaranteed to wear for five years .....each $3.10

Watches Complete.

CASE NO. 3359, WITH MOVEMENT NAMED BELOW.

No. 3360— 7 jewel, Imperial..... $ 9.10
No. 3361— 7 jewel, Elgin or Waltham.. 14.10
No. 3362—15 jewel, Elgin or Waltham.. 19.10

Cases Only.

No. 3363—6 size, hunting, guaranteed to wear for five years .....each $3.20

Watches Complete.

CASE NO. 3363, WITH MOVEMENT NAMED BELOW.

No. 3364—7 jewel, Columbia ..... $ 7.20
No. 3365—7 jewel, Standard..... 8.20
No. 3366—7 jewel, gilt, Elgin or Waltham..... 11.20

Cases Only.

No. 3367—0 size, hunting, guaranteed to wear for 10 years.....each $3.70

Watches Complete.

CASE NO. 3367, WITH MOVEMENT NAMED BELOW.

No. 3368— 7 jewel, Imperial..... $ 9.70
No. 3369— 7 jewel, Elgin or Waltham.. 14.70
No. 3370—15 jewel, Elgin or Waltham.. 19.70

Cases Only.

No. 3371—6 size, hunting, guaranteed to wear for ten years.....each $3.80

Watches Complete.

CASE NO. 3371, WITH MOVEMENT NAMED BELOW.

No. 3372— 7 jewel, Standard..... $ 8.80
No. 3373— 7 jewel, gilt, Elgin or Waltham..... 11.80
No. 3374—15 jewel, Elgin or Waltham.. 14.80

Cases Only.

No. 3375—6 size, hunting, sterling silver, each..... $5.20

Watches Complete.

CASE NO. 3375, WITH MOVEMENT NAMED BELOW.

No. 3376— 7 jewel, Standard..... $10.20
No. 3377— 7 jewel, gilt, Elgin or Waltham..... 13.20
No. 3378—15 jewel, Elgin or Waltham.. 16.20

20 YEAR GOLD FILLED LADIES' WATCHES.

HUNTING, 6 SIZE.

Full Size Cuts.

Cases Only.

No. 3379—6 size, hunting, engraved, guaranteed to wear for 20 years...each $9.00

Watches Complete.

CASE NO. 3379, WITH MOVEMENT NAMED BELOW.

No. 3380— 7 jewel, Elgin or Waltham.. $18.00
No. 3381—15 jewel, Elgin or Waltham.. 20.00
No. 3382—16 jewel, Lady Waltham..... 25.00

Cases Only.

No. 3383—6 size, hunting, engraved, guaranteed to wear for 20 years..each $11.00

Watches Complete.

CASE NO. 3383, WITH MOVEMENT NAMED BELOW.

No. 3384— 7 jewel, Elgin or Waltham.. $20.00
No. 3385—15 jewel, Elgin or Waltham.. 22.00
No. 3386—16 jewel, Lady Waltham..... 27.00

Cases Only.

No. 3387—6 size, hunting, engraved, guaranteed to wear for 20 years...each $9.00

Watches Complete.

CASE NO. 3387, WITH MOVEMENT NAMED BELOW

No. 3388— 7 jewel, Elgin or Waltham..$ 18.00
No. 3389—15 jewel Elgin or Waltham... 20.00
No. 3390—16 jewel, Lady Waltham..... 25.00

Cases Only.

No. 3391—6 size, hunting, engraved, guaranteed to wear for 20 years..each $11.00

Watches Complete.

CASE NO. 3391, WITH MOVEMENT NAMED BELOW.

No. 3392— 7 jewel, Elgin or Waltham.. $20.00
No. 3393—15 jewel, Elgin or Waltham.. 22.00
No. 3394—16 jewel, Lady Waltham..... 27.00

Cases Olny.

No. 3395—6 size, hunting, engraved, guaranteed to wear for 20 years..each $13.00

Watches Complete.

CASE NO. 3395, WITH MOVEMENT NAMED BELOW.

No. 3396— 7 jewel, Elgin or Waltham.. $22.00
No. 3397—15 jewel, Elgin or Waltham.. 24.00
No. 3398—16 jewel, Lady Waltham..... 29.00

Cases Only.

No. 3399—6 size, hunting, engraved, guaranteed to wear for 20 years..each $11.00

Watches Complete.

CASE NO. 3399, WITH MOVEMENT NAMED BELOW.

No. 3400— 7 jewel, Elgin or Waltham.. $20.00
No. 3401—15 jewel, Elgin or Waltham.. 22.00
No. 3402—16 jewel, Lady Waltham..... 27.00

20 YEAR GOLD FILLED LADIES' WATCHES.

O SIZE.

Full Size Cuts.

Cases Only.

No. **3403**—0 size, hunting, engraved, guaranteed to wear for 20 years....each $8.30

Watches Complete.

CASE NO. 3403, WITH MOVEMENT NAMED BELOW.

No. **3404**— 7 jewel, Elgin or Waltham.. $19.30
No. **3405**—15 jewel, Elgin or Waltham.. 24.30
No. **3406**—16 jewel, Lady Waltham..... 33.30

Cases Only.

No. **3407**—0 size, open face, engraved, guaranteed to wear for 20 years...each $6.30

Watches Complete.

CASE NO. 3407, WITH MOVEMENT NAMED BELOW.

No. **3408**— 7 jewel, Elgin or Waltham.. $17.30
No. **3409**—15 jewel, Elgin or Waltham.. 22.30
No. **3410**—16 jewel, Lady Waltham..... 31.30

Cases Only.

No. **3411**—0 size, hunting, engraved, guaranteed to wear for 20 years...each $8.30

Watches Complete.

CASE NO. 3411, WITH MOVEMENT NAMED BELOW.

No. **3412**— 7 jewel, Elgin or Waltham.. $19.30
No. **3413**—15 jewel, Elgin or Waltham.. 24.30
No. **3414**—16 jewel, Lady Waltham..... 33.30

Cases Only.

No. **3415**—0 size, hunting, engraved, guaranteed to wear for 20 years...each $10.00

Watches Complete.

CASE NO. 3415, WITH MOVEMENT NAMED BELOW.

No. **3416**— 7 jewel, Elgin or Waltham.. $21.00
No. **3417**—15 jewel, Elgin or Waltham.. 26.00
No. **3418**—16 jewel, Lady Waltham..... 35.00

Cases Only.

No. **3419**—0 size, hunting, engraved, guaranteed to wear for 20 years..each $12.00

Watches Complete.

CASE NO. 3419, WITH MOVEMENT NAMED BELOW.

No. **3420**— 7 jewel, Elgin or Waltham.. $23.00
No. **3421**—15 jewel, Elgin or Waltham.. 28.00
No. **3422**—16 jewel, Lady Waltham..... 37.00

Cases Only.

No. **3423**—0 size, hunting, engraved, guaranteed to wear for 20 years..each $10.00

Watches Complete.

CASE NO. 3423, WITH MOVEMENT NAMED BELOW.

No. **3424**— 7 jewel, Elgin or Waltham.. $21.00
No. **3425**—15 jewel, Elgin or Waltham.. 26.00
No. **3426**—16 jewel, Lady Waltham..... 35.00

25 YEAR GOLD FILLED LADIES' WATCHES.

HUNTING, 6 SIZE.

Full Size Cuts

Cases Only.

No. 3427—6 size, hunting, engraved, guaranteed to wear for 25 years..each $12.50

Watches Complete.

CASE NO. 3427, WITH MOVEMENT NAMED BELOW.

No. 3428— 7 jewel, Elgin or Waltham.. $21.50
No. 3429—15 jewel, Elgin or Waltham.. 23.50
No. 3430—16 jewel, Lady Waltham..... 28.50

Cases Only.

No. 3431—6 size, hunting, engraved, guaranteed to wear for 25 years..each $15.50

Watches Complete.

CASE NO. 3431, WITH MOVEMENT NAMED BELOW.

No. 3432— 7 jewel, Elgin or Waltham.. $24.50
No. 3433—15 jewel, Elgin or Waltham.. 26.50
No. 3434—16 jewel, Lady Waltham..... 31.50

Cases Only.

No. 3435—6 size, hunting, engraved, guaranteed to wear for 25 years..each $12.50

Watches Complete.

CASE NO. 3435 WITH MOVEMENT NAMED BELOW

No. 3436— 7 jewel, Elgin or Waltham.. $21.50
No. 3437—15 jewel, Elgin or Waltham.. 23.50
No. 3438—16 jewel, Lady Waltham..... 28.50

Cases Only.

No. 3439—6 size, hunting, engraved, guaranteed to wear for 25 years..each $13.00

Watches Complete.

CASE NO. 3439, WITH MOVEMENT NAMED BELOW.

No. 3440— 7 jewel, Elgin or Waltham.. $22.00
No. 3441—15 jewel, Elgin or Waltham.. 24.00
No. 3442—16 jewel, Lady Waltham..... 29.00

Cases Only.

No. 3443—6 size, hunting, engraved, guaranteed to wear for 25 years..each $13.00

Watches Complete.

CASE NO. 3443, WITH MOVEMENT NAMED BELOW.

No. 3444— 7 jewel, Elgin or Waltham.. $22.00
No. 3445—15 jewel, Elgin or Waltham.. 24.00
No. 3446—16 jewel, Elgin or Waltham.. 29.00

Cases Only.

No. 3447—6 size, hunting, engraved, guaranteed to wear for 25 years..each $13.00

Watches Complete.

CASE NO. 3447, WITH MOVEMENT NAMED BELOW.

No. 3448— 7 jewel, Elgin or Waltham.. $22.00
No. 3449—15 jewel, Elgin or Waltham.. 24.00
No. 3450—16 jewel, Lady Waltham..... 29.00

25 YEAR GOLD FILLED LADIES' WATCHES.

O SIZE.

ull Size Cuts

Cases Only.

No. 3451—0 size, hunting, engraved, guaranteed to wear for 25 years..each $14.50

Watches Complete.

CASE NO. 3451, WITH MOVEMENT NAMED BELOW.

No. 3452— 7 jewel, Elgin or Waltham.. $25.50
No. 3453—15 jewel, Elgin or Waltham.. 30.50
No. 3454—16 jewel, Lady Waltham..... 39.50

Cases Only.

No. 3455—0 size, open face, plain or engraved, guaranteed to wear for 25 years.....each $9.00

Watches Complete.

CASE NO. 3455, WITH MOVEMENT NAMED BELOW.

No. 3456— 7 jewel, Elgin or Waltham.. $20.00
No. 3457—15 jewel, Elgin or Waltham.. 25.00
No. 3458—16 jewel, Lady Waltham..... 34.00

Cases Only.

No. 3459—0 size, hunting, guaranteed to wear for 25 years, engraved bird with Rose diamond setting.....each $15.50

Watches Complete.

CASE NO. 3459, WITH MOVEMENT NAMED BELOW.

No. 3460— 7 jewel, Elgin or Waltham.. $26.50
No. 3461—15 jewel, Elgin or Waltham.. 31.50
No. 3462—16 jewel, Lady Waltham..... 40.50

Cases Only.

No. 3463—0 size, hunting, engraved, guaranteed to wear for 25 years..each $12.00

Watches Complete.

CASE NO. 3463, WITH MOVEMENT NAMED BELOW.

No. 3464— 7 jewel, Elgin or Waltham.. $23.00
No. 3465—15 jewel, Elgin or Waltham.. 28.00
No. 3466—16 jewel, Lady Waltham..... 37.00

Cases Only.

No. 3467—0 size, hunting, engraved, guaranteed to wear for 25 years..each $12.00

Watches Complete.

CASE NO. 3467, WITH MOVEMENT NAMED BELOW.

No. 3468— 7 jewel Elgin or Waltham .. $23.00
No. 3469—15 jewel, Elgin or Waltham.. 28.00
No. 3470—16 jewel, Lady Waltham..... 37.00

Cases Only.

No. 3471—0 size, hunting, guaranteed to wear for 25 years.....each $12.00

Watches Complete.

CASE NO. 3471, WITH MOVEMENT NAMED BELOW.

No. 3472— 7 jewel, Elgin or Waltham.. $23.00
No. 3473—15 jewel, Elgin or Waltham.. 28.00
No. 3474—16 jewel, Lady Waltham..... 37.00

14 KARAT SOLID GOLD LADIES' WATCHES.

HUNTING, O SIZE.

Full Size Cuts.

Cases Only.

No. 3475—0 size, hunting, 14k. solid gold, handsomely hand engraved.each $22.00

Watches Complete.

CASE NO. 3475, WITH MOVEMENT NAMED BELOW.

No. 3476— 7 jewel, Elgin or Waltham.. $33.00
No. 3477—15 jewel, Elgin or Waltham.. 38.00
No. 3478—16 jewel, Lady Waltham.... 47.00

Cases Only.

No. 3479—0 size, hunting, 14k. solid gold, handsomely hand engraved.each $22.00

Watches Complete.

CASE NO. 3479 WITH MOVEMENT NAMED BELOW.

No. 3480— 7 jewel, Elgin or Waltham.. $33.00
No. 3481—15 jewel, Elgin or Waltham.. 38.00
No. 3482—16 jewel, Lady Waltham.... 47.00

Cases Only.

No. 3483—0 size, hunting, 14k. solid gold, handsomely hand engraved..each $22.00

Watches Complete.

CASE NO. 3483, WITH MOVEMENT NAMED BELOW.

No. 3484— 7 jewel, Elgin or Waltham.. $33.00
No. 3485—15 jewel, Elgin or Waltham.. 38.00
No. 3486—16 jewel, Lady Waltham.... 47.00

Cases Only.

No. 3487—0 size, hunting, 14k. solid gold, handsomely hand engraved.each $26.00

Watches Complete.

CASE NO. 3487, WITH MOVEMENT NAMED BELOW.

No. 3488— 7 jewel, Elgin or Waltham.. $37.00
No. 3489—15 jewel, Elgin or Waltham.. 42.00
No. 3490—16 jewel, Lady Waltham.... 51.00

Cases Only.

No. 3491—0 size, hunting, 14k. solid gold, colored raised gold ornamentations, set with one genuine diamond.....each $37.50

Watches Complete.

CASE NO. 3491, WITH MOVEMENT NAMED BELOW.

No. 3492— 7 jewel, Elgin or Waltham.. $48.50
No. 3493—15 jewel, Elgin or Waltham.. 53.50
No. 3494—16 jewel, Lady Waltham.... 62.50

Cases Only.

No. 3495—0 size, hunting, 14k. solid gold, set with four genuine diamonds, each..... $47.50

Watches Complete.

CASE NO. 3495, WITH MOVEMENT NAMED BELOW.

No. 3496— 7 jewel, Elgin or Waltham.. $58.50
No. 3497—15 jewel, Elgin or Waltham.. 63.50
No. 3498—16 jewel, Lady Waltham.... 72.50

14 KARAT SOLID GOLD LADIES' WATCHES.

HUNTING, 6 SIZE.

Full Size Cuts.

Cases Only.

No. 3499—6 size, hunting, 14k. solid gold, fine landscape engraving...each $28.00

Watches Complete.

CASE NO. 3499, WITH MOVEMENT NAMED BELOW.

No. 3500— 7 jewel Elgin or Waltham.. $37.00
No. 3501—15 jewel, Elgin or Waltham.. 39.00
No. 3502—16 jewel, Lady Waltham..... 44.00

Cases Only.

No. 3503—6 size, hunting, 14k. solid gold, bias engraving.....each $28.00

Watches Complete.

CASE NO. 3503, WITH MOVEMENT NAMED BELOW.

No. 3504— 7 jewel, Elgin or Waltham.. $37.00
No. 3505—15 jewel, Elgin or Waltham.. 39.00
No. 3506—16 jewel, Lady Waltham..... 44.00

Cases Only.

No. 3507—6 size, hunting, 14k. solid gold, engine turned.....each $33.00

Watches Complete.

CASE NO. 3507, WITH MOVEMENT NAMED BELOW.

No. 3508— 7 jewel, Elgin or Waltham.. $42.00
No. 3509—15 jewel, Elgin or Waltham.. 44.00
No. 3510—16 jewel, Lady Waltham..... 49.00

Cases Only.

No. 3511—6 size, hunting, 14k. solid gold, fancy border, landscape engraving.....each $41.50

Watches Complete.

CASE NO. 3511, WITH MOVEMENT NAMED BELOW.

No. 3512— 7 jewel, Elgin or Waltham.. $50.50
No. 3513—15 jewel, Elgin or Waltham.. 52.50
No. 3514—16 jewel, Lady Waltham..... 57.50

Cases Only.

No. 3515—6 size, hunting, 14k. solid gold, raised colored gold ornamentations, set with fine genuine diamond, each..... $46.50

Watches Complete.

CASE NO. 3515, WITH MOVEMENT NAMED BELOW.

No. 3516— 7 jewel, Elgin or Waltham.. $55.50
No. 3517—15 jewel, Elgin or Waltham.. 57.50
No. 3518—16 jewel, Lady Waltham..... 62.50

Cases Only.

No. 3519—6 size, hunting, 14k. solid gold, fancy engraved border, escalloped center, set with fine genuine diamond.....each $51.00

Watches Complete.

CASE NO. 3519, WITH MOVEMENT NAMED BELOW.

No. 3520— 7 jewel, Elgin or Waltham.. $60.00
No. 3521—15 jewel, Elgin or Waltham.. 62.00
No. 3522—16 jewel, Lady Waltham..... 67.00

14 KARAT SOLID GOLD WATCHES.

MEN'S AND BOYS', HUNTING AND OPEN FACE, 12 SIZE, THIN MODEL.

Full Size Cuts.

Cases Only.

	HUNTING.	OPEN FACE.
No. 3523—12 size, hunting or open face, 14k. solid gold, engine turned.....each	$35.00	33.50

Watches Complete.

CASE NO. 3523, WITH MOVEMENT NAMED BELOW.

	HUNTING.	OPEN FACE.
No. 3524— 7 jewel, Elgin or Waltham.....	$45.00	43.50
No. 3525—15 jewel, Elgin or Waltham.....	49.00	47.50
No. 3526—17 jewel, Elgin or Waltham.....	53.00	51.50
No. 3527—19 jewel, adjusted, Elgin.....	84.00	82.50
No. 3528—23 jewel, adjusted, Elgin.....	135.00	133.50

When ordering, please be particular to state whether hunting or open face is wanted.

Cases Only.

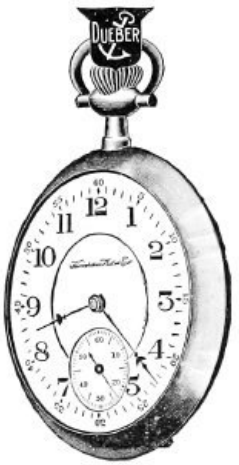
	HUNTING.	OPEN FACE.
No. 3541—12 size, hunting or open face, 14k. solid gold, fancy landscape engraving..$54.00		46.00

Watches Complete.

CASE NO. 3541, WITH MOVEMENT NAMED BELOW.

	HUNTING	OPEN FASE.
No. 3542— 7 jewel, Elgin or Waltham.....	$64.00	56.00
No. 3543—15 jewel, Elgin or Waltham.....	68.00	60.00
No. 3544—17 jewel, Elgin or Waltham.....	72.00	64.00
No. 3545—19 jewel, adjusted, Elgin.....	103.00	95.00
No. 3546—23 jewel, adjusted, Elgin.....	154.00	146.00

When ordering, please be particular to state whether hunting or open face is wanted.



Cases Only.

No. 3529—12 size, open face, 14k., solid gold, plain polish or roman.....each $33.00

Watches Complete.

CASE NO. 3529, WITH MOVEMENT NAMED BELOW.

No. 3530— 7 jewel, Elgin or Waltham..	$43.00
No. 3531—15 jewel, Elgin or Waltham..	47.00
No. 3532—17 jewel, Elgin or Waltham..	51.00
No. 3533—19 jewel, adjusted, Elgin....	82.00
No. 3534—23 jewel, adjusted, Elgin....	133.00

Cases Only.

	HUNTING.	OPEN FACE.
No. 3547—12 size, hunting or open face, 14k. solid gold, fancy moire design.....$56.00		$48.00

Watches Complete.

CASE NO. 3547, WITH MOVEMENT NAMED BELOW.

	HUNTING.	OPEN FACE.
No. 3548— 7 jewel, Elgin or Waltham.....	$66.00	58.00
No. 3549—15 jewel, Elgin or Waltham.....	70.00	62.00
No. 3550—17 jewel, Elgin or Waltham.....	74.00	66.00
No. 3551—19 jewel, adjusted, Elgin.....	105.00	97.00
No. 3552—23 jewel, adjusted, Elgin.....	156.00	148.00

When ordering, please be particular to state whether hunting or open face is wanted.

Cases Only.

	HUNTING.	OPEN FACE.
No. 3535—12 size, hunting or open face, 14k. solid gold, plain or roman finish.....each	$35.00	33.50

Watches Complete.

CASE NO. 3535, WITH MOVEMENT NAMED BELOW.

	HUNTING.	OPEN FACE.
No. 3536— 7 jewel, Elgin or Waltham.....	$45.00	43.50
No. 3537—15 jewel, Elgin or Waltham.....	49.00	47.50
No. 3538—17 jewel, Elgin or Waltham.....	53.00	51.50
No. 3539—19 jewel, adjusted, Elgin.....	84.00	82.50
No. 3540—23 jewel, adjusted, Elgin.....	135.00	133.50

When ordering, please be particular to state whether hunting or open face is wanted.

Cases Only.

No. 3553—12 size, hunting, 14k. solid gold, monogram case.....each $59.00

Watches Complete.

CASE NO. 3553, WITH MOVEMENT NAMED BELOW.

No. 3554— 7 jewel, Elgin or Waltham..	$ 69.00
No. 3555—15 jewel, Elgin or Waltham..	73.00
No. 3556—17 jewel, Elgin or Waltham..	77.00
No. 3557—19 jewel, Elgin.....	108.00
No. 3558—23 jewel, Elgin.....	159.00

14 KARAT SOLID GOLD MEN'S WATCHES.

16 AND 18 SIZES.

Full Size Cuts.

Cases Only.

	HUNTING.	OPEN FACE.
No. 3559—16 size, 14k. solid gold, heavy weight, engine turned or plain polished, each	$54.50	45.00

Watches Complete.

CASE NO. 3559, WITH MOVEMENT NAMED BELOW.

	HUNTING	OPEN FACE
No. 3560— 7 jewel, Elgin or Waltham	$64.50	55.00
No. 3561—15 jewel, Elgin or Waltham	68.50	59.00
No. 3562—17 jewel, Elgin or Waltham	72.50	63.00
No. 3563—17 jewel, adjusted Elgin or Waltham	77.50	68.00
No. 3564—23 jewel, adjusted Waltham		

No. 3564—Write for price.

When ordering, please be particular to state whether hunting or open face is wanted.

Cases Only.

No. 3565—16 size, hunting, 14 k. solid gold, heavy weight, fancy engraved . . . each $55.50

Watches Complete.

CASE NO. 3565, WITH MOVEMENT NAMED BELOW.

No. 3566— 7 jewel, Elgin or Waltham	$65.50
No. 3567—15 jewel, Elgin or Waltham	69.50
No. 3568—17 jewel, Elgin or Waltham	73.50
No. 3569—17 jewel, adjusted, Elgin or Waltham	78.50
No. 3570—23 jewel, adjusted, Waltham	

No. 3570—Write for price.

Cases Only.

	HUNTING	OPEN FACE.
No. 3577—18 size, 14k. solid gold, engine turned, heavy weight, each	$65.00	56.00

Watches Complete.

CASE NO. 3577, WITH MOVEMENT NAMED BELOW.

	HUNTING.	OPEN FACE.
No. 3578— 7 jewel, Elgin or Waltham	$73.00	64.00
No. 3579—15 jewel, Elgin or Waltham	75.00	66.00
No. 3580—17 jewel, Elgin or Waltham	77.00	68.00
No. 3581—17 jewel, adjusted, Elgin or Waltham	81.00	72.00
No. 3582—23 jewel, adjusted, Elgin or Waltham		

No. 3582—Write for price.

When order... particular to... hunting or op... wanted.

...ing, please be... state whether... en face is...

Cases Only.

No. 3583—18 size, hunting, 14k. solid gold, fancy engraved, heavy weight, each . . . $67.00

Watches Complete.

CASE NO. 3583, WITH MOVEMENT NAMED BELOW.

No. 3584— 7 jewel, Elgin or Waltham	$75.00
No. 3585—15 jewel, Elgin or Waltham	77.00
No. 3586—17 jewel, Elgin or Waltham	79.00
No. 3587—17 jewel, adjusted, Elgin or Waltham	83.00
No. 3588—23 jewel, adjusted, Waltham	

No. 3588—Write for price.

Cases Only.

No. 3571—16 size, hunting, 14k. solid gold, heavy weight, fancy engraved, each . . . $56.00

Watches Complete.

CASE NO. 3571, WITH MOVEMENT NAMED BELOW.

No. 3572— 7 jewel, Elgin or Waltham	$66.00
No. 3573—15 jewel, Elgin or Waltham	70.00
No. 3574—17 jewel, Elgin or Waltham	74.00
No. 3575—17 jewel, adjusted, Elgin or Waltham	79.00
No. 3576—23 jewel, adjusted, Waltham	

No. 3576—Write for price.

Cases Only.

No. 3589—16 size, hunting, 14k. solid gold, very heavy, raised colored gold ornamentations, set with fine diamond . . . each $142.50

Watches Complete.

CASE NO. 3589, WITH MOVEMENT NAMED BELOW.

No. 3590— 7 jewel, Elgin or Waltham	$152.50
No. 3591—15 jewel, Elgin or Waltham	156.50
No. 3592—17 jewel, Elgin or Waltham	160.50
No. 3593—17 jewel, adjusted, Elgin or Waltham	165.50
No. 3594—23 jewel, adjusted, Waltham	

No. 3594—Write for price.

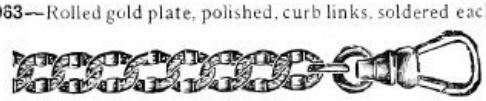
WATCH CHAINS.

MEN'S.

No. 5957—Rolled gold plate, polished, trace links, soldered each $1.60

No. 6851—Rolled gold plate, polished, links, soldered each $1.60

No. 5963—Rolled gold plate, polished, curb links, soldered each $1.65

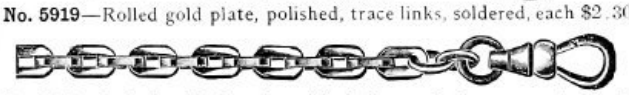


No. 5967—Rolled gold plate, chased, single curb links, soldered, each $1.00

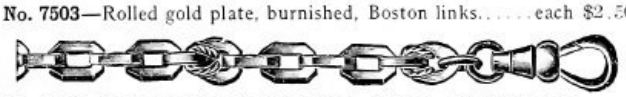
No. 5964—Rolled gold plate, polished, curb links, soldered..each $2.00

No. 5918—Rolled gold plate, polished, heavy curb links, soldered, each..... $2.00

No. 5919—Rolled gold plate, polished, trace links, soldered, each $2.30

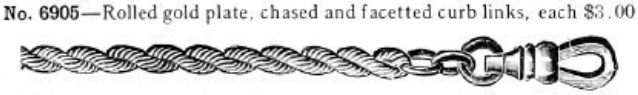


No. 7503—Rolled gold plate, burnished, Boston links.....each $2.50

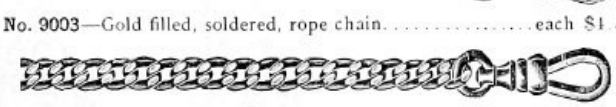


No. 7490—Rolled gold plate, burnished, Boston and California links..... each $2.70

No. 6905—Rolled gold plate, chased and facetted curb links, each $3.00



No. 9003—Gold filled, soldered, rope chain.....each $4.50



No. 9116—Gold filled, flat, soldered curb links.....each $4.50

No. 9130—Gold filled, fancy links.....each $7.00

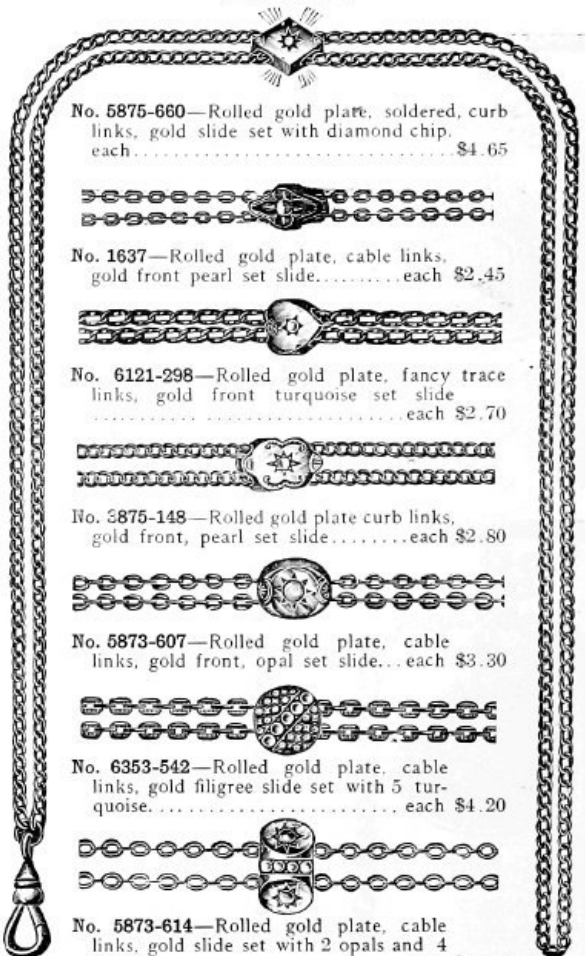
No. 5786

No. 9027—Gold filled, two strand soldered curb links, hand engraved, gold front slide.....each $7.70

No. 5783—Gold filled, hand chased and faceted, soldered, curb links..... each 5.50

These Vest-Chains are 11 to 12 inches in length and complete with Bar, Toggle, Charm and Swivel like cut No. 5786 and are guaranteed to give satisfaction to the wearer.

LADIES'.



No. 5875-660—Rolled gold plate, soldered, curb links, gold slide set with diamond chip, each..... $4.65

No. 1637—Rolled gold plate, cable links, gold front pearl set slide.....each $2.45

No. 6121-298—Rolled gold plate, fancy trace links, gold front turquoise set slide .....each $2.70

No. 5875-148—Rolled gold plate curb links, gold front, pearl set slide.....each $2.80

No. 5873-607—Rolled gold plate, cable links, gold front, opal set slide...each $3.30

No. 6353-542—Rolled gold plate, cable links, gold filigree slide set with 5 turquoise..... each $4.20

No. 5873-614—Rolled gold plate, cable links, gold slide set with 2 opals and 4 pearls.....each $4.45

No. 7533-716.

No. 5777-982.

No. 7533-716—Rolled gold plate, curb links, gold slide set with 1 opal and 10 pearls.....each $4.60

No. 5777-982—Gold filled curb links, gold slide set with 3 pearls, each 5.85

No. 5595-81.

No. 7506-964.

No. 5595-81—Gold filled, cable links, gold, pearl set slide....each $5.70

No. 7506-964—Gold filled, cable links, gold filigree slide..... " 6.70

No. 8906-1047.

No. 8252-966.

No. 8906-1047—Gold filled, flat curb links, gold slide set with 2 rubies and 4 pearls.....each $10.70

No. 8252-966—Gold filled, heavy curb links, gold pearl set slide, each..... 8.60

No. 1247-839—Gold filled rope chain, gold, pearl set slide,....each $9.65

These Guard or Lorgnette Chains are all 48 inches long. All have soldered links, and are complete with slide and swivel as per cut No. 5875-660 and guaranteed to give satisfaction.

WATCH CHAINS.

Guaranteed to give absolute satisfaction, each chain complete with Bar, Toggle swivel, charm, etc.

TWO POCKET.

No. 6253.

No. 9147.

No. 9146.

No. 6253—Rolled gold plate, soldered curb links, seal charm, length 15 in ..... each $2.80
No. 9147—Gold filled, cable links, seal charm, length 15 in ..... " 5.00
No. 9146—Gold filled, flat curb links, soldered, real cut stone charm (cut shows chain complete) ..... each 5.25

No. 9171.

No. 9157.

No. 9171—Gold filled, soldered, rope pattern, real cut stone charm, length 15 in ..... each $6.40
No. 9157—Gold filled, fancy curb links, soldered, polished gold filled signet charm ..... each 7.00

TWO POCKET AND LAPEL OR PONY VEST.

No. 8988.

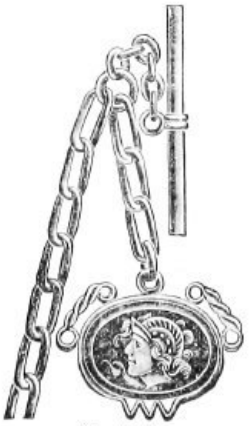
No. 4950.

No. 8988—Gold filled, flat curb links soldered, two pocket, length 15 in ..... each $4.50
No. 4950—Gold filled, Boston links, two pocket, length 15 in .. " 5.20

No. 7787.

No. 6696

No. 7787—Gold filled, soldered, rope pattern, two pocket, length 15 in ..... each $5.50
No. 6696—Rolled gold plated, lapel or pony vest, cable links, seal charm, length 8 in ..... each 1.75



No. 6695

No. 6694.

No. 6654.

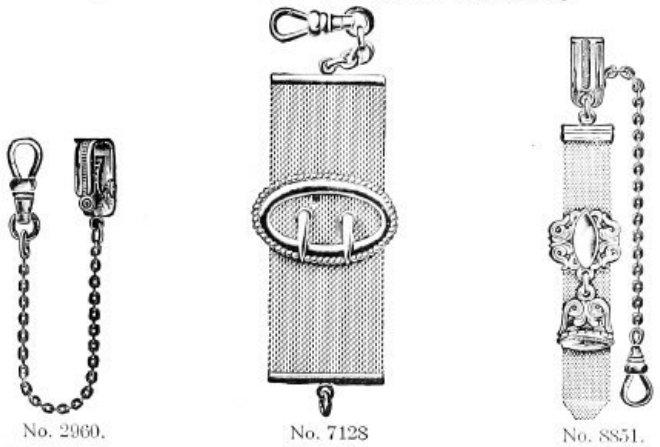
No. 6695—Rolled gold plate, soldered trace links, seal charm, lapel or pony vest, length 8 in ..... each $1.85
No. 6694—Rolled gold plate, soldered curb links, lapel or pony vest, seal charm, length 8 in ..... each 2.00
No. 6654—Gold filled, soldered, rope pattern, lapel or pony vest, length 8 in ..... each 4.70

WATCH FOBS.

Two-thirds Size Cuts.

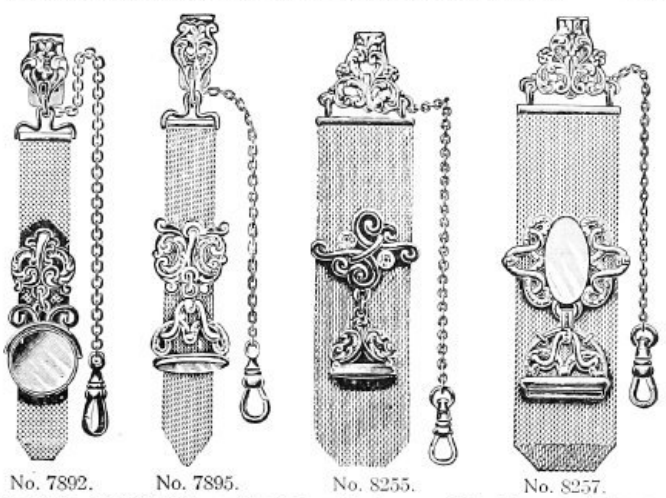
LADIES' OR MEN'S.

High Grade Gold Filled, Woven Wire, Best Workmanship.



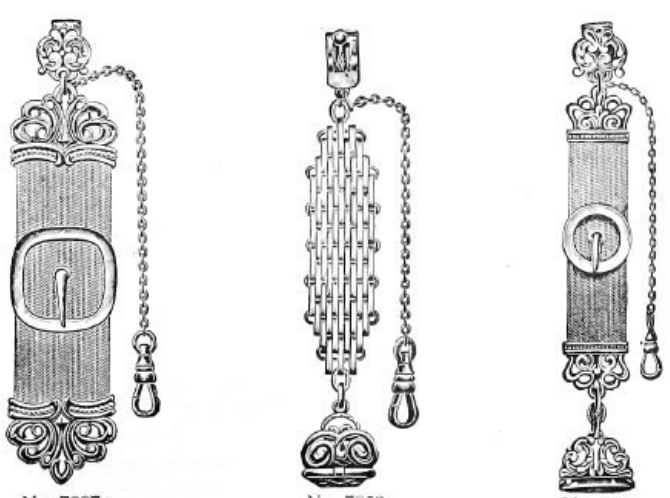
No. 2960. No. 7128 No. 8851.

No. 2960—Safety fob attachment.....each $1.25
No. 7128—$4\frac{1}{2} \times 1$ in., with buckle..... " 3.90
No. 8851—$3\frac{3}{4} \times 1\frac{1}{2}$ in., safety fob, with charm and buckle .... " 5.00



No. 7892. No. 7895. No. 8255. No. 8257.

No. 7892—$3\frac{3}{4} \times \frac{1}{2}$ in., safety fob, with charm and buckle...each $6.00
No. 7895—$3\frac{3}{4} \times 1\frac{1}{2}$ in., safety fob, with charm and buckle ... " 6.00
No. 8255—$4\frac{1}{4} \times 1$ in., safety fob, with charm and buckle.... " 6.50
No. 8257—$4\frac{1}{4} \times 1$ in., safety fob, with amber charm and buckle " 7.20

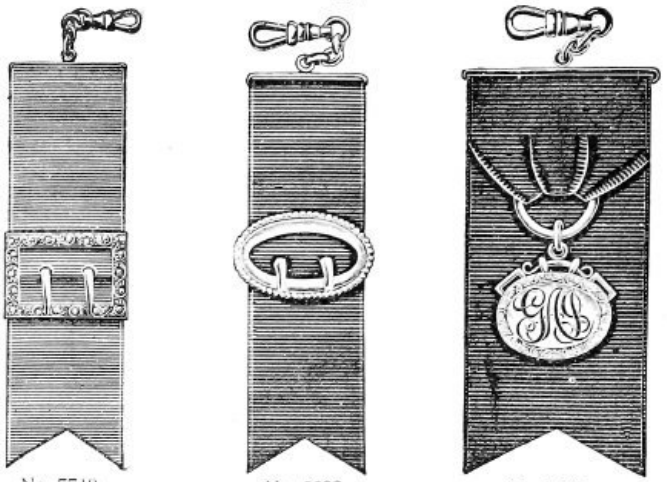


No. 7887. No. 7853. No. 7883.

No. 7887—$4\frac{3}{4} \times 1$ in., safety fob, with buckle .....each $7.50
No. 7853—$4\frac{1}{2} \times \frac{3}{4}$ in., safety fob, with amethyst charm..... " 8.00
No. 7883—$5\frac{1}{2} \times \frac{11}{16}$ in., safety fob, with charm and buckle .... " 8.00

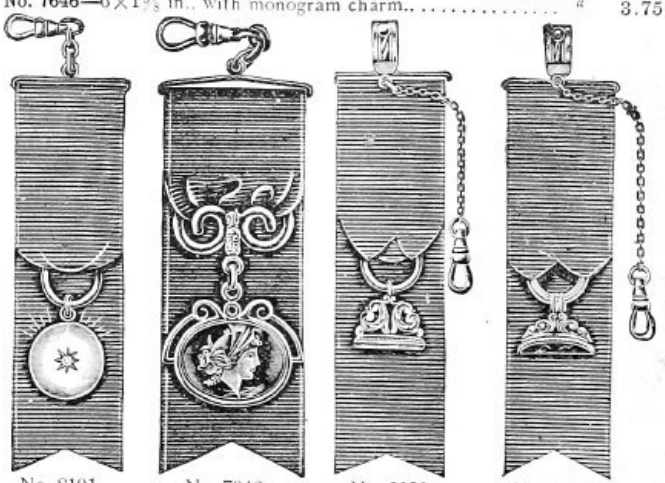
MEN'S SILK RIBBON.

Gold Filled Mountings, Best Workmanship.



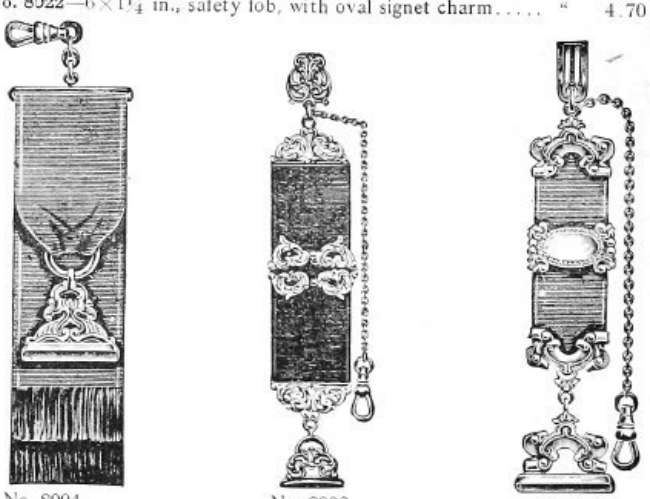
No. 7749. No. 6622. No. 7646.

No. 7749—$6 \times 1\frac{1}{4}$ in., with buckle .....each $1.75
No. 6622—$6 \times 1\frac{1}{4}$ in., with buckle..... " 2.50
No. 7646—$6 \times 1\frac{5}{8}$ in., with monogram charm..... " 3.75



No. 8101. No. 7046. No. 8023. No. 8022.

No. 8101—$6 \times 1\frac{1}{4}$ in., two picture locket, with setting.....each $3.40
No. 7046—$6 \times 1\frac{1}{4}$ in., real cut stone charm ..... " 4.10
No. 8023—$6 \times 1\frac{1}{4}$ in., safety fob, with signet charm..... " 4.35
No. 8022—$6 \times 1\frac{1}{4}$ in., safety fob, with oval signet charm..... " 4.70



No. 8904. No. 8008. No. 8935.

No. 8904—$6\frac{1}{2} \times 1\frac{1}{4}$ in., signet charm.....each $4.85
No. 8008—$5\frac{1}{2} \times 1$ in., safety fob, with charm and buckle... " 6.00
No. 8935—$5\frac{1}{2} \times \frac{3}{4}$ in., safety fob, with signet charm and buckle " 8.85

LOCKETS AND BRACELETS.

LOCKETS.

Fine Quality Gold Filled Two Picture Lockets, Cuts Show Two-thirds Size.

No. 19

No. 175.

No. 55.

No. 19—Polished, satin or Roman finish.....each $1.70
No. 175—Polished, satin or Roman finish..... " 1.85
No. 55—Polished, satin or Roman finish..... " 1.90

No. 7.

No. 46.

No. 16.

No. 7—Polished, satin or Roman finish.....each $2.20
No. 46—Polished, satin or Roman finish, one brilliant..... " 2.60
No. 16—Polished, satin or Roman finish..... " 2.70

No. 336

No. 286.

No. 288.

No. 336—Roman finish, three settings.....each $3.00
No. 286—Polished, one brilliant setting..... " 3.10
No. 288—Polished, one brilliant setting..... " 3.10

No. 209.

No. 23.

No. 184.

No. 202.

No. 209—Rich rose gold front, Roman back.....each $3.25
No. 23—Roman, ten brilliant settings..... " 3.35
No. 184—Polished, satin or Roman finish..... " 3.35
No. 202—Polished, Masonic emblem..... " 3.35
Any other emblem to order.

No. 137.

No. 166.

No. 344.

No. 221.

No. 137—Raised Elk's head in concave, rose finish, front, Roman back, eyes set with brilliants.....each $3.45
No. 166—Rose gold front, Roman back, one brilliant setting.. " 3.75
No. 344—Rose gold front, Roman back, six brilliant settings .. " 4.00
No. 221—Rose gold front, Roman back..... " 4.25

No. 89.

No. 216.

No. 141.

No. 89—Roman, thirteen brilliant settings,.....each $4.50
No. 216—Rose, Roman and bright finish, five brilliant settings. " 4.65
No. 141—Polished, opens on side..... " 6.00

BRACLETS.

High Grade Gold Filled, Patent Safety Lock, Strongly Made and Nicely Finished, Cuts Show Two-thirds Size.

No. 8112.

No. 8466.

No. 8112—Polished or Roman finish.....each $4.50
No. 8466—Polished or English finish, set with three olivines... " 5.00

No. 8797.

No. 8378.

No. 8797—Polished or Roman finish, heavy.....each $5.50
No. 8378—Rose gold finish, five ruby settings..... " 5.70

No. 8366.

No. 8377.

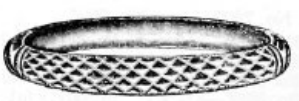
No. 8366—Rose gold finish, seven olivine settings.....each $6.00
No. 8377—Rose gold finish, five olivine settings..... " 6.00

No. 8356.

No. 8392.

No. 8356—Rose gold finish, three turquoise settings.....each $6.00
No. 8392—Signet, polished or rose gold finish..... " 6.70

No. 8343.


No. 8552.

No. 8343—Polished or English finish, hand chased.....each $7.00
No. 8552—Polished or Roman finish, hand chased, half round . " 7.00

No. 8887.

No. 8560.

No. 8887—Polished English or Roman finish.....each $8.00
No. 8560—English finish, hand engraved..... " 8.00

No. 8822.

No. 8826

No. 8822—Polished, Roman or English finish.....each $ 8.00
No. 8826—English or Roman finish, hand engraved, heavy.. " 10.50

When ordering be particular to specify finish, where an article may be had in more than one finish.

MEN'S GOLD FILLED DICKENS VEST CHAINS.

Full Size Cuts.

No. 1280—Curb, rolled plate, soldered links, each $1.50

No. 1278—Boston, soldered links, each, - $2.50

No. 1276—Fancy trace, soldered links, - each $3.00

No. 1277—Rope, each, - $3.00

No. 1279—Flattened curb, soldered links, opal set in slide, each $4.00

No. 1282—Boston, soldered links, each, - $4.00

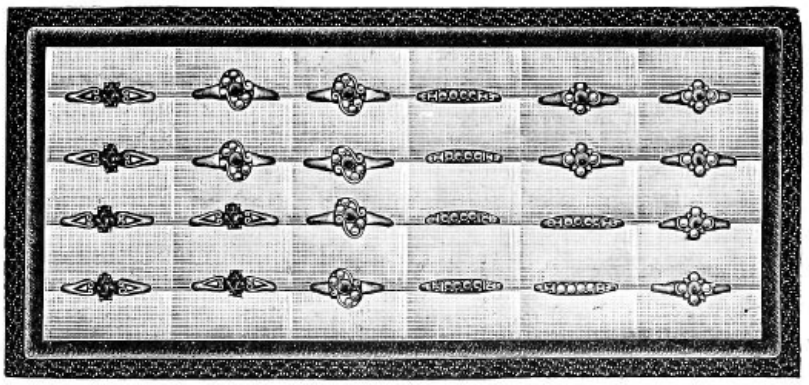
No. 1284—Curb, double strand, soldered links, each, - $4.50

No. 1285—Fancy, soldered links, chased, - each $5.00

No. 1281—Rope, each, - $6.00

No. 1283—Flattened curb, soldered links, each $6.25

GOLD FILLED RINGS.



Half Size Cut.

No. 1327—Assortment consisting of two dozen children's and misses' 14k. filled rings, assorted stone settings, emeralds, rubies, turquoise and pearls, in a handsome leatherette box 9×4¼ in., - - - - - - - - - - - - per assortment $9.00

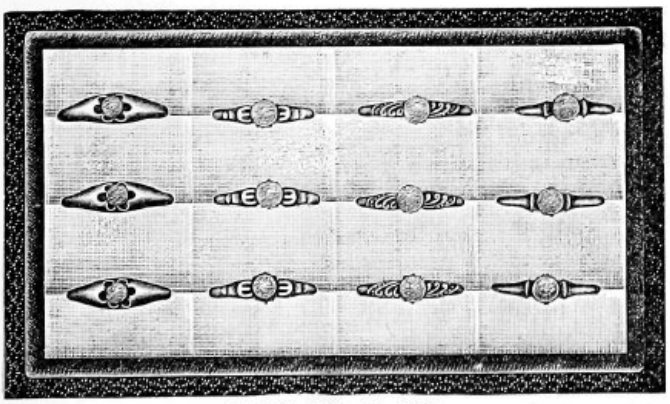
Beautiful settings, rich designs, superior in quality and workmanship. Made by a patent process which consists in swedging, making the ring absolutely seamless and smooth, giving every appearance of a solid gold ring set with expensive gems. Most popular-priced rings, are soldered, having visible seams and rough edges.

GOLD FILLED RINGS.

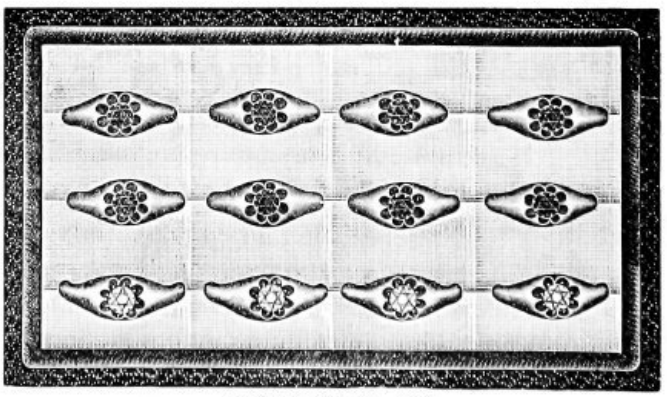
Full Size Cut.

No. 1326—Assortment consisting of one dozen 14k. filled rings, to retail from 75 cents to $1.00 each, assorted stone settings, rubies, turquoise, emerald and amethyst, in handsome leatherette box 5×2½ in., - - - - - - - - - per assortment $9.00

Beautiful settings, rich designs, superior in quality and workmanship. Made by a patent process which consists in swedging, making the ring absolutely seamless and smooth, giving every appearance of a solid gold ring set with expensive gems. Most popular-priced rings are soldered, having visible seams and rough edges.



Half Size Cut No. 1328.



Half Size Cut No. 1329.

No. 1328—Assortment consisting of one dozen 14k. filled ladies' rings, genuine opal settings, in handsome leatherette box 7½×4½ in., per assortment, - $9.00

No. 1329—Assortment consisting of one dozen 14k. filled men's large oval Belcher settings, ruby, emerald and white stone settings, in handsome leatherette box 7½×4½ in., - per assortment 9.00

Beautiful settings, rich designs, superior in quality and workmanship. Made by a patent process, which consists in swedging, making the ring absolutely seamless and smooth, giving every appearance of a solid gold ring set with expensive gems. Most popular-priced rings, are soldered, having visible seams and rough edges.

WATCH CASES.

No. 1339—Plush, assorted colors, 0, 6, 16 or 18 size, per dozen, - - - - - - - - - - $ 6.00

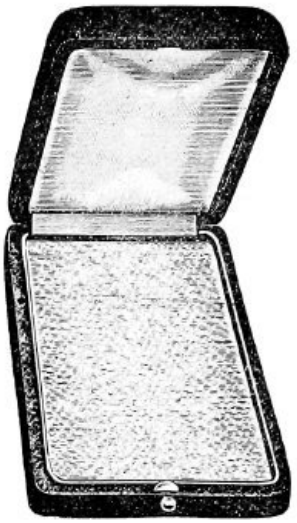
No. 1340—Extra fine quality plush, assorted colors, 0, 6, 16 or 18 size, - - - - - - - per dozen 12.00

In ordering specify size of watch.

No. 1335—Extra quality silk velvet, silk velvet lining, colors red, green or purple, 0, 6, 16 or 18 size, - per dozen $15.00

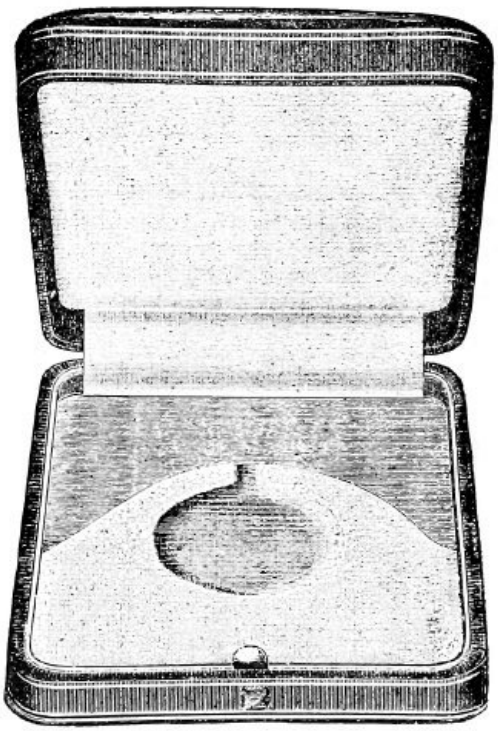
No. 1336—Second quality, otherwise same as No. 1335, per dozen, - - - - - - - - - - 12.00

In ordering specify size of watch.



No. 1332—Extra quality silk velvet, silk velvet lining, for chatelaine watches, - - - - - per dozen $14.00

In ordering specify size of watch.

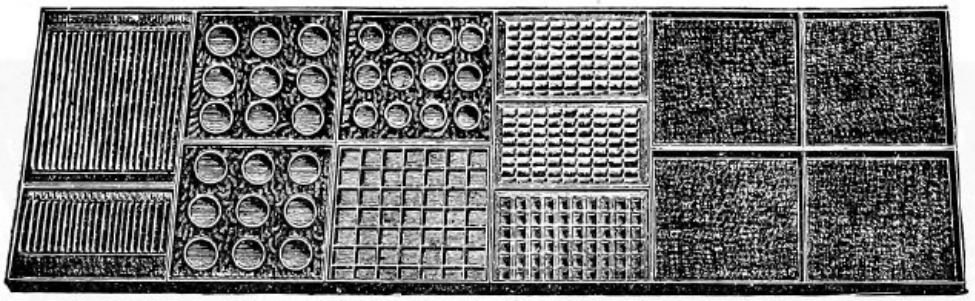


No. 1337—Fine imitation morocco leather, velvet lined, 0, 6, 16 or 18 size, - - - - - - per dozen $ 6.00

No. 1338—Extra quality Russia leather, velvet lined, 0, 6, 16 or 18 size, - - - - - - per dozen 14.00

In ordering specify size of watch.

SHOW CASE TRAYS.



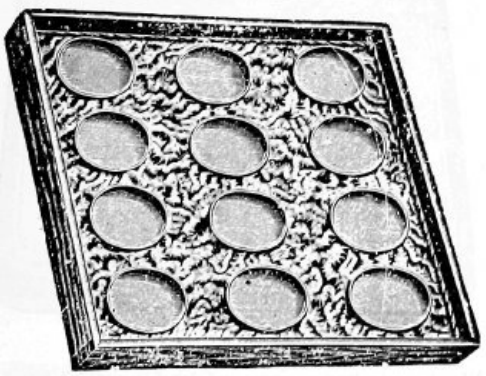
DESCRIPTION.	GRADE A.	GRADE B.	GRADE C.
Plain, 11¾×11¾ in., - - - -	No. 632, each $1.50	No. 432, each $2.20	No. 532, each $3.50
Band rings, 11¾× 5⅞ in., - - - -	No. 624B, " 1.90	No. 424B, " 2.90	No. 524B, " 3.80
Set rings, 11¾× 5⅞ in., - - - -	No. 624S, " 1.90	No. 424S, " 2.90	No. 524S, " 3.80
Band rings, 11¾× 7⅞ in., - - - -	No. 625B, " 2.20	No. 425B, " 3.20	No. 525B, " 4.30
Set rings, 11¾× 7⅞ in., - - - -	No. 625S, " 2.20	No. 425S, " 3.20	No. 525S, " 4.30
Band rings, 11¾×11¾ in., - - - -	No. 626B, " 2.50	No. 426B, " 3.80	No. 526B, " 5.30
Set rings, 11¾×11¾ in., - - - -	No. 626S, " 2.50	No. 426S, " 3.80	No. 526S, " 5.30
Gents' watches, 11¾×11¾ in., puffed, 9 wells, - -	No. 630G, " 2.50	No. 430G, " 3.80	No. 530G, " 5.30
Ladies' watches, 11¾×11¾ in., puffed, 12 wells, - -	No. 630L, " 2.50	No. 430L, " 3.80	No. 530L, " 5.30
Gents' watches, 11¾×11¾ in., partitioned, 16 spaces,	No. 631G, " 2.50	No. 431G, " 3.80	No. 531G, " 5.30
Ladies' watches, 11¾×11¾ in., partitioned, 25 spaces,	No. 631L, " 2.50	No. 431L, " 3.80	No. 531L, " 5.30
Queen chains, 11¾× 7⅞ in., - - - -	No. 645, " 2.20	No. 445, " 3.20	No. 545, " 4.30
Chains, 11¾×11¾ in., - - - -	No. 634, " 2.50	No. 434, " 3.80	No. 534, " 4.80
Chains, 11¾×15½ in., - - - -	No. 635, " 3.00	No. 435, " 4.60	No. 535, " 5.90
Lockets, 5⅞×11¾ in., partitioned, - -	No. 637, " 2.00	No. 437, " 2.90	No. 537, " 4.30
Lockets, 11¾×11¾ in., partitioned, - -	No. 633, " 2.50	No. 433, " 3.80	No. 533, " 4.30
Thimbles, 5⅞×11¾ in., - - - -	No. 628, " 2.20	No. 428, " 3.20	No. 528, " 4.30
Thimbles, 11¾× 7⅞ in., - - - -	No. 629, " 2.50	No. 429, " 3.20	No. 529, " 4.80

GRADE A—Standard, oak or walnut frame, hand polished, plush lining; colors, ruby, purple or peacock blue; made to stack.

GRADE B—Medium grade, oak or walnut frame, fine hand polished, very fine silk plush or medium quality silk velvet linings; colors, ruby, bottle green or purple; made to stack.

GRADE C—Finest grade, birdseye maple or mahogany frame, French hand finish, extra fine quality royal purple, ruby or bottle green silk velvet, or fine black Ottoman silk lining; made to stack.

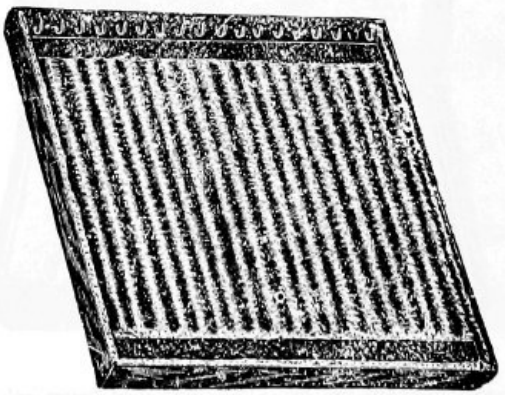
WATCH TRAYS.



No. 1331—11¾×11¾ in., walnut or oak, with red or purple silk plush lining, plain, - - - - each $1.50

No. 1330—11¾×11¾ in., walnut or oak, with red or purple silk plush lining, 12 wells, - - - - each 2.50

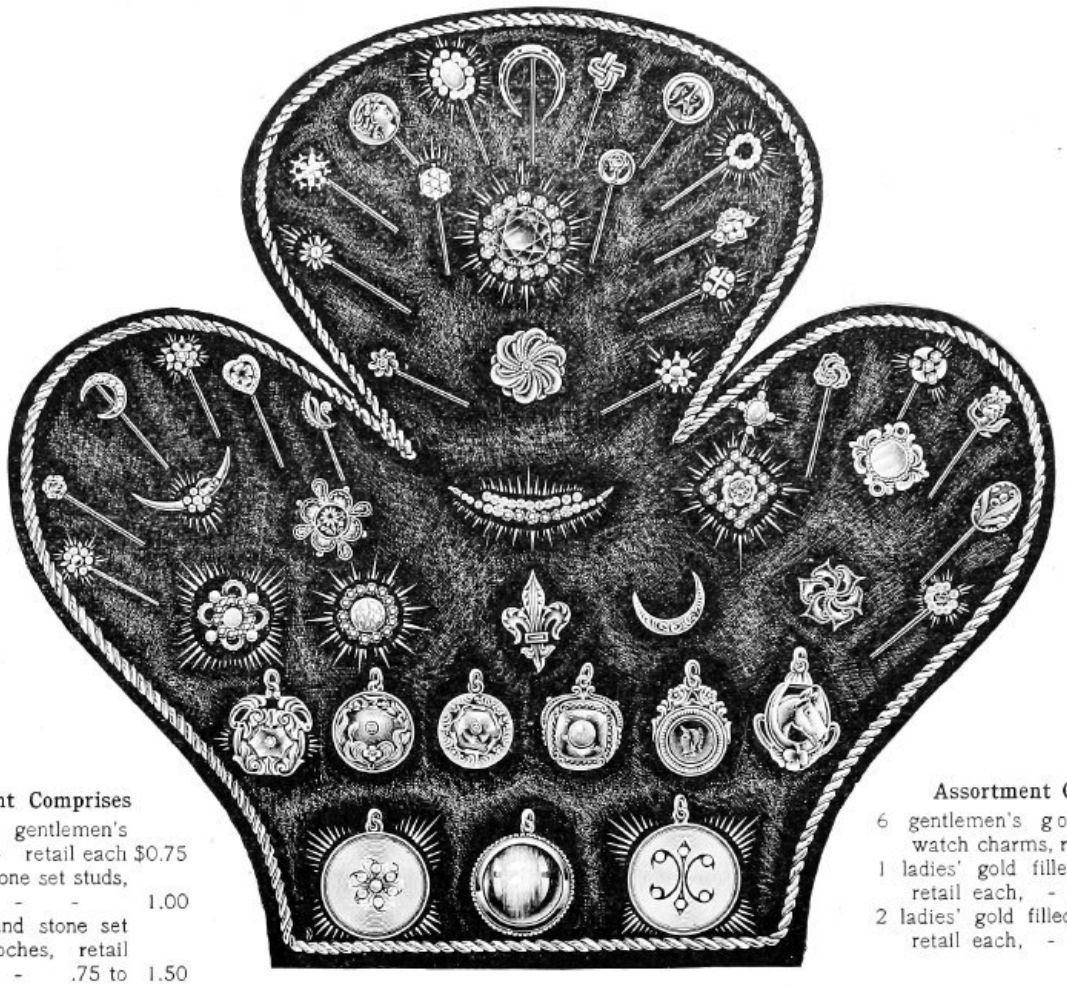
CHAIN TRAYS.



No. 1334—11¾×11¾ in., walnut or oak, with red or purple silk plush lining, plain, - - - - each $1.50

No. 1333—11¾×11¾ in., walnut or oak, with red or purple silk plush lining, raised, - - - - each 2.50

JEWELRY ASSORTMENTS.



Assortment Comprises

24 ladies' and gentlemen's stick pins, - retail each $0.75
2 gentlemen's stone set studs, retail each, - - 1.00
12 gold front and stone set ladies' brooches, retail each, - - .75 to 1.50

Assortment Comprises

6 gentlemen's gold filled watch charms, retail each $0.75
1 ladies' gold filled charm, retail each, - - 1.25
2 ladies' gold filled lockets, retail each, - - .50

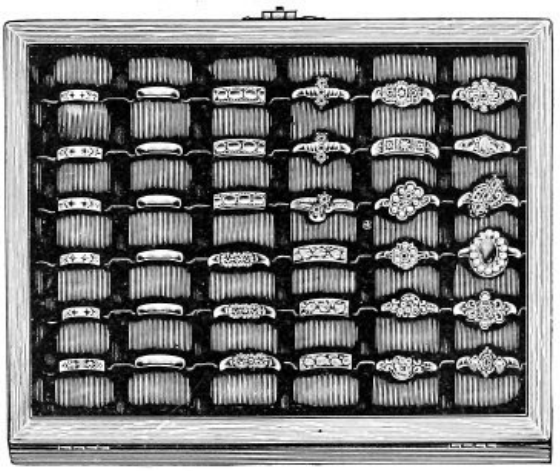
Assortment No. 470—Consisting of 47 assorted 14 karat gold filled articles as described and illustrated above, put up on handsome velvet pad with easel back 13½×12 in., retail value $38.75, - - - - - - - - - - per assortment $39 00

Guaranteed in every particular to give splendid satisfaction.

No. 412—Gentlemen's Chain Assortment, consisting of 12 handsome chains, 12 in. long, guaranteed gold plate, good quality, retail from 75 cents to $1.00 each, in fancy flannel roll, - - - - - - - - - - - - per assortment $10.00

JEWELRY ASSORTMENTS.

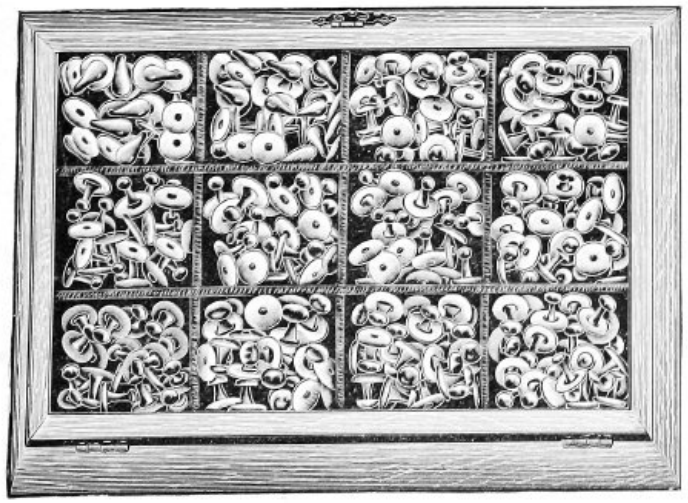
No. 424.



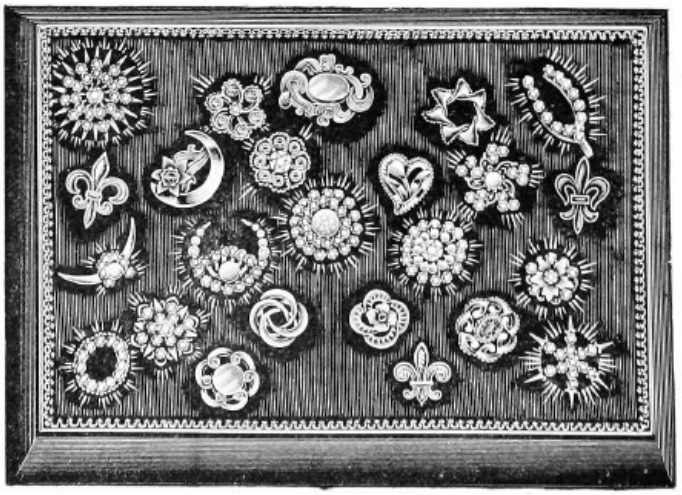
No. 436.

No. 424—Cuff Button Assortment, consisting of 2 dozen pairs of 14 karat gold filled ladies' and gentlemen's cuff buttons, embossed and stone set patterns, put up in a 12¼×7¾ in. oak case, silk lined with glass cover, retail value 75 cents to $1.25 per pair, per assortment, - $26.00

No. 436—Gold Ring Assortment, consisting of 6 children's stone set rings, 6 children's plain rings, 9 misses' rings, stone set and band, and 15 ladies' set rings, all guaranteed solid gold, put up in an 8¼×6½ in. oak case, silk lined with glass cover, retail value from 75 cents to $5.00 each, - - - - - - - - - - - - - - - - per assortment 68.00



No. 444.



No. 434.

No. 444—Collar Button Assortment, consisting of 12 dozen gold plated collar buttons, assorted styles with pearl backs, put up in a 9¾×6¾ in. oak case, velvet lined with glass cover, retail value 15 cents each, - - - - - - - - per assortment $ 9.00

No. 434—Brooch Assortment, consisting of 24 brooches, 14 karat gold filled, guaranteed in every particular, assorted patterns, chatelaine pins solid gold front and a variety of patterns set with finest quality Rhine stones, very brilliant, retail value from $1.00 to $2.00 each. - per assortment 31.00

GUNS, PISTOLS, AMMUNITION

AND

SHOOTERS' SUNDRIES

HIBBARD, SPENCER, BARTLETT & CO.

CHICAGO

1901

BURSTING GUN BARRELS.

It is a very rare case indeed where the bursting of a gun barrel is due to the poor workmanship or material of the gun. Much more often it is found that the shooter himself is entirely responsible, although ignorant of the cause.

To be sure, guns might be made sufficiently strong and thick to resist any possible strain, but they would not answer the purpose, as one wants a light, neat, wieldy gun, not a cannon.

It is not reasonable or just that we should drop a watch on the floor, because it has been dropped without apparent injury. No more is it right, that, because a gun has been shot with dirt, rags, or other substances in the barrel, without bad results, we should continue such practice.

We are handling a dangerous substance, in confined powder, and should "be careful," as the first law of shooting reads. Any one unfamiliar with powder and the handling and cleaning of guns should be doubly careful and strictly guard against the important points enumerated below:

Do not allow any foreign substances to become lodged in the barrel, either through cleaning or carelessness.

Be sure that the cartridges are clean, if they have been carried in a pocket or with other articles.

Keep the choke free from black powder dirt, especially when nitro powder is to be used afterward.

Shot too coarse or too fine, or wads too hard, might make a thin barrel of the best material bulge until a choke bored gun is turned into a cylinder before being noticeable to the user.

Nitro powder should not be used in low grade shells, as the bursting at the breech is almost without exception due to this combination. Foreign guns of the cheaper makes are only intended for the use of black powder.

POWDER SWELLS OR RINGS.

We frequently receive complaints with reference to gun as well as rifle barrels becoming swollen. All experts in the manufacture of firearms agree that in ninety-nine cases out of one hundred, the cause of this damage is due to some obstruction being in the barrel when the gun or rifle is fired. The following was taken from the catalogue of a well known rifle manufacturer:

"Never shoot a rifle, or a weapon of any kind, while there is an obstruction in the barrel, such as a bullet, piece of cloth, dirt, etc. If fired under these conditions, in almost every instance the air is compressed at the point of obstruction, giving a very high pressure at this point, causing the barrel to swell and forming a bulging ring which destroys the accuracy of the barrel. We have seen a .22 caliber barrel, the metal of which was one inch in diameter, so badly swollen that the ring could be felt by passing the finger along the outside of the barrel, when the cartridge used was only the .22 short with its three grains of black powder and 30 grain lead bullet. Sometimes the ring is perfect, extending entirely around the barrel, but more often the obstruction is only partial and the swelling only a section of a ring. In small bores using high pressure military smokeless powders, the pressure induced is sometimes great enough to cut the barrel entirely in two. This accident is an unfortunate one, as it often happens from no fault of the user. The results are characteristic, and so different from any accident resulting from a flaw or seam in the barrel, however, that the cause is always known to an expert, for in no other way can a ring or powder swell be produced.

"If the barrel is badly pitted or has a 'powder swell,' caused by shooting the rifle when there was an obstruction in the barrel, it is impossible to obtain accurate results, or do good strong shooting with the barrel in this condition. Such a barrel cannot be materially improved; the only thing to bring satisfactory results is a new barrel."

Firearm manufacturers invariably refuse to accept any responsibility for damage of this kind, and we therefore cannot replace the arms. Settlement with a customer should not be made under any circumstances until our experts have had a chance to examine the arm and render an opinion as to cause for damage.

GUN REPAIRS.

Almost from the inception of our gun business, we have maintained a gun shop where we employ a corps of skilled mechanics, and are equipped with all necessary tools and machinery for making repairs of every description, choke boring, reboring, etc., as well as the examination of all arms. As many of our customers do not employ a gunsmith, we have been obliged to do a large amount of this class of work for the trade, charging only for the actual time of the workman and the materials used. It is impossible to quote prices intelligently on this class of work without having the arms for examination, but we give you below a list of prices which are simply approximate estimates, but will cover the expense in the majority of cases:

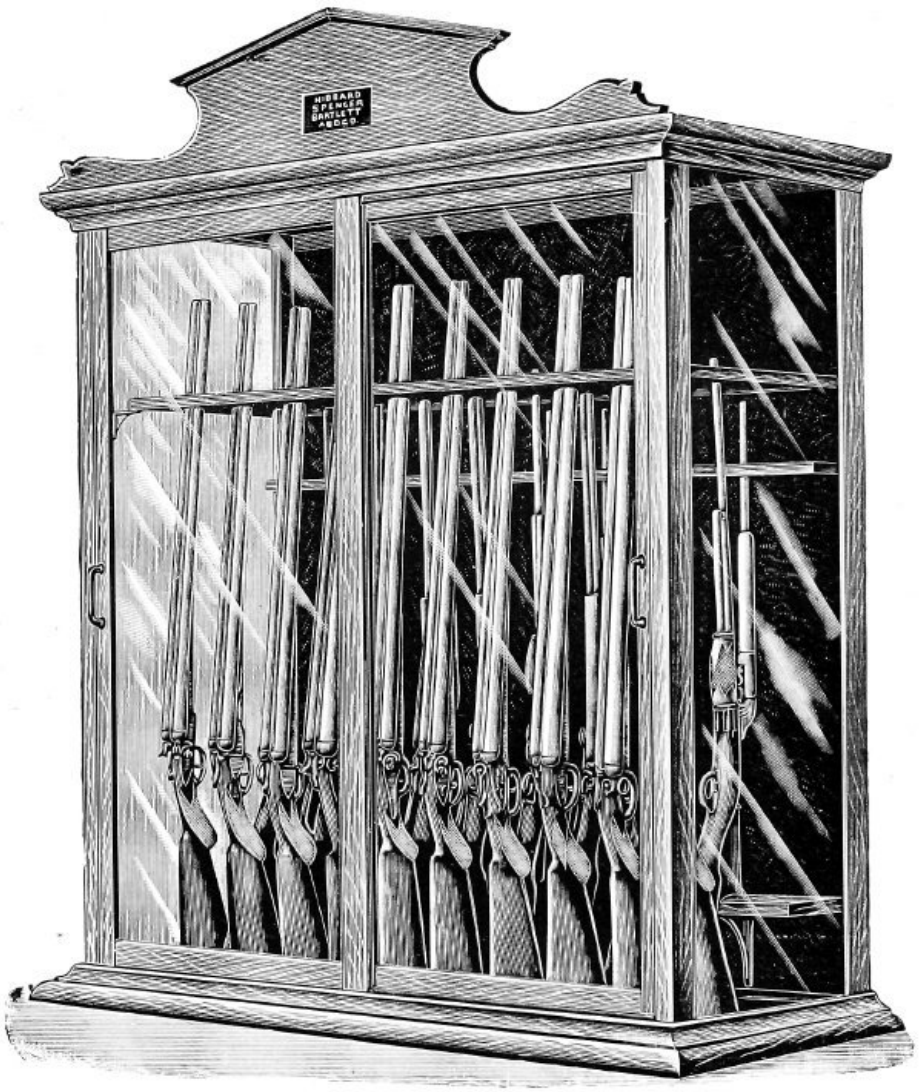
Bending stocks,	each	$ 2.50 to	$ 4.00
Cutting off stocks,	"	1.00 to	2.00
Making new stocks for medium grade imported guns,	each	8.00 to	10.00
Making new stocks for better grade imported, also American guns,	each	10.00 to	12.00
Making new stocks for hammerless guns,	"	10.00 to	20.00
Taking dents out of barrels,	"	2.00 to	4.00
Tightening barrels on action,	"	1.00 to	2.50
Cutting off and reboring barrels,	"	1.50 to	4.00
Reboring barrels to remove pits,	per barrel	1.50 to	3.00
Choke boring barrels, jug choke,	"	1.00 to	1.50
Choke boring barrels, taper choke,	"	1.50 to	2.50
Re-browning barrels,	per pair	3.50 to	5.00
Fore-ends, complete, for medium grade imported guns,	each	4.00 to	5.00
Fore-ends, for guns costing from $20.00 to $40.00,	each	5.00 to	7.50
Hammers made to match samples,	"	1.00 to	2.50
Rubber butt plates,	"	1.00 to	2.00
Extractors,	"	1.50 to	2.50
Top or side levers,	"	1.50 to	2.00
New locks, complete for medium grade imported guns,	per pair	4.00 to	6.00
Plungers made like samples,	each	.35 to	.50
Sears, tumblers, and mainsprings fitted in locks,	"	1.00 to	2.50
Trigger guards,	"	.75 to	1.50
Triggers,	"	.75 to	1.00

It is necessary to have the action of the gun and the old stock when possible, from which to obtain the length and drop when making a new gun stock, and the complete gun in order to fit a new fore-end or extractor. However, in some cases we can get along with the barrels when a new extractor only is required, although it is necessary to guess at the length of the extractor pin in this case.

Parts for Flobert rifles, not being interchangeable, can be supplied from stock only in the rough, and when parts are wanted finished and fitted, it is necessary for us to have the rifle in order to do the work properly. The cost of breech blocks and hammers for Flobert rifles finished and fitted, vary from $1.00 to $1.50 each, the seemingly high price being due to the fact that the parts have to be finished entirely by hand. In sending us guns or parts, do not fail to put your own name and address on the tag, and to write a letter giving full particulars. Failure to do this may be the cause of much unnecessary delay.

RETAIL DEALERS' GUN SHOW CASE.

The Handsomest, Most Convenient and Best Made Show Case Ever Offered.



An Indispensable Fixture for the Sale of Guns.

Made of selected oak, antique oiled finish, sliding doors, lined with black felt.

No. 26—Width at bottom 4 ft. 7 in., width inside 4 ft., depth at bottom 23 in., depth inside 17 in., height without headpiece 4 ft. 8½ in., height inside 4 ft. 5½ in., - - - - - - - - - - - - - - - - - - each $30.00

The finest case ever built for retailing guns and rifles. Spaced for nineteen guns and rifles and seven smaller rifles. Will save its cost in a season, prevent rust, make your store attractive and increase your sales. Adapted for counter, wall, or center of store. We present this as an ideal show case for retailing guns and rifles. It is the result of long experience and suggestions from our customers, and is built for use. You will note from dimensions given above that the case is of convenient size for counter or wall. The depth above the bottom moulding is 20½ in. The extreme height is 5 ft. 7 in. Weight crated 212 lbs.

ALMOST GIVEN AWAY. WRITE US FOR TERMS.

REV-O-NOC HAMMERLESS SHOT GUNS.

AMERICAN MADE.

H.S.B. & CO. REV-O-NOC

H.S.B. & CO. REV-O-NOC

Our Rev-o-noc guns are of the most excellent quality throughout. Very carefully constructed in every detail; accurately hand fitted and adjusted; bored for use of all standard loads of either smokeless or black powder. Frame and action parts are drop-forged from high-grade machinery and tool steel. All are well finished, and are especially designed; thoroughly reliable and fully guaranteed in every respect. They are the best value for the money of any line of guns on the market to-day.

The automatic ejectors are equipped with a new cocking device, and automatic shell ejector, so combined as to reduce parts to the fewest, simplest and strongest possible in an ejector gun. The cocking rods are engaged by hardened steel rollers pivoted in the front circle, and push the hammers back to cock with a short, sharp, easy action with a minimum of friction. The fall of the hammers in firing drives the cocking rod forward against the ejector sear, which dropping into the ejector hammer or kicker retains it until the gun is opened sufficiently for the shell to clear the breech, when it trips by contact with the frame, throwing out the fired shell only.

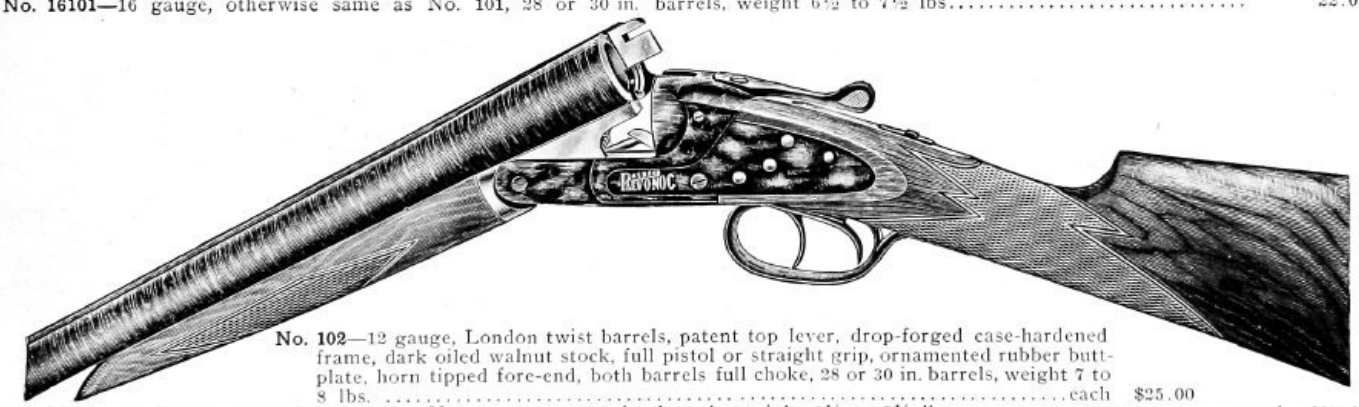
The parts are few and strong, consisting of the hammer, action spring, sear and retaining latch.

A hook in the barrel lug engaging a pin through the frame makes a positive stop when opening, relieving the hinge of practically all strain, affording great rigidity and durability to the action. The stop hook acts also as a positive extractor, pushing the shells well out for the purpose of withdrawing or otherwise, and also in case of defective shell, which may not be ejected automatically.

Sixteen gauge automatic ejector guns can be furnished from the factory direct. Prices same as 12 gauge.

No. 101—12 gauge, fluid steel barrels, patent top lever, drop-forged case-hardened frame, dark oiled walnut stock, full pistol or straight grip, ornamented rubber butt-plate, horn tipped fore-end, both barrels full choke, 28 or 30 in. barrels, weight 7 to 8 lbs.....each $22.00

No. 16101—16 gauge, otherwise same as No. 101, 28 or 30 in. barrels, weight 6½ to 7½ lbs..... " 22.00

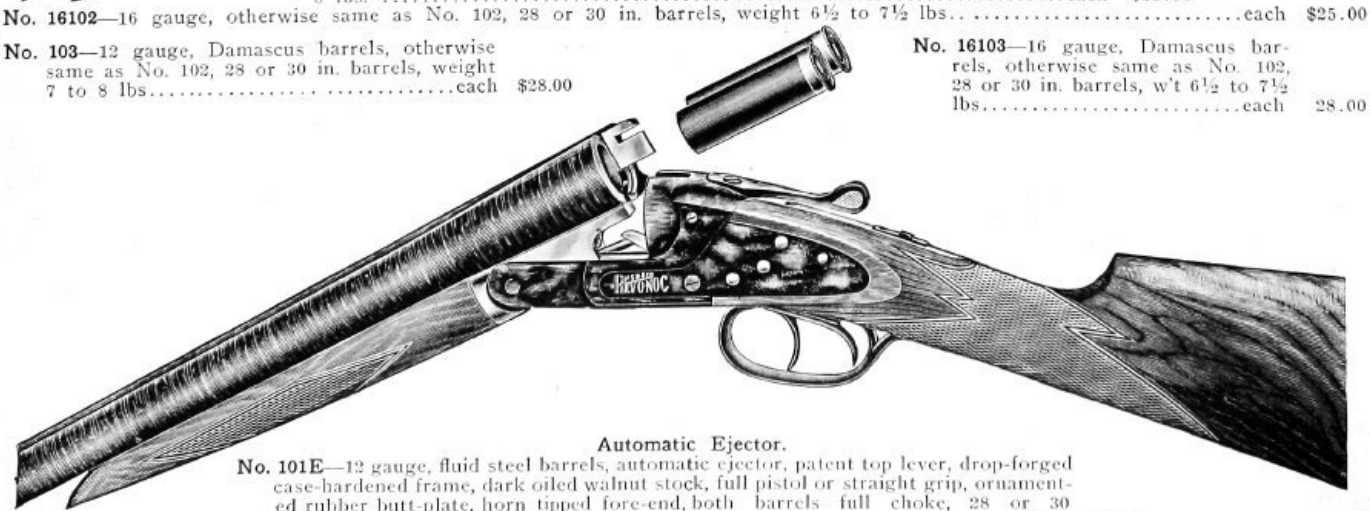


No. 102—12 gauge, London twist barrels, patent top lever, drop-forged case-hardened frame, dark oiled walnut stock, full pistol or straight grip, ornamented rubber butt-plate, horn tipped fore-end, both barrels full choke, 28 or 30 in. barrels, weight 7 to 8 lbs. .....each $25.00

No. 16102—16 gauge, otherwise same as No. 102, 28 or 30 in. barrels, weight 6½ to 7½ lbs.....each $25.00

No. 103—12 gauge, Damascus barrels, otherwise same as No. 102, 28 or 30 in. barrels, weight 7 to 8 lbs.....each $28.00

No. 16103—16 gauge, Damascus barrels, otherwise same as No. 102, 28 or 30 in. barrels, w't 6½ to 7½ lbs.....each 28.00



Automatic Ejector.

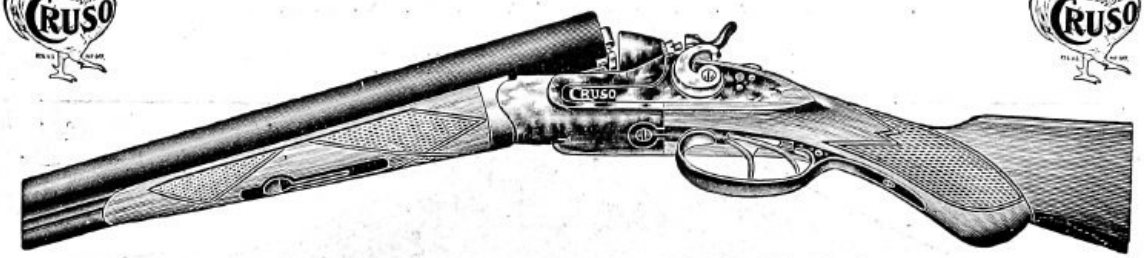
No. 101E—12 gauge, fluid steel barrels, automatic ejector, patent top lever, drop-forged case-hardened frame, dark oiled walnut stock, full pistol or straight grip, ornamented rubber butt-plate, horn tipped fore-end, both barrels full choke, 28 or 30 in. barrels, weight 7 to 8 lbs.....each $32.00

No. 102E—12 gauge, London twist steel barrels, otherwise same as No. 101E, 28 or 30 in. barrels, weight 7 to 8 lbs.....each $35.00

No. 103E—12 gauge, Damascus barrels, otherwise same as No. 101E, 28 or 30 in. barrels, weight 7 to 8 lbs..... " 38.00

Single triggers can be fitted to any of the above guns at $15.00 extra. We do not carry single triggers in stock; they will have to be shipped direct from factory.

CRUSO HAMMER GUNS.



American Machine Made, Choke Bored, for Hard Shooting.

No. 138—12 gauge, genuine armory steel barrels, top snap, rebounding bar locks, concave circular hammers, action and mountings case-hardened, nitro firing pins, flat matted extension rib, half pistol grip, nicely checkered walnut stock, Deeley & Edge fore-end, checkered rubber butt-plate, left barrel full taper choke bored, right barrel modified choke, 30 or 32 in. barrels, weight 7½ to 8½ lbs.	each		$12.50
No. 16138—16 gauge, otherwise same as No. 138, 28 or 30 in. barrels, weight 7 to 7½ lbs.	"		12.50
No. 138N—12 gauge, nickel plated locks and action, otherwise the same as No. 138, 30 or 32 in. barrels, weight 7½ to 8½ lbs.	"		12.50
No. 16138N—16 gauge, nickel plated locks and action, otherwise the same as No. 138, 28 or 30 in. barrels, weight 7 to 7½ lbs.	"		12.50
No. 238—12 gauge, genuine armory steel barrels, water table breech, capped full pistol grip, otherwise same as No. 138, 30 or 32 in. barrels, weight 7½ to 8½ lbs.	each		13.50
No. 16238—16 gauge, otherwise same as No. 238, 28 or 30 in. barrels, weight 7 to 7½ lbs.	"		13.50
No. 38—12 gauge, genuine twist steel barrels, otherwise same as No. 238, 30 or 32 in. barrels, weight 7½ to 8½ lbs.	"		15.00
No. 1633—16 gauge, genuine twist steel barrels, otherwise same as No. 233, 28 or 30 in. barrels, weight 7½ to 8½ lbs.	"		15.00
No. G438—12 gauge, genuine Damascus steel barrels, otherwise same as No. 238, 30 or 32 in. barrels, weight 7½ to 8½ lbs.	"		16.50

CRUSO HAMMERLESS GUNS.

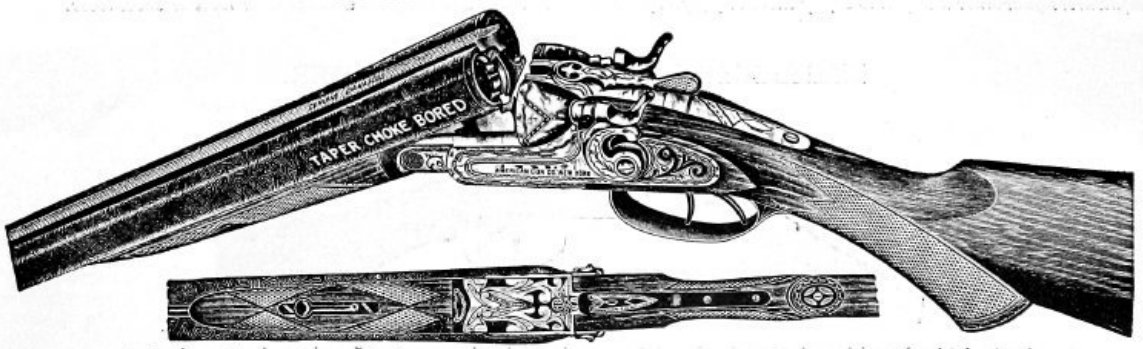
American Machine Made, Bored for Nitro Powders.

No. 48—12 gauge, genuine armory blued steel barrels, patent top lever, drop-forged, case-hardened frame, with nickel plated indicators showing when each barrel has been fired, dark figured walnut stock, full pistol grip, rubber butt-plate, Deeley & Edge patent fore-end, 30 in. barrels, both barrels full choke, weight 7 to 8 lbs.	each		$17.00
No. 1648—16 gauge, otherwise same as No. 48, 28 or 30 in. barrels.	"		17.00
No. 49—12 gauge, genuine twist barrels, otherwise same as No. 48, 30 in. barrels	"		20.00

The manufacturers of this line of hammer and hammerless guns have spared no expense to obtain a gun equal to any on the American market. The symmetrical lines, balance and beautiful finish of this gun are so much superior to other guns of about the same price, that it is necessary to see the gun to appreciate these points. Every part is drop-forged, highly polished and case-hardened. The cocking-mechanism is simple and strong, permitting the cocking of the hammers with no more exertion than is used to open an ordinary hammer gun. The locking-mechanism consists of two bolts so connected with the top lever that a very short throw of the top-lever effects a very long throw of the bolts, and by this patent device we have been able to obtain a deeper bite of the bolts on the barrel lugs than is obtained on any other gun. The two deep seated bolts coupled with the "L" shaped extension rib, are features of strength, and make it impossible for the gun to shoot loose. The automatic safety and Deeley & Edge patent fore-end are fitted to each gun. This gun can be closed with hammer cocked or otherwise as may be desired.

These are the first machine guns made in this country to successfully compete in price with the much inferior imported goods. They are superior in every way and embrace all the features which distinguish American machine products. They have drop-forged steel frames and hardened steel locks and parts, are beautifully case-hardened and bored for nitro or black powder. The lock parts are hardened. The screws, and top lever parts, also the lock parts and hammers, being made by machinery, are interchangeable.

HAMMER GUNS.

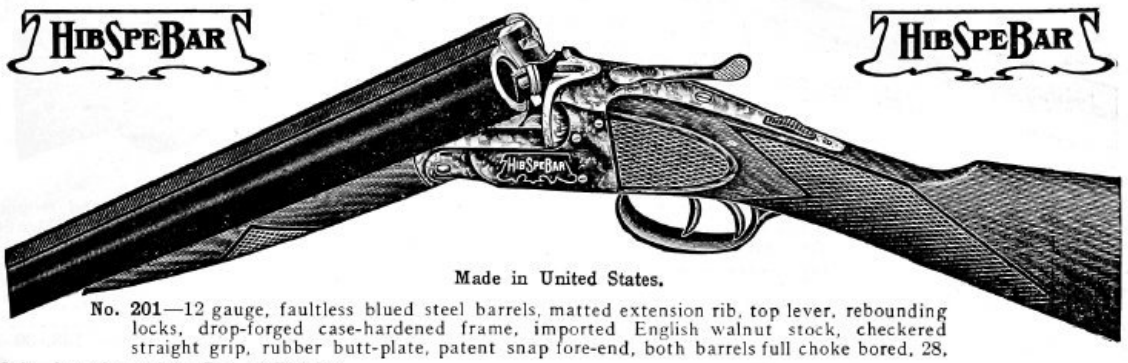


American Machine Made, Choke Bored, for Nitro Powders.

No. 439—12 gauge, genuine Damascus steel barrels, double bolt, top snap, rebounding bar locks, concave circular hammers, nitro firing pins, flat matted extension rib, heavily engraved frame, lock plates and mountings, capped full pistol grip, nicely checked walnut stock and fore-end, ornamented rubber butt-plate, Deeley & Edge patent fore-end, left barrel full taper choke bored, right barrel modified choke bored, 30 in. barrels, weight 7½ to 8¼ lbs. ..... each $15.00

DOUBLE BARREL SHOT GUNS.

HIB-SPE-BAR HAMMERLESS.



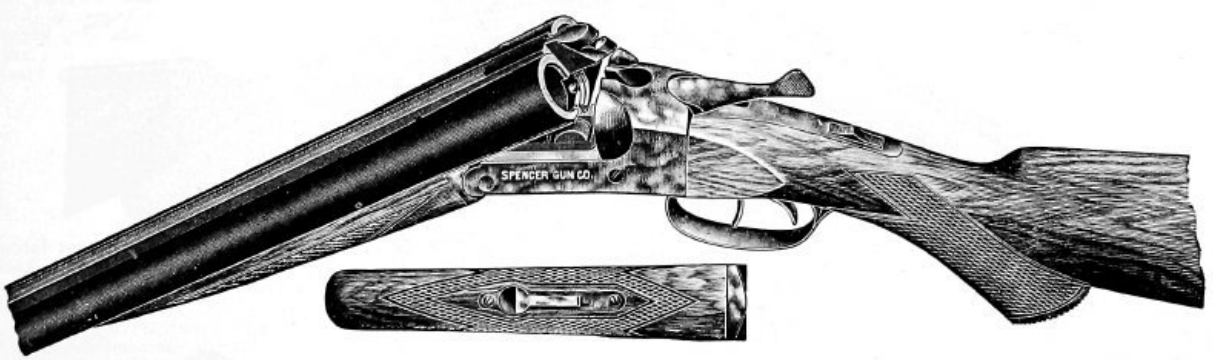
Made in United States.

No. 201—12 gauge, faultless blued steel barrels, matted extension rib, top lever, rebounding locks, drop-forged case-hardened frame, imported English walnut stock, checkered straight grip, rubber butt-plate, patent snap fore-end, both barrels full choke bored, 28, 30 and 32 in. barrels, weight 7¼ to 7¾ lbs. ..... each $20.00

The Hib-Spe-Bar hammerless is made for us by one of the best known high grade gun makers in this country and is made on the same lines and by the same workmen as their highest grade guns. It is first class, substantial, strong and will stand the severe test to which all guns are subjected in these days of heavy loads of nitro powder.

THE HIB-SPE-BAR GUN IS FULLY GUARANTEED.

SPENCER GUN CO.'S HAMMERLESS.



No. 01S—12 gauge, decarbonized steel barrels, matted extension rib, top lever, automatic safety, case-hardened frame, attractive selected walnut stock, full pistol grip finely hand checkered, hard rubber butt-plate, Deely and Edge fore-end hand checkered, left barrel, full choke, right barrel modified choke bored 30 in. barrel, w't 7 to 8 lbs. ..... each $18.00

No. 016S—16 gauge, otherwise same as No. 01S, 28 in. barrels, w't 6 to 7 lbs. ..... " 18.00

No. 0120S—20 gauge, otherwise same as No. 01S, 28 in. barrels, w't 6 to 7 lbs. ..... " 18.00

No. 1S—12 gauge, twist barrels, otherwise same as No. 01S, 30 in. barrels, w't 7 to 8 lbs. ..... " 20.00

These are exceptionally high grade guns for the price we ask for them. The barrels are the best decarbonized steel, finely finished, extremely durable and fine shooting. They have top snap action with locking lever adjusted to take up wear automatically. The stock has a pistol grip and is made of selected walnut with attractive, beautiful grain, with heavy hard rubber butt-plate. The safety is automatic, it sets when barrels are closed, a push of the thumb opens it and cocks the hammers. The frame is fine quality case-hardened steel with a plain sensible finish that wears best and looks best after years of service.

The manufacturers guarantee this gun to safely shoot any factory-loaded nitro shell, and the joint will not wear loose or shoot loose.

HARRINGTON & RICHARDSON HAMMER.

No. 328—28 gauge, decarbonized blued steel barrels, case-hardened frame, rebounding hammers, coil main and sear springs, cross bolted through extension rib, with fine checkered imported walnut stock and fore-end, left barrel full choke, right barrel modified choke, 28 in. barrels, w't 5¾ lbs ..... each $16.00

No. 341—44 cal., adapted for either 44 cal. W. C. F. shot cartridges or 44 cal. XL shot cartridges, 26 in. barrel, weight about 5¼ lbs., otherwise the same as No. 328 ..... each $16.00

DOUBLE BARREL SHOT GUNS.

STEVENS' HAMMER.

No. 235—12 gauge, high pressure steel barrels, double bolted matted extension rib, top snap, rebounding bar lock, low circular hammers, solid plungers, reinforced breech, oiled American walnut stock and fore-end, checkered pistol grip, checkered patent snap fore-end, 30 or 32 in. barrels, w't 7¼ to 8½ lbs.....each $15.00

No. 16235—16 gauge, otherwise same as No. 235, 28 or 30 in. barrels, w't 7¼ to 8 lbs.....each 15.00

No. 255—12 gauge, high pressure steel barrels, top lever, patent rotary compensating cross bolt through extension rib, check-hook, low circular hammers, rebounding bar locks, solid plungers, parts drop-forged, varnished walnut stock, finely finished, with pistol grip checked and capped, checked patent snap fore-end, rubber butt-plate, 30 in. barrel, w't 7¼ to 8½ lbs.....each $20.00

STEVENS' HAMMERLESS.

Choke Bored for Nitro Powders.

No. 335—12 gauge, high pressure steel barrels, double bolted matted extension rib, top snap, reinforced breech, oiled American walnut stock and fore-end, checkered half pistol grip stock, 30 in. barrels, w't 7¼ to 8½ lbs., stock 14 in. with 2¾ in. drop....each $20.00

No. 16335—16 gauge, otherwise same as No. 335, 28 or 30 in. barrels, w't 7¼ to 8 lbs.....each 20.00

Constructed on lines similar to our No. 235 double barrel hammer gun, inasmuch as it also embodies in principle, our celebrated check-hook, which has proven a positive success during the past season. The action is of the Anson & Deeley type and made in as simple a way as possible, with an independent, automatic safety and case-hardened frame. The gun has a double bolt—one in the through-lump and one in the extension rib—and these two fastenings, together with our check-hook, make this model one of the best of its kind on the market at the price.

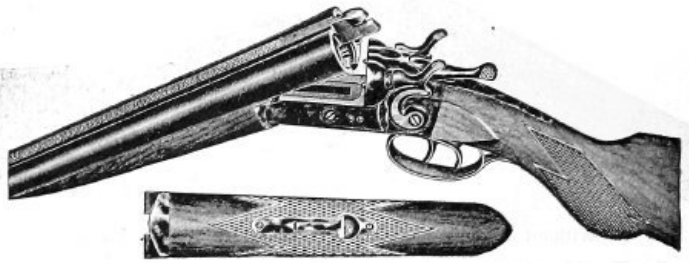
Bored for Nitro Powders.

No. 355—12 gauge, smokeless blued steel barrels, matted extension rib, top lever, reinforced breech, rebounding locks, mountings drop-forged and case-hardened frame, English walnut stock, checkered full pistol grip with rubber cap, rubber butt-plate, Anson & Deeley fore-end, both barrels choke bored, adapted for any standard make of shells loaded with black or smokeless powder, regular length of stock 14 in., drop from 2½ to 3 in., 30 in. barrel, w't 7¼ to 8 lbs.....each $25.00

No. 16355—16 gauge, otherwise same as No. 355, 30 in. barrels, w't 7¼ to 7¾ lbs.....each 25.00

Any deviation from above specifications on Stevens' Hammerless guns subject to advance of $4.00 list, and entail the shipping of such guns from the factory.

HOPKINS & ALLEN'S HAMMER.



No. 0312—12 gauge, decarbonized blued steel barrels, flatted breech, matted extension rib, rebounding bar locks, low circular hammers, case-hardened frame and hammers, blued guard, nitro plungers, Italian walnut stock, half pistol grip, Deeley & Edge fore-end, checkered grip and fore-end, rubber butt-plate, left barrel full choke, right barrel modified choke, 30 or 32 in. barrels, w't 7¼ to 8 lbs.....each $15.00

No. 0316—16 gauge, otherwise same as No. 0312, 28 or 30 in. barrels, w't 6¾ to 7 lbs.....each 15.00

No. 312—12 gauge, imported English twist steel barrels, otherwise same as No. 0312, 30 or 32 in. barrels, w't 7 to 8 lbs..each 16.50

No. 316—16 gauge, otherwise same as No. 312, 28 or 30 in. barrels, w't 6 to 7 lbs.....each 16.50

No. 320—20 gauge, imported English twist steel barrels, otherwise same as No. 312, 24 in. barrels, w't 6 to 7 lbs.....each 16.50

BATAVIA SPECIAL, HAMMERLESS.

Baker Gun Co.'s Full Choke Bored.

No. 18—12 gauge, homo-tensil blued steel barrels, matted extension rib, drop-forged frame and action, full pistol grip stock, full choke bored, 30 in. barrels, w't 7 to 8 lbs...each $21.75

BATAVIA LEADER, HAMMERLESS.

Baker Gun Co.'s Full Choke Bored.

No. 19—12 gauge, twist steel barrels, matted extension rib, drop-forged frame and action, pistol grip stock, full choke bored, 30 in. barrels, w't 7 to 8 lbs.....each $25.00

The Batavia Special and Batavia Leader are manufactured by the Baker Gun Co. and are constructed on the most simple mechanical principles and highly improved lines. Nothing but the best quality of material enters into their construction. The actions are carefully hand fitted to insure perfect joints and wearing surfaces. They are built by skilled workmen each specially adapted to the particular operation.

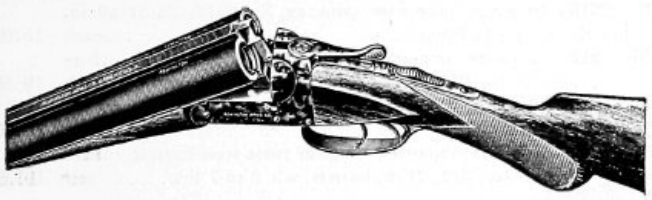
DOUBLE BARREL SHOT GUNS.

REMINGTON, HAMMERLESS.

Without Automatic Ejector, Guaranteed for Nitro Powders.

No. K —12 or 16 gauge, decarbonized steel barrels, choke bored, half pistol grip, checkered grip and fore-end, rubber butt-plate, case-hardened frame and mountings, snap fore-end, flat matted rib, 12 gauge with 30 or 32 in. barrels, 16 gauge with 28 and 30 in. barrels, w't 7 to 8½ lbs.....each $25.00

REMINGTON TRAP GUN.



Hammerless, With Automatic Ejector, Guaranteed for Nitro Powders.

No. KE —12 gauge, with automatic ejector, decarbonized steel barrels, choke bored, straight checkered grip and fore-end, rubber butt-plate, case-hardened frame and mountings, snap fore-end, flat matted rib, 30 in. barrels, w't 7 to 8 lbs.....each $27.50

No. KED—12 gauge, Damascus barrels, choke bored, plain finish walnut stock, pistol grip, 30 in. barrels, w't 7 to 8 lbs.....each 33.00

Regular length of stock 14 in., with drop from 2¾ to 3⅛ in. Any deviation requiring special labor will add $4.00 to list and entail shipment of gun from factory.

TEN IN A CASE.

Remington guns are made from selected materials which, after exhaustive tests, have proved best adapted for the purpose. These guns are carefully tested and all parts subjected to a close detail inspection while in process.

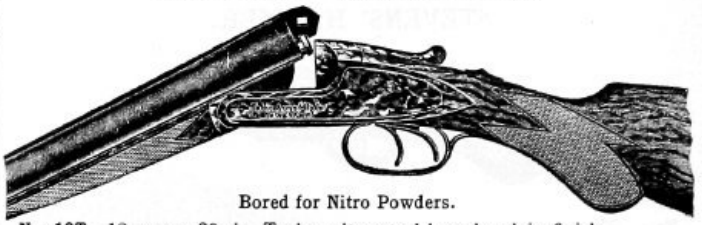
After shooting for accuracy, the arm is then required to pass a final inspection, which is very rigid and practically obviates the possibility of any guns not being up to the standard.

T. BARKER.

Top Lever, Extension Rib, Low Hammers.

No. 115—12 gauge, black steel barrels, extension rib, top lever, circular hammers, nickel-plated rebounding bar locks, mountings heavily engraved, snap fore-end, checkered stock and fore-end, black finish stock, full pistol grip, nickel plated iron butt-plate, left barrel choke bored, 30 or 32 in. barrels, w't 7 to 8¼ lbs.....each $13.00

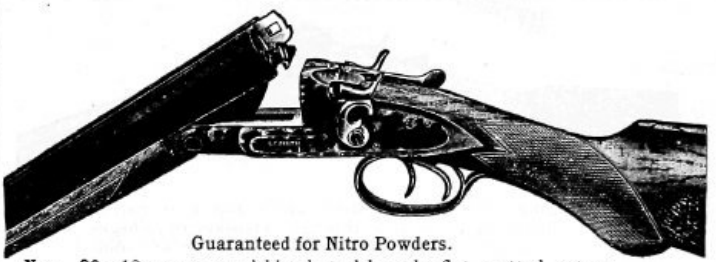
1909 TOBIN HAMMERLESS.



Bored for Nitro Powders.

No. 10T—12 gauge, 30 in. Trojan nitro steel barrels, plain finish, case-hardened frame, blued trimmings, checkered full or straight pistol grip, imported walnut stock, rubber butt-plate, left barrel full choke bore, right barrel modified, length of stock 14 in., drop 2¾ to 3 in., weight 7 to 7¾ lbs.....each $25.00

L. C. SMITH NEW MODEL HAMMER.



Guaranteed for Nitro Powders.

No. 90—12 gauge, royal blued steel barrels, flat matted extension rib, full bar action rebounding locks, rubber butt-plate, new style low circular hammers, case-hardened frame and blued guard, imported English walnut stock, checkered half pistol grip, checkered patent snap fore-end, both barrels full choke bored, 30 or 32 in. barrels, weight 7½ to 8½ lbs.....each $20.00

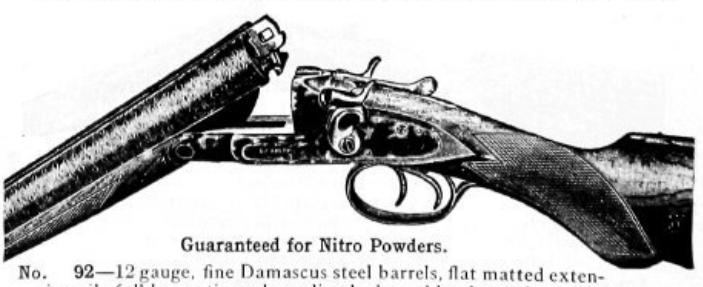
No. 1690—16 gauge, royal blued steel barrels, otherwise same as No. 90, 28 or 30 in. barrels, weight 7 to 7½ lbs.....each 20.00

The barrels are made from carefully selected steel toughened and hardened, and are similar in construction to Whiteworth Fluid, Crown and Siemens' steel barrels.

Guaranteed for Nitro Powders.

No. 91—12 gauge, fine English stub twist barrels, flat matted extension rib, full bar action rebounding locks, rubber butt-plate, new style low circular hammers, case-hardened frame and blued guard, imported English walnut stock, checkered half pistol grip, checkered patent snap fore-end, both barrels full choke bored, 30 or 32 in. barrels, weight 7½ to 8½ lbs.....each $23.00

No. 1691—16 gauge, fine English stub twist barrels, otherwise same as No. 91, 28 or 30 in. barrels, weight 7 to 7½ lbs....each 23.00



Guaranteed for Nitro Powders.

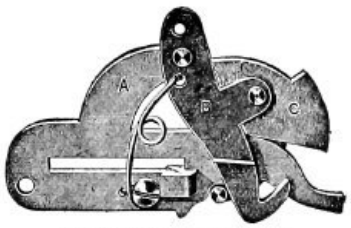
No. 92—12 gauge, fine Damascus steel barrels, flat matted extension rib, full bar action rebounding locks, rubber butt-plate, new style low circular hammers, case-hardened frame and blued guard, imported English walnut stock, checkered half pistol grip, checkered patent snap fore-end, both barrels full choke bored, 30 or 32 in. barrels, weight 7½ to 8 lbs.....each $25.00

No. 1692—16 gauge, fine Damascus steel barrels, otherwise same as No. 92, 28 or 30 in. barrels, weight 7 to 7½ lbs.....each 25.00

TWELVE IN A CASE.

DOUBLE BARREL SHOT GUNS.

L. C. SMITH HAMMERLESS.



Single Trigger Mechanism.

Single Trigger Mechanism, Complete.

No. 00 —12 or 16 gauge, embodies all the simplicity of the other grades, combined with the new Armour steel barrels, English walnut stock, half pistol grip, checkered and well finished, without embellishments, 12 gauge 30 or 32 in. barrels, 16 gauge 28 or 30 in. barrels.....each $37.00

No. 00A—12 or 16 gauge, with automatic ejector, 30 in. barrels, otherwise same as No. 00.....each 47.00

No. 0 —10, 12, 16 or 20 gauge, a well made gun with all improvements to meet the demands of sportsmen for a reliable gun at low price, No. 0 Damascus barrels, choke bored, English walnut stock, half or full pistol grip, checkered and well finished, 10 and 12 gauge, 30 or 32 in. barrels, 16 gauge 28 or 30 in. barrels, 20 gauge 26 in. barrels.....each 50.00

No. 0A—12 gauge, with automatic ejector, 30 in. barrels, otherwise same as No. 0.....each 65.00

No. 1 —12 gauge, a thoroughly well-made gun with all latest improvements, No. 1 Damascus barrels, choke bored, line engraving, English walnut stock, full pistol grip, checkered and finished in the best style, 30 in. barrels.....each 67.50

No. 1A—12 gauge, with automatic ejector, otherwise same as No. 1.....each 80.00

No. 2 —12 gauge, good Damascus steel barrels, or the famous Crown steel in 12 or 16 gauge to order, good imported English walnut stock, checkered and engraved, half or full pistol grip, 30 in. barrels.....each 87.50

No. 2A—12 gauge, with automatic ejector, 30 in. barrels, otherwise same as No. 2.....each 102.50

No. 3 —12 gauge, fine Damascus steel barrels, or the new nitro steel in 12 or 16 gauge to order, fine imported English walnut stock, very nicely checkered and engraved, half or full pistol grip, 30 or 32 in. barrels★.....each 107.50

No. 3A—12 gauge, with automatic ejector, 30 in. barrels, otherwise same as No. 3★.....each 122.50

No. P—PIGEON, 12 or 16 gauge, Crown steel barrels, thick both at breech and muzzle, especially adapted to stand the tremendous strain of many excessive charges of nitro powder, finest imported French or English walnut stock, very finest checkering, engraved, fine finish, straight, half, three-quarters or full pistol grip, 28, 30 or 32 in. barrels★.....each $135.00

No. PA—PIGEON, 12 or 16 gauge, with automatic ejector, otherwise same as No. P★.....each 147.00

No. 4 —10, 12 or 16 gauge, very fine Damascus steel barrels, or new nitro steel in 12 or 16 gauge to order, very fine imported English walnut stock, beautifully checkered, very finely engraved, half or full pistol grip, 28, 30 or 32 in. barrels★....each 165.00

No. 4A—10, 12 or 16 gauge, with automatic ejector, otherwise same as No. 4★.....each 175.00

No. 5 —10, 12 or 16 gauge, very fine Damascus or new nitro steel barrels in 12 or 16 gauge to order, choice imported English or French walnut stock, elaborate checkering, very fine engraving, half or full pistol grip, 28, 30 or 32 in. barrels★..each 215.00

No. 5A—8, 10, 12 or 16 gauge, with automatic ejector, otherwise same as No. 5★.....each 225.00

No. MA—MONOGRAM, 8, 10, 12 or 16 gauge, with automatic ejector, otherwise same as No. M★.....each 375.00

No. A2—10, 12 or 16 gauge, finest Damascus or Whitworth fluid compressed steel barrels, automatic ejector, choice English or French imported walnut stock, very fine checkering and elaborate engraving, very finest finish in every detail, 28, 30 or 32 in. barrels, 12 and 16 gauge to order★.....each 400.00

No. A3—10, 12 or 16 gauge, finest Whitworth fluid compressed steel barrels, automatic ejector, regular or Monte Carlo imported figured stock, elegantly damaskeened works, finely engraved and elaborately ornamented with oak leaf bas-relief, the lightning in the sides of barrels inlaid with gold, pistol or straight grip, 26, 28, 30 or 32 in. barrels★.....each 750.00

★*The following guns are made only to special order and are not carried in stock: Nos. 3, 3A, P, PA, 4, 4A, 5, 5A, MA, A2, A3 and one-trigger of all grades.*

Any of above guns can be furnished in 20 gauge from factory only, except No. 0 which we carry in stock.

Hunter One-Trigger Mechanism—Can be fitted to any new or old Smith hammerless gun.....extra, $25.00

The Hunter One-Trigger is the latest scientific addition to a double barrel gun. It has been thoroughly tested, and works perfectly. The one-trigger does away with flinching, and enables a shooter to use both barrels without changing his grip.

The pull is short, clean and quick; both barrels can be discharged just as fast as the trigger is pulled and *cannot* be discharged unless trigger *is* pulled.

The selective button controlling the order of firing is conveniently located at the side of trigger. Pushing the button backwards exposes the letter L indicating left first, moving it forward concealing L and exposing R, indicates right first. The sportsman can fire right and left, left and right; all rights, all lefts, as the button is never moved unless the order of firing is to be reversed; there is exactly the same control over the firing as in a two-trigger gun.

Old guns will have to be sent direct to factory, Hunter Arms Co., Fulton, N. Y., charges prepaid, to have the one-trigger fitted.

All Smith guns fitted with one-trigger will have to come from factory to order. We do not carry them in stock.

DOUBLE BARREL SHOT GUNS.

PARKER HAMMERLESS.

Choke Bored, for Hard Shooting.

All the working parts of these guns are attached to the solid iron work (instead of portions being attached to the wood), thus rendering the action of this gun in all climates positive, and not liable to be thrown out of adjustment by the action of the atmosphere on the wood. For safety, the guns are so constructed that the hammers can never be lightly let down to rest on loaded shells—an operation that is very dangerous—and they are guarded against the possibility of its being done. The safety for locking triggers is automatic, also positive and absolutely safe. The cocking is easy and smooth from start to full cock. The action frame is long, insuring much greater strength and durability than is possible to get with the short action used in most foreign-made hammerless guns. The barrels can be detached and attached at all times, same as in hammer guns, without reference to their being cocked or not, thus avoiding the necessity of cocking before replacing the barrels. Particular attention has been paid to the proper shape and distribution of materials, and the greatest strength will be found where the strain is most severe, and where the wear and tear is greatest. In these guns will be found that symmetry of proportion, beauty of outline and perfection of balance for which the Parker guns are so justly celebrated. Stocks (measured from center of front trigger to center of butt-plate), 14 to 14½ in. Shorter or longer barrels and different stocks to special orders and prices, according to extra amount of labor.

No. VH—12 gauge, Vulcan blued steel barrels, American walnut stock, checkered pistol grip and fore-end, hard rubber butt-plate, 30 or 32 in. barrels, drop 2¼ to 3 in., length of stock 14 in., weight 7½ to 8 lbs. ..... each $ 50.00

No. VH—16 gauge, otherwise same as above, 28 or 30 in. barrels, weight 6½ to 7½ lbs. ..... " 50.00

No. VH—20 gauge, otherwise same as above, 28 in. barrels, weight 6 to 6¾ lbs. ..... " 50.00

No. PH—12 gauge, fine twist barrels, American walnut stock, engraved and checkered pistol grip, hard rubber butt-plate, 30 in. barrels, drop 2½ to 3⅛ in., weight 7 to 8 lbs. ..... each 65.00

No. GH—12 gauge, fine Damascus steel barrels, fine figured American or imported stock, checkered and engraved pistol grip, hard rubber butt-plate, 30 or 32 in. barrels, drop 2½ to 3⅛ in., weight 7 to 8 lbs. ..... each 80.00

No. GH—16 gauge, otherwise same as above, 28 and 30 in. barrels, drop 2½ to 3⅛ in., weight 6¼ to 7½ lbs. ..... " 80.00

No. DH—12 gauge, fine Damascus steel barrels, fine imported walnut stock, silver shield, fine checkering and engraving, skeleton butt-plate, pistol grip, 30 in. barrels, drop 2½ to 3⅛ in., weight 7 to 8 lbs. ..... each 100.00

No. DHT—12 gauge, Titanic blued steel barrels, otherwise same as No. DH. ..... " 100.00

Automatic Ejector.

No. EVH—12 gauge, Vulcan blued steel barrels, 30 in. barrels, otherwise same as No. VH ..... each $ 75.00

No. EGH—12 gauge, fine Damascus steel barrels, otherwise same as No. GH ..... " 105.00

No. EDH—12 gauge, Titanic blued steel barrels, otherwise same as No. DH★ ..... " 125.00

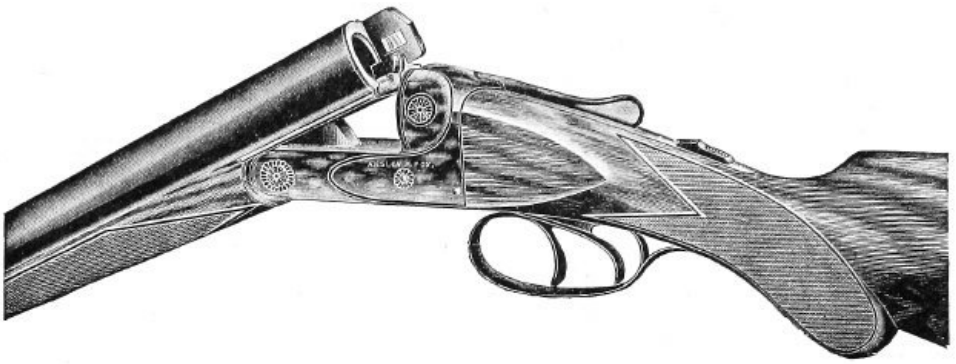
No. ECH—10, 12, 14, 16, 20 or 28 gauge, Bernard or Titanic steel barrels, imported walnut stock, silver shield, fine checkering and engraving, skeleton butt-plate, straight or pistol grip, 28, 30 or 32 in. barrels★ ..... each 175.00

No. EBH—10, 12, 14, 16, 20 or 28 gauge, Damascus or Titanic steel barrels, imported walnut stock, gold shield, fine checkering and engraving, skeleton butt-plate, straight or pistol grip, 28, 30 or 32 in. barrels★ ..... each 225.00

★*We do not carry these guns in stock and will take orders for factory shipment only.*

DOUBLE BARREL SHOT GUNS.

FOX HAMMERLESS.



THE ANSLEY H. FOX HAMMERLESS SHOT GUN embodies many points of superiority.

The barrels are genuine Krupp or Whitworth Fluid Steel. They are tested at the European Government proof houses before they are exported, and are again subjected to severe tests after the gun is completed. These barrels are recognized as standards of excellence, and their strength and shooting qualities cannot be excelled.

The gun stocks are made of imported English or Circassian walnut, and besides being thoroughly seasoned, they are carefully selected for quality of wood, direction of grain and fineness of figure.

The mechanism is the acme of simplicity and strength. All of the working parts are made of tool steel forgings, and they are finely finished and polished. The parts are all interchangeable, being made accurately to gauges.

The barrels are locked securely to the frame by a rotary bolt through the extension-rib, the bolt being tapered so as to take up wear in all directions and keep the gun tight for all time. Our guns are absolutely guaranteed to shoot any smokeless powder and never shoot loose.

Spiral springs operate the hammers and top lever, and we guarantee both mainsprings and top lever spring against breakage at any time.

All friction is done away with, which causes the gun to cock so easily that the mere weight of the barrels is practically sufficient to cock the locks, and the gun opens as easily as a hammer gun.

Because of the small number of parts in the mechanism, the frame can be made very compact and light, yet remain perfectly strong, which permits the manufacture of 12-gauge guns as light as 6¼ pounds, and also allows beautiful lines of proportion and that much sought after balance which is simply impossible in guns having complicated mechanism and the large heavy frames thereby necessitated.

No. AF—12 Gauge, genuine Krupp Fluid steel barrels, concave matted rib with rotary bolted extension, handsome dark English walnut stock, pistol grip, Deeley & Edge pattern fore-end, hard rubber butt-plate, automatic safety, perfectly balanced, engraved and finished in every detail; 30 and 32 in. barrels, weight 7 to 8 lbs.....each $50.00

No. AFE—12 Gauge, automatic ejector, otherwise same as No. AF..... " 65.00

No. BF—12 Gauge, genuine Krupp Fluid steel barrels, concave matted rib with rotary bolted extension, fine selected dark English walnut stock, pistol grip, hard rubber butt-plate, Deeley & Edge pattern fore-end, automatic safety, fine finish and engraving, 30 in. barrels, weight 6¾ to 8 lbs.....each $75.00

No. BFE—12 Gauge automatic ejector, otherwise same as No. BF★..... " 90.00

No. CF—12 Gauge, genuine Krupp Fluid steel barrels, concave matted rib with rotary bolted extension, selected curly dark English walnut stock, pistol grip, Deeley & Edge pattern fore-end, hard rubber butt-plate, automatic safety, extra fine engraving, checkering and finish, 30 in. barrels, weight 6½ to 8 lbs.....each $100.00

No. CFE—12 Gauge, automatic ejector, otherwise same as No. CF★..... " 115.00

★*Nos. BFE and CFE we can furnish from factory only.*

LEFEVER DOUBLE BARREL SHOT GUNS.

HAMMERLESS.

Lefever guns have for about half a century maintained an enviable reputation among sportsmen for accuracy, simplicity of mechanism, and correct balance. In the manufacture of these guns, considerable attention has been paid to the compensating features. At such points where the tendency to wear and strain is greatest, will be found materials of the greatest resistance, all properly distributed so as to overcome such action.

All of these guns are fitted with an improved compensating bolt. With this improvement, it is impossible for the gun to open when discharged with heavy loads, which often break off the heads of shells, or through defective primers allow gas to escape into the action, sufficient to throw open any gun having a bolt or bolts with lateral movement.

The locks are attached to the solid gun frame, and not to the lock plates. This gives them a solid and rigid bearing. The lock plates are easily unscrewed and removed without disturbing any other parts, permitting the oiling, examining and testing of the mechanism.

A failure to cock these guns can be instantly detected by means of the indicator projecting from each lock plate when the gun is at full cock. The indicators are independent of each other and are exposed only when gun is at full cock. They are supplied on all of these guns.

Durston Special.

No. DS—12 or 16 gauge, "Dura-Nitro steel" (black) barrels, imported walnut stock, checkered half pistol grip, 30 in. barrels, bored for trap, field and brush shooting, 12 gauge weight 7 to 8 lbs., 16 gauge weight 6¼ to 7 lbs. ..... each $35.00

No. DSE—12 gauge, with automatic shell ejector, otherwise same as No. DS ..... " 52.00

Bored for Nitro Powders.

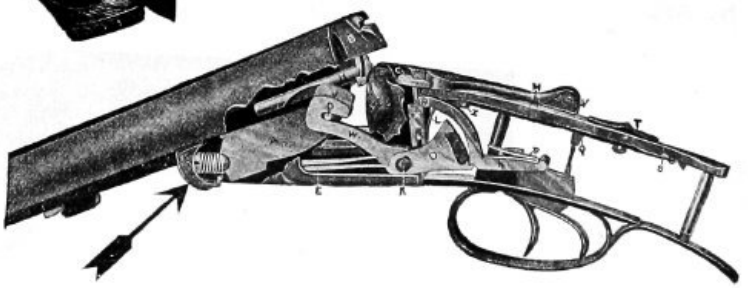
No. H—12 gauge, London twist barrels, flat matted extension rib, bolt through rib, case-hardened frame and mountings, automatic safety, English walnut oil-finish stock, full pistol grip with rubber cap, checkered grip and fore-end, rubber butt-plate, full compensated action, 30 in. barrels, weight 7 to 8 lbs. ..... each $44.00

No. HE—12 gauge, with automatic shell ejector, otherwise same as No. H★ ..... each 59.00

Bored for Nitro Powders.

No. G—12 gauge, Damascus steel barrels, flat matted extension rib, case-hardened frame and mountings, automatic safety, English walnut stock, full pistol grip with rubber cap, checkered grip and fore-end, rubber butt-plate, *line engraved*, full compensated action, 30 in. barrels, weight 7 to 8 lbs. ..... each $57.00

No. GE—12 gauge, with automatic shell ejector, otherwise same as No. G★ ..... each 72.00



Bored for Nitro Powders.

No. F—12 gauge, Damascus steel barrels, flat matted extension rib, case-hardened frame and mountings, automatic safety, English walnut stock, full pistol grip with rubber cap, checkered grip and fore-end, rubber butt-plate, handsomely engraved lock-plates, full compensated action, 30 in. barrels, weight 7 to 8 lbs.★ ..... each $80.00

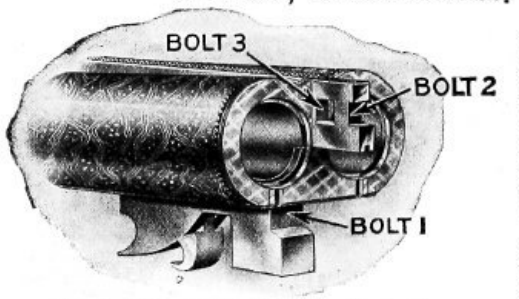
No. FE—12 gauge, with automatic shell ejector, otherwise same as No. F★ ..... " 95.00

★*We do not carry in stock HE, GE, F or FE, but can order from factory when desired.*

TEN IN A CASE.

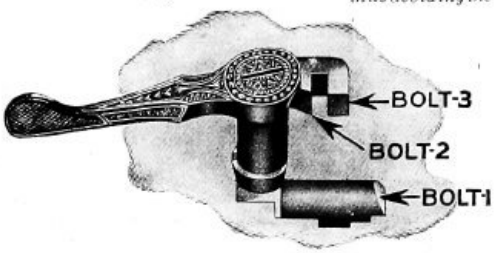
DOUBLE BARREL SHOT GUNS.

ITHACA, HAMMERLESS.

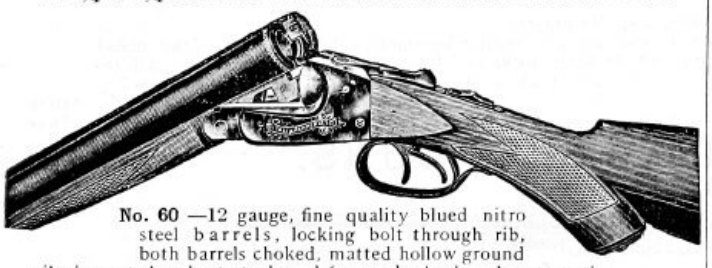


Showing Three Bolts of Locking Mechanism.

The shooting qualities of every Ithaca gun are fully warranted by the manufacturers, and the bolt fastenings guaranteed never to shoot loose with black or nitro powders. They have rebounding locks and independent gas and dirt-proof plungers, thus avoiding the danger of exploding primers when strikers are down, and keeping all gas and burnt powder out of locks. They are fitted with three solid bolt fastenings as shown in illustrations which are built on a bevel to take up their own wear and are guaranteed never to shoot loose or allow gun to fly open in discharging.



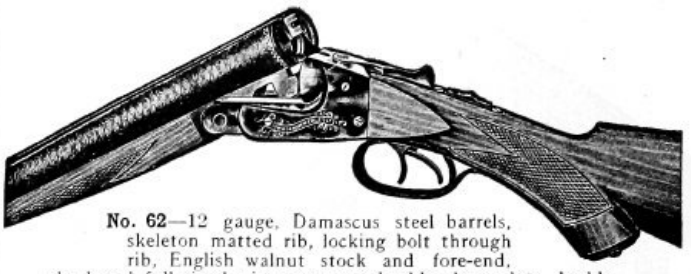
No. 59—12 gauge, blued smokeless steel barrels, locking bolt through rib, both barrels choked, matted hollow ground rib, checkered walnut stock and fore-end, pistol grip, automatic safety catch, blued guard, ornamented rubber butt-plate, case-hardened frame, 30 or 32 in. barrels, w't 7 to 8¼ lbs.....each $20.00
No. 1659—16 gauge, otherwise same as No. 59, 28 or 30 in. barrels, w't 6¾ to 7¼ lbs.....each 20.00
No. 2059—20 gauge, otherwise same as No. 59, 28 or 30 in. barrels, w't 6¾ to 7¼ lbs.....each 20.00



No. 60 —12 gauge, fine quality blued nitro steel barrels, locking bolt through rib, both barrels choked, matted hollow ground rib, imported walnut stock and fore-end, checkered, automatic safety catch, pistol grip, blued guard, ornamented rubber butt-plate and cap, case-hardened frame, 30 or 32 in. barrels, w't 7 to 8¼ lbs.....each $25.00
No. 60E—12 gauge, with automatic ejector, otherwise same as No. 60, 30 in. barrels, w't 7 to 8 lbs.....each 37.50

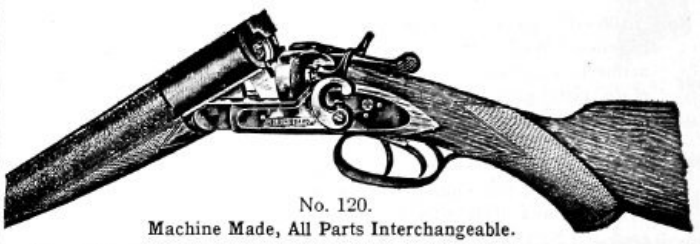
No. 61—12 gauge, fine quality English stub twist barrels, locking bolt through rib, both barrels choked, matted hollow ground rib, imported walnut stock and fore-end, checkered, automatic safety catch, pistol grip, blued guard, ornamented rubber butt-plate and cap, case-hardened frame, 30 or 32 in. barrels, w't 7 to 8¼ lbs.....each $30.00

ITHACA, HAMMERLESS.



No. 62—12 gauge, Damascus steel barrels, skeleton matted rib, locking bolt through rib, English walnut stock and fore-end, checkered, full pistol grip, ornamented rubber butt-plate, double thick nitro breech, reinforced frame and stock fastening, 30 in. barrels, w't 7 to 8¼ lbs.....each $35.00

GOLD HIBBARD.



No. 120.

Machine Made, All Parts Interchangeable.

No. 119—12 gauge imitation twist barrels, black hollow ground extension rib, Pieper pattern breech, bar action rebounding locks, low circular hammers, case-hardened frame and blued guard, imported walnut stock, full pistol grip, patent fore-end, checkered rubber butt-plate, checkered grip and fore-end, left barrel choke bored, 30 or 32 in. barrels, w't 7 to 8¼ lbs...each $13.50
No. 16119—16 gauge, otherwise same as No. 119, 28 or 30 in. barrels, w't 6½ to 7½ lbs.....each 13.50
No. 120—12 gauge, imitation Oxford Damascus barrels, matted rib, otherwise same as No. 119, 30 or 32 in. barrels, w't 7 to 8¼ lbs.....each 14.00

No. 130.

Machine Made, All Parts Interchangeable, Bored for Nitro Powders.

No. 130—12 gauge, imitation Oxford Damascus barrels, matted extension rib, Pieper patent breech, Pieper system top lever, bar action rebounding locks, low circular hammers, case-hardened frame and trimmings, imported walnut stock, checkered full pistol grip with checkered rubber cap, checkered patent fore-end, rubber butt-plate, action and trimmings engraved, blued guard, left barrel choke bored, 30 or 32 in. barrels, w't 7 to 8 lbs.....each $15.00
No. 131—12 gauge, imitation Oxford Damascus barrels, fitted with Greener cross-bolt, otherwise same as No. 130.....each 16.00

GOLD HIBBARD TAXIDERMISTS'.

No. 223—44 caliber, using 44 caliber XL shot cartridges, compressed blued steel barrels, extension rib, back action, rebounding locks, checkered pistol grip stock and fore-end, rubber butt-plate, 24 or 36 in. barrels, w't 4 lbs.....each $14.00
No. 222—20 gauge, otherwise same as No. 223, 24 in. barrels, w't 5 lbs.....each 12.00

DOUBLE BARREL SHOT GUNS.

H. J. STERLING, SEMI-MACHINE MADE.

No. 106.

We also have these guns branded T. Barker.

Top Lever, Back Action, Low Hammers.

No. 105—12 gauge, top lever, twist finish steel barrels branded "Wm. Moore," extension rib, rebounding back action locks, circular hammers, snap fore-end, iron butt-plate, pistol grip, checkered stock and fore-end, 30 or 32 in. barrels, w't 7 to 8½ lbs.....each $10.00

No. 106—12 gauge, top lever, laminated finish steel barrels, extension rib, rebounding back action locks, low circular hammers, new style nitro plungers, snap fore-end, checkered iron butt-plate, pistol grip, checkered stock and fore-end, case-hardened mountings, left barrel choke bored, 30 or 32 in. barrels, w't 7 to 8¼ lbs.....each 12.00

No. 112.

We also have these guns branded T. Barker.

Top Lever, Extension Rib, Low Hammers.

No. 111—12 gauge, top lever, twist finish steel barrels branded "Wm. Moore," extension rib, bar locks, circular hammers, snap fore-end, iron butt-plate, pistol grip, checkered stock and fore-end, 30 or 32 in. barrels, w't 7 to 8½ lbs.....each $12.00

No. 112—12 gauge, top lever, laminated finish steel barrels, extension rib, genuine full bar rebounding locks, low circular hammers, checkered stock and fore-end, full pistol grip, snap fore-end, checkered iron butt-plate, case-hardened mountings, blued guard, left barrel choke bored, 30 or 32 in. barrels, w't 7 to 8¼ lbs.....each 13.00

No. 0112—10 gauge, otherwise same as No. 112, 30 or 32 in. barrels, w't 8½ to 9½ lbs.....each 14.00

No. 16112—16 gauge, otherwise same as No. 112, 28 or 30 in. barrels, w't 6½ to 7½ lbs.....each 13.00

No. 20112—20 gauge, otherwise same as No. 112, 26 or 28 in. barrels, w't 6¼ to 7 lbs.....each 14.00

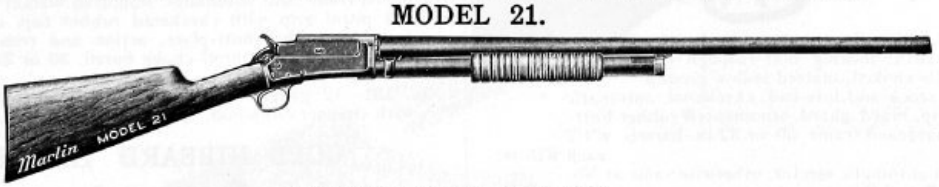
Top Lever, Extension Rib, Low Hammers.

No. 113CB—12 gauge, top lever, Damascus finish steel barrels, flat matted extension rib, circular hammers, rebounding bar locks, blued guard, case-hardened mountings and action, snap fore-end, checkered iron butt plate, locks and frame heavily engraved, carved fore-end and carved deerhead stock, full pistol grip, Pieper pattern breech, left barrel choke bored, 30 or 32 in. barrels, w't 7¼ to 8 lbs.....each $16.00

No. 16113CB—16 gauge, otherwise same as No. 113CB, 28 or 30 in. barrels, w't 6½ to 7½ lbs.....“ 16.00

MARLIN REPEATING SHOT GUNS.

MODEL 21.



Take Down, Straight Grip, Six Shots.

No. 21 A—12 gauge, special rolled steel barrel, for smokeless or black powders, blued frame, rubber butt-plate, regular stock 13½ in., drop at comb 1⅝ in., drop at heel 2½ in., length of barrel 26, 28, 30 or 32 in., full choked, modified choke, or cylinder bore, weight 6¾ to 7¼ lbs. each..... $25.60

The barrel has a tensile strength of about 66,000 lbs. to the square inch, and is guaranteed to target more than 325 pellets in a 30 in. circle at 40 yds., using 1¼ oz. No. 8 chilled shot. Fully proved with excessive loads.

The solid top frame and side ejector insure safety, comfort and convenience, the peculiar Marlin breech bolt keeps out bad weather—rain, snow and sleet—also dirt, leaves, twigs and sand.

With one-third less parts than any other repeating shot gun, the working parts engage directly with one another, the mechanism is extremely simple, quick and easy of operation, without a single weak point. The double extractors, two-piece automatic hang fire safety recoil block and the many improvements in the working parts put this model far ahead of any similar gun.

The barrel is a clean, perfect tube with a uniform distribution of metal on all sides, allowing uniform expansion when fired and producing the full, round, evenly distributed pattern for which Marlin guns are famous. The barrel is made extra heavy at the breech, resulting in increased range and penetration.

For trap shooters, duck shooters and others requiring a close shooting, hard hitting, long range gun, this model, 12 gauge full choke repeater, is an ideal gun.

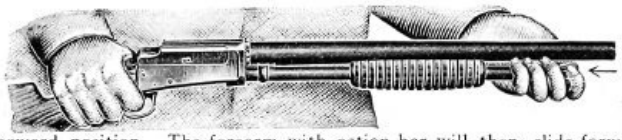
The take-down feature allows the gun to be taken down in a moment's time and packed in a space the length of the barrel. It also allows the shooter to have an extra interchangeable barrel portion complete; trap or duck gun can be quickly changed into a brush gun and still have the stock and action the shooter is accustomed to.

MARLIN REPEATING SHOT GUNS.

MODEL 24 TAKE DOWN.

The Model 24 has the Marlin solid top, side ejector and closed-in breech. It can't freeze up with rain, snow or sleet; rain can't run into the action and swell the shells in magazine; dirt, leaves, twigs and sand are also excluded from the action. The mechanism is simple and strong; it has one-third less parts than any other make of repeater; and the double extractors pull any shell. The automatic recoil safety device makes it the safest breechloading gun built.

The steel-lined, metal-capped forearm and the simplest, strongest and quickest take-down construction are special features of the Model No. 24.

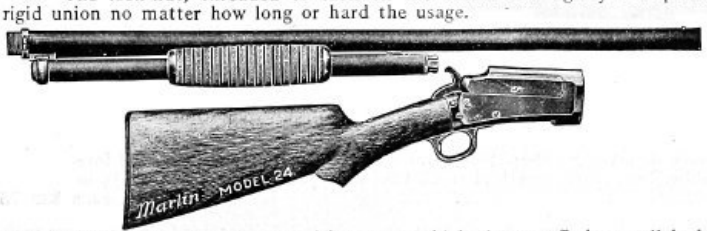


To take down the gun for cleaning or packing: Press the latch at front end of magazine and draw tube forward; the catch on left side holds the tube in this forward position. The forearm with action bar will then slide forward, and it is only necessary to unscrew the barrel.

This improved take-down construction does away with the forearm screws and other small parts; there are no sharp edges or corners; the gun can be taken apart in ten seconds anywhere, yet the union of barrel and frame is always as strong and rigid as in a solid frame gun.

The barrel turns into the frame with a large, square, left-hand thread that leaves exactly the same amount of metal at this point of greatest strain, with exactly the same distribution as in a solid frame, non-take-down gun.

The lock-nut, threaded to turn on the barrel and tightly clamped abutting the front end of frame, takes up all wear and insures a firm and rigid union no matter how long or hard the usage.

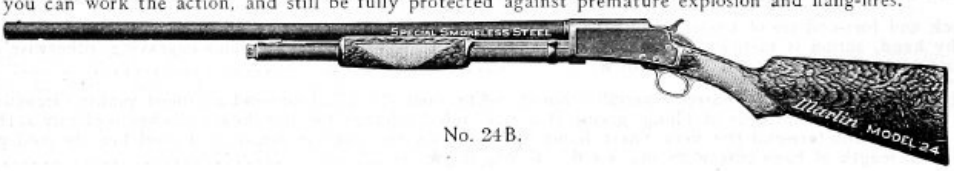


The improved automatic recoil block hooks onto the locking bolt when closing the action and holds the gun firmly locked until after the explosion of the cartridge, when it is instantly and automatically released by the recoil.

It prevents the possibility of opening the action just as the cartridge is exploding and removes all danger from hang-fires, for no matter how long it may take the cartridge to explode after the primer is struck by the firing pin, the gun remains tightly locked until after the explosion.

To operate the gun when empty or to eject a defective cartridge, first press the push-pin at right of hammer (which throws off the recoil lock), then operate in the regular manner.

This recoil block and the safety construction make the Model 24 the safest breechloading gun built, for you can hold back the trigger and shoot the gun just as fast as you can work the action, and still be fully protected against premature explosion and hang-fires.



No. 24B.

No. 24A—12 gauge, 6 shots, special rolled steel barrel, frame cut from solid drop forging, blued finish frame, fine straight grained American walnut stock, hard rubber butt plate, chambered for 2¾ or 2⅝ in. shells, specially bored for both black and smokeless powders, full choke, modified choke or cylinder bored, length of barrel 26, 28, 30 or 32 in., length of stock 13½ in., 1⅝ in. drop at comb, 2½ in. drop at heel, w't 7½ to 7¾ lbs.....each $23.25

The barrel has a tensile strength of 66,000 lbs. to the square inch. All full choked barrels are guaranteed to pattern more than 325 pellets of No. 8 chilled shot in a 30 in. circle at 40 yds.

The forearm is of a new shape that fills the hand and feels better than the old style. It is also of black walnut, scored for quick handling, finely finished, reinforced inside with a steel core and on the ends by metal ferrules, taking all strain off the wood. The end pieces both extend over the wood and hold it in place even if it should split.

No. 24B—12 gauge, special smokeless steel barrel, grip and fore-end handsomely checked by hand, otherwise the same as No. 24A, length of barrel 26, 28 or 30 in. w't 7½ to 7¾ lbs.....each $30.75

The grip and the fore-end are both handsomely checked by hand which aids in holding and sighting, as well as in the rapid manipulation of the action. It is intended for the man who wants every advantage of material and workmanship without expensive ornamentation.

The barrel of this gun is made from the finest quality of steel obtainable and made especially for this use. It has a very high elastic limit and a tensile strength of about 100,000 lbs. to the square inch. Special care is given to the boring of this grade.

No. 24C—12 gauge, special smokeless steel barrel, stock and fore-end are of selected fancy figured walnut, extra fine finish on the wood, stock and fore-end are neatly checkered by hand, action is tastily ornamented with a good quality of hand engraving, otherwise the same as No. 24A, length of barrel 26, 28 or 30 in., w't 7½ to 7¾ lbs.....each $40.80

The imported Circassian walnut stock is specially selected for figure and color and oil finished by the London process which gives a rich dull surface and brings out all the beauty of the grain and does not show scratches like highly polished wood.

The elaborate engraving and checking are the highest type of hand work by experts of long experience, and combine with the beautiful stock and the imported Damascus barrel to make this the finest repeating gun that can be bought.

No. 24D—12 gauge, imported Damascus barrel, imported Circassian walnut stock specially selected for figure, triggers and all screws in the action are of tool steel and heavily gold plated, elaborately engraved and checked by hand, otherwise the same as No. 24A, length of barrel 26, 28 or 30 in., w't 7½ to 7¾ lbs.....each $90.00

GUARANTEED FREE FROM IMPERFECTIONS IN MATERIAL AND WORKMANSHIP.

MARLIN REPEATING SHOT GUNS.

MODEL 16, "TAKE DOWN."

The Model 16 is not a 12-gauge gun with a 16-gauge barrel fitted, but is properly proportioned in every part, finely balanced, very quick and easy in operation, and it is the only light-weight repeating shot gun in the world. It is fully as effective in all ordinary forms of bird and small game shooting as any 12-gauge gun, and, by reducing the weight of gun and shells carried, it adds greatly to the enjoyment of the day's sport.

No. 16A—16 gauge, 6 shots, special rolled steel barrel, bored for black or nitro powders, blued frame, pistol grip, walnut stock, hard rubber butt plate, length of stock 13½ in., 1⅝ in. drop at comb, 2½ in. drop at heel, length of barrel 26 or 28 in., w't 6⅛ to 6¼ lbs....each $25.00

This is a light quick-handling, finely balanced gun, built similar to the well known 12-gauge Marlin repeater, but smaller, neater and trimmer in every part, to handle the smaller shells. Uses black and smokeless loads in 2¾ or 2⅝ inch shells, has all the range and penetration of a 12-gauge gun and is the only lightweight repeating shotgun in the world. A superior gun for birds, rabbits, squirrels, for ladies' use, for the boy, and for the man who appreciates the reduced weight of gun and shells to be carried.

No. 16B—16 gauge, 6 shots, special smokeless steel barrel, bored for black or nitro powders, blued frame, walnut pistol grip stock and fore-end, grip and fore-end both handsomely checked by hand hard rubber butt plate, length of stock 13½ in., 1⅝ in. drop at comb, 2½ in. drop at heel, length of barrel 26 or 28 in. w't 6⅛ or 6¼ lbs.★.....each $32.75

This gun has a "Special Smokeless Steel" barrel, which has a very high elastic limit, and a tensile strength of about 100,000 pounds to the square inch. Special attention is given to the boring and finishing of this grade. The action is reliable, simple and easy to operate. The grip of the stock and fore-end are both handsomely checked by hand, which not only aids in holding and sighting, but assists in the rapid manipulation of the action.

No. 16C—16 gauge, stock and fore-end are of a selected quality of fancy figured walnut, extra fine finish given to wood, stock and fore-end are neatly checked by hand, action is tastily relieved and ornamented with a good quality of hand engraving, otherwise the same as No. 16B, length of barrel 26 or 28 in., w't 6⅛ to 6¼ lbs.★.....each $44.50

No. 16D—16 gauge, high quality Damascus barrel, specially bored and finished, stock and fore-end are finest quality Circassian walnut, which is finely finished by the London process of filling, giving it a rich dull finish that does not show scratches as plainly as the highly polished wood, checking on stock and fore-end the very finest hand work, screws and triggers are of tool steel heavily gold plated, otherwise the same as No. 16B, length of barrel 26 or 28 in., w't 6⅛ to 6¼ lbs.★.....each 90.00

We do not carry Nos. 16B, 16C and 16D in stock, and will ship all orders from factory.

MODEL 26.

No. 26A—12 gauge, 6 shots, special rolled steel barrel, bored especially for black or smokeless powders, chambered for 2¾ to 2⅝ in. shells, solid frame, straight grip stock, length of barrel, 26, 30 or 32 in., full choke bored, w't 7 to 7⅛ lbs.....each $21.00

This gun is extremely clean, simple and light, has the double extractor and improved safety construction and is made of the best material in every part.

No. 26AR—Riot Gun, 12 gauge, 6 shots, for buckshot loads, cylinder bored, length of barrel 20 in., w't 6⅞ lbs.....each $21.00

***This is an extra** short and light gun, open bored, for buckshot especially. It is a most deadly arm for guards of all kinds, watchmen and express messengers, and is kept handy in many banks and households as a protection against burglars, thieves and robbers.*

REPEATING SHOT GUNS.

MARLIN MODEL 1240 TRAP, "TAKE DOWN."

No. 1240—12 gauge, 6 shots, special smokeless steel barrel, full choke bored, frame finest quality gun frame steel cut from the solid drop forging, frame and breech bolt have blued finish, size ejection, closed top, stock and fore-end are Circassian walnut with oil finish and fine hand checking, straight grip, hard rubber butt-plate, stock 14 in. long, 1¾ in. drop at comb, 1 13/16 in. drop at heel, 30 in. barrel, weight about 7¾ lbs.....each $38.00

The barrel is special smokeless steel—nearly twice as hard and strong as the rolled steel barrel used in other trap guns—specially built and bored for trap loads. It is guaranteed to make the extremely close, hard hitting, ideal trap gun pattern—more than 325 pellets of No. 8 chilled shot in a 30-inch circle at 40 yards.

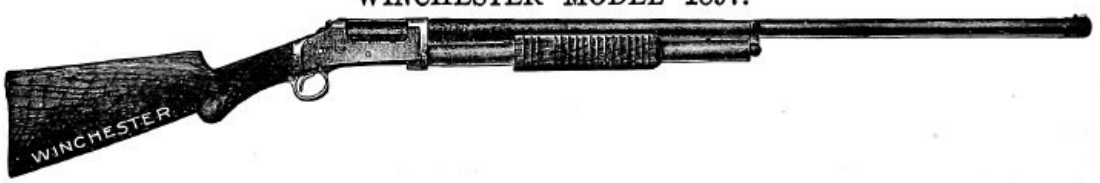
Like every other Marlin repeater, the trap gun has the Marlin solid top, side ejector and closed-in breech. It can't freeze up with rain, snow or sleet; rain can't run into the action and swell the shells in magazine. Dirt, leaves, twigs and sand are also excluded from the action. The closed-in breechbolt not only protects the gun and the shooter but also gives a symmetrical breech that aids in sighting and helps good shooting.

EXTRA BARRELS FOR MARLIN GUNS.

26 or 28 in., blued steel, cylinder, modified or full choke bored.....each $13.75
30 in., blued steel, full choke bored..... " 13.75

It is often desirable to have two or more barrel parts complete, to interchange on the same action and butt-stock. So superior are the design and workmanship on Marlin repeaters, that this can be done without sending the action to the factory to have the extra parts specially fitted. Any Marlin barrel part of any grade will fit any Marlin action of any grade. A useful combination is the regular 30 or 32 in. full choked gun, suitable for ducks, live birds, targets, etc., and an extra barrel part, complete, for brush work.

WINCHESTER MODEL 1897.



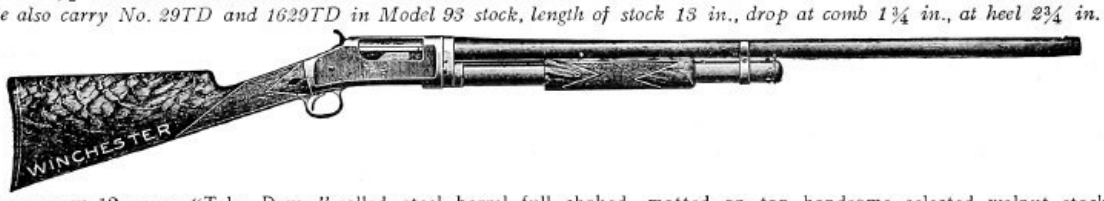
No. 29—12 gauge, 6 shots, rolled steel blued barrel, full choked, rubber butt-plate, plain half pistol grip stock, length 13¾ in., drop at comb 1¾ in., at heel 2½ in., 30 or 32 in. barrel, 30 in. only in modified choke, weight 7¾ lbs.....each $25.00

We also carry No. 29 guns 30 in. barrel full choke in Model 93 stock, length of stock 13 in., drop at comb 1¾ in., at heel 2¾ in.

WINCHESTER MODEL 1897 "TAKE DOWN."

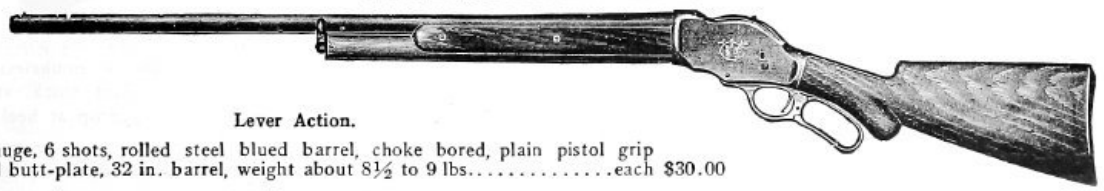
No. 29TD—12 gauge, "Take Down," 6 shots, rolled steel barrel, either full choked, modified or cylinder rubber butt-plate, plain pistol grip stock, length 13¾ in., drop at comb 1¾ in., at heel 2½ in., 28, 30 or 32 in. barrel, weight 7½ to 8 lbs.....each $27.00
No. A29TD—30 in. full choke barrel, with *extra* 26 in. cylinder bored barrel, rubber butt-plate, in both Model 97 and Model 93 stocks, otherwise same as No. 29 T. D.....each 42.00
No. B29TD—30 in. full choke barrel, with *extra* 28 in. modified choke barrel, otherwise same as No. 29TD..... " 42.00
No. 29TD—Rubber butt-plate, 26 in. barrel, either full choked, modified choked, or cylinder bored, otherwise same as No. 29TD ..... " 27.00
No. 1629TD—16 gauge, "Take Down," 28 in. barrel, either full choked or modified, otherwise same as No. 29TD, length 13½ in., drop at comb 1¾ in., at heel 2½ in.....each 27.00

We also carry No. 29TD and 1629TD in Model 93 stock, length of stock 13 in., drop at comb 1¾ in., at heel 2¾ in.



No. 139TD—TOURNAMENT, 12 gauge, "Take Down," rolled steel barrel, full choked, matted on top, handsome selected walnut stock, well shaped straight grip, checked rubber butt plate, 14 in. stock, drop at comb 1¾ in., drop at heel 1 13/16 in., 30 in barrel, w't 7¾ lbs....each $42.00
No. 129TD—12 gauge, "Take Down," "Trap," rolled steel barrel, full choked, fancy walnut hand made oil finished stock, with checked straight grip, checked rubber butt-plate, 30 in. barrel, w't about 7¾ lbs.....each 52.00

WINCHESTER MODEL 1901.



Lever Action.

No. 030—10 gauge, 6 shots, rolled steel blued barrel, choke bored, plain pistol grip stock, steel butt-plate, 32 in. barrel, weight about 8½ to 9 lbs.....each $30.00

REMINGTON AUTOMATIC SHOT GUNS.

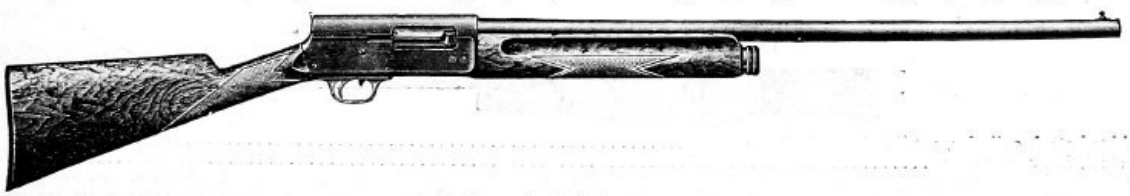
Browning's Patent.

No. 1P —"STANDARD," 12 gauge, "Take Down," Remington highest quality steel barrel, full choke modified or cylinder bored, blued frame and mountings, 5 shots, side ejection, matted receiver, walnut stock, pistol grip, rubber butt-plate, length of barrel 28 in., length of stock 14⅜ in., drop at comb 1⅞ in., drop at heel 2½ in., weight 7¾ lbs. ..... each $40.00

No. 1PR—Fitted with 28 in. full choke bored barrel with raised matted rib, otherwise same as No. 1 ..... " 47.00

No. 1PB—28 in. full choke, with *extra* 26 in. cylinder bored barrel, otherwise same as No. 1 ..... " 56.00

No. 2P —"SPECIAL," 12 gauge, "Take Down," Remington highest quality steel barrel, full choke or cylinder bored, blued frame and mountings, 5 shots, side ejection, matted receiver, selected English walnut stock, pistol grip, *checkered grip and fore-end*, rubber butt-plate, length of barrel 28 in., length of stock 14⅜ in., drop at comb 1⅞ in., drop at heel 2½ in., weight 7¾ lbs. ..... each 50.00



Browning's Patent.

No. 3P —"TRAP," 12 gauge, "Take Down," Remington highest quality steel barrel, choke bored, blued frame and mountings, 5 shots, side ejection, matted receiver, selected English walnut stock, *checkered straight grip and fore-end*, rubber butt-plate, length of barrel 28 in., length of stock 14 in., drop at comb 1½ in., drop at heel 2¼ in., weight 7¾ lbs. ..... each $50.00

No. 3AP—28 in. full choke barrel, with *extra* 28 in. cylinder bored barrel, otherwise same as No. 3 ..... " 66.00

No. 4P —TOURNAMENT, 12 gauge, "Take Down," Remington highest quality steel barrel, choke bored, blued frame and mountings, 5 shots, side ejection, matted receiver, fine English walnut stock, checkered pistol grip and fore-end, rubber butt-plate, extra scroll engraving, fine checkering, length of stock 14⅜ in., drop at comb 1⅞ in., drop at heel 2½ in., weight 7¾ lbs. On this gun any length or drop of stock desired will be made to order without additional charge ..... each 70.00

In loading gun, draw operating slide back, drop a shell in the receiver and press button with finger of left hand. This allows the carrier to be pressed down and the shells to be inserted in the usual manner, from the bottom. Shells can be put in the magazine at any time when breech is closed, whether the magazine is empty or partly full. The breech will remain open after the last shot is fired. To take down, unscrew the magazine cap while holding the fore-end down so the cap will unscrew freely and slide the barrel and fore-arm forward and off.

REMINGTON SOLID BREECH REPEATING SHOT GUNS.

MODEL 1908, HAMMERLESS.

No. 150—"STANDARD," 12 gauge, "Take Down," Remington steel barrel, 6 shots, choke or modified bored, blued finish, matted rib on receiver, walnut stock and fore-end, pistol grip, length of stock 13¾ in., 2½ in. drop at heel, drop at comb 1½ in., length of barrel 30 in., weight 7½ lbs. ..... each $27.00

No. 160—"FIELD," 12 gauge, "Take Down," Remington steel barrel, 6 shots, cylinder bored, blued finish, matted rib on receiver, walnut stock and fore-end, pistol grip, length of stock 13¾ in., drop at heel 2½ in., drop at comb 1½ in., length of barrel 26 in., weight 7¼ lbs. ..... each 27.00

No. 170—"TRAP," 12 gauge, "Take Down," "blued" steel barrels, matted rib on receiver, bored to shoot smokeless powder and to target 300 pellets or over of No. 7½ chilled shot inside of a 30 in. circle at 40 yds. with a load of 3¼ drs. of smokeless powder and 1¼ oz. of shot, which is practically 75% of charge, chambered for 2¾ in. shells, selected English walnut stock, straight grip stock with full comb, finely checkered stock and fore-end, rubber butt-plate, length of stock 14¼ in., drop at heel 2 in., drop at comb 1½ in., length of barrel 30 in., weight 7¾ lbs. ..... each $47.75

Any variation from dimensions given in description of Nos. 50, 60, and 70 will be subject to an additional charge of $10.00 list.

SINGLE BARREL SHOT GUNS.

STEVENS' HAMMER.

Choke Bored for Nitro Powders.

No. 105S—12 gauge, blued electro steel barrel, rebounding lock, drop forged frame, flush hinge bolt, blued mountings, oiled walnut stock, patent fore-end, rubber butt-plate, 30 or 32 in. barrel, w't 6 to 6¼ lbs., - - - - - - - each $7.50

No. 16105S—16 gauge, otherwise same as No. 105S, 28 or 30 in. barrel, w't 6 to 6½ lbs., - - - - - each 7.50

TEN IN A CASE.

STEVENS' HAMMER AUTOMATIC.

Automatic Ejector, Choke Bored for Nitro Powders.

No. 107—12 gauge, blued electro steel barrel, rebounding lock, case-hardened frame, flush hinge bolt, blued mountings, oiled walnut stock, patent fore-end, rubber butt-plate, 30 or 32 in. barrel, w't 6 to 6¼ lbs., - - - - - - each $8.50

No. 16107—16 gauge, otherwise same as No. 107, 28 and 30 in. barrel, w't 6 to 6½ lbs., - - - - each 8.50

TEN IN A CASE.

Automatic Ejector, Choke Bored for Nitro Powders.

No. 115S—12 gauge, blued electro steel barrel, rebounding lock, case-hardened frame, flush hinge bolt, blued mountings, oiled walnut stock, checkered grip and fore-end, capped pistol grip, rubber butt-plate, 30 or 32 in. barrel, w't 6 to 6¼ lbs., - - each $9.50

TEN IN A CASE.

STEVENS' HAMMERLESS AUTOMATIC.

Bored for Nitro Powders.

No. 180—12 gauge, pyro electro blued steel barrel, drop-forged frame, blued top snap, guard and safety, fine walnut stock, patent fore-end, capped pistol grip, checkered grip and fore-end, rubber butt-plate, 30 in. barrel, w't 6¾ to 7 lbs., - - each $10.50

This is a carefully made, finely fitted and beautifully finished gun. The stock is unusually fine, in keeping with the superior excellence of the metal parts.

TEN IN A CASE.

A special feature of the above single barrel guns on this page is the use of a spiral main spring, also a spiral top lever spring, which almost entirely eliminates breakage from this source.

STEVENS'

Ladies' or Boys' Model. Automatic Ejector, Choke Bored for Nitro Powders.

No. 125—20 and 28 gauge, 20 gauge always sent unless otherwise specified, pyro-electro steel barrels, case-hardened frame, top snap, low rebounding hammer, walnut stock, checkered pistol grip and fore-end, cap pistol grip, patent fore-end fitted with metal joint, rubber butt-plate, 28 in. barrel, w't 5½ lbs., - - each $10.00

This gun can be changed from an automatic to an ordinary ejector by two turns of a screw above the finger pin.

HARRINGTON & RICHARDSON.

Light Weight Model.

No. 123—28 gauge, blued steel barrel, case-hardened frame, top lever rebounding hammer, walnut stock, pistol grip, rubber butt-plate, 28 in. barrel, w't about 4 lbs., - - - each $10.00

No. 124—44 caliber, adapted to either 44 W. C. F. shot cartridge or 44 XL. shot cartridge, 26 in. barrel, w't about 4¾ lbs., otherwise same as No. 123, - - - - each 10.00

IVER JOHNSON CHAMPION.

Rebounding Lock.

No. 258—12 gauge, high carbon steel barrel, rebounding lock, blued top lever, case-hardened steel frame, selected black walnut oiled finished stock and fore-end, full pistol grip, 30 or 32 in. barrel, w't about 6 lbs., - - - - - each $6.50

No. 258NP—12 gauge, nickel plated frame, otherwise same as No. 258, 30 or 32 in. barrel, w't about 6 lbs., - each 6.50

No. 16258 16 gauge, otherwise same as No. 258, 28 or 30 in. barrel, w't about 6 lbs., - - - - each 6.50

No. 16258NP—16 gauge, nickel plated frame, otherwise same as No. 16258, 28 or 30 inch barrel, w't about 6 lbs., - - each 6.50

No. 268—12 gauge, automatic ejector, otherwise same as No. 258, " 7.50

No. 268NP—12 gauge, nickel plated frame, otherwise same as No. 268, 30 or 32 in. barrel, w't about 6 lbs., - - each 7.50

No. 16268—16 gauge, otherwise same as No. 268, 28 in. barrel, w't about 6 lbs., - - - - - - each 7.50

No. 16268NP—16 gauge, nickel plated frame, otherwise same as No. 16268, 28 or 30 in. barrel, w't about 6 lbs., - each 7.50

IVER JOHNSON SEMI-HAMMERLESS.

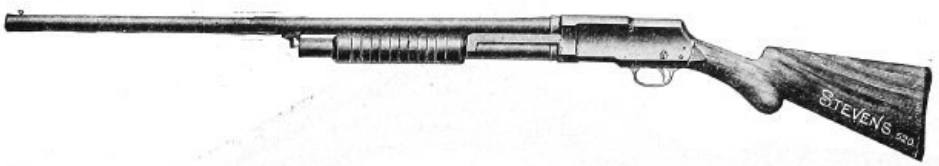
Ring Action, Automatic Ejector.

No. 298—12 gauge, hammer-forged, high carbon steel barrel, rebounding lock, case-hardened steel frame, blued steel guard, highly polished black walnut stock, full pistol grip with rubber cap, steel tipped snap fore-end, rubber butt-plate, 30 or 32 in. barrel, w't about 6¼ lbs., - - - - - - each $8.00

These guns have what is termed a ring action; the ring for breaking the gun being situated just in front of the trigger. Every requisite of a high-class gun is embodied in their construction.

STEVENS' REPEATING SHOT GUNS.

BROWNING PATENT.



No. 520—12 gauge, Stevens' compressed forged steel barrel, cylinder bored, black oxide finish, drop forged receiver, six shots, side ejection, walnut pistol grip stock, 30 in. barrel, w't about 7¾ lbs.....each $27.00

This is a practical and up-to-date gun in every detail of its construction and design. The barrel used in the manufacture of this gun is first compressed and is then forged into shape, thus making it as strong as it is possible to make a shot gun barrel. It is finished in black oxide which gives it a beautiful and lasting appearance.

The receiver is a solid drop forging, and, in the manipulation of the gun, none of the interior parts protrude that usually interfere with the pleasure and safety of shooting a repeating shotgun. This is one of its most valuable features. It has the same black oxide finish as the barrel. The tangs to which the stock is fitted are extra long and add strength to a stock at its weakest point. Shells are ejected from the side which is the most popular method in use as the shells are ejected away from the shooter.

The slide handle is unlocked by the recoil immediately after the discharge of shell, and by the backward motion of the slide handle, the discharged shell is drawn out of chamber and at the same time the loaded shell starts out of the magazine onto the lifter. By this method, the gun can be fired, without clogging, as fast as it is possible for a shooter to work the slide-handle. This is a feature contained in no other repeating shot gun. The slide handle is metal lined and capped at both ends making it absolutely indestructible.

The locking block is visible and is made of half-inch square tempered steel, and, when gun is locked, can be plainly seen level with top of the receiver. It is a great satisfaction for a shooter to know that his gun is absolutely LOCKED and cannot be discharged until it is LOCKED and slide handle is locked forward.

In opening gun, the firing pin is drawn back and locked and STAYS LOCKED until the gun is closed and the locking block is in its proper position.

The locking nut is so constructed that it takes up all wear at the take down. It can be readily seen when putting the gun together that by turning the magazine tube the lock nut is forced against the receiver and takes up the wear, if any, every time the gun is put together.

The top of the receiver has been designed with a view of making an easy and accurate sighting gun. It can be readily seen that the short matted surface milled in the top of receiver just the proper distance from the eye prevents blurring.

SINGLE BARREL SHOT GUNS.

VICTOR.

No. 211 —12 gauge blued rolled steel barrel, choke bored for nitro powders, low rebounding hammer, top lever, case hardened frame, walnut stock, pistol grip, snap fore-end, fancy rubber butt-plate, 28, 30 or 32 in. barrel, w't 7 to 7½ lbs.....each $6.50

No. 211NP—Nickel plated lock and action, otherwise the same as No. 211, 30 or 32 in. barrel, w't 7 to 7½ lbs.....each 6.50

No. 212 —Laminated steel barrel, otherwise the same as No. 211, 28, 30 or 32 in., w't 7 to 7½ lbs.....each 7.00

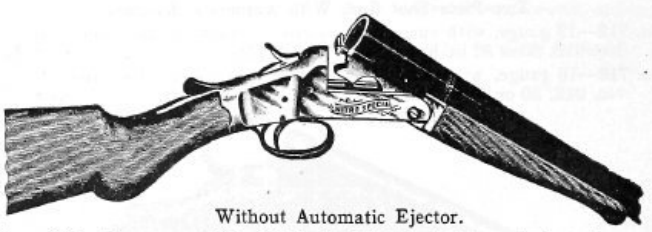
No. 221 —12 gauge plain steel barrel, automatic ejector, choke bored for nitro powders, low rebounding hammer, top lever, case-hardened frame, walnut stock, pistol grip, snap fore-end, fancy rubber butt-plate, 28, 30 and 32 in. barrel, w't 7 to 7½ lbs.....each $7.00

No. 221NP—Nickel plated frame, 30 and 32 in., otherwise same as No. 221.....each 7.00

MASSACHUSETTS ARMS CO'S.

No. 231 —12 gauge, blued steel detachable barrel, heavy lug securely bolted, extra strong bolt fastening, case-hardened frame, blued guard, rebounding lock, center hammer, positive action, drop-forged steel parts, carefully choke bored, pistol grip walnut stock, thoroughly high grade in finish and detail, 30 or 32 in. barrel, w't 6¾ lbs. .....each $6.50

NITRO SPECIAL.



Without Automatic Ejector.

No. 291—12 gauge, nitro blued steel barel, heavy reinforced breech, rebounding lock, top lever, either case-hardened or nickel plated frame, special water table breech, patent check hook prevents shooting loose, lug swaged on barrel—not brazed, blued guard, snap fore-end, walnut stock, 30 or 32 in. barrel, w't 7 to 7½ lbs., each..... $8.00

No. 16291—16 gauge, otherwise same as No. 291, 28 or 30 in., 6¼ to 7 lbs.....each 8.00

With Automatic Ejector.

No. 294—12 gauge, automatic ejector, otherwise same as No. 291.....each 9.00

Above guns have a spiral main spring, also spiral top lever spring, which almost entirely eliminates breakage from this source.

TEN IN A CASE.

SINGLE BARREL SHOT GUNS.

SPENCER GUN CO.

No. 261.

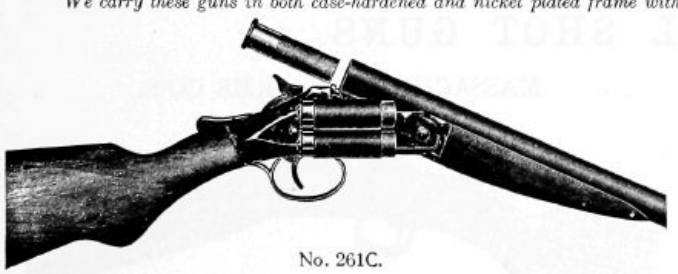
Without Automatic Ejector.

No. 251—12 gauge, fine decarbonized steel detachable barrel, heavy lug securely bolted, hinge bolt, case-hardened frame, blued guard, top snap action, rebounding lock, center hammer, positive action, carefully choke bored, full pistol grip, walnut stock, ornamented rubber butt-plate, thoroughly high grade in finish and detail, 30 or 32 in. barrel, w't about 6¾ to 7 lbs. ..... each $6.50
No. 16251—16 gauge, otherwise same as No. 251, 28 or 30 in. barrel, w't about 6¾ lbs. ..... " 6.50
No. 20251—20 gauge, otherwise same as No. 251, 28 in. barrel, w't about 6½ lbs. ..... " 6.50

Automatic Ejector.

No. 261—12 gauge, decarbonized steel detachable barrel, extra heavy at breech and of special shape, carefully choke bored for close pattern, heavy lug securely bolted, hinge bolt, case-hardened frame, blued guard, top snap action, rebounding lock, center hammer, latest improved positive attachment, full pistol grip, walnut stock, polished, with ornamented rubber butt-plate, 30 or 32 in. barrel, w't about 6¾ to 7 lbs. . each $7.50
No. 16261—16 gauge, otherwise same as No. 261, 28 or 30 in. barrel, w't about 6¾ lbs. ..... " 7.50
No 20261—20 gauge, otherwise same as No. 261, 28 or 30 in. barrel, w't about 6½ lbs. ..... " 7.50

We carry these guns in both case-hardened and nickel plated frame with the exception of Nos. 20251 and 20261.



No. 261C.

"Three Shot," Automatic Ejector.

No. 261C—12 gauge, top snap action, decarbonized barrel, full choke bored, case-hardened frame, rebounding hammer, nicely finished walnut stock, thick hard rubber butt-plate, 30 or 32 in. barrel, w't 6½ lbs. ..... each $8.00

This gun is furnished with a clip attached on right side of action and holding two shells which with the one in the chamber places three at the instant command of the shooter. It is but the work of a moment to remove a shell from the clip and insert in chamber.

HOPKINS AND ALLEN.

Two-Piece Shot Gun.

No. 912—12 gauge, top snap action, decarbonized steel barrel, choke bored, case-hardened frame, metal joint fore-end, rebounding hammer, positive action, selected walnut stock, thick hard rubber butt-plate, 30 or 32 in. barrel, w't about 6½ lbs. ..... each $7.00
No. 916—16 gauge, otherwise the same as No. 912, 28 or 30 in. barrel, w't about 6½ lbs. ..... each 7.00

Two-Piece Shot Gun, With Automatic Ejector.

No. 712—12 gauge, with automatic ejector, otherwise the same as No. 912, 30 or 32 in. barrel, w't about 6½ lbs. ..... each $7.50
No. 716—16 gauge, with automatic ejector, otherwise the same as No. 912, 30 or 32 in. barrel, w't about 6½ lbs. ..... each 7.50

Without Automatic Ejector.

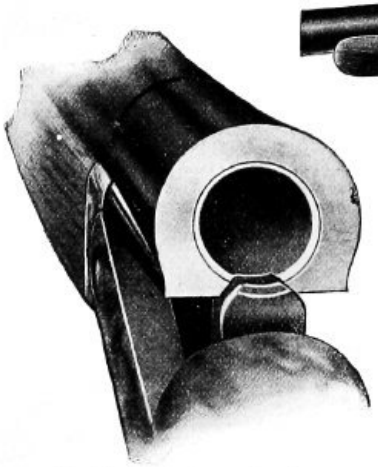
No. 1512—12 gauge, fine decarbonized steel detachable barrel, heavy lug securely bolted, hinge bolt, case-hardened frame, blued guard, top snap action, rebounding lock, center hammer, positive action, carefully choke bored, full pistol grip, walnut stock, Deeley & Edge fore-end, ornamented rubber butt-plate, thoroughly high grade in finish and detail, 30 or 32 in. barrel, weight about 6½ to 7 lbs. ..... each $7.00
No. 1516—16 gauge, otherwise same as No. 1512, 28 or 30 in. barrel, weight about 6½ lbs. ..... each 7.00
No. 1520—20 gauge, otherwise same as No. 1512, 28 in. barrel, weight about 6 lbs. ..... each 7.00

Automatic Ejector.

No. 1612—12 gauge, decarbonized steel detachable barrel, extra heavy at breech and of special shape, carefully choke bored for close pattern, heavy lug securely bolted, hinge bolt, case-hardened frame, blued guard, top snap action, rebounding lock, center hammer, latest improved positive attachment, full pistol grip, walnut stock, Deeley & Edge fore-end, polished, with ornamented rubber butt-plate, 30 or 32 in barrel, w't about 6 lbs. ..... each $7.50
No. 1616—16 gauge, otherwise same as No. 1612, 28 or 30 in. barrel, w't about 6½ lbs. ..... " 7.50
No. 1620—20 gauge, otherwise same as No. 1612, 28 in. barrel, w't about 6½ lbs. ..... " 7.50

SINGLE BARREL SHOT GUNS.

H. & A. CANNON BREECH.



Showing extra heavy breech

With Automatic Ejector.

No. 299 —12 gauge, fine quality decarbonized steel barrel, top snap action, full choke bored, drop-forged breech, case-hardened frame, rebounding hammer, select walnut stock of choice grain, Deeley & Edge fore-end, full rubber capped pistol grip, heavy vulcanized rubber butt plate, 30 or 32 in. barrel, w't 7 lbs.....each $9.75

No. 299NP—12 gauge, nickel plated frame, otherwise the same as No. 299, 30 or 32 in. brl, w't 7 lbs. " 9.75

This gun is made to supply the demand for an extra heavy breech, for very heavy shootin at long range. The quality is such as will satisfy the most exacting.

H. & A. HAMMERLESS.

Automatic Ejector.

No. 512—12 gauge, decarbonized steel barrels, drop-forged and beautifully case-hardened frame, top snap action, automatic safety device, full pistol grip, seasoned grained walnut stock, ornamented rubber butt-plate, compensating fore-end, 30 or 32 in. barrel, w't 6½ lbs.....each $10.00

No. 516—16 gauge, otherwise same as No. 512, 30 in. barrel, w't 6½ lbs..... " 10.00

No. 520S—20 gauge, otherwise same as No. 512, 28 or 30 in. barrel, w't 6 lbs..... " 10.00

This hammerless single barrel shot gun has all the best features of the best high-grade hammerless guns—patent snap compensating fore-end, automatic shell ejector, automatic safety device, top snap action, and is made throughout of the best material.

Stock and fore-end are made of hard, long seasoned grained walnut, is light but strong; the pistol grip is machine turned and fits nicely to the hand. No better gun made for the price.

H. & A. TAXIDERMIST.

Automatic Ejector, Shoots 44XL Caliber Shot Cartridges.

No. 2044—44 caliber, fine quality blued steel barrels, handsomely grained walnut pistol grip stock, 26 in. barrel, length over all 40 in., w't 5 lbs.each $8.50

AIR RIFLES.

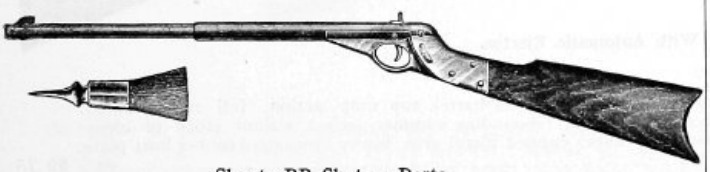
1909 KING JUNIOR.

Shoots BB Shot.

No. 10—Nickel plated steel barrel and frame, ebony finished stock, good sights, perfect action, length 29 in., w't 1⅛ lbs...per dozen $6.00

ONE DOZEN IN A CASE.

KING SINGLE SHOT.



Shoots BB Shot or Darts.

No. 5004—Made entirely of steel, polished nickel plated barrel, walnut stock, Rocky Mountain front sight, rear peep sight, shoots BB shot or darts, length 31 in., weight 2 lbs. per dozen..... $12.00

ONE DOZEN IN A CASE.

KING REPEATER.

Shoots 150 Times Without Reloading, Also Shoots Darts.

No. 5005—Nickel plated barrel, walnut stock, repeats at the muzzle, cannot be clogged with uneven shot, all parts are interchangeable and easily duplicated, length 32 in., weight 2 lbs. .....per dozen $15.00

ONE DOZEN IN A CASE.

500 SHOT KING REPEATER.

Shoots 500 Times Without Reloading.

No. 5015—Polished nickel steel, black walnut stock, Rocky Mountain front sight, rear peep sight, hammerless, shoots BB shot, all parts interchangeable, length 34 in., weight 1½ lbs. .....per dozen $18.00

The King 500 Shot is a hammerless magazine gun, that for accuracy, for penetration and for simplicity of construction is a marvel. Loads automatically each time the gun is broken down to compress the spring. The magazine holds 500 air rifle shot and each shot is swaged to a size as it enters the barrel, thus giving it greater force and accuracy. Every gun is carefully sighted and tested before leaving the factory, and every one is guaranteed.

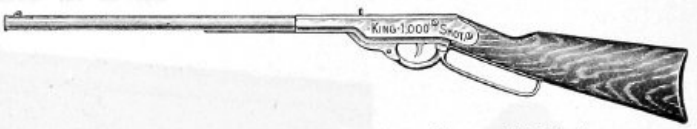
ONE DOZEN IN A CASE.

Shoots 500 Times Without Reloading.

No. 5016—Lever action, polished nickel steel, black walnut stock, Rocky Mountain front sight, rear peep sight, hammerless, shoots BB shot, all parts interchangeable, length 33 in., weight 2¼ lbs. .....per dozen $21.00

HALF DOZEN IN A CASE.

1000 SHOT KING.



Shoots 1,000 Times Without Reloading, Shoots BB Shot.

No. 5017—Lever action, frame and barrel are of one piece nickel plated steel, no joints between barrel and frame to work loose, black walnut stock, excellent sights, all parts interchangeable, length 35 in., weight 2½ lbs., per dozen $24.00

This is a hammerless magazine repeater which loads automatically and shoots with accuracy and great penetration.

HALF DOZEN IN A CASE.

KING THREE-IN-ONE.

Shoots BB Shot, Cork or Rubber Ball.

No. 11—Nickel plated steel barrel, ebony finish stock, neat sights and easy action, shoots cork or hollow rubber ball for indoor or outdoor shooting, or may be used as a pop gun, length 29 in., w't 1⅛ lbs.....each $9.00

This rifle shoots BB shot with accuracy. A large cork on end of a string makes a big noise but does no damage. A hollow rubber ball is also furnished for indoor shooting, which does not injure walls.

ONE DOZEN IN A CASE.

KING POP GUNS.

No. 12—Nickel plated steel barrel, walnut stock, shoots a cork at end of string and makes a big noise, length 15 in., w't 6½ oz., per dozen..... $3.00

SIX DOZEN IN A CASE.

No. 5001—All steel, nickel plated and polished, length 15 in. .....per dozen $3.00

THREE DOZEN IN A CASE.

BENJAMIN.

No. 5025—Nickel plated barrels, walnut stock, lower and larger barrel consists of the pump and air chamber, smaller and upper is the shooting barrel; length 37 in., w't 2 lbs.....per dozen $30.00

This is a pneumatic gun and is operated entirely by air. It is not a spring gun. Air is compressed in an air chamber by a stroke or two of the pump rod and when released by a pressure upon the trigger throws a shot which will easily pass through a one-half inch white pine board. With more pressure greater penetration is secured. It is an ideal gun for target practice and small game. It is simple, strong, efficient, and will last a long time.

AIR AND TARGET RIFLES.

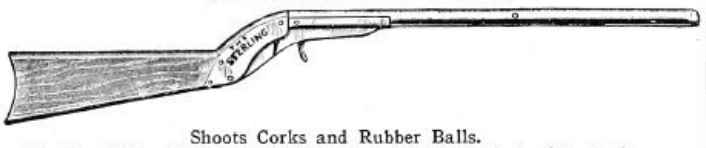
STERLING.

Shoots BB Shot.

No. 13—Cold rolled steel, nickel plated and polished, flat steel plunger rod, oil tempered quick acting spring, reinforced barrel, finely finished, genuine walnut stock, length 29 in., w't 1¼ lbs., per dozen..... $6.00

ONE DOZEN IN A BOX.

STERLING POP GUNS.



Shoots Corks and Rubber Balls.

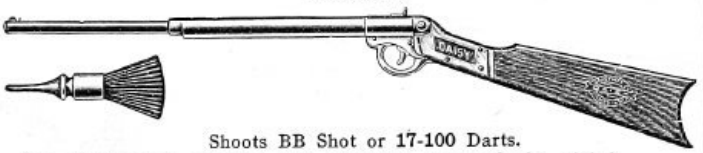
No. 15—Cold rolled steel, nickel plated and polished, flat steel plunger rod, oil tempered quick acting spring, reinforced barrel, genuine walnut stock, length 29 in., w't 1¼ lbs.....per dozen $6.00

ONE DOZEN IN A CASE.

No. 16—Cold rolled steel, nickel plated and polished shoots a cork on end of string, wood stock, length 17 in., w't 6½ oz., per dozen $3.00

THREE DOZEN IN A CASE.

DAISY.



Shoots BB Shot or 17-100 Darts.

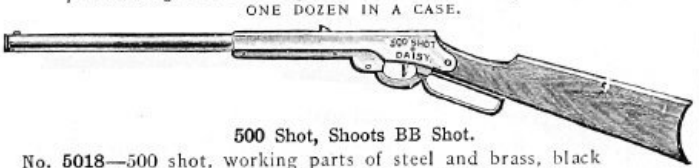
No. 5006—Steel barrels and working parts finely nickel plated, walnut stock, improved peep sight, all parts interchangeable, length 30 in., weight 2 lbs .....per dozen $12.00

17-100 Darts .....per gross $6.00

Daisy Repeater, Shoots 48 Times Without Reloading, Shoots BB Shot or 17-100 Darts.

No. 5002—Barrel and working parts entirely of steel, all parts interchangeable, magazine and shooting barrel can be instantly removed, walnut stock, improved peep sight, each rifle carefully sighted and tested, finely nickel plated, length 30 in., weight 2 lbs. .....per dozen $15.00

ONE DOZEN IN A CASE.



500 Shot, Shoots BB Shot.

No. 5018—500 shot, working parts of steel and brass, black walnut stock, lever action, loads automatically, length 32 in., weight 2⅝ lbs. .....per dozen $21.00

1,000 Shot, Shoots BB Shot.

No. 5012—1,000 shot, nickel plated, working parts of steel and brass, walnut stock, lever action, loads automatically, length 36 in., weight 3 lbs .....per dozen $24.00

Nos. 5018 and 5012 are magazine guns with working parts so arranged that anyone can take them apart and put them together. They shoot accurately and with great force.

ONE DOZEN IN A CASE.

CHICAGO.

Shoots BB Shot and Darts.

No. 5003—Cherry stained, a perfect device for holding shot tight in place, impossible to get a shot lodged in the barrel, length 32 in., weight 1¾ lbs.....per dozen $12.00

ONE DOZEN IN A CASE.

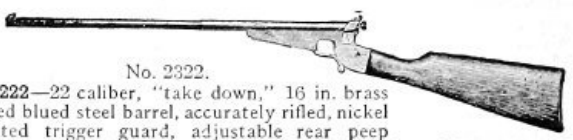
HAMILTON.

No. 27—22 caliber, long or short, rim fire, 16 in. tapered bronze barrel, fitted with front knife and open rear adjustable sights, automatic ejector, w't 3 lbs. each $1.50

No. 027—22 caliber, long or short, round walnut stock and fore end, otherwise same as No. 27, w't 3 lbs.....each $1.75

This model 27 has a hammer action exceedingly simple and of few parts. A solid breech-block makes action absolutely safe from rear explosion. The barrel is rifled with great care and has a built-up steel jacket which gives it great strength, durability and accuracy.

TEN IN A CASE.



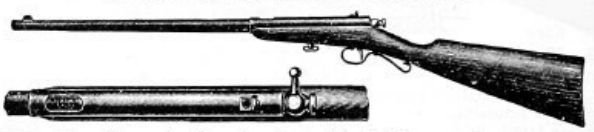
No. 2322.

No. 2222—22 caliber, "take down," 16 in. brass lined blued steel barrel, accurately rifled, nickel plated trigger guard, adjustable rear peep sight, automatic extractor, walnut stock, blued steel butt-plate, length 28½ in., w't 1¾ lbs.....each $2.00

No. 2322—22 caliber, take down, 20 in. brass lined blued steel barrel, accurately rifled, adjustable rear peep sight, improved loading mechanism, automatic extractor, lever action, extra quality walnut stock, length 33 in., w't 2 lbs.....each 2.50

TEN IN A CASE.

HAMILTON BOLT ACTION.



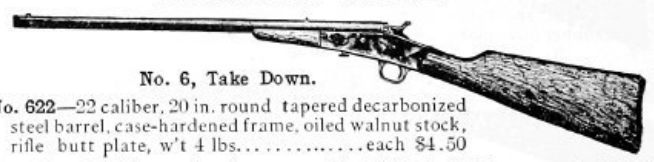
No. 2422—22 caliber, rim fire, chambered for 22 long or short cartridges, 21¾ in. round blued steel barrel, genuine walnut stock, blued steel trigger guard and butt-plate, w't 3½ lbs.....each $3.00

Bolt action type is deservedly popular for combining simplicity of action, the quality of rifling unsurpassed, with accuracy, safety and strength of shooting. The barrel is finely tapered and beautifully finished in blue-black gun finish. The action is automatic, both in putting cartridges into the chamber and ejecting the exploded shell. To open action, throw up the thumb-lever and pull back the bolt, thus opening aperture on top of barrel.

To load, simply drop cartridge into aperture thus opened, push bolt forward, automatically putting cartridge into chamber, and throw thumb-lever to the right, which securely locks it, thus making the entire action of rifle absolutely safe under all conditions.

TEN IN A CASE.

REMINGTON SINGLE.



No. 6, Take Down.

No. 622—22 caliber, 20 in. round tapered decarbonized steel barrel, case-hardened frame, oiled walnut stock, rifle butt plate, w't 4 lbs.....each $4.50

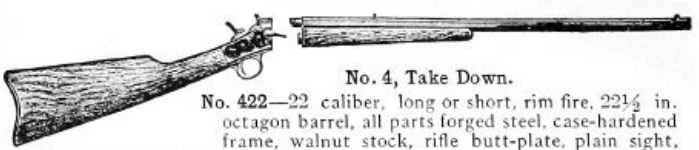
No. 632—32 caliber, otherwise same as No. 622, w't 4½ lbs....each $4.50

Please note that Nos. 622 and 632 are fitted with rear peep sight on the tange of rifle. This adds quite a feature to these rifles.

This rifle is especially designed to meet the demand for a light weight and reliable "take down" rifle at a moderate price.

The action is a modified type of the Remington system. Material and workmanship the best. Accurately bored and rifled. Genuine walnut stock and fore-end. Barrel detached from stock by loosening thumb screw. Adapted to 22 short, 22 long rim fire cartridges, conical ball, bullet breech caps, 32 short and 32 long.

TEN IN A CASE.



No. 4, Take Down.

No. 422—22 caliber, long or short, rim fire, 22½ in. octagon barrel, all parts forged steel, case-hardened frame, walnut stock, rifle butt-plate, plain sight, automatic shell ejector, w't 4¼ lbs.....each $6.00

No. 432—32 caliber, long or short, rim fire, 24 in. octagon barrel, all parts forged steel, case-hardened frame, walnut stock, rifle butt-plate, plain sight, automatic shell ejector, w't 4¼ lbs...each 6.00

TEN IN A CASE.

RIFLES.

Marble's "Game Getter" Gun. Two Barrels, Shoots 22 Short, 22 Long and 22 Long Rifle, 44 Shot and 44 Ball Cartridges.

No. B—GAME GETTER, upper barrel 22 caliber, lower barrel 44 caliber, round blued barrels, single trigger, drop-forged blued frame, rubber grips, nickel plated tubing stock, finest case leather holster, length of barrels 12 in., equipped with lock leaf sight, ivory bead sight, w't 35 oz. ..... each $15.00

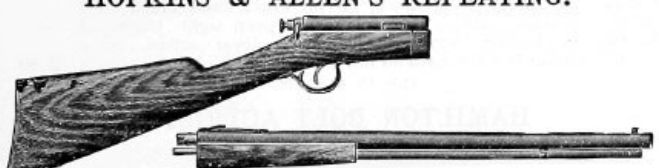
No. A—GAME GETTER, with Marble's flexible rear sight, otherwise the same as No. B. ..... " 18.00

Slot Blank. ..... extra " .25

Rear Sight Blank. ..... extra " .50

This is an all around gun. It is a target rifle or pistol, a big game gun or shot gun. It has two barrels, one 22 caliber, the other 44 caliber. The 22 and 44 bullets shoot to the point blank range of 50 feet with sights set the same. There is very little recoil on account of 44 barrel being smooth bored and not choked. A 44 ball penetrates six inches of pine at 15 feet and will kill a deer or black bear at 40 to 50 yds.

HOPKINS & ALLEN'S REPEATING.

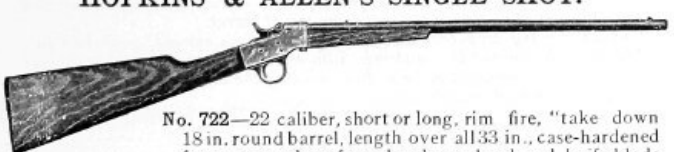


No. 79—22 caliber, "take down," bolt action, takes 16 short, 12 long or long rifle, 20 in. round blued barrel, length over all 38½ in., all parts are drop-forged, stock is machine turned and made from hard Louisiana swamp walnut, Rocky Mountain rear sight, sporting front sight, w't about 6¼ lbs. ..... each $10.00

The rifle is taken down or put firmly together in a few seconds by loosening or tightening the screw. From the tip of the muzzle to the end of the butt there isn't a screw or a joint or an inch of metal or wood but will give the most exacting sportsman pleasure and satisfaction. The gun balances well, hangs well, fits nicely to the hand and shoulder, works fast and shoots hard and true.

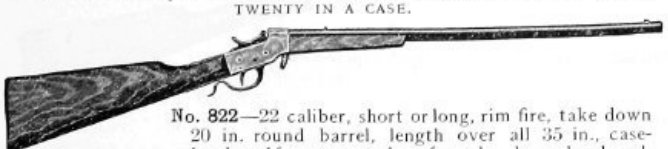
TEN IN A CASE.

HOPKINS & ALLEN'S SINGLE SHOT.



No. 722—22 caliber, short or long, rim fire, "take down 18 in. round barrel, length over all 33 in., case-hardened frame, parts drop-forged and case-hardened, knife blade front sight, sporting rear sight, walnut stock and fore-end, fitted with rubber butt-plate, w't about 3½ lbs. ..... each $3.50

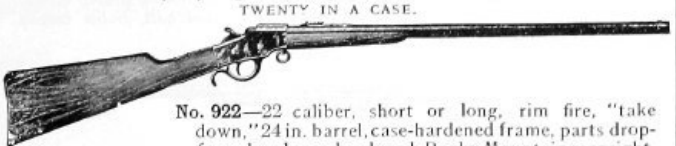
TWENTY IN A CASE.



No. 822—22 caliber, short or long, rim fire, take down 20 in. round barrel, length over all 35 in., case-hardened frame, parts drop-forged and case-hardened, sporting front and rear sights, beautifully grained American walnut stock, hard rubber butt-plate, w't 4 lbs ..... each $4.50

This rifle has a positive safety arrangement. The hammer cannot strike the firing pin either in loading or carrying the gun except by intention. The hammer rebounds after firing and always rests on the safety notch.

TWENTY IN A CASE.



No. 922—22 caliber, short or long, rim fire, "take down," 24 in. barrel, case-hardened frame, parts drop-forged and case-hardened, Rocky Mountain rear sight, sporting front sight, walnut stock and fore-end, thick military butt-plate, w't 5 lbs. ..... each $5.50

No. 932—32 caliber, short or long, otherwise same as No. 922 w't 5 lbs. ..... each 5.50

No. 1922—22 caliber, 24 in. octagon barrel, otherwise the same as No. 922, w't 5 lbs. ..... each 6.00

No. 2932—32 caliber, 24 in. octagon barrel, otherwise the same as No. 922, w't 5 lbs. ..... each 6.00

SAVAGE SINGLE SHOT.

Model C.

No. 817—22 caliber "take down," chambered for 22 short, 22 long and 22 long rifle cartridges, 22 in. round blued finish steel barrel, English model, shot gun butt, walnut stock, length of stock 14 in., equipped with adjustable rear sight and metal bead front sight, w't 4¾ lbs. ..... each $6.50

1905 "Target" Model.

No. 819—22 caliber, "take down," 22 in. round blued steel barrel, chambered for 22 short, 22 long and 22 long rifle cartridges, Swiss butt-plate, walnut stock, single shot, set trigger, w't 4¾ lbs. ..... each $7.50

This rifle will appeal strongly to the target shooter who desires to use the inexpensive 22 caliber ammunition. The special rifling gives the greatest accuracy with these loads, and is beautifully balanced, especially for off-hand shooting. The Swiss butt-plate and heavy barrel, 22 inches in length, are two of its special features. Longer or heavier barrels cannot be supplied. More important, however, is the adjustable screw, which regulates the pull. No matter what your idea of the trigger pull may be, it may be obtained almost instantly with this new Savage device. The adjusting screw is located on the under side of trigger and may be instantly reached by taking off the stock.

As the front sight seat is standard, a variety of sights may be used.

SAVAGE JUNIOR.

Model 1904.

No. 818—22 caliber, "take-down," rim fire, chambered for 22 short, 22 long and 22 long rifle cartridges, 18 in. round blued finish steel barrel, shot gun butt, walnut stock, single shot, w't 3 lbs. ..... each $4.00

It is quickly and easily loaded, simply drop a cartridge into the receiver and close the knob, which lies near the stock and out of the way. The closing knob automatically cocks the arm, and after the cartridge has been fired, the opening movement automatically ejects the empty shell. The barrel is nicely tapered, carefully constructed and tested, a safe and accurate shooter.

TEN IN A CASE.

STEVENS' LITTLE KRAG.

No. 65—22 caliber, 20 in. round blued steel barrel, oiled walnut stock, rubber butt-plate, blued trigger guard, bead front and open rear sights, w't 3¼ lbs. ..... each $4.00

It is not only a take-down, but a model in simplicity, having but few parts, and can easily be taken apart to clean or replace injured parts. The bolt head which contains the firing pin unscrews, and a new one can be inserted at a very small expense. It is bored to take the celebrated 22 long rifle cartridges and has new style peep sights.

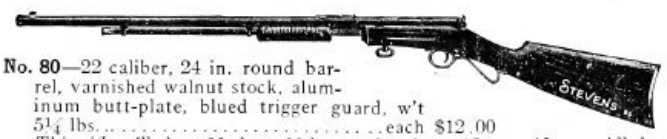
TARGET AND SPORTING RIFLES.

STEVENS' "VISIBLE LOADING" REPEATER,

No. **70**—22 caliber, chambered for 22 shorts and C B caps, holds 15 cartridges, 20 in. round barrel, length over all 35 in., varnished stock and slide handle, fitted with bead front sight, w't 5 lbs..... each $7.00

The Stevens "Visible Loading" Repeating Rifle is strictly up to date in every particular, and embodies many novel and meritorious features. The "Visible Loading" feature is entirely new and so simple that it will appeal instantly to the shooter for the reason that cartridge is always in sight while being fed into chamber. The magazine tube and breech block are in one piece. Has extra strong double extractors, making the extraction of the empty shell absolutely positive. The breech block has a positive lock and is operated by the slide handle after the breech block is closed. The hammer also has a positive lock and is always locked, while the breech block is unlocked.

STEVENS' REPEATER.



No. **80**—22 caliber, 24 in. round barrel, varnished walnut stock, aluminum butt-plate, blued trigger guard, w't 5¼ lbs.....each $12.00

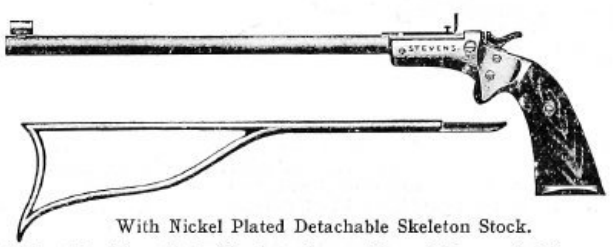
This rifle will shoot 22 short, 22 long and 22 long rifle cartridges. All that is necessary is to adjust the stop in the carrier and any of the above three cartridges will work properly.

No. **85**—25 caliber, rim fire, otherwise same as No. 80, w't 5¼ lbs..each $12.00

The 22 caliber Stevens' repeater is an up-to-date repeating rifle, containing many new and novel features never before embodied in a rifle of this class. The action and parts are self-contained. The mechanism is attached to the receiver in connection with the sliding fore-arm.

The action, in principle, is of the bolt type. The breech bolt in action works the block lever, first upwards, then back, extracting and ejecting the empty shell, its forward motion forcing a fresh cartridge in barrel. The construction of the breech bolt is such that when the action is closed it presents a solid top, preventing dirt or any obstruction entering to clog it. The manipulation of this bolt makes it an impossibility to discharge a cartridge until the action is locked.

STEVENS' RELIABLE POCKET.

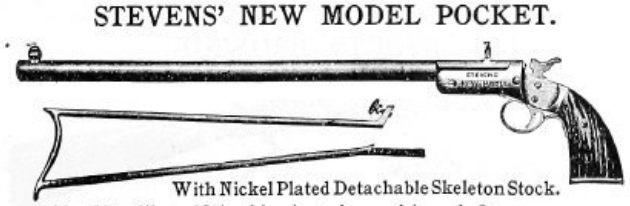


With Nickel Plated Detachable Skeleton Stock.

No. **8510**—22 caliber, 10 in. blued steel round barrel, Stevens' globe and peep sights, nickel plated frame, walnut stock, w't 1 lb., each..... $8.25

The rifle is admirably adapted for all light work. It has the Stevens tip-up action. The rest is secured in the butt-plate by a groove, making a firm connection.

STEVENS' NEW MODEL POCKET.



With Nickel Plated Detachable Skeleton Stock.

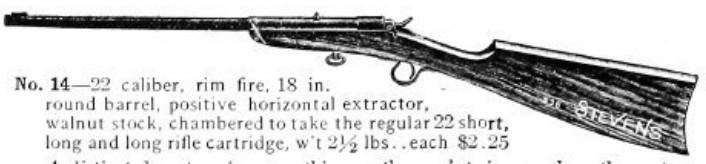
No. **8102**—22 caliber, 12 in. blued steel round barrel, Stevens combination sights, nickel plated frame, walnut stock, w't 2¼ lbs., each..... $10.00

No. **8105**—22 caliber, 15 in. barrel, otherwise same as No. 8102, w't 2½ lbs.....each 11.25

The front sight is a combination globe and top; the rear sight is folding and adjustable. The rifle has the tip-up action peculiar to other rifles of this make, and is adapted to shoot 22 caliber short, long and long rifle cartridges.

ONE IN A BOX.

STEVENS' LITTLE SCOUT.



No. **14**—22 caliber, rim fire, 18 in. round barrel, positive horizontal extractor, walnut stock, chambered to take the regular 22 short, long and long rifle cartridge, w't 2½ lbs..each $2.25

A distinct departure from anything on the market, inasmuch as the parts are self-contained; that is, there is no frame, but the parts are attached to the action itself, making it very simple.

All of the working parts of this rifle can be easily taken out by simply removing the stock from the barrel, which is attached with a thumb screw. The action is attached to the barrel and the breech-block drops down when a cartridge is to be inserted or an empty shell extracted. Open rear and German-silver knife-edge front sights.

STEVENS – MAYNARD, JR.

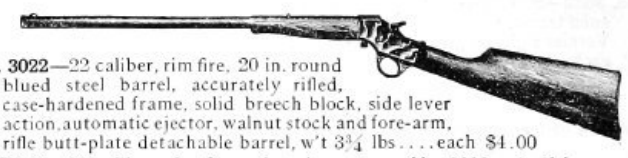
No. **3222**—22 caliber, 18 in. half octagon blued steel barrel, Maynard action, walnut stock, length over all 33 in., w't 2¾ lbs..... each $3.00

No. **3222SB**—22 caliber, smooth bore for shot cartridges, otherwise same as No. 3222, w't 2¾ lbs.....each 3.00

Owing to the increased demand for a low-priced rifle and at the same time a thoroughly accurate one, the J. Stevens Arms and Tool Co. have brought out a novel and strictly up-to-date rifle, which they call the Stevens-Maynard Jr. The barrel and stock, also fore-arm, are nicely finished, similar to rifles costing twice as much. This rifle is bored to shoot 22 short, 22 long and 22 long rifle cartridges and C. B. caps.

FIFTY IN A CASE.

STEVENS'.



No. **3022**—22 caliber, rim fire, 20 in. round blued steel barrel, accurately rifled, case-hardened frame, solid breech block, side lever action, automatic ejector, walnut stock and fore-arm, rifle butt-plate detachable barrel, w't 3¾ lbs....each $4.00

No. **3032**—32 caliber, rim fire, otherwise same as No. 3022, w't 4¼ lbs.....each $4.00

No. **3032SB**—32 caliber, smooth bore for shot cartridges, otherwise same as No. 3022, w't 4¼ lbs.....each 4.00

FIFTY IN A CASE.

STEVENS' FAVORITE.

Bored Smooth for Shot Cartridges.

No. **3822**—FAVORITE, 22 caliber, rim fire, 22 in. half octagon barrel, case-hardened frame, solid breech block, knife blade front sight, lever action, detachable barrel, w't 4½ lbs.....each $6.00

No. **3832**—FAVORITE, 32 caliber, rim fire, otherwise same as No. 3822.....each 6.00

RIFLES.

STEVENS'.

No. 3522 —22 caliber, rim fire, 22 in. half octagon barrel, case-hardened frame, solid breech block, Rocky Mountain front and sporting rear sights, lever action, detachable barrel, w't 4½ lbs., each..... $6.00

No. 3522W—22 caliber, using 22 caliber, W. R. F. cartridges, otherwise the same as No. 3522, w't 4½ lbs.....each 6.00

No. 3525 —25 caliber, rim fire, otherwise same as No. 3522, w't 5¼ lbs.....each 6.00

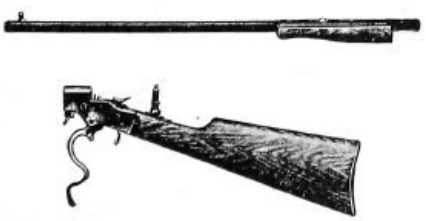
No. 3532 —32 caliber, rim fire, otherwise same as No. 3522, w't 5 lbs.....each 6.00

No. 3522 will shoot 22 short, 22 long, 22 long rifle and 22 Stevens-Pope Armory cartridges.

FIFTY IN A CASE.

No. 3622—22 caliber, rim fire, 22 in. half octagon barrel case-hardened frame, solid breech block, Beach front and open rear sights, Vernier sight on grip, lever action, detachable barrel, w't 4½ lbs., each..... $8.50

This rifle will shoot 22 short, 22 long, 22 long rifle and 22 Stevens-Pope Armory cartridges.



No. 3722—22 caliber, rim fire, 22 in. half octagon barrel, case-hardened frame, solid breech block, Lyman front, open, and Lyman rear sights on grip, lever action, detachable barrel, w't 4½ lbs.....each $9.00

This rifle will shoot 22 short, 22 long, 22 long rifle and 22 Stevens-Pope Armory cartridges.

STEVENS' NEW IDEAL, SPORTING AND GALLERY.

Half Octagon Barrel, Rifle Butt-Plate, Drop-Forged Case-Hardened Frame, Oiled Walnut Stock and Fore-Arm, Rocky Mountain Front and Sporting Rear Sights.

No. 9104—22 long rifle caliber, rim fire, 24 in. barrel, w't 7¼ lbs., each..... $10.00

No. 9106—22 long rifle caliber, rim fire, 26 in. barrel, w't 7¾ lbs., each..... 12.00

No. 9204—25 STEVENS caliber, rim fire, 24 in. barrel, w't 7¼ lbs., each..... 10.00

No. 9206—25 STEVENS caliber, rim fire, 26 in. barrel, w't 7¾ lbs., each..... 12.00

No. 9304—32 long caliber, rim fire, 24 in. barrel, w't 7¼ lbs...each 10.00

No. 9506—25-20 caliber, center fire, 26 in. barrel, w't 7¾ lbs.. " 10.00

No. 9508—25-20 caliber, center fire, 28 in. barrel, w't 8 lbs.. " 12.00

This rifle is manufactured to meet the demand for a reliable and accurate rifle at a moderate price. No better or stronger shooting arm can be made for the same cartridges. It is recommended without qualification and fully guaranteed by the makers.

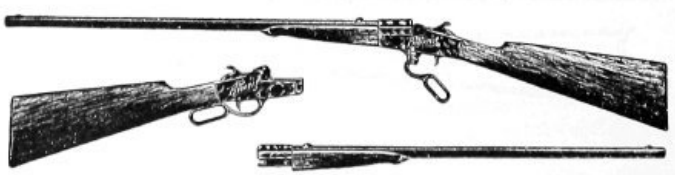
TEN IN A CASE.

FLOBERT.

No. 5104½—22 caliber, Warnant action, 24 in. octagon barrel, shoots 22 caliber short cartridges or bullet caps, rifled, case-hardened mountings, walnut oiled and checked pistol grip stock, scroll and screwed guard, w't 4 to 4½ lbs.....each $3.50

FIFTY IN A CASE.

DAVENPORT'S BROWNIE.



No. G22—22 caliber, rim fire, shoots 22 short and long cartridges, 22 in. round blued steel barrel, take down, automatic ejector, case hardened frame, drop-forged steel parts, underlever drop breech block, steel butt plate, finely finished domestic black walnut stock and fore-end, w't 4¼ to 4½ lbs.....each $6.00

REMINGTON REPEATING RIFLES.

MODEL NO. 12.

The Remington solid breech hammerless take-down 22 caliber repeating rifle is the latest addition to the modern Remington idea. It is modeled after the lines of the Remington pump gun. The positive extraction and feeding of cartridges and the absolute locking of the action when cocked, together with other excellent features, combine to make this a popular selling rifle.

Solid Breech—The top and rear of the receiver are positively closed, protecting the shooter's face from blow-backs, gases, etc., and preventing rain, dirt or foreign substances of any kind from entering the action.

Hammerless—The elimination of the projecting hammer insures safety from accidental discharge, which is possible in repeating rifles of the hammer type, and permits the grip to be raised more nearly in line with the barrel, giving pleasing lines and the correct balance long desired.

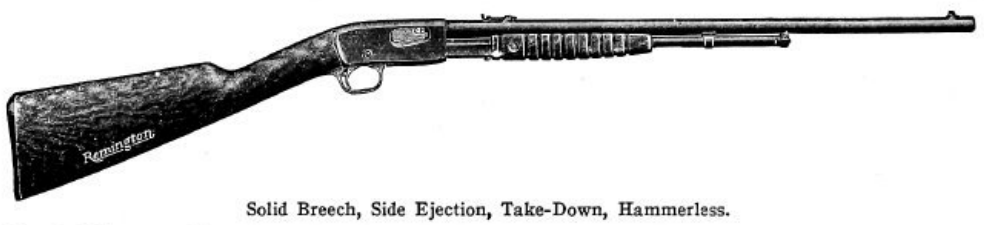
Safety—The safety which is absolutely positive, is conveniently located just back of the trigger, and when set securely locks the trigger, thus preventing accidental discharge.

Side Ejector—The ejected shell is thrown out the side, away from shooter and in no way interferes with the aim in rapid shooting. The ejector slot is of sufficient size to readily admit of single loading.

Accuracy—The Remington system of boring and rifling is an ample guarantee of the shooting qualities of this rifle. Each rifle is thoroughly targeted and the sight carefully aligned before leaving the factory.

Cleaning—The simplicity of the action permits the breech block to be removed readily, when the arm is taken down, without the use of tools. The barrel may then be cleaned and inspected from the breech. This is very important, as in calibers as small as the 22 too much care cannot be taken in keeping the bore perfectly clean. The breech block and other parts can also be readily cleaned.

Action Lock—The breech block is rigidly locked to the recoil shoulder in receiver by the action bar, which in turn is locked in its forward position by the carrier. The double lock, together with the broad locking surfaces, guard against looseness from wear so common in other rifles of similar type.



Solid Breech, Side Ejection, Take-Down, Hammerless.

No. 1021—STANDARD, 22 cal., 22 in. round barrel, chambered to take without adjustment 22 short, 22 long and 22 long rifle cartridges, straight grip, walnut stock, rubber butt-plate, w't 4½ lbs.....each $12.65

MAGAZINE HOLDS FOURTEEN 22 SHORT, ELEVEN 22 LONG OR 10 LONG RIFLE CARTRIGES.

Solid Breech, Side Ejection, Take-Down Hammerless.

No. 1022—GALLERY SPECIAL, 22 cal., 24 in. octagon steel barrel, chambered for 22 shorts only, pistol grip, walnut stock, steel rifle butt-plate, w't 5½ lbs .....each $16.00

MAGAZINE HOLDS 15 SHORT CARTRIDGES.

Solid Breech, Side Ejection, Take-Down, Hammerless.

No. 1023—TARGET, 22 cal., 24 in. octagon steel barrel, chambered to take without adjustment 22 short, 22 long and 22 long rifle cartridges, straight grip, walnut stock, steel rifle, butt-plate, w't 5½ lbs.....each $16.00

MAGAZINE HOLDS FIFTEEN 22 SHORT, TWELVE 22 LONG OR ELEVEN LONG RIFLE CARTRIDGES.

DIRECTIONS FOR OPERATING.

To Load Magazine—Press in magazine lever at front end of magazine and withdraw inner tube until loading slot is open, the cartridges can then be dropped into the magazine.

The magazine of the "Standard" grade rifle will hold 14 short, 11 long and 10 long rifle cartridges. The magazine of the "Gallery" grade rifle will hold 15 short cartridges only. Magazine of the "Target" grade will hold 15 short cartridges, 12 long and 12 long rifle cartridges. When the magazine is full, press down the inner tube until locked in place.

The magazine can be emptied without passing the loaded cartridges through the action by drawing the inner tube entirely out, when the cartridges will drop out the mouth of the magazine.

To Load the Gun—When the action is locked, press up on the front end of carrier exposed just in front of the trigger guard while starting the backward movement of the slide handle, move the slide handle smartly backward and forward, which will carry a cartridge into the chamber and lock the action ready for firing. The act of firing releases the action lock, permitting the operator to reload by working the slide handle.

To Take Down the Gun—Unscrew the assembling screw on the left hand side of receiver (a stop pin prevents its dropping out); holding the barrel and fore-end in one hand and the stock in the other hand, pull the gun apart. Cock the hammer before putting gun together.

MARLIN REPEATING RIFLES.

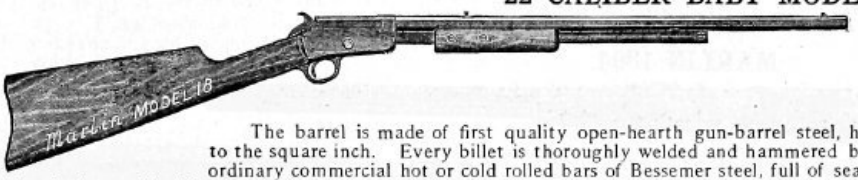
MODEL 25.

No. 1924—22 caliber, 23 in. round barrel, trombone action, chambered for 22 shorts and 22 C. B. caps, regular 22 caliber front and rear sights, frame of best quality gun frame steel, blued finish, black walnut stock, steel butt-plate, length over all 39½ in., weight 4 lbs. 2 oz.....each **$10.00**

This rifle has side ejection, throwing shells away from the shooter and not into the face and eyes, never interfering with the next shot, which construction promotes rapid and accurate firing.

The magazine holds fifteen 22 short cartridges or eighteen 22 C. B. caps.

22 CALIBER BABY MODEL.



The barrel is made of first quality open-hearth gun-barrel steel, having a tensile strength of from 60,000 to 80,000 pounds to the square inch. Every billet is thoroughly welded and hammered before rolling, and each bar is finished by planishing. The ordinary commercial hot or cold rolled bars of Bessemer steel, full of seams and hard spots, we do not use. The boring, rifling, chambering and inside barrel finish are all up to the old Ballard standard as made by the Marlin Co. for over thirty years.

The frames are drop-forged from best quality open-hearth gun-frame steel. No cheap commercial Bessemer stock, cast or malleable pieces used in any of these guns. Each piece in the action of the Marlin is made from the best quality steel suitable for the work the part is required to do, and as high carbon as possible is used, thereby getting hard contact points and avoiding trouble from the working parts wearing and getting out of adjustment.

The buttstocks and fore-arms are all made of black walnut, air seasoned and dried two to four years, then kiln dried.

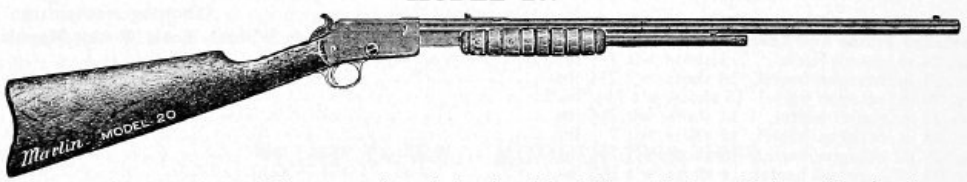
This rifle is made with a visible and not a concealed hammer, because we think it is a better and safer construction. A so-called hammerless is literally a concealed hammer gun. It requires extra complications, such as indicators, to show when it is cocked, and safety devices to prevent accidental discharge. The visible hammer indicates its position for itself. You can see it and feel it day or night beyond mistake; it can be cocked or uncocked at will, and the half-cock notch is simplest and absolutely safe.

No. 1820—20 in. octagon barrel, carbine butt, capacity of magazine 14, 22 short cartridges, blued finish frame, straight grip, black walnut stock and fore-end nicely finished, length of stock 13 in., weight about 3 lbs. 10 oz.....each **$10.00**

No. 1920—20 in. round barrel, otherwise same as No. 1820..... " **9.50**

Extra carriers can be supplied so that 22 caliber long rifle cartridges can be used if desired.

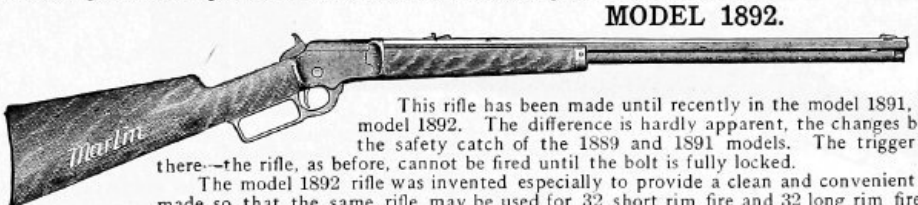
MODEL 20.



No. 2024—22 caliber, trombone action, take down, 23 in. octagon barrel, chambered for 22 long, 22 short, 22 long rifle rim fire cartridges, black or smokeless powder, including hunting cartridges with mushroom bullets, ivory bead front sight, special adjustable flat top rear sight, blued frame, metal rifle butt-plate, black walnut stock, weight about 4 lbs. 2 oz.....each **$13.50**

It is a well made, accurate and reliable arm for target work and all small game shooting up to 200 yards. Big game hunters find that practice with this arm guarantees rapid and accurate work with their high power lever action rifles.

MODEL 1892.



This rifle has been made until recently in the model 1891, but it has now been brought out in what is called the model 1892. The difference is hardly apparent, the changes being merely in the safety which is now effected with the safety catch of the 1889 and 1891 models. The trigger and sear are made one, doing away with all "play" there—the rifle, as before, cannot be fired until the bolt is fully locked.

The model 1892 rifle was invented especially to provide a clean and convenient repeater for rim fire cartridges. The 32 caliber is made so that the same rifle may be used for 32 short rim fire and 32 long rim fire cartridges, and by changing the firing pin 32 short center fire and 32 long rifle center fire cartridges. The rifle as sent out from the factory is adapted to use rim fire ammunition, but a center fire firing pin is furnished with rifle without extra charge. The firing pins can be interchanged by any one without using tools.

Models 1892 and 1897 offer the most complete line of repeating rifles manufactured for rim fire ammunition of various sizes, covering as they do five distinct cartridges together with the additional choice of center fire ammunition in the 32 caliber.

Each rifle further offers, in one rifle, advantages and conveniences that cannot be obtained in other rifles except by the use of two or more rifles.

In one and the same rifle, without adjusting, may be used any or all of the following rim fire cartridges: 22 short, 22 long, 22 long rifle, and 22 shot, as accurately as any rifle made.

Blued frame, black walnut stock, rubber butt-plate, removable sideplate, Rocky Mountain front and rear sights.

No. 2124—22 caliber, 24 in. round barrel, rubber shot gun butt, weight 5½ lbs.....each **$13.75**

No. 2224—22 caliber, 24 in. octagon barrel, rubber shot gun butt, weight 5½ lbs..... " **14.75**

No. 2226—22 caliber, 26 in. octagon barrel, rubber shot gun butt, weight 5⅞ lbs..... " **16.25**

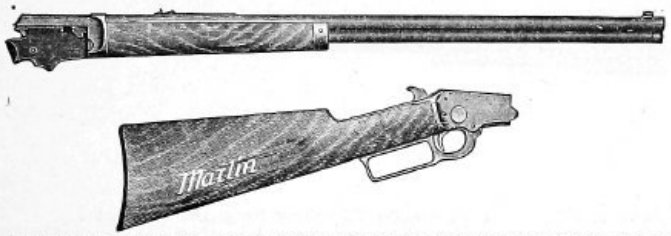
Capacity of magazines 25 short cartridges, 20 long cartridges, 18 long rifle cartridges.

Blued Frame, Blued Metal Rifle Butt-plate, Black Walnut Stock, Rocky Mountain Sights.

No. 2324—32 caliber, 24 in. round barrel, magazine will hold 17 short or 14 long cartridges, rim or center fire weight 5½ lbs.....each **$13.75**

No. 2424—32 caliber, 24 in. octagon barrel, magazine will hold 17 short or 14 long cartridges, rim or center fire, weight 5½ lbs..... " **14.75**

MARLIN RIFLES.



MODEL 1897.

This rifle is similar in construction to the model of 1892 in take down form, with many important improvements.

In external appearance the following differences may be noted. The larger thumb screws and the finely tapered barrel, which, with the neat rubber butt-plate, give the arm a light and graceful appearance.

The receiver is made of the special steel used in the high power smokeless rifles, which insures a solid rifle, and is finely case-hardened, adding greatly to the appearance and durability of the same.

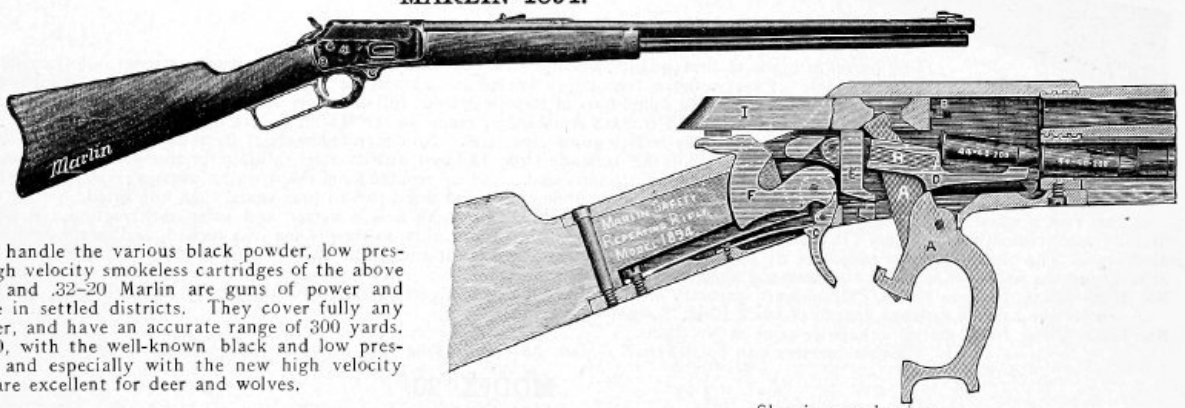
Case-Hardened Frame, Black Walnut Stock, Rocky Mountain Rear and Ivory Bead Front Sights.

No. 1124 —22 caliber, 24 in. round tapered barrel, rubber shot gun butt, w't 5¾ lbs ..... each $15.35
No. 1224 —22 caliber, 24 in. octagon tapered barrel, rubber shot gun butt, w't 5¾ lbs ..... " 17.00
No. 1226 —22 caliber, 26 in. octagon tapered barrel, rubber shot gun butt, w't 5¾ lbs. ..... " 18.60
No. 1284½—22 caliber, 24 in. half octagon tapered barrel, rubber shot gun butt, checkered pistol grip stock and fore-end, w't 5¾ lbs. ..... " 24.60

Capacity of magazines 25 short cartridges, 20 long cartridges, 18 long rifle cartridges.

TEN IN A CASE.

MARLIN 1894.



Showing mechanism.

Model 1894 rifles handle the various black powder, low pressure smokeless and high velocity smokeless cartridges of the above calibers. The .25–20 and .32–20 Marlin are guns of power and range, yet safe to use in settled districts. They cover fully any game smaller than deer, and have an accurate range of 300 yards. The .38–40 and .44-40, with the well-known black and low pressure smokeless loads, and especially with the new high velocity smokeless cartridges, are excellent for deer and wolves.

Case-Hardened Frame and Lever, Blued Breech Bolt, Blued Rifle Butt-Plate, Black Walnut Stock, Rocky Mountain Sights.

No. 2524—25-20 caliber, 24 in. round barrel, 14 shots, w't 7½ lbs. ..... each $13.35
No. 2624—25-20 caliber, 24 in. octagon barrel, 14 shots, w't 7¼ lbs. ..... " 14.40
No. 2626—25-20 caliber, 26 in. octagon barrel, 15 shots, w't 7½ lbs. ..... " 16.00
No. 3189—32-20 caliber, 24 in. round barrel, 14 shots, w't 7½ lbs. ..... " 13.35
No. 3289—32-20 caliber, 24 in. octagon barrel, 14 shots, w't 7 lbs. ..... " 14.40
No. 3426—32-20 caliber, 26 in. octagon barrel, 15 shots, w't 7½ lbs. ..... " 16.00
No. 3724—38-40 caliber, 24 in. round barrel, 14 shots, w't 7½ lbs. ..... " 13.35
No. 3824—38-40 caliber, 24 in. octagon barrel, 14 shots, w't 7 lbs. ..... " 14.40
No. 4424—44-40 caliber, 24 in. octagon barrel, 14 shots, w't 7 lbs. ..... " 14.40

TEN IN A CASE.

MARLIN SAFETY CARBINES.

MODEL 1894.

No. 8925—25-20 caliber, 20 in. round barrel, 12 shots, w't 6¾ lbs. ..... each $13.35
No. 8932—32-20 caliber, 20 in. round barrel, 12 shots, w't 6½ lbs. ..... " 13.35
No. 8938—38-40 caliber, 20 in. round barrel, 12 shots, w't 6¼ lbs. ..... " 13.35
No. 8944—44-40 caliber, 20 in. round barrel, 12 shots, w't 6 lbs. ..... " 13.35

For description see rifles of corresponding model.

TEN IN A CASE.

MODEL 1893.

No. 8930—30-30 caliber, 20 in. round barrel, 7 shots, w't 7 lbs. ..... each $15.50
No. 8940—32-40 caliber, 20 in. round barrel, 7 shots, w't 6¾ lbs. ..... " 15.50
No. 9320—30-30 caliber, 20 in. octagon barrel, 7 shots, w't 7¼ lbs. ..... " 15.50

For description see rifles of corresponding model.

TEN IN A CASE.

MARLIN SAFETY REPEATING RIFLES.

MODEL 1893.

Model 1893 Rifle with "Smokeless Steel" Barrels. Special Features.

The special smokeless steel used in the manufacture of the barrel, receiver and breech bolt is guaranteed to be made according to the regulation specifications of the United States government for the new 30 caliber army rifle. Elastic limit 70,000 lbs., tensile strength 100,000 lbs., to 120,000 lbs. to the square inch. The Marlin Co. is the only one making the 32-40 and 38-55 rifle of the special smokeless steel, making these calibers just as strong and durable as the 30-30.

These Model 1893 rifles are quick handling, powerful, accurate guns, built in perfect proportion throughout, with the simplest and strongest mechanism used in any high power repeater. They are made especially to stand the continued use of high power smokeless loads with jacketed bullets, and are ideal guns for shooting bear, moose, deer and all American big game.

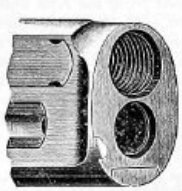
Before.

After.

Case-Hardened Frame, Breech Bolt and Finger Lever, Black Walnut Stock, Blued Rifle Butt Plate, Rocky Mountain Front and Rear Sights.

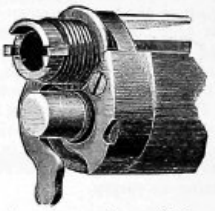
No. 2636 —25-36 caliber, 26 in. octagon taper barrel, 10 shots, w't 8 lbs. ..... each $17.00
No. 6306 —30-30 caliber, 26 in. nickel steel round taper barrel, 10 shots, w't 8 lbs. ..... " 16.50
No. 6406 —30-30 caliber, 26 in. nickel steel octagon taper barrel, 10 shots, w't 7⅞ lbs., rifle butt ..... " 17.00
No. 6408 —30-30 caliber, 28 in. nickel steel octagon taper barrel, 10 shots, w't 8 lbs ..... " 18.50
No. 6406½—30-30 caliber, 26 in. nickel steel half octagon taper barrel, half magazine, 5 shots, w't 7¾ lbs. ..... " 17.00
No. 3826 —38-55 caliber, 26 in. octagon taper barrel, 10 shots, w't 7¾ lbs. ..... " 17.00

"TAKE DOWN," MODELS 1893, 1894.



Cut showing section of Receiver when Rifle is taken apart.

Cut showing Rifle when taken apart.



Cut showing section of Barrel and Magazine when Rifle is taken apart.

To Take Rifle Apart.—Draw out the magazine. Throw forward the lever to remove the breech bolt from the barrel Loosen cam and unscrew.

To Put the Rifle Together.—See that the magazine is drawn out and the lever thrown down. Screw barrel into receiver. Tighten cam. Push down magazine.

Model 1893, Special Light Weight, Case-Hardened Frame, Breech Bolt and Finger Lever, Black Walnut Blued Rifle Butt Plate, Rocky Mountain Front and Rear Sights.

No. 6406 TD—30-30 caliber, 26 in. octagon barrel, 10 shots, w't 8⅛ lbs. ..... each $21.00
No. 6406½TD—30-30 caliber, 26 in. half octagon barrel, half magazine, 5 shots, w't 7¾ lbs. ..... " 21.00
No. 6486 TD—30-30 caliber, 26 in. octagon barrel, shot gun butt, pistol grip, 10 shots, w't 7⅛ lbs. ..... " 25.00
No. 3226 TD—32-40 caliber, 26 in. octagon barrel, 10 shots, w't 7⅞ lbs. ..... " 21.00

Model 1894, Special Light Weight, Case-Hardened Frame, Breach Bolt and Finger Lever, Black Walnut Blued Rifle Butt Plate, Rocky Mountain Front and Rear Sights.

No. 2624TD—25-20 caliber, 24 in. octagon barrel, 14 shots, w't 7½ lbs. ..... each $18.40
No. 2626TD—25-20 caliber, 26 in. octagon barrel, 15 shots, w't 7¾ lbs. ..... " 20.00

TEN IN A CASE.

RIFLES.

STANDARD REPEATING.

No. 1H—30-30 caliber, 25 in. barrel, six shots, take-down, round tapered ordnance steel barrel, positive safety fitted with ivory tip front and sporting rear sights, designed for 30-30 caliber rimless high power smokeless cartridges, bronze metal butt-plate and action slide, fine Circassian walnut stock, shot gun butt, length of stock 13¼ in., drop 2½ in., w't 7 lbs.....each $30.00

This is a new hand operated repeating rifle which is particularly adapted for high power ammunition. It has a strong action, is simple in construction and is a superior arm in every respect. All rifles are thoroughly tested before leaving the factory and a guarantee for accuracy of fire and perfection of material and workmanship go with each rifle.

STANDARD AUTOMATIC.

No. 1A—30-30 caliber, 25 in. barrel six shots, round tapered ordance steel barrel, positive safety, fitted with ivory tip front and sporting rear sight, designed for 30-30 caliber rimless high power smokeless cartridges, bronze metal butt-plate and action slide, fine Circassian walnut stock, shot gun butt, length of stock 13¼ in., drop 2½ in., w't 7¾ lbs.....each $35.00
No. 2A—32 caliber, otherwise the same as No. 1A, w't 7¾ lbs. " 35.00

This is a hammerless automatic rifle with great velocity, long range and flat trajectory. The solid breech-loading mechanism conserves all the energy of the explosion to impart the greatest possible velocity to the projectile, and the barrel being rigid with the frame and receiver, insures accuracy at both long and short range.

The rifle is operated by gas pressure in the following manner: the bullet, moving through the barrel, driven by power of the explosive gas, passes over a small port near the muzzle. This port admits about six pounds of gas pressure which acts upon a piston, causing a rearward motion which is transmitted through connecting rods to the bolt cams. This rearward motion unlocks the bolt, withdraws and ejects the empty shell, and compresses the main spring. The bullet passing out at the muzzle instantly relieves the gas pressure on the piston and permits the main spring to impart a forward motion to the bolt, placing the next cartridge in the chamber, and locking and cocking the rifle. The operator has only to maintain his aim and press the trigger until the magazine is empty.

The mechanism is strong and simple, with few parts, and is not easily broken or rendered inoperative. Barrels heretofore used have a record of many more shots than the life of the average rifle. The barrels are practically indestructible for sporting purposes if factory loaded ammunition of any standard make be used.

SAVAGE MAGAZINE.

No. 7422—22-caliber, hammerless, chambered for 22 short, 22 long and 22 long rifle cartridges, rim fire, 24 in. octagon barrel, steel rifle butt-plate, pistol grip, 7 shots, w't 5⅜ lbs., with extra magazine.....each $14.00
Extra Magazines, for No. 7422 rifle..... " .40

This rifle has many improvements over the ordinary 22 calibers, including box magazine, safety catch, hammerless action, weight and construction.

SAVAGE MAGAZINE.

No. 7106 —25-35 caliber, center fire, 26 in. round barrel, steel shot gun butt-plate, 6 shots, w't 7½ lbs.....each $20.00
No. 7302 —.303 caliber, center fire, 22 in. round barrel, steel shot gun butt-plate, 6 shots, w't 6⅞ lbs.....each 20.00
No. 7306 —.303 caliber, center fire, 26 in. round barrel, steel rifle butt-plate, 6 shots, w't 7½ lbs.....each 20.00
No. 7502 —30-30 caliber, center fire, 22 in. round barrel, shot gun butt, 6 shots, w't 7¼ lbs.....each 20.00
No. 7506 —30-30 caliber, center fire, 26 in. round barrel, steel rifle butt-plate, 6 shots, w't 7½ lbs.....each 20.00
No. 7406½ —.303 caliber, center fire, 26 in. half octagon barrel, rifle butt, 6 shots, w't 7¾ lbs.....each 21.50
No. 7603½ —30-30 caliber, center fire, 26 in. half octagon barrel, rifle butt, 6 shots, w't 7¾ lbs.....each 21.50
No. 7206 —25-35 caliber, center fire, 26 in. octagon barrel, steel rifle butt-plate, 6 shots, w't 7¾ lbs.....each 21.50
No. 7406 —.303 caliber, center fire, 26 in. octagon barrel, rifle or shot gun butt, 6 shots, w't 7½ lbs.....each 21.50
No. 7406PG—Pistol grip, otherwise same as No. 7406..... " 24.00
No. 7606 —30-30 caliber, center fire, 26 in. octagon barrel, rifle or shot gun butt, 6 shots, w't 7¾ lbs.....each 21.50

Savage rifles are accurately made, finely fitted, and beautifully finished. The barrel is blued, frame blued and polished, lever and butt-plate case-hardened. Fine walnut stock, sporting front and rear sights.

CARBINES.

Model 1899.

No. 7320—.303 caliber, center fire, 20 in. round barrel, 6 shots, w't 7¼ lbs.....each $20.00
No. 7520—30-30 caliber, center fire, 20 in. round barrel, 6 shots, w't 7¼ lbs.....each 20.00

The rifle can be alternately and automatically used as a single loading and as a magazine rifle.

A numerical indicator exposed through an opening in the frame always shows the number of cartridges contained in the magazine, and also shows when the magazine is empty.

Magazine cartridges can be safely removed from the rifle without cocking the firing mechanism. Cartridges are loaded into the magazine through the breech opening, thereby obviating any necessity for hinged trap doors, fillers or any coverings. Dangers arising from the use of high explosive powders in shells having defective heads or primers are wholly overcome by providing a solid steel breeching shoulder between the eyes and head of the operator and the chamber, making it impossible for the powder gas to escape to the rear.

SAVAGE MAGAZINE TAKE-DOWN.

Model 1899.

No. 7306TD—Take down, 303 caliber, center fire, 26 in. round barrel, steel rifle butt-plate, 6 shots, w't 7¾ lbs.....each $25.00
No. 7302TD—Take down, 303 caliber, center fire, 22 in. round barrel, steel rifle butt-plate, 6 shots, w't 7½ lbs.....each 25.00
No. 7506TD—Take down, 30-30 caliber, center fire, 26 in. round barrel, steel rifle butt-plate, 6 shots, w't 7¾ lbs.....each 25.00
No. 7502TD—Take down, 30-30 caliber, center fire, 22 in. round barrel, steel rifle butt-plate, 6 shots, w't 7½ lbs.....each 25.00

MODEL 1899, FEATHERWEIGHT.

No. 7320F—303 caliber, center fire, 20 in. round barrel, shot gun butt, 6 shots, w't 6 lbs.....each $26.00
No. 7520F—30-30 caliber, center fire, 20 in. round barrel, shot gun butt, 6 shots, w't 6 lbs.....each 26.00

A rifle that can be easily taken apart offers many advantages to the user, both for convenience in carrying and ease in cleaning.

TEN IN A CASE.

RIFLES.

REMINGTON AUTO-LOADING REPEATING.

Take Down, Solid Breech, Hammerless, 5 Shots.

No. 35—35 cal., 22 in. blued steel barrel, plain walnut stock, straight grip, shot gun butt, rubber butt-plate, blued trimming, w't 7¾ lbs.....each $30.00
No. 32—32 cal., otherwise the same as No. 35, w't 7¾ lbs... " 30.00
No. 30—30 cal., otherwise the same as No. 35, w't 7¾ lbs... " 30.00
No. 25—25 cal., otherwise same as No. 35, w't 7¾ lbs..... " 30.00

Chambered for new 25, 30, 32 and 35 Remington Auto-loading rimless central fire cartridges, smokeless powder, metal case, soft point.

Rimless Cartridges, Smokeless Powder.

35—Remington Auto-Loading, *metal case*.....per thousand $42.00
35—Remington Auto-Loading, *soft point*..... " 42.00
32—Remington Auto-Loading, *metal case*..... " 38.00
32—Remington Auto-Loading, *soft point*..... " 38.00
30-30—Remington Auto-Loading, *metal case*..... " 38.00
30-30—Remington Auto-Loading, *soft point*..... " 38.00
25—Remington Auto-Loading, *metal case*..... " 33.00
25—Remington Auto-Loading, *soft point*..... " 33.00

WINCHESTER.

Target Thumb Trigger Model.

No. 720—22 cal., rim fire, shoots 22 short and 22 long cartridges, 18 in. round blued steel barrel, take-down rebounding lock, bolt action, 13¼ in. highly finished straight grip stock, checkered butt-plate, entire length 33¼ in., w't 3 lbs.....each $3.50

When the gun is cocked, the action is locked against opening until firing pin falls. The gun is cocked by pulling rearward on the firing pin, which is made with a knurled head to afford a good grip. It is furnished with an open rear sight, and with a Winchester front sight having a bright alloyed tip, which will not tarnish. The sights are accurately set by shooting at a target.

TEN IN A CASE.

Bolt Action.

No. 718—22 cal., 18 in. round blued steel barrel, rifled, take-down, shoots 22 short, 22 long cartridges, or BB caps, w't 2¾ lbs.each $5.00

Bolt Action.

No. 719—22 cal., 21 in. take-down, heavy round barrel, adjustable rear sight, bead point sight with bright alloyed tip, highly finished Schuetzen butt stock, shoots 22 short and long cartridges, w't 4 lbs.....each $6.00

WINCHESTER.

Repeating, Take Down, Model 1906.

No. 702—22 cal., rim fire, 22 short, 22 long and 22 long rifle, 20 in. round barrel fitted with sporting front sight and adjustable open rear sight, 35¼ in. length over all, stock 1⁹⁷⁄₈ in. long, rubber butt-plate, magazine holds 15 cartridges, w't 5 lbs..each $10.50

Repeating, Model 1890.

No. 704—22 cal., short, 24 in. octagon barrel, plain trigger, 15 shots, w't 5¾ lbs.....each $16.00
No. 705—22 cal., long, 24 in. octagon barrel, plain trigger, 12 shots, w't 5¾ lbs.....each 16.00
No. 706—22 W. R. F. cal., 24 in. octagon barrel, plain trigger, 10 shots, w't 5¾ lbs.....each 16.00

Automatic.

No. 724—22 cal., hammerless, rim fire, 20 in. round barrel, 10 shots, w't 5¾ lbs.....each $25.00

The Winchester Model 1903, is a ten-shot, automatic, hammerless, take-down rifle, adapted to a new 22 caliber rim fire cartridge loaded with smokeless powder and greaseless bullet. It is simple in construction and operation. The rifle has grace of outline, light weight, certainty of operation, ease of manipulation and novelty of action, making it a most desirable and up-to-date gun. There are innumerable uses for which this rifle will be found particularly well adapted, among them being wing shooting or fancy shooting. In ordering ammunition specify 22 Winchester Automatic.

Single Shot, Octagon Barrel, Plain Trigger.

No. 5104—22 short, rim fire, 24 in., w't 7 lbs.....each $16.00
No. 5106—22 short, rim fire, 26 in., w't 7 lbs..... " 17.00
No. 5108—25-20 shot, center fire, 28 in., w't 7 lbs..... " 16.00
No. 7100—32-40 shot, center fire, 30 in., w't 7 lbs..... " 16.00

Model 1892.
Full Magazine, Fourteen Shots.

No. 190—25-20 cal., 24 in. round barrel, w't 7½ lbs.....each $18.00
No. 191—25-20 cal., 24 in. octagon barrel, w't 7½ lbs..... " 19.50
No. 192—32-20 cal., 24 in. round barrel, w't 7 lbs..... " 18.00
No. 193—32-20 cal., 24 in. octagon barrel, w't 7¼ lbs..... " 19.50
No. 194—38-40 cal., 24 in. round barrel, w't 7 lbs..... " 18.00
No. 195—38-40 cal., 24 in. octagon barrel, w't 7¼ lbs..... " 19.50
No. 196—44-40 cal., 24 in. round barrel, w't 6¾ lbs..... " 18.00
No. 197—44-40 cal., 24 in. octagon barrel, w't 6⅝ lbs..... " 19.50

WINCHESTER REPEATING RIFLES.

MODEL 1892 CARBINES.

Round Barrel, Plain Trigger.

No. 2020—25-20 cal., 20 in., 12 shots, w't 6 lbs. ..... each $17.50
No. 2220—32-20 cal., 20 in., 12 shots, w't 6 lbs. ..... " 17.50
No. 2216—32-20 cal., 16 in., 8 shots, w't 5¾ lbs. ..... " 17.50
No. 2420—38-40 cal., 20 in., 12 shots, w't 6 lbs. ..... " 17.50
No. 2416—38-40 cal., 16 in., 8 shots, w't 5¾ lbs. ..... " 17.50
No. 2620—44-40 cal., 20 in., 12 shots, w't 5¾ lbs. ..... " 17.50
No. 2616—44-40 cal., 16 in., 8 shots, w't 5¾ lbs. ..... " 17.50

MODEL 1894 RIFLES AND CARBINES.

No. 2306 —25-35 cal., 26 in. octagon barrel, 9 shots, w't 7¾ lbs., each $24.50
No. 2320 —25-35 cal., 20 in. round barrel *carbine*, 7 shots, w't 6¼ lbs. ..... each 21.00
No. 2406 —30-30 cal., 26 in. round barrel, 9 shots, w't 7¾ lbs., each 23.00
No. 2506 —30-30 cal., 26 in. octagon barrel, 9 shots, w't 7¾ lbs., each 24.50
No. 2506½ —30-30 cal., 26 in. half octagon barrel, half magazine, shotgun butt, 5 shots, w't 7½ lbs. 25.00
No. 2506TD—30-30 cal., 26 in. octagon barrel, take down, 9 shots, w't 7¾ lbs. ..... each 29.50
No. 2502 —30-30 cal., 20 in. octagon barrel, 7 shots, w't 7 lbs., each 23.00
No. 2720 —30-30 cal., 20 in. round barrel *carbine*, 7 shots, w't 6½ lbs. ..... each 21.00
No. 2120 —32 W. S. cal., 20 in., round barrel *carbine*, 7 shots, w't 6½ lbs. ..... each 21.00
No. 2106 —32 W. S. cal., 26 in. octagon barrel, 10 shots, w't 7¾ lbs. ..... each 24.50
No. 2106½ —32 W. S. cal., 26 in. half octagon barrel, half magazine, shotgun butt, 5 shots, w't 7½ lbs. ..... each 25.00
No. 2106TD—32 W. S. cal., 26 in. octagon barrel, take down, 10 shots, w't 7¼ lbs. 29.50
No. 3606 —32-40 cal., 26 in. round barrel, 9 shots, w't 7¾ lbs., each 18.00
No. 3706 —32-40 cal., 26 in. octagon barrel, 9 shots, w't 7¾ lbs., each 19.50
No. 3806 —38-55 cal., 26 in. round barrel, 9 shots, w't 7½ lbs., each 18.00
No. 3906 —38-55 cal., 26 in. octagon barrel, 9 shots, w't 7½ lbs., each 19.50
No. 3906½ —38-55 cal., 26 in. half octagon barrel, half magazine, shotgun butt, 5 shots, w't 7½ lbs. ..... each 20.00
No. 3906TD—38-55 cal., 26 in. octagon barrel, take down, 9 shots, w't 8 lbs. ..... each 26.50
No. 2820 —38-55 cal., 20 in. round barrel *carbine*, 7 shots, w't 6¼ lbs. ..... each 17.50

TEN IN A CASE.

MODEL 1886.

Plain Trigger, Blued Frame.

No. 3306—38-56 cal., 26 in. octagon barrel, 9 shots, w't 9¼ lbs., each $21.00
No. 3404—33 cal., 24 in. round barrel, 8 shots, w't 7¾ lbs., ivory hunting front sight ..... each 25.00
No. 2906—45-70 cal., 26 in. octagon barrel, 9 shots, w't 8¾ lbs., each 21.00
No. 3106—45-90 cal., 26 in. octagon barrel, 8 shots, w't 9¼ lbs., " 21.00

TEN IN A CASE.

RIFLE CARTRIDGE BUSHINGS.

No. 400—Winchester supplemental ..... per dozen $7.20

These bushings are made by the Winchester Repeating Arms Co. for .22 caliber S. & W. Cartridges. Will fit any 303, 30-30 or 30-40 caliber rifle.

MODEL 1895.

No. 3048—30 U. S. Army cal., 28 in. round nickel steel barrel, 6 shots, w't 8¼ lbs. ..... each $30.00
No. 2920—30 U. S. Army cal., 22 in. round barrel *carbine*, plain trigger, 6 shots, w't 8 lbs. ..... each 30.00
No. 3976—38-72 cal., 26 in. octagon barrel, w't 7½ lbs. ..... " 25.00
No. 5024—35 cal., 24 in. round nickel steel barrel, 5 shots, w't 8½ lbs. ..... each 30.00

SELF-LOADING, TAKE DOWN.

Model 1905.

No. 7032—32 cal., 22 in. round barrel, plain walnut stock and forearm, w't 7½ lbs. ..... each $28.00
No. 7035—35 cal., otherwise same as 7032 ..... " 28.00
Extra Magazines with follower guides for Nos. 7032 and 7035.. " 1.50

Model 1907.

No. 351—351 cal., 20 in., round nickel steel barrel, pistol grip, plain walnut stock, not checkered, 6 shots, w't 7¾ lbs. ..... each $28.00
Extra Magazine for No. 351 ..... " 1.50

MAXIM SILENCERS.

Blued Steel.

22 cal.,	each	$5.50	
25-20 cal.,	"	7.00	
25-35 cal☆	"	7.00	
30-30 cal.,	"	8.00	
303 cal.,	"	8.00	
32 cal. Special★	each	$8.00	38 cal.★ ..... " 10.00
33 cal.★	"	8.00	44 cal.☆ ..... " 10.00
35 cal.★	"	8.00	405 cal.☆ ..... " 10.00
351 cal.	"	8.00	Fitting to rifles..extra " 3.00

In a rifle equipped with this device, the bullet passes through the silencer without the slightest loss in velocity, accuracy or penetration.

The interior construction of the silencer is such that the powder gases are caught the moment they leave the muzzle of the barrel and are whirled very rapidly, gradually losing their force and escaping without the sharp report one is accustomed to hear.

There is no delicate mechanism to get out of order.

It is only necessary to cut a short screw thread on the muzzle to fasten the silencer.

As the bore of the silencer is much larger than the bullet the velocity, accuracy or penetration is not effected.

There is no interference with sighting and the balance is not impaired. In fact, experience shows that the small increase in weight at the muzzle helps in target shooting, as does the reduction in the recoil, due to the presence of the silencer.

To obtain the best results we recommend the use of Peters' SMOKELESS ammunition. The silencer should not be used with black powder cartridges.

Our repair department is equipped with the necessary tools for fastening the silencer, saving the customer the expense in sending the rifle to the factory

★*FOR FACTORY EQUIPMENT ONLY.*

WINCHESTER BREECH LOADING CANNON.

For Saluting and Celebrating.

No. 100—10 gauge, 12 in., rolled steel, blued barrel, cylinder bored, japanned cast iron frame, 35⅝ in. wheels, entire length 17 in., 7¼ in. wide, w't 14 lbs. ..... each $7.00

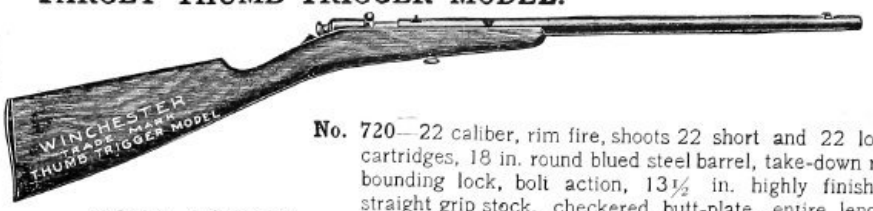
It is simple in construction and easy to handle. Either brass or paper shells can be used. A proper extractor is provided for taking out the fired shell. The barrel can be raised or lowered by elevating a screw placed underneath it. The load is 9 drams of black powder with two black edge wads and one cardboard wad to produce the loudest report.

10 Gauge Shells, loaded with 8½ drs. black powder, for above.. per 100 $2.50

WINCHESTER RIFLES.

TARGET THUMB TRIGGER MODEL.

When the gun is cocked, the action is locked against opening until firing pin falls. The gun is cocked by pulling rearward on the firing pin, which is made with a knurled head to afford a good grip. It is furnished with an open rear sight, and with a Winchester front sight having a bright alloyed tip, which will not tarnish. The sights are accurately set by shooting at a target.



No. 720—22 caliber, rim fire, shoots 22 short and 22 long cartridges, 18 in. round blued steel barrel, take-down rebounding lock, bolt action, 13½ in. highly finished straight grip stock, checkered butt-plate, entire length 33¼ in., w't about 3 lbs., - - - - - each $3.50

BOLT ACTION.

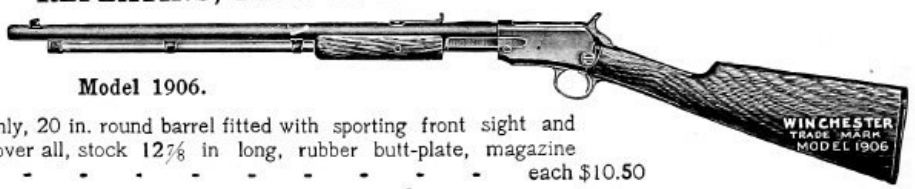
No. 718, Model 1902.

No. 718—22 caliber, 18 in. round blued steel barrel, rifled take down, shoots 22 short, 22 long cartridges, or BB caps, w't 2¾ lbs., - - - - - - each 5.00

No. 719, Model 1904.

No. 719—22 caliber, 21 in. take down, heavy round barrel, adjustable rear sight, bead point sight with bright alloyed tip, highly finished Schuetzen butt stock, shoots 22 short and long cartridges, w't 4 lbs., each $6.00

REPEATING, TAKE DOWN.



Model 1906.

No. 702—22 caliber, rim fire, short cartridge only, 20 in. round barrel fitted with sporting front sight and adjustable open rear sight, 35¾ in. length over all, stock 12⅞ in long, rubber butt-plate, magazine holds 15 cartridges, w't about 5 lbs., - - - - - - - - - - - each $10.50

Model 1890.

No. 704—22 caliber, short, 24 in. octagon barrel, plain trigger, 15 shots, weight about 5¾ lbs., - - - - - - each $16.00
No. 705—22 caliber, long, 24 in. octagon barrel, plain trigger, 12 shots, weight about 5¾ lbs., - - - - - - " 16.00
No. 706—22 W. R. F. caliber, 24 in. octagon barrel, plain trigger, 10 shots, weight about 5¾ lbs., - - - - - - " 16.00

AUTOMATIC.

No. 724—22 caliber, hammerless, rim fire, 20 in. round barrel, 10 shots, weight 5¾ lbs., - - - - - - - each $25.00

The Winchester Model 1903, is a ten-shot, automatic, hammerless, take-down rifle, adapted to a new 22 caliber rimfire cartridge loaded with smokeless powder and greaseless bullet. It is simple in construction and operation. The rifle has grace of outline, light weight, certainty of operation, ease of manipulation and novelty of action, making it a most desirable and up-to-date gun. There are innumerable uses for which this rifle will be found particularly well adapted, among them being wing shooting or fancy shooting. In ordering ammunition specify 22 Winchester Automatic.

SINGLE SHOT.

No. 5104—22 short, rim fire, 24 in. octagon barrel, plain trigger, w't about 7 lbs., - - - - - - - - each $15.00
No. 5106—22 short, rim fire, 26 in, octagon barrel, plain trigger, w't about 7 lbs., - - - - - - - - " 16.00
No. 6206—32 long, rim fire, 26 in. octagon barrel, plain trigger, w't about 7 lbs., - - - - - - - - " 15.00
No. 5126—22 WINCHESTER, center fire, 26 in. octagon barrel, plain trigger, w't about 7 lbs., - - - - - - " 15.00
No. 5108—25-20 single shot, center fire, 28 in. octagon barrel, plain trigger, w't abont 7 lbs., - - - - - - " 15.00
No. 7100—32-30 single shot, center fire, 30 in. octagon barrel, plain trigger, w't about 7 lbs., - - - - - - " 15.00

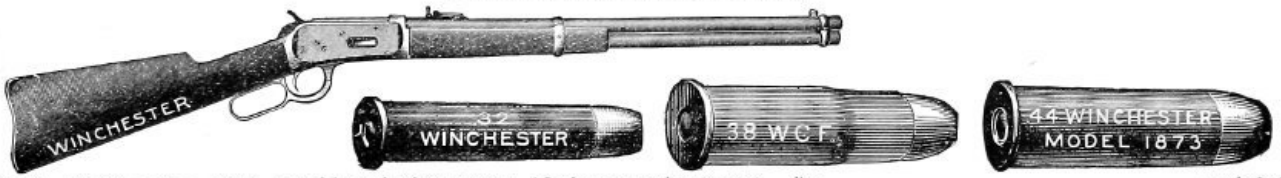
ALL THE ABOVE RIFLES TEN IN A CASE.

WINCHESTER REPEATING RIFLES.

MODEL 1892.

No. 190—25-20 caliber, 24 in. round barrel, full magazine, 14 shots, weight 7½ lbs., - - - - - - - - each $18.00
No. 191—25-20 caliber, 24 in. octagon barrel, full magazine, 14 shots, weight 7½ lbs., - - - - - - - - " 19.50
No. 192—32-20 caliber, 24 in. round barrel, full magazine, 14 shots, weight 7 lbs., - - - - - - - - " 18.00
No. 193—32-20 caliber, 24 in. octagon barrel, full magazine, 14 shots, weight 7¼ lbs., - - - - - - - - " 19.50
No. 194—38-40 caliber, 24 in. round barrel, full magazine, 14 shots, weight 7 lbs., - - - - - - - - " 18.00
No. 195—38-40 caliber, 24 in. octagon barrel, full magazine, 14 shots, weight 7¼ lbs., - - - - - - - - " 19.50
No. 196—44-40 caliber, 24 in. round barrel, full magazine, 14 shots, weight 6¾ lbs., - - - - - - - - " 18.00
No. 197—44-40 caliber, 24 in. octagon barrel, full magazine, 14 shots, weight 6⅝ lbs., - - - - - - - - " 19.50

MODEL 1892 CARBINES.



No. 2020—25-30 caliber, 20 in. round barrel, plain trigger, 12 shots, weight about 6 lbs., - - - - - - each $17.50
No. 2220—32-20 caliber, 20 in. round barrel, plain trigger, 12 shots, weight about 6 lbs., - - - - - - " 17.50
No. 2216—32-20 caliber, 16 in. round barrel, plain trigger, 8 shots, weight about 5¾ lbs., - - - - - - " 17.50
No. 2420—38-40 caliber, 20 in. round barrel, plain trigger, 12 shots, weight about 6 lbs., - - - - - - " 17.50
No. 2416—38-40 caliber, 16 in. round barrel, plain trigger, 8 shots, weight about 5¾ lbs., - - - - - - " 17.50
No. 2620—44-40 caliber, 20 in. round barrel, plain trigger, 12 shots, weight about 5¾ lbs., - - - - - - " 17.50
No. 2616—44-40 caliber, 16 in. round barrel, plain trigger, 8 shots, weight about 5¾ lbs., - - - - - - " 17.50

MODEL 1894 RIFLES AND CARBINES.

No. 2306 —25-35 caliber, 26 in. octagon barrel, 9 shots, weight 7¾ lbs., - - - - - - - - each $23.00
No. 2320 —25-35 caliber, 20 in. round barrel *carbine*, 7 shots, weight 6¼ lbs., - - - - - - - - " 21.00
No. 2406 —30-30 caliber, 26 in. round barrel, 9 shots, weight 7¾ lbs., - - - - - - - - " 23.00
No 2506 —30-30 caliber 26 in octagon barrel 9 shots weight 7¾ lbs. - - - - - - - - " 23.00
No. 2506½ —30-30 caliber, 26 in. half octagon barrel, half magazine, shotgun butt, 5 shots, weight 7¼ lbs., - - - - " 23.00
No. 2506TD—30-30 caliber, 26 in. octagon barrel, take down, 9 shots, weight 7¾ lbs., - - - - - - " 28.00
No. 2502 —30-30 caliber, 20 in. octagon barrel, 7 shots, weight 7 lbs., - - - - - - - - " 23.00
No. 2720 —30-30 caliber, 20 in. round barrel *carbine*, 7 shots, weight 6½ lbs., - - - - - - - - " 21.00

No. 2120 —32 W. S. caliber, 20 in. round barrel *carbine*, 7 shots, weight 6½ lbs., - - - - - - - - each $21.00
No. 2106 —32 W. S. caliber, 26 in. octagon barrel, 10 shots, weight 7¾ lbs., - - - - - - - - " 23.00
No. 2106½—32 W. S. caliber, 26 in. half octagon barrel, half magazine, shotgun butt, 5 shots, weight 7½ lbs. - - - " 23.00
No. 2106TD—32 W. S. caliber, 26 in. octagon barrel, take down, 10 shots, weight 7¼ lbs., - - - - - - " 28.00
No. 3606 —32-40 caliber, 26 in. round barrel, 9 shots, weight 7¾ lbs., - - - - - - - - " 18.00
No. 3706 —32-40 caliber, 26 in. octagon barrel, 9 shots, weight 7¾ lbs., - - - - - - - - " 19.50
No. 3806 —38-55 caliber, 26 in. round barrel, 9 shots, weight 7½ lbs., - - - - - - - - " 18.00
No. 3906 —38-55 caliber 26 in. octagon barrel, 9 shots, weight 7½ lbs. - - - - - - - - " 19.50
No. 3906½ 38-55 caliber, 26 in. half octagon barrel, half magazine, shotgun butt, 5 shots, weight 7½ lbs., - - - - " 19.50
No. 3906TD—38-55 caliber, 26 in. octagon barrel, take down, 9 shots, weight 8 lbs., - - - - - - - - " 25.00
No. 2820 —38-55 caliber, 20 in round barrel *carbine*, 7 shots, weight 6¼ lbs., - - - - - - - - " 17.50

TEN IN A CASE.

RIFLE CARTRIDGE BUSHINGS.

No. 400—Winchester Supplementa., - - per dozen $7.20

These Bushings are made by the Winchester Repeating Arms Co. for 32 caliber S. & W. Cartridges. Will fit any 303, 30-30 or 30-40 caliber rifle.

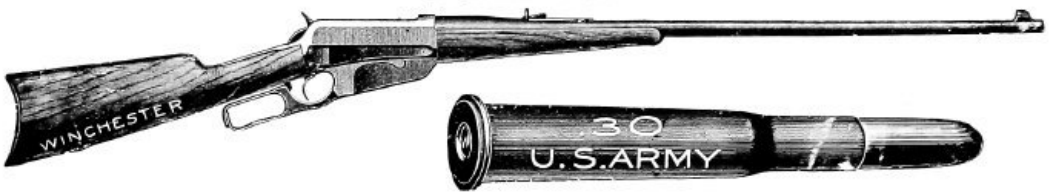
WINCHESTER REPEATING RIFLES.

MODEL 1886.

No. 3306—38-56 caliber, 26 in. octagon barrel, plain trigger, case-hardened, 9 shots, weight 9¼ lbs., - - - - each $21.00
No. 3404—33 caliber, 24 in. round steel barrel, 8 shots, weight 7¾ lbs., ivory hunting front sight, - - - - " 25.00
No. 2706—40-82 caliber, 26 in. octagon barrel, plain trigger, case hardened, 8 shots, weight 9¼ lbs., - - - - " 21.00
No. 2906—45-70 caliber, 26 in. octagon barrel, plain trigger, case-hardened, 9 shots, weight 8¾ lbs., - - - - " 21.00
No. 3106—45-90 caliber, 26 in. octagon barrel, plain trigger, case hardened, 8 shots, weight 9¼ lbs., - - - - " 21.00

TEN IN A CASE.

MODEL 1895.



No. 3048—30 U. S. Army caliber, 28 in. round nickel steel barrel, 6 shots, weight 8¼ lbs., - - - - - - each $30.00
No. 2920—30 U. S. Army, 22 in. round barrel carbine, plain trigger, 6 shots, weight 8 lbs., - - - - - - " 30.00
No. 3976—38-72, 26 in. octagon barrel, weight 7½ lbs., - - - - - - - - - - - - " 25.00
No. 5024—35 caliber, 24 in. round nickel steel barrel, 5 shots, weight 8½ lbs.' - - - - - - - - " 30.00

MODEL 1905 SELF-LOADING, TAKE DOWN.

No. 7032—32 caliber, 22 in. round barrel, plain walnut stock and forearm, weight, about 7½ lbs., - - - - - each $28.00
No. 7035—35 caliber, otherwise same as 7032, - - - - - - - - - - - - - " 28.00
Extra Magazines with follower guides for Nos. 7032 and 7035, - - - - - - - - - - - - " 1.50

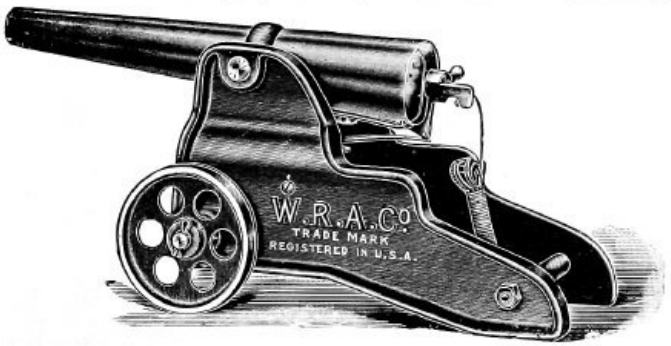
MODEL 1907 SELF-LOADING, TAKE DOWN.

Ammunition, Smokeless.

.351—Winchester Self-Loading, metal case or soft point, 2M in a case, w't 72 lbs, - - - per M $32.00

No. 351—.351 caliber, 20 in., round nickel steel barrel, pistol grip, plain walnut stock, not checkered, 6 shots, w't about 7¾ lbs., each $28.00

WINCHESTER BREECH LOADING CANNONS.



For Saluting and Celebrating.

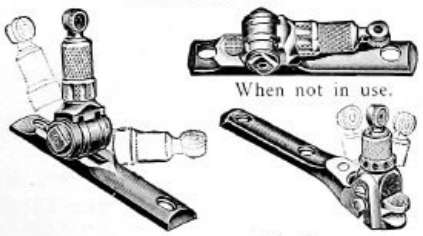
No. 100—10 gauge, 12 in., rolled steel, blued barrel, japanned cast iron frame, 3⅝ in. wheels, entire length 17 in., cylinder bored, 7¼ in. wide, weight 14 lbs., - - each $7.00

It is simple in construction and easy to handle. Either brass or paper shells can be used. A proper extractor is provided for taking out the fired shell. The barrel can be raised or lowered by elevating a screw placed underneath it. The load is 9 drams of black powder with two black edge wads and one cardboard wad to produce the loudest report.

10 Gauge Shells, loaded with black powder, for No. 100 cannon, - - - - - - per 100 $2 50

RIFLE AND SHOT GUN SIGHTS.

MARBLE'S.

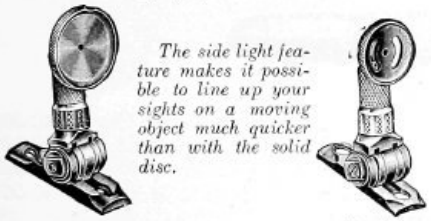


When not in use.

For Savage.

No. 51—Automatic flexible joint, rear, for Winchester, Marlin and Savage rifles each..... $3.00

When not locked down, a simple spring in the hinge joint instantly brings it into proper position, should it be struck on front or back. It can be used on all rifles with long firing bolts. The lower sleeve is a jamb nut which prevents the elevating sleeve from turning and holds the disc stem rigid at any elevation. Interchangeable disc allows change of aperture at will.



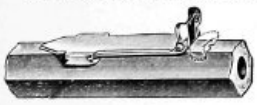
The side light feature makes it possible to line up your sights on a moving object much quicker than with the solid disc.

No. 52. No. 53.

No. 52—Rear, with cup disc, otherwise same as No. 51.....each $3.50

No. 53—Rear, with side light..... " 3.50

No. 54—Rear, with long base, particularly adapted to the Winchester box magazine rifles, otherwise same as No. 51, each..... $3.00



No. 60. No. 41.

No. 60—Rear, folding leaf sight....each $1.00

No. 41—Improved, front, for any rifle of any caliber, $\frac{1}{16}$, $\frac{3}{32}$ or $\frac{1}{8}$ in. bead, of ivory, German silver, gold alloy or aluminum.....each 1.00

It is possible with this improved front sight to see under as well as over, on long range where haste is necessary to adjust the rear sight; accuracy is insured by the fact that the object aimed at can be seen under the sight.

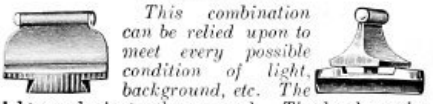
No. 42 No. 71. No. 71.

No. 42—Standard front bead, for any rifle of any caliber, $\frac{1}{16}$ $\frac{3}{32}$ or $\frac{1}{8}$ in. bead, of ivory.....each $1.00

No. 71—Triple bead front, blued steel, with black, ivory and gold beads, sight revolves in either direction by slight pressure of thumb, for all guns having slot for front sight.....each 1.50

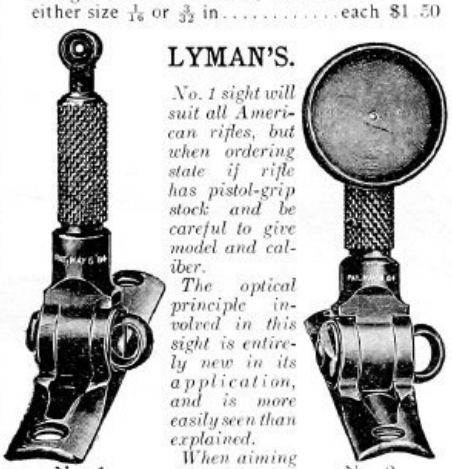
No. 71 sight combines into a revolving sight the three best front sights which have been made allowing the use of either an ivory, black or gold bead, as desired. Can be instantly changed to suit conditions of light or background. In ordering, mention make and caliber of rifle.

MARBLE'S.



This combination can be relied upon to meet every possible condition of light, background, etc. The sight can be instantly reversed. The bead carrier can be pulled up against the pressure of the spring until it clears the base slot—then turn it around.

No. 61—Reversible front, one ivory and one gold, both same size, furnished in either size $\frac{1}{16}$ or $\frac{3}{32}$ in.....each $1.50



No. 1. No. 2.

LYMAN'S.

No. 1 sight will suit all American rifles, but when ordering state if rifle has pistol-grip stock and be careful to give model and caliber.

The optical principle involved in this sight is entirely new in its application, and is more easily seen than explained.

When aiming this sight has the appearance of a ring or hoop, which shows the front sight and the object aimed at, without intercepting any part of the view.

No. 1—Combination rear, for Marlin models '94, '92, '97, '93, in .38-55 calibers, and '93, in 30-30 and 25-36 calibers. Winchester S.S., '86, '90, '94, in 25-36 and 30-30 and '94, in .38-55 and .38-56; 22 automatic 32 and 35 self-loading Savage; 22, 303 and 30-30, Stevens' Ideal and Favorite.....each $3.00

No. 2—Combination with cup disc, for Marlin models '20, '92, '93, Winchester '90, '94 and Savage .303 and 30-30 calibers.....each 3.50

The No. 2 sight has a large detachable disc and is intended for match rifles and gallery rifles. It is not as good for "all around" shooting as the $3.00 combination sight. Many target shooters like it, as it is much better than the Vernier peep sight.

The disc is easily removed, and for most work, is not needed.

For gallery practice the aperture in the disc can be enlarged to advantage.

No. 21—Receiver for Winchester models '94, '95 and Savage.....each $3.50

These sights can be seen distinctly against any object in the woods or in the sunlight.

No. 3. No. 4.

No. 3—Ivory front bead, Standard, 22 caliber, Marlin, Winchester and Colt's, 30-30 Marlin, Savage and Winchester, .303 Savage and Stevens' Favorite rifles.....each $1.00

No. 4—Ivory hunting front, for same calibers as above.....each .50

LYMAN'S.

No. 24. No. 26.

No. 24—Jack, for Winchester model '95 rifles and carbines.....each $0.50

No. 26—Ivory bead, for Winchester model '95 rifles and carbines.....each .50

"Standard" Lyman front sights will fit Marlin models '81, '94, '95, '93 in 32-40 and 38-55 calibers, Winchester '73, '76, '86, '92, and all Winchester single shots, excepting 30-40 U. S. A., also Remington Nos. 4, 2 and 6.

In ordering sights, particular attention should be paid in regard to make, caliber, model and size of arm.

No. 5—Combination ivory front, Standard, model 20 Marlin, 22 caliber Marlin and Winchester, 32 and 35 Winchester self-loading, 30-30 Marlin, Savage and Winchester, .303 Savage, Stevens' Favorite and Ideal.....each $1.00

No. 6. No. 6. No. 11, 10 and 9.

No. 6—Leaf, Standard, Marlin model '92, '97 and '93, Winchester model '94 in 30-30 and 25-35 calibers only, also Savage and Stevens' Favorite.....each $1.00

One leaf is a bar with triangular ivory cener, the other is a wide open V crotch.

No. 12.

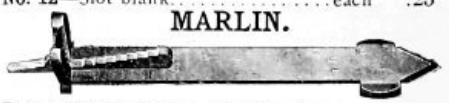
No. 11—Ivory shot gun, rear.....each $0.50

No. 10—Ivory shot gun, front.....each .50

No. 9—Sets of ivory front and rear shot gun sights with reamer.....per set 1.00

No. 12—Slot blank.....each .25

MARLIN.



Rocky Mountain Rear, Buckhorn low and high.....each $0.80

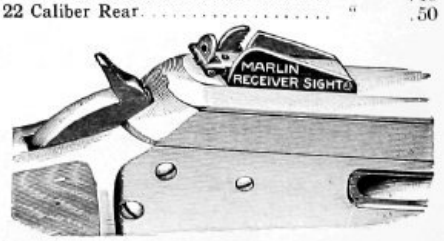
Extra Steps, for above..... " .25

Rocky Mountain Front. Front. Rear.

Rocky Mountain Front, knife edge...each $0.50

22 Caliber Front..... " .40

22 Caliber Rear..... " .50



No. 30—Receiver, for Marlin rifles made after Aug. '03, graduated peep or open sight.....each $3.25

This sight gives greatest possible distance between front and rear sights, without in any way interfering with grip of right hand. No danger of injuring the shooter's eye by recoil or hasty throwing of rifle to the shoulder. With one movement it can be run up to the highest or lowest point. Rifles made before above date require two holes to be drilled and tapped in rifle receiver.

RIFLE SIGHTS, RELOADING TOOLS AND REVOLVERS.

STEVENS SIGHTS.

Short Vernier Peep, for Favorite rifles.each $3.00

Sporting or Rocky Mountain Rear. . . .each $0.80

Rocky Mountain Front. . . . . .each $0.50

WINCHESTER SIGHTS.

Rear.

Sporting Front. Winchester. Model '90 Front

Sporting Rear, graduated from 50 to 300 yds., can be adjusted to buckhorn or clover leaf. . . . . .each $0.80
Extra Steps. . . . . " .25
Sporting Front. . . . . " .30
Model '90 Front. . . . . " .30

Model '90 Rear Winchester. . . . . .each $0.60

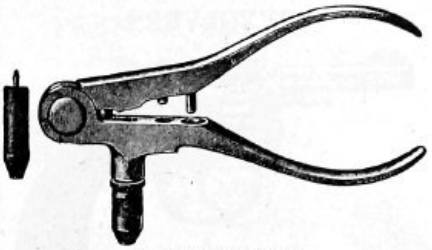
RELOADING TOOLS.

No. 1 Ideal.

22—Winchester, center fire. . . . . per set $2.25
32—Smith & Wesson. . . . . " 2.25
38—Smith & Wesson. . . . . " 2.25

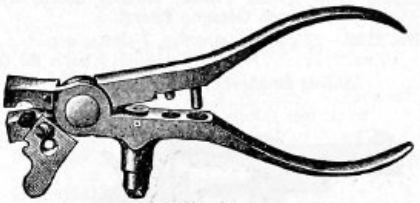
ONE SET IN A BOX. AVERAGE WEIGHT $1\frac{5}{16}$ LBS. PER SET.

RELOADING TOOLS.



No. 3 Special Ideal.

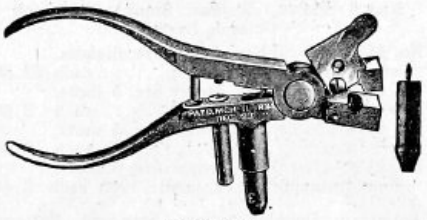
303—Savage. . . . . per set $2.50



No. 4 Ideal.

25-20—Stevens. . . . . per set $2.50
25-20—Marlin. . . . . " 2.50
32-20—Marlin, Winchester and Colt " 2.50
38 —Smith & Wesson special. . . " 2.50
38-40—Marlin, Winchester & Colt. " 2.50
44-40—Marlin, Winchester & Colt. " 2.50

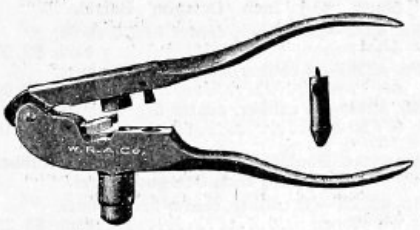
ONE SET IN A BOX. AVERAGE WEIGHT $1\frac{3}{8}$ LBS. PER SET.



No. 6 Ideal.

25-35—Winchester. . . . . per set $3.00
30-30—Marlin and Winchester. . . " 3.00
32-40—Marlin and Winchester. . . " 3.00
38-55—Marlin and Winchester. . . " 3.00
38-56—Marlin and Winchester. . . " 3.00
40-82—Marlin and Winchester. . . " 3.00

ONE SET IN A BOX. AVERAGE WEIGHT 2 LBS. PER SET.



Winchester Lever Reloader.

Reloader.

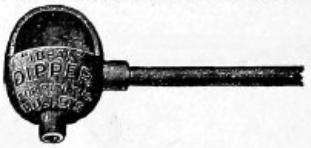
RELOADER MOULD CUP

25-20—Winchester $1.50 1.10 .10 per set $2.50
32-20—Winchester 1.50 1.10 .10 " 2.50

A set of bullet molds, charge cup and primer extractor accompany the tool.

ONE SET IN A BOX. AVERAGE WEIGHT $2\frac{5}{8}$ LBS. PER SET.

MELTING DIPPERS.



Ideal Dippers, w't 6 oz. . . . . .each $0.50

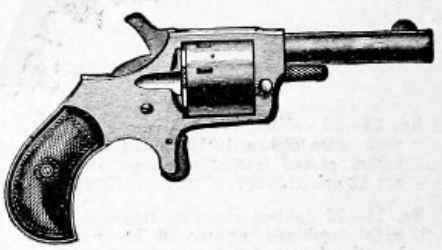
MELTING LADLES.

No. 3—3 in. bowl, w't per doz. 8 lbs., per dozen. $2.00
No. 4—4 in. bowl, w't per doz. 10 lbs., per dozen. 2.55
No. 5—5 in. bowl, w't per doz. 14 lbs., per dozen. 3.50

MELTING TOOLS.

Ideal Melting Pots, w't $1\frac{3}{4}$ lbs. . . . . .each $0.50
Ideal Stove Covers, for holding melting pot, will fit any stove, w't $1\frac{3}{4}$ lbs. . . . . .each .50

SINGLE ACTION REVOLVERS.



No. 622—22 caliber, long, rim fire, 7 shots, nickel plated, $2\frac{1}{4}$ in. barrel, plain cylinder, rubber stock, w't 8 oz. .each $1.50

No. 1132—32 caliber, rim fire, 5 shots, nickel plated, $2\frac{1}{2}$ in. barrel, rubber stock. . . . . .each 1.75

REMINGTON DERRINGERS.

Rim Fire, Checkered Rubber Stock, Length of Barrels 3 Inches, Length Over All $4\frac{3}{4}$ Inches.

No. 4 —41 caliber, nickel plated, w't 12 oz. . . . . .each $6.25

No. 4B—Blued, otherwise same as No. 4, each 6.25

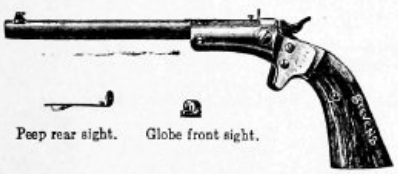
PISTOLS AND REVOLVERS.

STEVENS' GALLERY PISTOLS.

3½ Inch Barrel with Plain Sight.

No. 10—22 caliber, rim fire, single shot, nickel plated frame, blued barrel, plain walnut grip, w't 7 oz. .....each $3.00

Shoots 22 short cartridges.



Peep rear sight. Globe front sight.

Diamond Model.

No. 11—22 caliber, rim fire, single shot, with open sights, blued barrel, nickel plated frame, rosewood stock, 6 in. barrel, w't 9 oz. .....each $5.00

No. 12—22 caliber, rim fire, single shot, with combined sights, blued barrel, nickel plated frame, rosewood stock, 6 in. barrel, w't 9½ oz.....each 5.00

Shoots 22 long rifle cartridges.

Diamond Model.

No. 13—22 caliber, rim fire, single shot, with open sights, 10 in. blued barrel, nickel plated frame, rosewood stock, w't 12 oz.. .....each $7.50

No. 14—22 caliber, rim fire, single shot, with combined sights, 10 in. blued barrel, nickel plated frame, rosewood stock, w't 10½ oz. .....each 7.50

Shoots 22 long rifle cartridges.

No. 35—Off-hand target, 6 in. round barrel with octagon breech, nickel plated frame, walnut stock, sporting rear and bead front sights, for 22 long rifle rim fire and 22 Stevens-Pope Armory rim fire cartridges, w't 1 lb. 6 oz.....each $7.50

Stevens pistols were among the earliest if not the earliest breech loading pistols made in the United Stated. The accuracy of Stevens pistols is proved in the great record scores made by American marksmen who have used them. They have been for many years the chosen arm of amateur and expert shots at home and abroad.

HARRINGTON & RICHARDSON'S REVOLVERS.

Model 1906 Nickel Plated, Rubber Stock, 2½ Inch Octagon Barrel.

No. 2122—22 caliber, rim fire, 7 shots, w't 10 oz. .....each $2.60

Shoots 22 short, 22 long cartridges.

These revolvers are adapted for 32 S. & W., 38 S. & W. and 44 Webley cartridges.

American Double Action, Standard Pattern, Nickel Plated, Rubber Stock, 2½ Inch Octagon Barrel.

No. 4132—32 caliber, center fire, 6 shots, w't 16 oz.. .....each $2.60
No. 4138—38 caliber, center fire, 5 shots, w't 16 oz.. .....each 2.60
No. 4144—44 caliber, center fire, 5 shots, w't 18 oz.. .....each 2.90
No. 2132—32 caliber, center fire, 5 shots, small frame, w't 10 oz., model 1905, each 2.60

American Double Action, Standard Pattern, Blued Finish, Rubber Stock, 2½ Inch Octagon Barrel.

No. 4132B—32 caliber, center fire, 6 shots, w't 16 oz.. .....each $2.95
No. 4138B—38 caliber, center fire, 5 shots, w't 16 oz.. .....each 2.95
No. 4144B—44 caliber, center fire, 5 shots, w't 18 oz.. .....each 3.20

American Double Action, Nickel Plated, Rubber Stock, 4½ Inch Octagon Barrel.

No. 4232—32 caliber, center fire, 6 shots, w't 17 oz.. .....each $2.90
No. 4238—38 caliber, center fire, 5 shots, w't 17 oz.. .....each 2.90
No. 4244—44 caliber, center fire, 5 shots, w't 20 oz.. ..... each 3.15

American Double Action, Blued Finish, Rubber Stock, 4½ Inch Octagon Barrel.

No. 4232B—32 caliber, center fire, 6 shots, w't 17 oz.. .....each $3.25
No. 4238B—38 caliber, center fire, 5 shots, w't 17 oz.. .....each 3.25
No. 4244B—44 caliber, center fire, 5 shots, w't 20 oz.. .....each 3.50

American Double Action, Nickel Plated, Rubber Stock, 6 Inch Octagon Barrel.

No. 4432—32 caliber, center fire, 6 shots, w't 18 oz.. .....each $3.20
No. 4438—38 caliber, center fire, 5 shots, w't 18 oz.. .....each 3.20
No. 4444—44 caliber, center fire, 5 shots, w't 20 oz.. .....each 3.50

This revolver is constructed upon lines with features which commend themselves to all. Its simplicity is very noticeable in the illustration.

HARRINGTON & RICHARDSON'S REVOLVERS.

Young America, Small Frame, Double Action. Nickel Plated, Rubber Stock, 2 Inch Octagon Barrel.

No. 4122—22 caliber, rim fire, 7 shots, w't 8 oz.. .....each $2.60
No. 4332—32 caliber, center fire, 5 shots, w't 9 oz.. .....each 2.60

Shoots 22 long and 32 S. & W. cartridges.

Young America, Small Frame, Double Action, Vest Pocket.

No. 3232—32 caliber, center fire, 5 shots, 1⅛ in. barrel, nickel plated, rubber stock, w't 8 oz.....each $2.60

Shoots 32 S. & W. cartridges.

Young America, Small Frame, Nickel Plated, Safety Hammer, Double Action, Rubber Stock.

No. 3132—32 caliber, center fire, 5 shots, 2 in. octagon barrel, w't 9 oz.....each $2.60
No. 5132—32 caliber, center fire, 6 shots, 2½ in. octagon barrel, w't 16 oz..each 2.60
No. 5138—38 caliber, center fire, 5 shots, 2½ in. octagon barrel, w't 15 oz..each 2.60

Shoots 32 S. & W. and 38 S. & W. cartridges.

TARGET GRIP STOCKS.

Rubber Target Grip Stocks, for Harrington & Richardson Automatic, Double Action and Premier revolvers..per pair **$1.00**

Be sure to specify whether for regular Automatic or Premier model revolvers.

REVOLVERS.

HARRINGTON & RICHARDSON REGULAR AUTOMATIC, DOUBLE ACTION.

3¼ Inch Barrel, Rubber Stock.

No. 4732 —32 cal., 6 shots, nickel, w't 16 oz. ..... each $5.20
No. 4732B—32 cal., 6 shots, blued, w't 16 oz. ..... each 5.55
No. 4738 —38 cal., 5 shots, nickel, w't 15 oz. ..... each 5.20
No. 4738B—38 cal., 5 shots, blued w't 15 oz. ..... each 5.55

4 Inch Barrel, Rubber Stock.

No. 4832 —32 cal., 6 shots, nickel, w't 18 oz. ..... each $5.50
No. 4832B—32 cal., 6 shots, blued, w't 18 oz. ..... each 5.85
No. 4838 —38 cal., 5 shots, nickel, w't 17 oz. ..... each 5.50
No. 4838B—38 cal., 5 shots, blued, w't 17 oz. ..... each 5.85

5 Inch Barrel, Rubber Stock.

No. 4932 —32 cal., 6 shots, nickel, w't 20 oz. ..... each $5.80
No. 4932B—32 cal., 6 shots, blued, w't 20 oz. ..... each 6.15
No. 4938 —38 cal., 5 shots, nickel, w't 18 oz. ..... each 5.80
No. 4938B—38 cal., 5 shots, blued, w't 18 oz. ..... each 6.15

PREMIER SMALL FRAME AUTOMATIC BICYCLE, DOUBLE ACTION.

2 Inch Barrel, Rubber Stock.

No. 4522 —22 cal., 7 shots, nickel, w't 12 oz. ..... each $5.20
No. 4522B—22 cal., 7 shots, blued, w't 12 oz. ..... each 5.55
No. 4532—32 cal., 5 shots, nickel, w't 11 oz. ..... each 5.20
No. 4532B—32 cal., 5 shots, blued, w't 11 oz. ..... each 5.55

HARRINGTON & RICHARDSON PREMIER SMALL FRAME AUTOMATIC, DOUBLE ACTION.

3 Inch Barrel, Rubber Stock.

No. 4622 —22 cal., 7 shots, nickel, w't 12½ oz. ..... each $5.20
No. 4622B—22 cal., 7 shots, blued, w't 12 oz. ..... each 5.55
No. 4632 —32 cal., 5 shots, nickel, w't 11½ oz. ..... each 5.20
No. 4632B—32 cal., 5 shots, blued, w't 11½ oz. ..... each 5.55

5 Inch Barrel, Rubber Stock.

No. 5922 —22 cal., 7 shots, nickel, w't 14 oz. ..... each $5.80
No. 5922B—22 cal., 7 shots, blued, w't 14 oz. ..... each 6.15
No. 5932 —32 cal., 5 shots, nickel, w't 13 oz. ..... each 5.80

HAMMERLESS AUTOMATIC DOUBLE ACTION.

2 Inch Barrel, Rubber Stock.

No. 5422 —22 cal., 5 shots, nickel, w't 14 oz. ..... each $5.85
No. 5422B—22 cal., 5 shots, blued, w't 14 oz. ..... each 6.20
No. 5432 —32 cal., 5 shots, nickel, w't 12 oz. ..... each 5.85
No. 5432B—32 cal., 5 shots, blued, w't 12 oz. ..... each 6.20

3 Inch Barrel, Rubber Stock.

No. 5522 —22 cal., 5 shots, nickel, w't 15 oz. ..... each 5.85
No. 5522B—22 cal., 5 shots, blued, w't 15 oz. ..... each 6.20
No. 5532 —32 cal., 5 shots, nickel, w't 13 oz. ..... each $5.85
No. 5532B—32 cal., 5 shots, blued, w't 13 oz. ..... each 6.20

3¼ Inch Barrel, Rubber Stock.

No. 5538 —38 cal., 5 shots, nickel, w't about 17 oz. ..... each $5.85
No. 5538B—38 cal., 5 shots, blued, w't about 17 oz. ..... each 6.20

4 Inch Barrel, Rubber Stock.

No. 5632 —32 cal., 5 shots, nickel, w't 18 oz. ..... each $6.15
No. 5632B—32 cal., 5 shots, blued, w't 18 oz. ..... each 6.50
No. 5638 —38 cal., 5 shots, nickel, w't 20 oz. ..... each 6.15
No. 5638B—38 cal., 5 shots, blued, w't 20 oz. ..... each 6.50

IVER JOHNSON AUTOMATIC DOUBLE ACTION.

2 Inch Barrel.

No. 3332—22 cal., 5 shots, nickel, rubber stock, w't 12 oz. ..... each $5.20

3 Inch Barrel, Rubber Stock.

No. 3722 —22 cal., 7 shots, nickel, w't 13 oz. ..... each $5.20
No. 3722B—22 cal., 7 shots, blued, w't 13 oz. ..... each 5.55
No. 3732 —32 cal., 5 shots, nickel w't 12½ oz. ..... each 5.20
No. 3732B—32 cal., 5 shots, blued w't 12½ oz. ..... each 5.55

3¼ Inch Barrel, Rubber Stock.

No. 3738 —38 cal., 5 shots, nickel w't 17 oz. ..... each $5.20
No. 3738B—38 cal., 5 shots, blued w't 17 oz. ..... each 5.55

4 Inch Barrel, Rubber Stock.

No. 3832 —32 cal., 5 shots, nickel, w't 13 oz. ..... each $5.50
No. 3832B—32 cal., 5 shots, blued, w't 13 oz. ..... each 5.85
No. 3838 —38 cal., 5 shots, nickel, w't 18 oz. ..... each 5.50
No. 3838B—38 cal., 5 shots, blued, w't 18 oz. ..... each 5.85

5 Inch Barrel, Rubber Stock.

No. 3922 —22 cal., 7 shots, nickel w't 14½ oz. ..... each $5.80
No. 3922B—22 cal., 7 shots, blued w't 14½ oz. ..... each 6.15
No. 3932 —32 cal., 5 shots, nickel, w't 14½ oz. ..... each 5.80
No. 3932B—32 cal., 5 shots, blued, w't 14½ oz. ..... each 6.15
No. 3938 —38 cal., 5 shots, nickel, w't 18½ oz. ..... each 5.80
No. 3938B—18 cal., 5 shots, blued, w't 18½ oz. ..... each 6.15

6 Inch Barrel, Rubber Stock.

No. 6032 —32 cal., 5 shots, nickel, w't 14 oz. ..... each $6.10
No. 6032B—32 cal., 5 shots, blued, w't 14 oz. ..... each 6.45
No. 6038 —38 cal., 5 shots, nickel, w't 14 oz. ..... each 6.10
No. 6038B—38 cal., 5 shots, blued, w't 14 oz. ..... each 6.45

22 CAL. REVOLVERS ARE ADAPTED FOR 22 SHORT OR LONG RIM FIRE; 32 CAL. FOR 32 S. & W. SHORT, CENTER FIRE; 38 CAL. FOR 38 S. & W. CENTER FIRE.

REVOLVERS.

IVER JOHNSON.

HAMMERLESS, AUTOMATIC DOUBLE ACTION.

3 Inch Barrel, Center Fire, Rubber Stock.

No. 3532 —32 cal., 5 shots, nickel plated, w't 13 oz.....each $5.85
No. 3532B—32 cal., 5 shots, blued finish, w't 13 oz.....each 6.20

3¼ Inch Barrel, Center Fire, Rubber Stock.

No. 3538 —38 cal., 5 shots, nickel plated, w't 17 oz.....each $5.85
No. 3538B—38 cal., 5 shots, blued finish, w't 17 oz.....each 6.20

4 Inch Barrel, Center Fire, Rubber Stock.

No. 3632 —32 cal., 5 shots, nickel plated, w't 14 oz.....each $6.15
No. 3632B—32 cal., 5 shots blued finish, w't 14 oz.....each 6.50
No. 3638 —38 cal., 5 shots, nickel plated, w't 18 oz.....each 6.15
No. 3638B—38 cal., 5 shots, blued finish, w't 18 oz.....each 6.50

5 Inch Barrel, Center Fire, Rubber Stock.

No. 3432 —32 cal., 5 shots, nickel plated, w't 15 oz.....each $5.45
No. 3432B—32 cal., 5 shots, blued finish, w't 15 oz.....each 6.80
No. 3438 —38 cal., 5 shots, nickel plated, w't 20 oz.....each 6.45
No. 3438B—38 cal., 5 shots, blued finish, w't 20 oz.....each 6.80

DOUBLE ACTION.

Double Action. 2½ Inch Octagon Barrel, Nickel Plated, Rubber Stock.

No. 1432—32 cal., long, rim fire, 5 shots, w't 12 oz.....each $2.60
No. 1532—32 cal., center fire, 5 shots, w't 12 oz..... 2.60

Small Frame, 2¼ Inch Octagon Barrel, Nickel Plated Rubber Stock.

No. 1422—22 cal., long, rim fire, 7 shots, w't 8 oz.....each $2.60

IVER JOHNSON TARGET GRIP STOCKS.

Target Grip Stock, rubber, for Iver Johnson hammer and hammerless revolvers in 22. 32 and 38 calibers, with 3, 3¼, 4, 5 and 6 in. barrels.....per pair $1.00

These stocks turn the revolver into a practical target pistol. Anyone can put them on.

HOPKINS AND ALLEN.

DOUBLE ACTION, "X. L."

2½ Inch Octagon Barrel, Nickel Plated, with Checkered Walnut Stock.

No. 1222—22 cal., rim fire, 7 shots, w't 11 oz.....each $2.60
No. 1232—32 cal., center fire, 5 shots, w't 10 oz.....each 2.60

HAMMERLESS AUTOMATIC DOUBLE ACTION.

3 Inch Barrel, Center Fire, 5 Shots with Checkered Walnut Stock.

No. 432 —32 cal., nickel plated, w't 13 oz.....each $5.85
No. 432B—32 cal., blued finish, w't 13 oz.....each 6.20

3¼ Inch Barrel, Center Fire, 5 Shots, with Checkered Walnut Stock.

No. 438 —38 cal., nickel plated, w't 17 oz.....each $5.85
No. 438B—38 cal., blued finish, w't 17 oz., each..... 6.20

RANGE MODEL, DOUBLE ACTION.

4½ Inch Octagon Barrel, with Loading Gate, Walnut Stock.

No. 1322G —22 cal., rim fire, 7 shots, nickel plated, w't 17 oz.....each $5.00
No. 1322BG—22 cal., rim fire, 7 shots, blued finish, w't 17 oz.....each 5.50
No. 1332G—32 cal., center fire, 5 shots, nickel plated, w't 16 oz.....each 5.00
No. 1332BG—32 cal., center fire, 5 shots, blued finish, w't 17 oz.....each 5.50
No. 1338G —38 cal., center fire, 5 shots, nickel plated, w't 16 oz.....each 5.00
No. 1338BG—38 cal., center fire, 5 shots, blued finish, w't 16 oz.....each 5.50

HOPKINS AND ALLEN.

SAFETY POLICE, TRIPLE ACTION.

Center Fire, Five Shots, Checkered Walnut Stock.

No. 2332 —32 cal., 3 in. bbl., nickel plated, w't 12 oz.....each $5.20

No. 2332B—32 cal., 3 in. bbl., blued finish, w't 12 oz.....each 5.55

No. 2338 —38 cal., 3¼ in. bbl., nickel plated, w't 17 oz.....each 5.20

No. 2338B—38 cal., 3¼ in. bbl., blued finish, w't 17 oz.....each 5.55

Walnut Army Grip, Five Shots. Center Fire.

No. 2332G —32 cal., 3 in. bbl., nickel plated, w't 13 oz.....each $9.00

No. 2332BG—32 cal., 3 in. bbl., blued finish, w't 13 oz.....each 9.50

No. 2338G —38 cal., 3¼ in. bbl., nickel plated, w't 17 oz.....each 9.00

No. 2338BG—38 cal., 3¼ in. bbl., blued finish, w't 17 oz.....each 9.50

No. 2432G —32 cal., 4 in. bbl., nickel plated, w't 13 oz.....each 9.50

No. 2432BG—32 cal., 4 in. bbl., blued finish, w't 13 oz.....each 10.00

No. 2438G —38 cal., 4 in. bbl., nickel plated, w't 18 oz.....each 9.50

No. 2438BG—38 cal., 4 in. bbl., blued finish, w't 18 oz.....each 10.00

22 CALIBER REVOLVERS ARE ADAPTED FOR 22 SHORT OR LONG RIM FIRE CARTRIDGES, 32 CENTER FIRE FOR 32 S. & W. 32 RIM FIRE FOR 32 LONG RIM FIRE, 38 FOR 38 S. & W.

REVOLVERS.

BABY HAMMERLESS.

Nickel Plated, Folding Trigger.

No. 200 —22 cal., rim fire, 6 shots, rubber stock, length over all 4 in., w't 5 oz. each $2.50

No. 300 —32 cal., center fire, 5 shots, rubber stock, length over all 5 in., w't 8 oz. ..... each 3.00

No. 200P—22 cal., rim fire, 6 shots, pearl stock, length over all 4 in., w't 5 oz., each..... 3.50

No. 300P—32 cal., center fire, 5 shots, pearl stock, length over all 5 in., w't 8 oz. ..... each 4.00

22 cal. adapted for 22 short or long; 32 cal. for 32 S. & W. short.

BABY AUTOMATIC.

2 Inch Barrel, Six Shots, Rim Fire, Automatic Ejector Folding Trigger, Length Over all Five Inches.

No. 222 —22 cal., nickel, rubber stock, w't 6 oz..... each $3.75

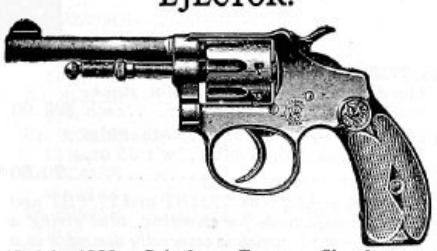
No. 222B —22 cal., blued, rubber stock, w't 6 oz..... each 4.00

No. 222P —22 cal., nickel, pearl stock, w't 6 oz..... each 4.75

No. 222PB—22 cal., blued, pearl stock, w't 6 oz..... each 5.00

Adapted for 22 long or short cartridges.

SMITH & WESSON HAND EJECTOR.



Model 1902, Jointless Frame, Simultaneous Ejecting, Round Handle, Rubber Stock.

No. 6422—22 cal., rim fire, 7 shots, blued, 3 or 3½ in. bbl., w't 9⅝ oz..... each $14.70

No. 6522—22 cal., rim fire, 7 shots, nickel, 3 or 3½ in. bbl., w't 9⅝ oz., each..... 14.70

Adapted for 22 short or 22 long.

SMITH & WESSON.

Hinge Pattern.
Automatic Ejector, Center Fire, Rubber Stock, Five Shots.

No. 9232—32 cal., blued, 3 or 3½ in. bbl., w't 13 oz..... each $16.00

No. 9332—32 cal., nickel, 3 or 3½ in. bbl., w't 13 oz..... each 16.00

No. 9238—38 cal., blued, 3¼ in. bbl., w't 18 oz..... each 17.40

No. 9338—38 cal., nickel, 3¼ in. bbl., w't 18 oz..... each 17.40

No. 9438—38 cal., blued, 4 in. bbl., w't 17½ oz..... each 17.40

No. 9538—38 cal., nickel, 4 in. bbl., w't 17½ oz..... each 17.40

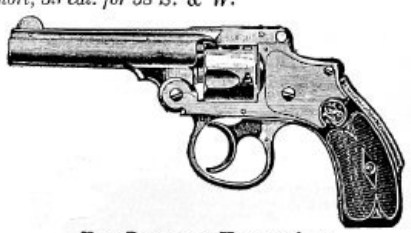
No. 9638—38 cal., blued, 5 in. bbl., w't 18 oz..... each 17.40

No. 9738—38 cal., nickel, 5 in. bbl., w't 18 oz..... each 17.40

No. 9838—38 cal., blued, 6 in. bbl., w't 18½ oz..... each 17.40

No. 9938—38 cal., nickel, 6 in. bbl., w't 18½ oz..... each 17.40

32 cal. adapted for 32 S. & W. long or short, 38 cal. for 38 S. & W.



New Departure Hammerless.
Safety Attachment, Center Fire, 5 Shot, Rubber Stock.

No. 32N—32 cal., nickel, 3 or 3½ in. bbl., w't 14 oz..... each $17.40

No. 32B—32 cal., blued, 2, 3 or 3½ in. w't bbl., 14 oz..... each 17.40

No. 38N—38 cal., nickel, 3¼ in. bbl., w't 18½ oz..... each 18.66

No. 38B—38 cal., blued, 3¼ in. bbl., w't 18½ oz..... each 18.66

No. 48N—38 cal., nickel, 4 in. bbl., w't 19 oz..... each 18.66

No. 48B—38 cal., blued, 4 in. bbl., w't 19 oz..... each 18.66

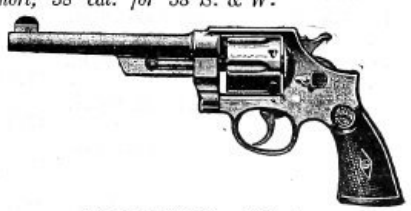
No. 58N—38 cal., nickel, 5 in. bbl., w't 20 oz..... each 18.66

No. 58B—38 cal., blued, 5 in. bbl., w't 20 oz..... each 18.66

No. 68N—38 cal., nickel, 6 in. bbl., w't 21 oz..... each 18.66

No. 68B—38 cal., blued, 6 in. bbl., w't 21 oz..... each 18.66

32 cal. adapted for 32 S. & W. long or short; 38 cal. for 38 S. & W.



Model 1908, Hand Ejector.

No. 6844SB—44 cal., 6 shot, 6½ in. bbl., blued, checked wood stock, square handle, w't 38 oz..... each $25.00

Adapted for 44 S. & W. special or 44 S. & W. Russian cartridges

SMITH & WESSON.

32 caliber adapted for 32 cal. S. & W. long or short. 32-20 caliber adapted for 32-20 Marlin.

Hand Ejector.
Model 1903, Jointless Frame, Simultaneous Ejecting, Six Shots, Rubber Stock, Round Handle.

No. 6432 —32 cal., blued, 3¼ in. bbl., w't 17¾ oz..... each $17.40

No. 6532 —32 cal., nickel, 3¼ in. bbl., w't 17¾ oz..... each 17.40

No. 6632 —32 cal., blued, 4¼ in. bbl., w't 18½ oz..... each 17.40

No. 6732 —32 cal., nickel, 4¼ in. bbl., w't 18½ oz..... each 17.40

No. 6832 —32 cal., blued finish, 6 in. w't bbl., 20 oz..... each 17.40

No. 6932 —32 cal., nickel, 6 in. bbl., w't 20 oz..... each 17.40

Military and Police.
Model 1902, Jointless Frame, Simultaneous Ejecting, Six Shots, Round Handle, Rubber Stock.

No. 6432W—32-20 cal., blued, 4 in. bbl., w't 32 oz..... each $20.00

No. 6532W—32-20 cal., nickel, 4 in. bbl., w't 32 oz..... each 20.00

No. 6632W—32-20 cal., blued, 5 in. bbl., w't 34 oz..... each 20.00

No. 6732W—32-20 cal., nickel, 5 in. bbl., w't 34 oz..... each 20.00

No. 6832W—32-20 cal., blued, 6½ in. bbl., w't 36 oz..... each 20.00

No. 6932W—32-20 cal., nickel, 6½ in. bbl., w't 36 oz..... each 20.00

No. 6438 —38 cal., blued, 4 in. bbl., w't 28 oz..... each 20.00

No. 6538 —38 cal., nickel, 4 in. bbl., w't 28 oz..... each 20.00

No. 6638 —38 cal., blued, 5 in. bbl., w't 30 oz..... each 20.00

No. 6738 —38 cal., nickel, 5 in. bbl., w't 30 oz..... each 20.00

No. 6838 —38 cal., blued, 6½ in. bbl., w't 32 oz..... each 20.00

No. 6938 —38 cal., nickel, 6½ in. bbl., w't 32 oz..... each 20.00

No. 6638T—38 cal., target, blued, 5 in. barrel, wood stock, target sights, w't 25 oz..... each 22.00

Adapted for 38 S. & W. Special or 38 Long Colt's.

32-20 caliber adapted for 32-20 Marlin. 38 caliber adapted for 38 S. & W. Special and 38 long Colt's.

Military and Police.
Model 1905, Six Shots, Square Handle, Wood Stock.

No. 6432WSB—32-20 cal., 4 in. bbl., blued, w't 31 oz..... each $21.33

No. 6632WSB—32-20 cal., 5 in. bbl., blued, w't 31 oz..... each 21.33

No. 6832WSB—32-20 cal., 6½ in. bbl., blued, w't 33 oz..... each 21.33

No. 6438SB —38 cal., 4 in. bbl., blued, w't 28 oz..... each 21.33

No. 6538SB —38 cal., 4 in. bbl., nickel, w't 29 oz..... each 21.33

No. 6638SB —38 cal., 5 in. bbl., blued, w't 30 oz..... each 21.33

No. 6838SB —38 cal., 6½ in. bbl., blued, w't 30 oz..... each 21.33

No. 6638SBT —38 cal., 5 in. bbl., fitted with Payne front and rear sights, blued, w't 30 oz..... each 23.33

No. 6838SBT —38 cal., 6½ in. bbl., fitted with Payne front and rear sights, blued, w't 30 oz..... each 23.33

COLT'S REVOLVERS.

POCKET POSITIVE, DOUBLE ACTION.

Jointless Frame, Simultaneous Ejection, Cylinder Stop, Six Shots, Center Fire, Rubber Stock, Blued Finish.

No. 7232B—32 cal., 2½ in. bbl., w't 15 oz. ..... each $13.33
No. 7332B—32 cal., 3½ in. bbl., w't 16 oz. ..... each 13.33

Use 32 short and 32 long Colt cartridges only.

NEW POLICE, POSITIVE DOUBLE ACTION.

Jointless Frame, Simultaneous Ejection, Cylinder Stop, Six Shots, Center Fire, Rubber Stock.

No. 7832 —32 cal., nickel, 4 in. bbl., w't 18 oz. ..... each $14.70
No. 7832B —32 cal., blued, 4 in. bbl., w't 18 oz. ..... each 14.70
No. 7832BP—32 cal., blued, 4 in. bbl., w't 18 oz. ..... each 14.70
No. 7932 —32 cal., nickel, 6 in. bbl., w't 20 oz. ..... each 14.70
No. 7932B —32 cal., blued, 6 in. bbl., w't 20 oz. ..... each 14.70
No. 7932BP—32 cal., blued, 6 in. bbl., w't 22 oz. ..... each 14.70
No. 7932BT—32 cal., blued, 6 in. bbl., fitted with target sights, w't 20 oz. each 17.35

Nos. 7832, 7832B, 7932 and 7932B, use 32 short and 32 long Colt cartridges only.

Nos. 7832BP and 7932BP use Colt New Police and 32 S. & W. cartridges only.

No. 7832BP uses 32 Colt New Police and 32 S. & W. cartridges only.

This revolver is equipped with a Positive Lock which is arranged between the face of the hammer and the frame, operating automatically only when the trigger is pulled and at all other times preventing the firing pin from coming in contact with the cartridge, thereby insuring against accidental discharge.

No. 7238 —38 cal., nickel, 4 in. bbl., w't 20 oz. ..... each $16.00
No. 7238B—38 cal., blued, 4 in. bbl., w't 20 oz. ..... each 16.00
No. 7338B—38 cal., blued, 6 in. bbl., w't 24 oz. ..... each 16.00

Use 38 Colt Police Positive and 38 S. & W. cartridges only.

POLICE POSITIVE SPECIAL.

Jointless Frame, Simultaneous Ejection, Cylinder Stop, Six Shots, Center Fire, Rubber Stock.

	EACH.
No. 7432WB—32-20 cal., blued finish, 4 in. bbl., w't 22 oz.	$16.00
No. 7632WB—32-20 cal., blued finish, 6 in. bbl., w't 24 oz.	16.00
No. 7238S —38 cal., nickel plated, 4 in. bbl., w't 22 oz.	16.00
No. 7238SB —38 cal., blued finish, 4 in. bbl., w't 22 oz.	16.00
No. 7338SB —38 cal., blued finish, 6 in. bbl., w't 23 oz.	16.00

38 cal. revolvers use 38 cal. long or short Colt's or 38 S. & W. Special cartridge. 32-20 cal. revolvers are adapted for 32-20 Winchester cartridges.

ARMY SPECIAL.

Jointless Frame, Simultaneous Ejection, Cylinder Stop, Six Shots, Center Fire, Rubber Stock.

	EACH.
No. 7732SB—32-20 cal., blued finish, 4½ in. bbl., w't 32 oz.	$17.35
No. 7732S —32-20 cal., nickel plated, 4½ in. bbl., w't 35 oz.	17.35
No. 7832SB—32-20 cal., blued finish, 6 in. bbl., w't 35 oz.	17.35
No. 7438S —38 cal., nickel plated, 4½ in. bbl., w't 32 oz.	17.35
No. 7438SB—38 cal., blued finish, 4½ in. bbl., w't 32 oz.	17.35
No. 7738S —38 cal., nickel plated, 6 in. bbl., w't 33 oz.	17.35
No. 7738SB—38 cal., blued finish, 6 in. bbl., w't 33 oz.	17.35
No. 7441S —41 cal., nickel plated, 4½ in. bbl., w't 31 oz.	17.35
No. 7441SB—41 cal., blued finish, 4½ in. bbl., w't 31 oz.	17.35
No. 7741SB—41 cal., blued finish, 6 in. bbl., w't 33 oz.	17.35

Nos. 7732SB to 7832SB use 32-20 Winchester cartridges, Nos. 7438S to 7738SB use 38 S. & W. Special in addition to 38 Long and Short Colt cartridges. Nos. 7441S to 7741SB use 41 Long and Short Colt Cartridges.

NEW SERVICE, DOUBLE ACTION.

Use 38-40, 44-40 and 45 Colt cartridges.

Jointless Frame, Simultaneous Ejection, Cylinder Stop, Center Fire, Six Shots, Rubber Stock, Blued Finish.

	EACH.
No. 7538B—38-40 cal., 4½ in. bbl., w't 40 oz.	$18.67
No. 7638B—38-40 cal., 5½ in. bbl., w't 43 oz.	18.67
No. 7838B—38-40 cal., 7½ in. bbl., w't 45 oz.	18.67
No. 7544B—44-40 cal., 4½ in. bbl., w't 40 oz.	18.67
No. 7644B—44-40 cal., 5½ in. bbl., w't w't 41 oz.	18.67
No. 7744B—44-40 cal., 7½ in. bbl., w't 42 oz.	18.67
No. 7545B—45 cal., 4½ in. bbl., w't 41 oz.	18.67
No. 7745B—45 cal., 7½ in. bbl., w't 42 oz.	18.67

NEW SERVICE TARGET.

No. 7744BT—44 cal., center fire, 6 shots, blued finish, checkered walnut stock, 7½ in. bbl., chambered for 44 Russian cartridges, with adjustable front and wind gauge rear sights, guard straps and trigger finely checked. ..... each $30.67

Use 44 S. & W. Russian cartridges.

NEW OFFICERS' MODEL.

No. 7738BT—38 cal., center fire, 6 shots, blued finish, checkered walnut stock, 6 in. bbl., w't 32 oz. ..... each $20.00
No. 7938BT—7½ in. barrel, otherwise the same as No. 7738BT, w't 35 oz. each 20.00

The front sight of Nos. 7744BT and 7738BT and 8938BT is adjustable for elevating, thus giving a very wide range, which is especially desirable in a target revolver, and is used at different ranges for varying loads, the sighting always being perfect. and the rear sight is adjustable for windage. The stocks are of fine selected walnut, handsomely checked. The action is hand finished, and is perfect in all detail, and the guard, straps and trigger are finely checked. This arm, like the New Army, is designed for 38 long Colt (U. S. Service cartridge) and 38 S. & W. special.

REVOLVERS AND PISTOLS.

COLT'S SINGLE ACTION, ARMY OR FRONTIER REVOLVERS.

Center Fire, Six Shots, Rubber Stock, Blued Finish.

	EACH.
No. 8132S —32 cal., 4¾ in. bbl., w't 40 oz.	$16.00
No. 8132M—32 cal., 5½ in. bbl., w't 42 oz.	16.00
No. 8132 L—32 cal., 7½ in. bbl., w't 42 oz.	16.00
No. 8138S —38 cal., 4¾ in. bbl., w't 38 oz.	16.00
No. 8138M—38 cal., 5½ in. bbl., w't 39 oz.	16.00
No. 8141S —41 cal., 4¾ in. bbl., w't 38 oz.	16.00
No. 8141M—41 cal., 5½ in. bbl., w't 39 oz.	16.00
No. 8144S —44 cal., 4¾ in. bbl., w't 37 oz.	16.00
No. 8144M—44 cal., 5½ in. bbl., w't 38 oz.	16.00
No. 8145S —45 cal., 4¾ in. bbl., w't 36 oz.	16.00
No. 8145M—45 cal., 5½ in. bbl., w't 37 oz.	16.00

Use 32-20, 38-40, 41 short, 41 long Colt, 44-40 and 45 Colt cartridges.

These revolvers should be carried with the hammer resting in the safety notch. For over half a century this arm has seen more actual service and more of them have been produced than any revolver ever manufactured. The "Single Action" is still in demand by users of firearms who require a combination of reliability, durability and simplicity in mechanism.

COLT'S BISLEY MODEL, SINGLE ACTION REVOLVERS.

Center Fire, Six Shots, Rubber Stock, Blued Finish.

	EACH.
No. 8232SB —32-20 cal., 4¾ in. bbl., w't 44 oz.	$16.00
No. 8232MB—32-20 cal., 5½ in. bbl., w't 45 oz.	16.00
No. 8232LB —32-20 cal., 7½ in. bbl., w't 47 oz.	16.00
No. 8238SB —38-40 cal., 4¾ in. bbl., w't 42 oz.	16.00
No. 8238MB—38-40 cal., 5½ in. bbl., w't 43 oz.	16.00
No. 8241SB —41 cal., 4¾ in. bbl., w't 42 oz.	16.00
No. 8244SB —44-40 cal., 4¾ in. bbl., w't 39 oz.	16.00
No. 8245SB —45 Colt's, 4¾ in. bbl., w't 38 oz.	16.00

Use 32-20, 38-40, 41 short, 41 long Colt, 44-40 and 45 Colt Cartridges.

These revolvers should be carried with the hammer resting in the safety notch. This revolver is of the Single Action Army type, with low hammer, longer and firmer grip, very light and smooth in pull.

COLT'S AUTOMATIC PISTOLS.

This model on account of its very short barrel and light weight make it particularly desirable as a pocket pistol.

No. C1—Pocket, 25 cal., rimless cartridges, 6 shots, 2 in. bbl., length over all 4½ in., blued finish, w't 13 oz. each $14.00

Browning's Patent.

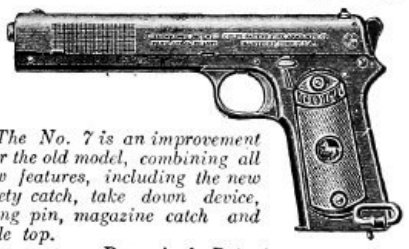
No. 6—Pocket, 32 cal., center fire, 8 shots, 4 in. blued barrel, length over all 7 in., w't 23 oz. ..... each $18.00

No. 6.

No. 380—Pocket, 380 cal., center fire rimless smokeless cartridges, 7 shots, 3¾ in. barrel, blued finish, rubber stock, length over all 6¾ in., w't 23 oz. ..... each $20.00

No. C5—Pocket, 38 cal., center fire, 7 shots, 4½ in. blued barrel, length over all 7½ in., w't 31 oz. ..... each 24.00

No. 45—Military, 45 cal., center fire, 7 shots, blued, 5 in. barrel, length over all 8 in., w't 32½ oz. ..... each $26.00



The No. 7 is an improvement over the old model, combining all new features, including the new safety catch, take down device, firing pin, magazine catch and slide top.

Browning's Patent.

No. 7—Military, 38 cal., center fire, 8 shots, blued, 6 in. barrel, length over all 9 in, w't 37 oz. ..... each $25.50

Extra Magazines.

25 cal., for Colt's pistols	each	$1.00
32 cal., for Colt's pistols	"	1.25
380 cal., for Colt's pistols	"	1.50
38 cal., for Colt's pistols	"	1.75
45 cal., for Colt's pistols	"	1.75

The action of these pistols is automatic except that the trigger must be pulled to fire each shot, the cartridges being supplied from a detachable magazine inserted in the handle of the pistol. After the pistol is charged with a filled magazine, one opening movement is made by hand, bringing the first cartridge into the chamber. On pulling the trigger the cartridge is fired, the empty shell extracted, and a new cartridge loaded into the chamber, all these operations taking place automatically without any manipulation of the arm. This automatic operation of the pistol is effected by the recoil of the moving parts, and as a consequence the recoil is so absorbed in being utilized that it has no disturbing effect. The first shot can be discharged more quickly than from any arm made, as this pistol can be carried with perfect safety while the hammer is at full cock.

SAVAGE AUTOMATIC PISTOLS.

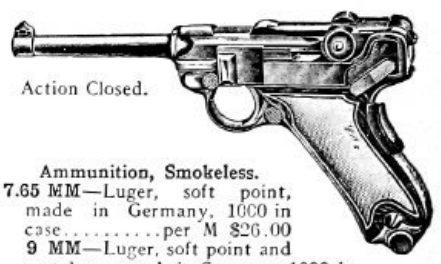
The magazine holds ten cartridges, which with one in the chamber, places eleven at the command of the operator.

The action of this pistol is automatic except that the trigger must be pulled to fire each shot, the cartridge being supplied from a detachable magazine inserted in the handle of the pistol.

Pocket Model.

No. 15—32 cal., rimless smokeless cartridges, 10 shots, length over all 6½ in., w't 19 oz. ..... each $15.00

LUGER AUTOMATIC PISTOLS.

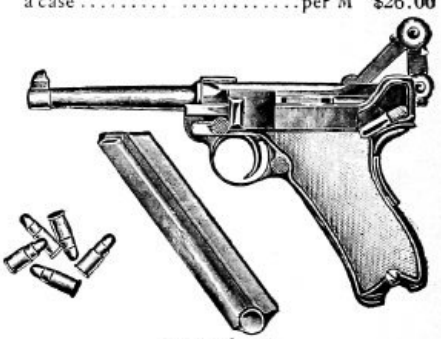


Action Closed.

Ammunition, Smokeless.

7.65 MM—Luger, soft point, made in Germany, 1000 in case. ..... per M $26.00

9 MM—Luger, soft point and metal case, made in Germany, 1000 in a case ..... per M $26.00



Action Open.

Muzzle Velocity 1,150 Feet, Maximum Range 2,000 Yards.

No. 9—7.65 M M or 30 cal., center fire, 8 shots, blued finish, walnut scored stock, 4½ in. barrel, w't 29 oz., length 9 in. ..... each $25.00

No. 18—9 M M caliber, center fire, 8 shots, blued finish, walnut scored stock, 4½ in. barrel, w't 29 oz., length 9 in. ..... each 25.00

Extra Magazines, for Nos. 9 and 18. " .75

Its chief points are its fine appearance, balance, simplicity of action, combined with its rapidity of fire and wonderful accuracy. It operates on the link system. The recoil caused by the discharge of the cartridge forces the barrel and breech block backward; extracting and ejecting the empty shell. The magazine spring then brings a new cartridge up into place to be forced into the breech automatically by the return of the breech block and the pistol is again loaded and ready to be discharged. It has a magazine containing 8 cartridges, which is held in the stock of the pistol. This magazine can be thrown out when empty and replaced in a moment.

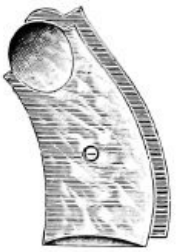
The cartridges are made with steel jacket bullets, loaded with Walsrode powder, and have greater killing power than the 44 caliber bullet. In the recent test at Springfield Armory, 116 shots were fired in a minute, and a score 24 bull's-eyes out of 30 shots was made by one man firing rapidly.

PEARL STOCKS.

Half Size Cuts.

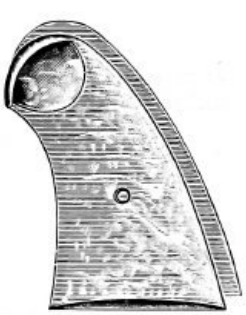
No. 10.

No. 20.

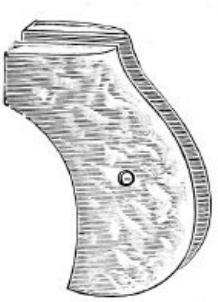


Nos. 30 and 34.

No. 10	—For Remington derringers, 41 caliber,	per pair	$1.50
No. 15	—For Young America hammer and safety hammer, 22 and 32 caliber,	"	1.50
No. 20	—For American H. & R. D. A. hammer and safety hammer, 32, 38 and 44 caliber,	"	1.50
No. 30	—For H. & R. automatic hammer, 32 and 38 caliber,	"	1.50
No. 30A	—For H. & R. hammerless, 38 caliber,	"	1.50
No. 30B	—For H. & R. Premier hammer, 22 and 32 caliber,	"	1.50
No. 30C	—For H. & R. Premier hammerless, 22 and 32 caliber,	"	1.50
No. 31	—For Baby Hammerless, 22 caliber,	"	1.50
No. 31A	—For Baby Hammerless, 32 caliber,	"	1.50
No. 32	—For Iver Johnson D. A., 22 or 32 caliber, automatic hammer 22 or 32 caliber or hammerless 32 caliber,	"	1.50
No. 32A	—For Iver Johnson automatic hammer and hammerless, 38 caliber,	"	1.50
No. 33	—For Smith & Wesson D. A., 22 caliber,	"	1.50
No. 33A	—For Smith & Wesson D. A., 32 caliber,	"	1.50
No. 33B	—For Smith & Wesson hammerless, 32 caliber,	"	1.50
No. 33C	—For Smith & Wesson hammer or hammerless, 38 caliber or side ejector 32 caliber,	"	1.50
No. 34	—For Smith & Wesson military revolvers, 32-20 or 38 caliber,	"	3.75
No. 35	—For Smith & Wesson, military and police, 38 caliber, square butt,	"	4.25



Nos. 40 and 42.



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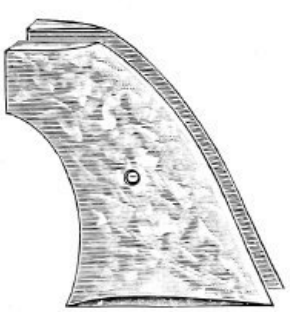
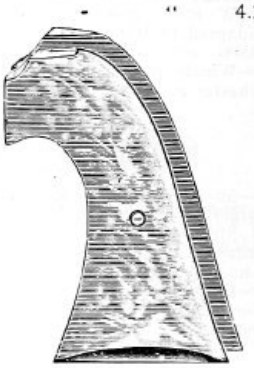


No. 70.



No. 80.

No. 40	—For Colt's new army or navy revolvers, 38 or 41 caliber,	per pair	$ 4.00
No. 41	—For Colt's new police, 32 and 38 caliber,	"	4.00
No. 42	—For Colt's new service revolvers, 44 or 45 caliber,	"	9.00
No. 43	—For Colt's new pocket, 32 caliber,	"	1.80
No. 50	—For Colt's D. A. revolvers, 38 or 41 caliber,	"	3.75
No. 70	—For Colt's S. A. army or frontier revolvers, 32, 38, 41, 44 or 45 caliber,	"	7.90
No. 80	—For Colt s Bisley model single action revolvers, 32, 38, 41, 44 or 45 caliber,	"	11.65
No. 95	—For Colt's automatic, 38 caliber,	"	6.00
No. 96	—For Colt's automatic, 32 caliber,	"	6.00
No. 90	—For Luger automatic, with knob for magazine,	"	5.00

METALLIC CARTRIDGES.

All Peters' Cartridges Are Loaded with Either King's Celebrated Semi-Smokeless or Smokeless Powder.

RIM FIRE.

22—Short Blank, powder 3 grains, for 22 caliber revolvers and pistols..
32—Short Blank, powder 9 grains, for 32 caliber revolvers and pistols.
22—BB caps, round ball, for Flobert and other gallery rifles, fulminate and smokeless powder.

22—C. B. caps, conical ball, for 22 Flobert and other gallery rifles, and smokeless powder.
22—L. C. B. caps, conical swaged bullet, lubricated, semi-smokeless.
22—Short, powder 3 grains, lead 30 grains, for 22 caliber revolvers and rifles, semi-smokeless and smokeless powder, mushroom lubricant and non-lubricant bullet.

22—Long, powder 5 grains, lead 30 grains, for 22 caliber revolvers and rifles, semi-smokeless and smokeless powder, lubricant and non-lubricant mushroom bullets.
22—Long rifle, powder 5 grains, lead 40 grains, for long range and target practice, semi-smokeless and smokeless powder, lubricant and non-lubricant mushroom bullet.

22—Long Pope Armory, powder 5 grains, lead 40 grains, bullet crimped into shell, making it the most accurate 22 cartridge made, loaded with semi-smokeless powder.
22—Extra long, powder 7 grains, lead 40 grains, adapted for various rifles of this caliber, loaded with semi-smokeless powder.
22—W. R. F., powder 7 grains, lead 45 grains, adapted to Winchester repeating rifle, model 1890, semi-smokeless and smokeless powder.
22—Winchester Automatic, adapted to Winchester automatic rifle, smokeless powder.

25—Short Stevens, powder 5 grains, lead 69 grains, semi-smokeless powder.
25—Stevens, powder 11 grains, lead 65 grains, adapted to Winchester and Stevens single shot rifles, semi-smokeless powder.
32—Extra short, powder 6 grains, lead 55 grains, for 32 revolvers and rifles, semi-smokeless powder.

32—Short, powder 9 grains, lead 82 grains, for 32 short caliber revolvers and rifles, semi-smokeless powder.
32—Long, powder 13 grains, lead 90 grains, for 32 long caliber revolvers and rifles, semi-smokeless powder.

33—Short, powder 18 grains, lead 130 grains, for 38 short caliber revolvers and rifles, semi-smokeless powder.
41—Short, powder 13 grains, lead 130 grains, for 41 short caliber revolvers and rifles, semi-smokeless powder.

CENTER FIRE.

22—Winchester, powder 13 grains, lead 45 grains, for Winchester single shot rifles, semi-smokeless powder.

25-20—Marlin, powder 17 grains, lead 86 grains, for Marlin rifles, semi-smokeless and smokeless powder.

25-20—Winchester and Stevens, powder 19 grains, lead 86 grains, for Winchester and Stevens single shot rifles, semi-smokeless and smokeless powder.
25-20—Marlin high velocity, soft point bullet, smokeless powder.

32—S. & W., powder 9 grains, lead 85 grains, for Smith & Wesson and other revolvers, semi-smokeless and smokeless powder.
32—S. & W. long, powder 13 grains, lead 98 grains, for Smith & Wesson hand ejector revolvers, semi-smokeless and smokeless powder.

32—Colt's New Police, powder 13 grains, lead 98 grains, for Colt's new police revolvers, semi-smokeless powder.

32—Colt's Automatic, for Colt's 32 automatic rifles, metal case bullet, smokeless powder.

32—Short Colt's, powder 9 grains, lead 82 grains, for 32 short caliber revolvers, semi-smokeless and smokeless powder.
32—Long Colt's, powder 9 grains, lead 90 grains, for 32 long caliber revolvers, semi-smokeless and smokeless powder.

32-20—Marlin, Winchester and Colt's, powder 20 grains, lead 100 grains, for Marlin, Winchester and Colts rifles, semi-smokeless and smokeless powder.

CENTER FIRE.

32-20—Marlin, Winchester and Colt's, high velocity, soft point bullet, smokeless powder.

38—S. & W., powder 14 grains, lead 145 grains, for Smith & Wesson and other revolvers, semi-smokeless and smokeless powder.

38—S. & W., special, 1½ primer, lead 159 grains, semi-smokeless and smokeless powder.

38—Colt's Automatic for Colt's automatic revolvers, metal case bullet, smokeless powder.

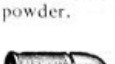
38—Short Colt's, powder 18 grains, lead 130 grains, for Colt's revolvers and other rifles of this caliber, semi-smokeless powder.

38—Long Colt's, powder 18 grains, lead 150 grains, for 38 long caliber revolvers and rifles, semi-smokeless and smokeless powder.

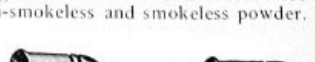
38—Colt's New Police, for Colt's new police revolvers, semi-smokeless powder.

38-40—Marlin, Colt's and Winchester, powder 40 grains, lead 180 grains, for Marlin, Colt's and Winchester rifles, semi-smokeless and smokeless powder.

41—Short Colt's D. A., powder 14 grains, lead 160 grains, for 41 caliber Colt's D. A. revolvers semi-smokeless powder.



41—Long Colt's D. A., powder 21 grains, lead 200 grains, for 41 caliber Colt's D. A. revolvers, semi-smokeless and smokeless powder.



41—Bulldog, powder 15 grains, lead 168 grains, for 44 caliber Webley and bull dog revolvers, semi-smokeless powder.
41—Webley, powder 18 grains, lead 200 grains, for 44 caliber Webley double action revolvers, semi-smokeless powder.

METALLIC CARTRIDGES.

CENTER FIRE, RIFLE AND PISTOL.

All Peters' Cartridges Are Loaded with either King's Semi-Smokeless or Smokeless Powder.

44—S. & W., Russian, powder 23 grains, lead 255 grains, for Smith & Wesson Russian model and Colts target revolvers, semi-smokeless powder.

44-40—Marlin, Winchester and Colts, powder 40 grains, lead 217 grains, for Marlin, Winchester and Colts rifles, semi-smokeless and smokeless powder.

45—Colts, powder 28 grains, lead 255 grains, semi-smokeless powder.

45—U. S. A., for 45 caliber Colts revolvers semi-smokeless and smokeless powder.

25-35—Winchester, lead 117 grains for Winchester repeating rifles model 1894, smokeless powder.

25-36—Marlin, lead 117 grains, for Marlin rifle, smokeless powder.

30-30—Marlin and Winchester, lead 160 grains, for Marlin rifle, model 1893, or Winchester rifle, model 1894, semi-smokeless powder.

30-30—Marlin and Winchester, short range, lead 100 grains, for Marlin rifle model 1893, or Winchester rifle model 1894, smokeless powder.

32—Winchester special, bullet 165 grains, for Winchester rifle, smokeless powder.

303—Savage, lead 180 grains, for Savage repeating rifle, smokeless powder.

30-40—U. S. Army, lead 220 grains, for Krag-Jorgensen repeating rifle, adopted by the U. S. government, and Winchesters model 1895, and single shot rifles, smokeless powder.

32-40—Ballard and Marlin, lead 165 grains, for Ballard, Marlin and Winchester rifles, semi-smokeless and smokeless powder.

32-40—High pressure, bullet 165 grains, high velocity, deeper penetration than 32-40, smokeless powder.

33—Winchester, bullet 200 grains, high power, for Winchester rifle, model 1886, soft point metal patched, special smokeless powder.

35—Winchester, bullet 200 grains, high power, for Winchester rifle, model 1886, soft point metal patched, special smokeless powder.

38-55—Ballard and Marlin, lead 255 grains, for Ballard, Marlin and Winchester rifles, semi-smokeless and smokeless powder.

38-55—High pressure, Ballard and Marlin, lead 256 grains, high velocity, smokeless powder.

38-56—Winchester, lead 255 grains, for Marlin rifle, model 1895, and Winchester rifle, model 1886, and single shot, semi-smokeless and smokeless powder.

40-65—Marlin and Winchester, lead 260 grains, for Marlin rifle, model 1895, and Winchester rifle, model 1886, semi-smokeless powder.

40-82—Marlin and Winchester powder 82 grains, lead 260 grains, for Marlin rifle, model 1895; semi-smokeless and smokeless powder.

45-60—Marlin and Winchester, powder 60 grains, lead 300 grains, for Marlin rifle, model 1895, and Winchester rifle, model 1886, and single shot rifle, semi-smokeless powder.

45-70-405—Government, powder 70 grains, lead 405 grains, for U. S. Army, Springfield, Marlin and Winchester rifles, semi-smokeless and smokeless powder.

45-90—Marlin and Winchester, powder 90 grains, lead 300 grains, for Marlin and Winchester rifles, semi-smokeless and smokeless powder.

7.65 MM—Luger, German and American, for Luger Automatic pistol, soft point or steel jacket bullet.

9 MM—Luger, German and American, for Luger Automatic pistol, soft point or steel jacket bullet.

30—Luger, German and American, for Luger Automatic pistol, soft point or steel jacket bullet, smokeless powder.

PETERS' METALLIC CARTRIDGES.

LOADED WITH KING'S SEMI-SMOKELESS POWDER.

Rim Fire.

CALIBER	CIPHER	CASE CONTAINS	WEIGHT OF CASE LBS.	PER 1,000
22—Short	Lagoon,	10 M.	68	$ 5.00
22—Short, Mushroom	Locate,	10 M.	60	5.50
22—Long	Lament,	10 M.	75	6.00
22—Long, Mushroom	Limit,	10 M.	70	6.50
22—Long, rifle	Lark,	10 M.	88	6.00
22—Long, rifle, Mushroom	Lesson,	10 M.	85	6.50
22—Stevens-Pope Armory	Late,	10 M.	88	6.00
22—Extra long	Logic,	10 M.	93	9.00
22—Winchester	Lop,	5 M.	60	9.00
25—Short, Stevens	Loiter,	4 M.	50	10.00
25—Stevens	Lofty,	2 M.	35	14.00
32—Extra short	Lustre,	5 M.	65	10.00
32—Short	Ledger,	5 M.	90	10.00
32—Long	Lathe,	5 M.	100	11.50
38—Short	Lyceum,	3 M.	82	16.00
41—Short	Lyric,	3 M.	81	15.00

Center Fire, Rifle and Pistol.

22 —Winchester	Maritime,	2 M.	37	$15.00
25-20—Marlin	Meadow,	2 M.	52	16.00
25-20—Stevens and Winchester, Single shot	Mansard,	2 M.	56	18.00
32 —Smith & Wesson	Magic,	5 M.	100	11.00
32 —Long, Smith & Wesson,	Mansion,	5 M.	110	12.00
32 —Short, Colt	Maroon,	5 M.	89	11.00
32 —Long Colt's	Matting,	5 M.	93	12.00
32 —Colt's new police	Mandate,	5 M.	100	12.00
32 —Winchester	Mallard,	2 M.	57	16.00
38 —Colt's new police	Minimize,	2 M.	66	13.50
38 —Smith & Wesson	Mallett,	2 M.	65	13.50
38 —Smith & Wesson, Special,	Music,	2 M.	90	16.50
38 —Short, Colt's D. A.	Memory,	4 M.	115	13.50
38 —Long, Colt's D. A.	Melt,	3 M.	100	14.50
38 —Winchester,	Moose,	2 M.	95	19.00
41 —Short, Colt's D. A.	Muscle,	2 M.	68	15.00
41 —Long, Colt's D. A.	Mouse,	2 M.	82	17.50
44 —Bull Dogl	Mummy,	2 M	74	14.50
44 —Webley	Mutter,	2 M.	86	16.50
44 —Smith & Wesson, Russian	Master,	2 M.	100	20.00
44 —Winchester	Mount,	2 M.	100	19.00
45 —Colt's army, single or double action	Mogul,	2 M.	118	22.00
45-28—Colt's army, single or double action	Mumble,	2 M.	115	22.00

Military and Sporting.

30-30—Marlin and Winchester, S. P.	Unicorn,	1 M.	65	$32.00
32-40—Winchester, Marlin & Ballard	Ultra,	1 M.	60	27.00
38-55—Winchester, Marlin & Ballard	Until,	1 M	73	33.00
38-56—Marlin and Winchester,	Umpire,	1 M	83	33.00
40-65—Marlin and Winchester,	Umbrella,	1 M	83	33.00
40-82—Marlin and Winchester,	Ultimate,	1 M.	80	36.00
45-60—Winchester and Marlin,	Utter,	1 M.	89	33.00
45-70-405—Government	Unbolt,	1 M.	107	35.00
45-90—Marlin and Winchester,	Unbutton,	1 M.	96	36.00

LOADED WITH SMOKELESS POWDER.

Rim Fire.

CALIBER	CIPHER	CASE CONTAINS	WEIGHT OF CASE LBS.	PER 1,000
22—Short, lubricant	Solder,	10 M.	68	$ 6.25
22—Short, non-lubricant	Sneeze,	10 M.	68	6.25
22—Long, lubricant	Sing,	10 M.	75	7.50
22—Long, non-lubricant	Soak,	10 M.	75	7.50
22—Long rifle, non-lubricant	Sode,	10 M.	75	7.50
22—Winchester, automatic	Sink,	5 M.	60	10.00
22—W. R. F.	Soap,	5 M.	60	10.00

LOADED WITH SMOKELESS POWDER.

Center Fire, Pistol and Rifle.

CALIBER	CIPHER	CASE CONTAINS	WEIGHT OF CASE LBS.	PER 1,000
25-20—Stevens and Winchester, Single Shot, Soft Point,	Simper,	2 M.	54	$22.00
25-20—Stevens and Winchester, Single Shot, Metal Case,	Sinew,	2 M.	54	22.00
25-20—Marlin, Metal Case,	Simoon,	2 M.	52	20.00
25-20—Marlin, High Velocity, Soft Point,	Sodium,	2 M.	52	21.00
25-20—Marlin,	Soothe,	2 M.	52	19.00
25-20—Marlin, Soft Point,	Silken,	2 M.	52	20.00
32 —Short Colt's	Soprano,	5 M.	95	12.00
32 —Long Colt's	Sorrel,	5 M.	100	13.50
32 —Winchester, High Velocity, Soft Point	Solace,	2 M.	57	21.00
32 —Automatic, Colt's, Metal Case	Silence,	5 M.	95	18 00
32 —Smith and Wesson	Spacious,	5 M.	100	12.00
32 —Smith and Wesson, Long	Spatter,	5 M.	117	13.50
32 —Winchester, Soft Point,	Sinister,	2 M.	57	20.00
32-20—W. C. F., Metal Case	Siphon,	2 M.	57	20.00
38 —Automatic, Colt's, Metal Case	Slander,	2 M.	60	26.00
38 —Smith and Wesson	Speller,	2 M.	65	15.50
38 —Smith and Wesson, Special	Simplify,	2 M.	73	18.50
38 —Long, Colt's, D. A.	Stable,	3 M.	100	16.50
38 —Winchester, Soft Point	Splash,	2 M.	95	24.00
38-40—W. C. F., Metal Case	Slope,	2 M.	100	24.00
380 —Automatic, Colt's, U. M. C., Metal Case		2 M.		25.00
41 —Long, Colt's, D. A.	Star,	2 M.	82	20.00
44 —Winchester, Soft Point	Spruce,	2 M.	100	24.00
44 —Winchester, Metal Case,	Sluice,	2 M.	100	24.00
45 —Automatic, Colt's, Metal Case	Sombre,	2 M.	115	30.00
45 —Colt's	Sergeant,	2 M.	115	24.50

Center Fire, Military and Sporting.

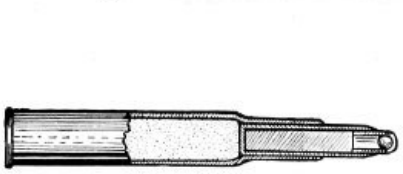
25-35—Winchester, Soft Point,	Upset,	1 M.	48	$33.00
25-35—Winchester, Metal Case,	Uprouse,	1 M.	48	33.00
25-36—Marlin, Soft Point	Upper,	1 M.	50	33.00
303 —Savage, Soft Point	Uproot,	1 M.	65	38.00
303 —Savage, Metal Case	Unhorse,	1 M.	65	38.00
30 —Luger, Soft Point	Suffrage,	1 M.	57	26.00
30 —Luger, Metal Case	Sulky,	1 M.	57	26.00
30-30—Short Range, Soft Point,	Ubiquity,	1 M.	53	30.00
30-30—Marlin and Winchester, Soft Point	Unloose,	1 M.	65	38.00
30-30—Marlin and Winchester, Full Jacketed	Universe,	1 M.	65	38.00
30-30—Remington Automatic Loading, Soft Point	Ufanar	1 M.	58	38.00
30-30—Remington Automatic Loading, Metal Case	Ubicos	1 M.	57	38.00
30 —U. S. Army, Soft Point, Bullet	Unfasten,	1 M.	75	50.00
30 —U. S. Army, Full Jacketed	Upturn,	1 M.	75	50.00
32 —Winchester Self-Loading, Metal Case	Ursiform,	1 M.	80	27.50
32 —Winchester, Special, Soft Point	Unmast,	1 M.	60	38.00
32 —Winchester Special, Metal Case	Uncertain	1 M.	60	38.00
32-40—Winchester, Marlin, Ballard, Soft Point	Unify,	1 M.	60	32.00
32-40—Winchester High Velocity, Soft Point	Uncouple,	1 M.	57	38.00
33 —Winchester, Soft Point,	Urtical,	1 M.	81	50.00
35 —Winchester, Soft Point,	Usbecks,	1 M.	83	55.00
35 —Winchester Self-Loading, Metal Case	Urgency,	1 M.	85	27.50
38-55—Winchester, Soft Point,	Unique,	1 M.	70	40.00
38-55—High Power, Soft Point,	Unjoint,	1 M.	70	40.00
38-56—Marlin and Winchester, Soft Point	Unkempt,	1 M.	81	40.00
40-82—Winchester and Marlin, Soft Point	Unlimber,	1 M.	80	43.00
45-70—Government, 405 Grain Bullet, Soft Point	Utmost,	1 M.	107	42.00
45-90—Winchester, Marlin, Soft Point	Usher,	1 M.	96	43.00

Peters' cartridges are unsurpassed for uniformity and accuracy. In their manufacture the most careful scientific tests are employed that are possible with the knowledge of modern explosives. No pains or cost are spared in order to secure perfection.

Scores have repeatedly been made which are not only phenomenal but excel the world's record. Such a reputation have these goods gained for themselves that the best experts will not risk their positions by using others.

METALLIC CARTRIDGES.

EQUIPPED WITH HOXIE BULLETS.



Showing Sectional View of Hoxie.

Hoxie Bullet expanded.

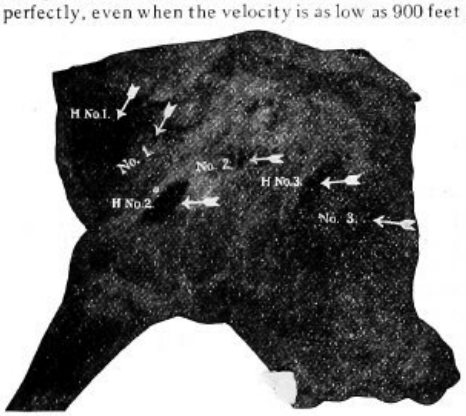
The Hoxie bullet is enthusiastically recommended by the leading sportsmen of the country.

These bullets have an impact ball and small air chamber inserted in the point, making the expansion positive and scientific.

When the bullet strikes an object the ball is forced into the chamber expanding the bullet and forcing it wide open.

The expansion is perfect and the wound produced is fatal.

The construction of the bullet does not interfere in the least with its accuracy or penetration. When it strikes bone, it goes through easily. Just as soon as it strikes flesh or tissue, it expands. It will bore through many inches of bone and afterwards will expand perfectly on flesh. In every test it expands better on flesh than any other substance and will mushroom perfectly, even when the velocity is as low as 900 feet per second.



Above cut shows a quarter of beef into which were fired Hoxie Expanding and Regular Soft Nose Cartridges. Note the comparative results.

Explanation of Cut.

Shot No. 1, 303 Savage regular soft nose. Shot No. H1, 303 Savage Hoxie Bullet. Shot No. 2, 30-30 Winchester regular soft nose. Shot No. H2, 30-30 Winchester Hoxie Bullet. Shot No. 3, 33 Winchester regular soft nose. Shot No. H3, 33 Winchester Hoxie Bullet. Cut shows where bullets entered.

Smokeless Rim Fire, Equipped With Hoxie Bullets.

22	—Winchester Automatic	15 lbs.	$0.70

Smokeless Central Fire, Equipped With Hoxie Bullets.

CALIBER		WEIGHT PER CASE OF 1,000	PER BOX OF 25
25-20—Marlin or Winchester		26 lbs.	$0.95
30 —Luger		28 "	1.15
32-20—		32 "	.95
38 —S. & W. Special		38 "	.85
38-40—Winchester and Marlin		46 "	1.10
44-40—Winchester and Marlin		48 "	1.10

Central Fire Smokeless Military and Sporting Cartridges, Equipped With Hoxie Bullets.

CALIBER	WEIGHT PER CASE OF 500	PER BOX OF 10
25-35—Winchester and Savage	24 lbs.	$0.60
25-36—Marlin	24 "	.60
30-30—Winchester, Marlin and Savage	30 "	.70
30-30—Remington Rimless Autoloading	30 "	.70
303 —Savage	35 "	.70
30-40—U. S. Army	40 "	.90
32 —Winchester Special	30 "	.70
32 40—	30 "	.70
35 —Remington Rimless Autoloading	46 "	.80
38-55—High Velocity	36 "	.80
40-82—Winchester	44 "	.80
45-70—405 Grain Bullet	53 "	.80
45-90—Winchester	47 "	.80

PETERS' SHOT CARTRIDGES.

Rim Fire. Loaded With King's Semi-smokeless Powder.

CALIBER	CIPHER	CASE CONTAINS	WEIGHT OF CASE LBS.	PER 1,000
22—Long	Thine,	10 M.	50	$11.00
32—Long	Thick,	5 M.	65	22.00

Center Fire, Pistol Size. Loaded With King's Semi-smokeless Powder.

32 —Smith and Wesson	Theory,	5 M.	75	$12.00
38 —Smith and Wesson	Theme,	2 M.	45	14.50
32 —Winchester	Twinkle,	2 M.	45	17.00
38 —Winchester	Turnip,	2 M.	75	20.00
44 —Winchester	Turbine,	2 M.	75	20.00
44 —XL	Turkey,			21.00
45-70—Government	Tremble,	1 M.		42.00

PETERS' BLANK CARTRIDGES.

Rim Fire.

Rim Fire.

Center Fire.

Center Fire.

CALIBER	CIPHER	CASE CONTAINS	PER 1,000
22 —Short, Rim Fire	Terror,	10 M.	$ 5.00
32 —Short, Rim Fire	Tenor,	5 M.	10.00
32 —Smith and Wesson Center Fire	Tenant,	5 M.	11.00
38 —Smith and Wesson Center Fire	Tulle,	2 M.	13.50
45-70—Government	Twig,	1 M.	35.00

PETERS' BLANK SHELLS.

10—Gauge cannon, loaded with black powder....per hundred $2.50

PETERS' BULLET BREECH CAPS.

CALIBER	CIPHER	CASE CONTAINS	PER 1,000
22—B. B. Cap, Round Ball	Leaf,	10 M.	$1.75
22—L. C. B. Cap, Conical Swaged Bullet, Lubricated and Packed	Labor,	10 M.	2.00

Rim Fire. Loaded With Best Smokeless Rifle Powder. Chilled Bullets.

22—B. B. Round Bullet, loose in box	Scale,	10 M.	$2.00
22—C. B.		10 M.	2.00

PETERS' PRIMED SHELLS.

Center Fire. Pistol and Rifle.

32-20—Marlin and Winchester	per 1,000	$ 9.00
38-40—Marlin and Winchester	"	10.00
44-40—Marlin and Winchester	"	10.00

FIFTY IN A BOX.

Sporting, Center Fire.

32-40—Ballard, Marlin and Winchester	per 1,000	$15.00
40-65—Marlin and Winchester	"	18.00

TWENTY IN A BOX.

PETERS' BULLETS.

Grooved.

25-20— 86 gr., Marlin and Winchester	per 1,000	$4.00
32-40—165 gr., Marlin, Ballard and Winchester	"	7.25

FIFTY IN A BOX.

Smokeless Cartridge.

30-30—170 gr., Marlin and Winchester, soft point	per 1,000	$6.00

TWENTY-FIVE IN A BOX.

PETERS' "LEAGUE" LOADED SHELLS.

Manila Colored.

League shells are loaded with extra fine quality black powder, two card wads and two elastic felt wads over powder, one cardboard wad over shot, best quality shot, accurate to gauge and sure fire.

12 Gauge, Loaded With Black Powder.

NUMBER	CIPHER	DRAMS POWDER.	WEIGHT SHOT, OZ.	SIZE SHOT.	PRICE PER 1,000
729	Dart.....	3	1	9	$25.00
728	Dash.....	3	1	8	25.00
727	Drift.....	3	1	7	25.00
726	Daunt.....	3	1	6	25.00
725	Dawn.....	3	1	5	25.00
724	Dazzle.....	3	1	4	25.00
758	Debar.....	3¼	1⅛	8	26.50
757	Debate.....	3¼	1⅛	7	26.50
756	Deceive.....	3¼	1⅛	6	26.50
755	Decide.....	3¼	1⅛	5	26.50
754	Deck.....	3¼	1⅛	4	26.50
753	Declaim....	3¼	1⅛	3	26.50
752	Declare.....	3¼	1⅛	2	26.50
776	Deduct.....	3½	1⅛	6	27.00
775	Defeat.....	3½	1⅛	5	27.00
774	Dread.....	3½	1⅛	4	27.00
783	Diminish...	3¾	1⅛	3	27.50
782	Direct.....	3¾	1⅛	2	27.50
781	Discern.....	3¾	1⅛	1	27.50
78BB	Disclose....	3¾	1⅛	BB	29.50
X204	Debility....	3½	1	5 Buck	28.00

16 Gauge, Loaded With Black Powder.

948	Fall.....	2¾	1	8	$26.00
947	Frost.....	2¾	1	7	26.00
946	Fancy.....	2¾	1	6	26.00
945	Famine.....	2¾	1	5	26.00
954	Feast.....	3	1	4	26.50

10 Gauge, Loaded With Black Powder.

NUMBER	CIPHER.	DRAMS POWDER.	WEIGHT SHOT, OZ.	SIZE SHOT.	PRICE PER 1,000
828	Ebb.....	4	1⅛	8	$29.00
838	Economize..	4¼	1⅛	8	29.50
837	Emulate....	4¼	1⅛	7	29.50
836	Edify.....	4¼	1⅛	6	29.50
835	Efficacy....	4¼	1⅛	5	29.50
834	Emancipate.	4¼	1⅛	4	29.50
846	Efface.....	4½	1⅛	6	30.00
845	Encounter...	4½	1⅛	5	30.00
844	Ejaculate...	4½	1⅛	4	30.00
843	Elaborate...	4½	1⅛	3	30.00
875	Emanate....	4½	1¼	5	31.00
874	Embark.....	4½	1¼	4	31.00
872	Empower...	4½	1¼	2	31.00
871	Encircle....	4½	1¼	1	31.00
84BB	Edible.....	4½	1⅛	BB	32.00
X217	Earldom....	4½	1¼	4 Buck	33.50

20 Gauge, Loaded With Black Powder.

628	Jade.....	2¼	¾	8	$24.50
627	Jungle.....	2¼	¾	7	24.50
626	Jeer.....	2¼	¾	6	24.50
625	Jerk.....	2¼	¾	5	24.50
624	Jilt.....	2¼	¾	4	24.50

25 IN A BOX; 500 IN A CASE.

The above list has been carefully compiled and will meet every reasonable requirement. The various combinations of powder and shot will be furnished in any size shot; the final figure of load number may be changed according to size of shot wanted. Special loads will not be supplied except at an advance in price.

WALSRODE, GRAINS.	BALLISTITE, GRAINS.	INFALLIBLE, GRAINS.	NEW E. C. IMPROVED, DRAMS.	NEW SCHULTZE, GRAINS.	KING'S, DRAMS.	DUPONT HAZARD, GRAINS.	KING'S SEMI-SMOKELESS, DRAMS.	BLACK POWDER, DRAMS.
22	16	16	2	24	1¾	25	1¾	2
24	18	18	2¼	27	2	28	2	2¼
26	20	20	2½	30	2¼	31	2¼	2½
28	22	22	2¾	33	2½	34	2½	2¾
30	24	24	3	36	2¾	37	2¾	3
32	26	26	3¼	39	3	40	3	3¼
36	28	28	3½	42	3¼	43	3¼	3½
40	30	30	3¾	45	3½	46	3½	3¾
42	32	32	4	48	3¾	49	3¾	4
45	34	34	4¼	51	4	52	4	4¼
48	36	36	4½	54	4¼	55	4¼	4½

The units used in the above table are the measured dram and grain avoirdupois. Dense Smokeless Powders, such as Infallible, Ballistite and Walsrode, should invariably be loaded by weight.

GUARANTY—These shells are made by the latest improved machinery and are loaded with extreme care. We warrant every Peters' loaded shell we send out.

(Signed)

HIBBARD, SPENCER, BARTLETT & CO.

PETERS' "REFEREE" LOADED SHELLS.

12 Gauge, Loaded with King's Semi-Smokeless Powder.

NUMBER.	CIPHER.	DRS. POWD.	WT. SHOT OZ.	SIZE SHOT.	PRICE PER 1,000
A00	Abaft	2½	1	10	$26.50
A09	Accrue	2½	1	9	26.50
A06	Abstain	2½	1	6	26.50
A28	Achieve	2¾	1	8	26.50
A27	Adjourn	2¾	1	7	26.50
A26	Alloy	2¾	1	6	26.50
A25	Again	2¾	1	5	26.50
A24	Agate	2¾	1	4	26.50
A98	Azure	3	1	8	27.00
A97½	Aver	3	1	7½	27.00
A97	Assume	3	1	7	27.00
A96	Apprehend	3	1	6	27.00
A95	Afford	3	1	5	27.00
A94	Aim	3	1	4	27.00
A93	Askance	3	1	3	27.00
A92	Aspen	3	1	2	27.00
A91	Asquint	3	1	1	27.00
A38	Adapt	2¾	1⅛	8	27.50
A37	Affect	2¾	1⅛	7	27.50
A36	Age	2¾	1⅛	6	27.50
A35	Ail	2¾	1⅛	5	27.50
A34	Alter	2¾	1⅛	4	27.50
A58	Amass	3	1⅛	8	28.00
A57½	Amaze	3	1⅛	7½	28.00
A57	Amend	3	1⅛	7	28.00
A56	Anchor	3	1⅛	6	28.00
A55	Annex	3	1⅛	5	28.00
A54	Appall	3	1⅛	4	28.00
A53	Accord	3	1⅛	3	28.00
A52	Alimony	3	1⅛	2	28.00
A76	Arm	3¼	1⅛	6	28.50
A75	Armor	3¼	1⅛	5	28.50
A74	Arrange	3¼	1⅛	4	28.50
A73	Array	3¼	1⅛	3	28.50
A72	Arrear	3¼	1⅛	2	28.50
A71	Agile	3¼	1⅛	1	28.50
A7BB	Assert	3¼	1⅛	BB	30.50
X244	Absorb	3¼	1	5Buck	29.50
A58Ch.	Amassing	3	1⅛	8Ch.	30.00
A57½Ch.	Amazing	3	1⅛	7½Ch.	30.00
A57Ch.	Amending	3	1⅛	7Ch.	30.00
A56Ch.	Anchoring	3	1⅛	6Ch.	30.00
A55Ch.	Annexing	3	1⅛	5Ch.	30.00
A54Ch.	Appalling	3	1⅛	4Ch.	30.00
A76Ch.	Arming	3¼	1⅛	6Ch.	30.50
A75Ch.	Armoring	3¼	1⅛	5Ch.	30.50
A74Ch.	Arranging	3¼	1⅛	4Ch.	30.50

Comparative Table Showing Strength of Semi-Smokeless Powder in Comparison with Black Powder.

2½ dr.	Semi-smokeless	Powder	equal	to	2¾ dr.	Black	Powder
2¾ dr.	"	"	"	"	3 dr.	"	"
3 dr.	"	"	"	"	3¼ dr.	"	"
3¼ dr.	"	"	"	"	3½ dr.	"	"
3½ dr.	"	"	"	"	3¾ dr.	"	"
3¾ dr.	"	"	"	"	4 dr.	"	"

10 Gauge, Loaded with King's Semi-Smokeless Powder.

NUMBER.	CIPHER.	DRS. POWD.	WT. SHOT OZ.	SIZE SHOT	PRICE PER 1,000
B08	Bake	3¼	1⅛	8	$30.50
B07	Band	3¼	1⅛	7	30.50
B06	Banish	3¼	1⅛	6	30.50
B28	Barter	3½	1⅛	8	30.50
B27	Begin	3½	1⅛	7	30.50
B26	Believe	3½	1⅛	6	30.50
B25	Benefit	3½	1⅛	5	30.50
B24	Blow	3½	1⅛	4	30.50
B23	Buffet	3½	1⅛	3	30.50
B56	Buffeted	3¾	1¼	6	31.50
B55	Buffon	3¾	1¼	5	31.50
B54	Burst	3¾	1¼	4	31.50
B53	Bluff	3¾	1¼	3	31.50
B52	Bland	3¾	1¼	2	31.50
B51	Bluster	3¾	1¼	1	31.50
B5BB	Blast	3¾	1¼	BB	33.50

16 Gauge, Loaded with King's Semi-Smokeless Powder.

C18	Corner	2¼	⅞	8	$26.00
C17	Cornice	2¼	⅞	7	26.00
C16	Corody	2¼	⅞	6	26.00
C28	Calm	2½	⅞	8	26.50
C27	Caper	2½	⅞	7	26.50
C26	Caress	2½	⅞	6	26.50
C25	Carmine	2½	⅞	5	26.50
C24	Contest	2½	⅞	4	26.50
C38	Cast	2½	1	8	27.50
C37	Chain	2½	1	7	27.50
C36	Cite	2½	1	6	27.50
C35	Cosmic	2½	1	5	27.50
C34	Cossack	2½	1	4	27.50
C33	Cost	2½	1	3	27.50

20 Gauge, Loaded with King's Semi-Smokeless Powder.

C218	Convent	2	¾	8	$26.00
C217	Coat	2	¾	7	26.00
C216	Collate	2	¾	6	26.00
C215	Combine	2	¾	5	26.00
C214	Compose	2	¾	4	26.00

25 IN A BOX. 500 IN A CASE.

These lists have been carefully compiled and will meet every reasonable requirement. The various combinations of powder and shot will be furnished in any size shot; the final figure of load number may be changed according to size of shot wanted. SPECIAL LOADS WILL NOT BE SUPPLIED EXCEPT AT AN ADVANCE IN PRICE.

KING'S SEMI-SMOKELESS POWDER.

This is a new and wonderful powder. While it is neither a black nor a nitro powder, nor a mixture of the two, it has the best qualities of both without their faults. It has the high velocity of a nitro powder with the low breech pressure of black. It is just as safe as black powder and may be used in the same way, bulk for bulk, though the same results may be obtained with less charge. It is free from smoke and very clean, permitting of hundreds of shots being fired without cleaning and without injury to the gun or loss of accuracy. It will not deteriorate nor is it affected by climatic influences, as are most of the nitro powders. While its superiority as a shot gun powder is recognized by all, as a rifle powder it is far ahead of anything yet discovered. Since 1897, the year it first came into competition, it has won the chief prizes in the National and International shoots and in many military shoots where it has been tried, making records which have been a marvel to marksmen the world over. Its long range, regularity and accuracy are simply phenomenal.

Many experts prefer it to any nitro powder, while the beauty of it is, it costs so much less and requires nothing better than the ordinary gun, shell, primer and loading, such as would be required for a good quality of black powder.

PETERS' "TARGET" LOADED SHELLS.

A Medium Price Shell, with Battery Cup Primer, for Bulk Smokeless Powders.

12 Gauge, Loaded with New Schultze Smokeless Powder.

NUMBER.	CIPHER.	DRS. POWD.	W'T SHOT OZ.	SIZE SHOT.	PRICE PER 1,000
S3116	Tallow	3	1	6	$36.00
S3114	Tackle	3	1	4	36.00
S3148	Teach	3	1 1/8	8	37.50
S3147 1/2	Tempt	3	1 1/8	7 1/2	37.50
S3147	Tender	3	1 1/8	7	37.50
S3146	Testify	3	1 1/8	6	37.50
S3145	Thank	3	1 1/8	5	37.50
S3144	Thirst	3	1 1/8	4	37.50
S3166	Thread	3 1/4	1 1/8	6	38.50
S3165	Threaten	3 1/4	1 1/8	5	38.50
S3164	Thrive	3 1/4	1 1/8	4	38.50
S3163	Throb	3 1/4	1 1/8	3	38.50
S3162	Tantalize	3 1/4	1 1/8	2	38.50
S3161	Talent	3 1/4	1 1/8	1	38.50
S316BB	Tabard	3 1/4	1 1/8	BB	41.00
S3147 1/2 Ch.	Tempting	3	1 1/8	7 1/2 Ch.	40.00
S3146 Ch.	Testifying	3	1 1/8	6 Ch.	40.00
S3144 Ch.	Thirsting	3	1 1/8	4 Ch.	40.00
S3166 Ch.	Threading	3 1/4	1 1/8	6 Ch.	41.00
S3165 Ch.	Threatening	3 1/4	1 1/8	5 Ch.	41.00
S3164 Ch.	Thriving	3 1/4	1 1/8	4 Ch.	41.00
S3157 1/2 Ch.	Thralling	3	1 1/4	7 1/2 Ch.	41.50
S3177 1/2 Ch.	Thruming	3 1/4	1 1/4	7 1/2 Ch.	42.50
S3187 1/2 Ch.	Traveling	3 1/8	1 1/4	7 1/2 Ch.	42.50

16 Gauge, Loaded with New Schultze Smokeless Powder.

S3538	Traduce	2 1/2	1	8	$35.00
S3537	Traffic	2 1/2	1	7	35.00
S3536	Trail	2 1/2	1	6	35.00
S3535	Trammel	2 1/2	1	5	35.00
S3534	Tramp	2 1/2	1	4	35.00
S3537 1/2 Ch.	Torpedoing	2 1/2	1	7 1/2 Ch.	37.50

12 Gauge, Loaded with Dead Shot Smokeless Powder.

DS3166	Illustrate	3 1/4	1 1/8	6	$38.50
DS3165	Imitate	3 1/4	1 1/8	5	38.50
DS3164	Impair	3 1/4	1 1/8	4	38.50
DS3147 1/2 Ch.	Igniteing	3	1 1/8	7 1/2 Ch.	40.00
DS3166 Ch.	Impeaching	3 1/4	1 1/8	6 Ch.	41.00
DS3165 Ch.	Impelling	3 1/4	1 1/8	5 Ch.	41.00
DS3164 Ch.	Inclosing	3 1/4	1 1/8	4 Ch.	41.00
DS3177 1/2 Ch.	Inviteing	3 1/4	1 1/4	7 1/2 Ch.	42.50
DS3187 1/2 Ch.	Faizeing	3 1/8	1 1/4	7 1/2 Ch.	42.50

12 Gauge, Loaded with Dupont's Smokeless Powder.

D3109	Facade	2 3/4	1	9	$35.00
D3108	Furl	2 3/4	1	8	35.00
D3107	Fulcrum	2 3/4	1	7	35.00
D3106	Frustrate	2 3/4	1	6	35.00
D3118	Facet	3	1	8	36.00
D3117	Faction	3	1	7	36.00
D3116	Fagot	3	1	6	36.00
D3115	Facund	3	1	5	36.00
D3114	Fadge	3	1	4	36.00
D3128	Fakir	2 3/4	1 1/8	8	36.50
D3127	Falcon	2 3/4	1 1/8	7	36.50
D3126	Fruit	2 3/4	1 1/8	6	36.50
D3148	Fanatic	3	1 1/8	8	37.50
D3147 1/2	Fang	3	1 1/8	7 1/2	37.50
D3147	Fantail	3	1 1/8	7	37.50
D3146	Farce	3	1 1/8	6	37.50
D3145	Fasten	3	1 1/8	5	37.50
D3144	Fathom	3	1 1/8	4	37.50
D3157 1/2	Fatigue	3	1 1/4	7 1/2	39.00
D3177 1/2	Fleign	3 1/4	1 1/4	7 1/2	40.00
D3157	Favor	3	1 1/4	7	39.00
D3167	Fanfare	3 1/4	1 1/8	7	38.50
D3166	Fawn	3 1/4	1 1/8	6	38.50
D3165	Feature	3 1/4	1 1/8	5	38.50
D3164	Fantasy	3 1/4	1 1/8	4	38.50
D3163	Famous	3 1/4	1 1/8	3	38.50
D3162	Falsify	3 1/4	1 1/8	2	38.50
D3161	Fallacy	3 1/4	1 1/8	1	38.50
D316BB	Fanfoot	3 1/4	1 1/8	BB	41.00
D3127 1/2 Ch.	Frittering	2 3/4	1 1/8	7 1/2 Ch.	39.00
D3148 Ch.	Fanaticing	3	1 1/8	8 Ch.	40.00
D3147 1/2 Ch.	Fanging	3	1 1/8	7 1/2 Ch.	40.00
D3147 Ch.	Fantailing	3	1 1/8	7 Ch.	40.00
D3146 Ch.	Farcing	3	1 1/8	6 Ch.	40.00
D3145 Ch.	Fastening	3	1 1/8	5 Ch.	40.00
D3144 Ch.	Fathoming	3	1 1/8	4 Ch.	40.00

12 Gauge, Loaded with Dupont's Smokeless Powder.

NUMBER.	CIPHER.	DRS. POWD.	W'T. SHOT OZ.	SIZE SHOT	PRICE PER 1,000
D3157 1/2 Ch.	Fatigueing	3	1 1/4	7 1/2 Ch.	$41.50
D3167 Ch.	Finishing	3 1/4	1 1/8	7 Ch.	41.00
D3166 Ch.	Fawning	3 1/4	1 1/8	6 Ch.	41.00
D3165 Ch.	Featuring	3 1/4	1 1/8	5 Ch.	41.00
D3164 Ch.	Fantasying	3 1/4	1 1/8	4 Ch.	41.00
D3167 1/2 Ch.	Finaling	3 1/4	1 1/8	7 1/2 Ch.	41.00
D3177 1/2 Ch.	Feigning	3 1/4	1 1/4	7 1/2 Ch.	42.50
D3176 Ch.	Femuring	3 1/4	1 1/4	6 Ch.	42.50
D3187 1/2 Ch.	Floating	3 1/8	1 1/4	7 1/2 Ch.	42.50

12 Gauge, Loaded with Dupont Smokeless Powder, with Shot Spreader.

D3148SS	Yankee	3	1 1/8	8	$40.00
D3147 1/2 SS	Yawl	3	1 1/8	7 1/2	40.00
D3147SS	Yeoman	3	1 1/8	7	40.00
D3146SS	Yellow	3	1 1/8	6	40.00
D3147 1/2 SSCh.	Yearling	3	1 1/8	7 1/2 Ch.	42.50
D3147SSCh.	Yielding	3	1 1/8	7 Ch.	42.50

10 Gauge, Loaded with Dupont's Smokeless Powder.

D3316	Fertile	3 1/2	1 1/8	6	$42.00
D3338	Fervent	3 1/2	1 1/4	8	43.50
D3337	Fester	3 1/2	1 1/4	7	43.50
D3336	Festoon	3 1/2	1 1/4	6	43.50
D3335	Fetch	3 1/2	1 1/4	5	43.50
D3334	Fetlock	3 1/2	1 1/4	4	43.50
DX293	Fluid	3 1/2	1 1/4	4 Buck	45.50

16 Gauge, Loaded with Dupont's Smokeless Powder.

D3518	Fight	2 1/2	7/8	8	$33.50
D3517	Figment	2 1/2	7/8	7	33.50
D3537 1/2	Fizzle	2 1/2	1	7 1/2	35.00
D3538	Filter	2 1/2	1	8	35.00
D3537	Finance	2 1/2	1	7	35.00
D3536	Finch	2 1/2	1	6	35.00
D3535	Finger	2 1/2	1	5	35.00
D3534	Firkin	2 1/2	1	4	35.00
D3537 1/2 Ch.	Fizzleing	2 1/2	1	7 1/2 Ch.	37.50
D3538 Ch.	Filtering	2 1/2	1	8 Ch.	37.50
D3536 Ch.	Finching	2 1/2	1	6 Ch.	37.50
D3535 Ch.	Fingering	2 1/2	1	5 Ch.	37.50
D3534 Ch.	Firkining	2 1/2	1	4 Ch.	37.50

20 Gauge, Loaded with Dupont's Smokeless Powder.

D3718	Foment	2	3/4	8	$32.00
D3717	Fotsam	2	3/4	7	32.00
D3736	Foozle	2 1/4	7/8	6	34.50

16 Gauge, Loaded with Dupont's Smokeless Powder, with Shot Spreader.

D3538SS	Zodiac	2 1/2	1	8	$37.50
D3537SS	Zither	2 1/2	1	7	37.50
D3537 1/2 SSCh.	Zirconing	2 1/2	1	7 1/2 Ch.	40.00

12 Gauge, Loaded with New E. C. Improved Smokeless Powder.

E3148	Occupy	3	1 1/8	8	$37.50
E3147 1/2	Offend	3	1 1/8	7 1/2	37.50
E3147	Offset	3	1 1/8	7	37.50
E3146	Ooze	3	1 1/8	6	37.50
E3145	Open	3	1 1/8	5	37.50
E3144	Operate	3	1 1/8	4	37.50
E3166	Oppress	3 1/4	1 1/8	6	38.50
E3165	Orbit	3 1/4	1 1/8	5	38.50
E3164	Option	3 1/4	1 1/8	4	38.50
E3147 1/2 Ch.	Offending	3	1 1/8	7 1/2 Ch.	40.00
E3157 1/2 Ch.	Opining	3	1 1/4	7 1/2 Ch.	41.50
E3166 Ch.	Oppressing	3 1/4	1 1/8	6 Ch.	41.00
E3165 Ch.	Orbiting	3 1/4	1 1/8	5 Ch.	41.00
E3164 Ch.	Optioning	3 1/4	1 1/8	4 Ch.	41.00
E3187 1/2 Ch.	Outlaying	3 1/8	1 1/4	7 1/2 Ch.	42.50

16 Gauge, Loaded with New E. C. Improved Smokeless Powder.

E3538	Overawe	2 1/2	1	8	$35.00
E3536	Overcome	2 1/2	1	6	35.00

12 Gauge, Loaded with Empire Smokeless Powder.

Emp3147 1/2	Imitate	3	1 1/8	7 1/2	$37.50
Emp3147 1/2 Ch.	Imitateing	3	1 1/8	7 1/2 Ch.	40.00
Emp3187 1/2 Ch.	Imbueing	3 1/8	1 1/4	7 1/2 Ch.	42.50
Emp3177 1/2 Ch.	Issueing	3 1/4	1 1/4	7 1/2 Ch.	42.50

The "Target" shells are of a rich red, and are very handsome in appearance. They are intended for the bulk nitro powders. They also have the No. 3 primer, which gives the proper flash and prompt action required, and imparts the highest initial velocity. No smokeless loads can excel them. They have medium height of brass and are ornamented. They are loaded in the best possible manner, and have no superiors at the trap. They are preferred by many of the best shooters in the country, and cannot be too highly recommended.

PETERS' LOADED SHELLS.

"HIGH GUN."

12 Gauge, Loaded with Laflin & Rand's Infallible Smokeless Powder.

NUMBER	CIPHER	GRS. POWD.	W'T SHOT OZ.	SIZE SHOT	PRICE PER 1,000
L408	Law	22	1	8	$35.00
L407	Lazy	22	1	7	35.00
L 38	Lisp	24	1⅛	8	37.50
L 37½	Limp	24	1⅛	7½	37.50
L 37	Lounge	24	1⅛	7	37.50
L 36	Lexicon	24	1⅛	6	37.50
L 35	Leopard	24	1⅛	5	37.50
L 34	Lock	24	1⅛	4	37.50
L 33	Lift	24	1⅛	3	37.50
L 32	List	24	1⅛	2	37.50
L 57½	Lumber	24	1¼	7½	39.00
L436	Limpet	25	1⅛	6	38.50
L 75	Larrup	26	1⅛	5	38.50
L 74	Languish	26	1⅛	4	38.50
L 3BB	Leech	24	1⅛	BB	40.00
L 57½Ch.	Lecturing	24	1¼	7½Ch.	41.50
L 77½Ch.	Levying	26	1⅛	7½Ch.	41.00
L 76 Ch.	Leavening	26	1⅛	6 Ch.	41.00
L 75 Ch.	Larruping	26	1⅛	5 Ch.	41.00
L 74 Ch.	Languishing	26	1⅛	4 Ch.	41.00
L 97½Ch.	Lubroiding	26	1¼	7½Ch.	42.50
L 36 Ch.	Lexiconing	24	1⅛	6 Ch.	40.00
L 35 Ch.	Leoparding	24	1⅛	5 Ch.	40.00
L 34 Ch.	Locking	24	1⅛	4 Ch.	40.00
L 37½Ch.	Limping	24	1⅛	7½Ch.	40.00
L447½Ch.	Linneting	25	1¼	7½Ch.	42.50

16 Gauge, Loaded with Laflin & Rand's Infallible Smokeless Powder.

L1657	Legate	20	⅞	7	$33.50
L1647	Legion	20	1	7	35.00
L1646	Leisure	20	1	6	35.00
L1645	Lullaby	20	1	5	35.00

12 Gauge, Loaded with Ballistite Dense Powder.

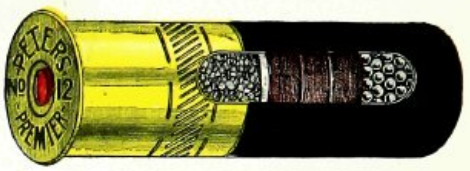
N 16	Nest	22	1⅛	6	$36.50
N 14	Nihil	22	1⅛	4	36.50
N 37½	Neglect	24	1⅛	7½	37.50
N 38	Newell	24	1⅛	8	37.50
N 37	Nibble	24	1⅛	7	37.50
N 36	Noble	24	1⅛	6	37.50
N 35	Nominate	24	1⅛	5	37.50
N 34	Nole	24	1⅛	4	37.50
N438	Nilgau	25	1⅛	8	38.50
N436	Nigrine	25	1⅛	6	38.50
N447½	Novate	25	1¼	7½	40.00
N 78	Nargate	26	1⅛	8	38.50
N 77	Nap	26	1⅛	7	38.50
N 76	Nictate	26	1⅛	6	38.50
N 75	Nucleate	26	1⅛	5	38.50
N 74	Nebulize	26	1⅛	4	38.50
N 77½Ch.	Noticeing	26	1⅛	7½Ch.	41.00
N 76 Ch.	Nothing	26	1⅛	6 Ch.	41.00
N 75 Ch.	Nucleateing	26	1⅛	5 Ch.	41.00
N 74 Ch.	Netting	26	1⅛	4 Ch.	41.00
N 97½Ch.	Nelbaring	26	1¼	7½Ch.	42.50
N 37½Ch.	Nicking	24	1⅛	7½Ch.	40.00
N 37 Ch.	Nibbling	24	1⅛	7 Ch.	40.00
N 36 Ch.	Nobling	24	1⅛	6 Ch.	40.00
N 35 Ch.	Nominating	24	1⅛	5 Ch.	40.00
N 34 Ch.	Noling	24	1⅛	4 Ch.	40.00
N 57½Ch.	Nonplusing	24	1¼	7½Ch.	41.50
N447½Ch.	Novating	25	1¼	7½Ch.	42.50

16 Gauge, Loaded with Ballistite Dense Powder.

N1657½	Nictunt	20	⅞	7½	$33.50
N1656	Ningor	20	⅞	6	33.50
N1647	Naphthol	20	1	7	35.00
N1646	Nargile	20	1	6	35.00
N1645	Ninox	20	1	5	35.00
N1657½Ch.	Nictunting	20	⅞	7½Ch.	36.00
N1647½Ch.	Nitiding	20	1	7½Ch.	37.50

25 IN A BOX. 500 IN A CASE.

"PREMIER."



12 Gauge, Loaded with Infallible Dense Powder.

NUMBER	CIPHER	GRS. POWD.	W'T SHOT OZ.	SIZE SHOT	PRICE PER 1,000
P138	Lobby	24	1⅛	8	$48.50
P137½	Lobster	24	1⅛	7½	48.50
P137	Logger	24	1⅛	7	48.50
P136	Locker	24	1⅛	6	48.50
P526	Langohr	25	1⅛	6	49.50
P176	Lottery	26	1⅛	6	49.50
P175	Locust	26	1⅛	5	49.50
P174	Libel	26	1⅛	4	49.50
P137½Ch.	Lobstering	24	1⅛	7½Ch.	51.00
P527½Ch.	Leveling	25	1⅛	7½Ch.	52.00
P157½Ch.	Lizarding	24	1¼	7½Ch.	52.50
P177½Ch.	Lichening	26	1⅛	7½Ch.	52.00
P176 Ch.	Lotterying	26	1⅛	6 Ch.	52.00
P175 Ch.	Locusting	26	1⅛	5 Ch.	52.00
P197½Ch.	Linteling	26	1¼	7½Ch.	53.50
P537½Ch.	Lumbering	25	1¼	7½Ch.	53.50

16 Gauge, Loaded with Infallible Dense Powder.

P2658	Loyson	20	⅞	8	$44.50
P2646	Lovat	20	1	6	46.00

12 Gauge, Loaded with Ballastite Powder.

R136	Nonsuit	24	1⅛	6	$48.50
R526	Nipigon	25	1⅛	6	49.50
R176	Nod	26	1⅛	6	49.50
R157½Ch.	Nocturning	24	1¼	7½Ch.	52.50
R537½Ch.	Numburg	25	1¼	7½Ch.	53.50
R197½Ch.	Nurtureing	26	1¼	7½Ch.	53.50
R196 Ch.	Noguetteing	26	1¼	6 Ch.	53.50
R127½Ch.	Neighing	28	1½	7½Ch.	54.50
R126 Ch.	Nourishing	28	1¼	6 Ch.	54.50
R125 Ch.	Notaveling	28	1¼	5 Ch.	54.50
R176 Ch.	Noding	26	1⅛	6 Ch.	52.00
R175 Ch.	Nobloising	26	1⅛	5 Ch.	52.00
R174 Ch.	Nogrobeing	26	1⅛	4 Ch.	52.00
R136 Ch.	Nonsuiting	24	1⅛	6 Ch.	51.00
R527½Ch.	Neutraling	25	1⅛	7½Ch.	52.00
R566 Ch.	Neliteing	28	1⅛	6 Ch.	53.00
R567 Ch.	Nelmoting	28	1⅛	7 Ch.	53.00

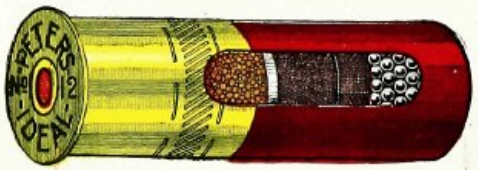
25 IN A BOX. 500 IN A CASE.

While the loaded shells made by the Peters' Cartridge Co. have for years been the equal of the best makes, they are to-day unequaled in quality and appearance. The brass is especially prepared and free from tarnish, the paper is richer and more even in color, the top wads are a lighter shade of the same color as the body of the shell, presenting a handsome finish, while the crimp is smoother and of better form. Never has so much attention been paid to the quality of paper and brass, to the material and method of loading and to every detail of manufacture.

The "High Gun" and "Premier" shells are of a deep blue, and are intended for dense nitro powders, having for this purpose the customary high base and a strong No. 3½ primer, calculated to give quick and thorough ignition. The paper and brass are of extra quality. The "High Gun" is intended as a medium grade and has medium high brass. The "Premier" is the highest grade and has extra high brass. In both instances the brass is ornamented by indentations, and the inner open end beveled to avoid cutting off of paper. These shells are used by the very best experts, and have given great satisfaction. They develop the greatest velocity of which dense powders are capable. The felt wads are very thick and elastic, the pressure is carefully regulated, and everything is done to secure a perfect load and the best results.

The above list has been carefully compiled and will meet every reasonable requirement. The various combinations of powder and shot will be furnished in any size shot; the final figure of load number may be changed according to size of shot wanted. Special loads will not be supplied except at an advance in price.

PETERS' "IDEAL" LOADED SHELLS.



12 Gauge, Loaded with Dupont Smokeless Powder.

NUMBER.	CIPHER.	DRS. POWD.	W'T SHOT OZ.	SIZE SHOT	PRICE PER 1,000
D138	People	3	1⅛	8	$48.50
D137½	Pump	3	1⅛	7½	48.50
D137	Phrase	3	1⅛	7	48.50
D136	Pantomine	3	1⅛	6	48.50
D135	Parade	3	1⅛	5	48.50
D134	Papoose	3	1⅛	4	48.50
D178	Parallel	3¼	1⅛	8	49.50
D177	Parcel	3¼	1⅛	7	49.50
D176	Picket	3¼	1⅛	6	49.50
D175	Picnic	3¼	1⅛	5	49.50
D174	Picture	3¼	1⅛	4	49.50
D117½Ch.	Pealing	2¾	1⅛	7½Ch.	50.00
D138 Ch.	Peopleing	3	1⅛	8 Ch.	51.00
D137½Ch.	Pumping	3	1⅛	7½Ch.	51.00
D137 Ch.	Phrasing	3	1⅛	7 Ch.	51.00
D136 Ch.	Pantomineing	3	1⅛	6 Ch.	51.00
D134 Ch.	Papooseing	3	1⅛	4 Ch.	51.00
D157½Ch.	Perempting	3	1¼	7½Ch.	52.50
D177½Ch.	Pestering	3¼	1⅛	7½Ch.	52.00
D197½Ch.	Parching	3¼	1¼	7½Ch.	53.50
D127½Ch.	Petonging	3½	1¼	7½Ch.	54.50
D125 Ch.	Peypusing	3½	1¼	5 Ch.	54.50
D176 Ch.	Picketing	3¼	1⅛	6 Ch.	52.00
D175 Ch.	Picnicing	3¼	1⅛	5 Ch.	52.00
D174 Ch.	Picturing	3¼	1⅛	4 Ch.	52.00
D147½Ch.	Pauseing	3⅛	1¼	7½Ch.	53.50
D566 Ch.	Propeling	3½	1⅛	6 Ch.	53.00
D567 Ch.	Proffering	3½	1⅛	7 Ch.	53.00

12 Gauge, Loaded with Dupont Smokeless Powder, with Shot Spreader

D138SS	Vulgar	3	1⅛	8	$51.00
D137½SS	Varnish	3	1⅛	7½	51.00
D137SS	Voyage	3	1⅛	7	51.00
D137½SSCh	Voting	3	1⅛	7½Ch.	53.50
D137SS Ch	Volliying	3	1⅛	7 Ch.	53.50

16 Gauge, Loaded with Dupont Smokeless Powder.

D2658	Pulley	2½	⅞	8	$44.50
D2657	Purify	2½	⅞	7	44.50
D2646	Puncheon	2½	1	6	46.00
D2645	Purport	2½	1	5	46.00
D2644	Push	2½	1	4	46.00
D2647½Ch	Pygmying	2½	1	7½Ch.	48.50
D2617 Ch	Purloining	2¾	1	7 Ch.	49.50
D2616 Ch	Purchasing	2¾	1	6 Ch.	49.50
D2614 Ch	Punishing	2¾	1	4 Ch.	49.50

12 Gauge, Loaded with New E. C. Improved Smokeless Powder.

NUMBER.	CIPHER.	DRS. POWD.	W'T SHOT OZ.	SIZE SHOT	PRICE PER 1,000
E176	Carvel	3¼	1⅛	6	$49.50
E176 Ch.	Carveling	3¼	1⅛	6 Ch.	52.00
E566 Ch.	Carping	3½	1⅛	6 Ch.	53.00
E147½Ch.	Chanting	3⅜	1¼	7½Ch.	53.50

We will not load the E. C. Improved, in grains.

12 Gauge, Loaded with New Schultze Smokeless Powder.

S176	Goddess	3¼	1⅛	6	$49.50
S175	Gondola	3¼	1⅛	5	49.50
S174	Gorgeous	3¼	1⅛	4	49.50
S177½Ch.	Glaciering	3¼	1⅛	7½Ch.	52.00
S176 Ch.	Goddessing	3¼	1⅛	6 Ch.	52.00
S175 Ch.	Gondolaing	3¼	1⅛	5 Ch.	52.00
S157½Ch.	Glorifying	3	1¼	7½Ch.	52.50
S197½Ch.	Goading	3¼	1¼	7½Ch.	53.50
S147½Ch.	Going	3⅜	1¼	7½Ch.	53.50

16 Gauge, Loaded with New Schultze Smokeless Powder.

S2644	Grattoir	2½	1	4	$46.00

12 Gauge, Loaded with Dead Shot Smokeless Powder.

DS147½Ch.	Pappoting	3⅛	1¼	7½Ch.	$53.50
DS197½Ch.	Parading				

12 Gauge, Loaded with Empire Smokeless Powder.

Emp147½Ch.	Pappeuxing	3⅛	1¼	7½Ch.	$53.50
Emp197½Ch.	Paddocking	3¼	1¼	7½Ch.	53.50

25 IN A BOX. 500 IN A CASE.

The Ideal Shells are a rich red color and are very handsome in appearance. They have the No. 3½ primer which gives the proper flash and prompt action required, and imparts the highest initial velocity. No smokeless loads can excel them. The Ideal shells have an extra height of brass and are ornamented. They are loaded in the best possible manner and have no superiors at the trap. They are preferred by many of the best shooters in the country and can not be too highly recommended.

The above list has been carefully compiled and will meet every reasonable requirement. The various combinations of powder and shot will be furnished in any size shot; the final figure of load number may be changed according to size of shot wanted. Special loads will not be supplied except at advance in price.

GUARANTY—These shells are made by the latest improved machinery and are loaded with extreme care. We warrant every Peters' loaded shell we send out.

(Signed)
HIBBARD, SPENCER, BARTLETT & Co.

PETERS' PRIMERS.

Every part of these primers, beginning with the crude fulminate, is manufactured by Peters Cartridge Co., and they are therefore able to maintain the highest standard of quality. They are sure fire and perfectly adapted to the various shells and cartridges for which they are designed.

No. 1. Copper, for the smaller caliber rifle cartridges, 250 in a box.....per M $2.00
100 in a box..... " 2.00

No. 1½. Copper, for revolver cartridges, same size as No. 1, 250 in a box.....per M 2.00
100 in a box..... " 2.00

No. 2. Copper, adapted to paper and brass shells and large revolver cartridges, 250 in a box.....per M 2.00
100 in a box..... " 2.00

No. 2½. Copper, adapted to military and sporting cartridges, 250 in a box.....per M 2.00
100 in a box..... " 2.00

No. 4. Copper, adapted to smokeless powder, same size as No. 2, 250 in a box.....per M 2.00
100 in a box..... " 2.00

No. 3. Adapted to Peters' shells, with battery cup, for smokeless powders, 100 in a box.....per M $2.00

No. 3½. Used in Ideal, Target, High Gun and Premier shells, 100 in a box.....per M 2.00

No. 6. Copper, for smokeless powder cartridges, same size as No. 1, 100 in a box.....per M 2.00

No. 6½. Brass, for military and sporting cartridges, same size as No. 1, 100 in a box.....per M 2.00

No. 7½. Brass, for high power smokeless powder cartridges, 100 in a box.....per M 2.00

No. 8½. Brass, for high pressure smokeless powder cartridges, same size as No. 2, 100 in a box.....per M 2.00

No. 3 Primers packed 50,000 in case; all others 100,000 in case.
Cannon Friction, 1.75 long, .185 diameter, 250 in a box....per M 27.00

GUN CAPS.

Trimmed Edge, center fire, Nos. 10, 11 and 12.....per M $0.55
Eley Bros.' E. B., No. 11..... " .75
Musket, in tin, best American..... " .80
100 IN A BOX; 1,000 IN A PACKAGE.
Not sold in less than full package.

SHELLS AND WADS.

EMPTY PAPER SHOT SHELLS.

Peters "League," for Black Powders, No. 2 Primer, Color Manila.

10 Gauge, 2⅞ in.	per thousand	$9.00
12 Gauge, 2⅝ in.	"	8.00
16 Gauge, 2 9/16 in.	"	7.50
20 Gauge, 2½ in.	"	7.50

100 IN A BOX.

Peters Target, Cherry Red, Using No. 3 Battery Cup Primer, for Light and Medium Loads of Bulk Smokeless Powder.

10 Gauge, 2⅞ in.	per thousand	$11.00
12 Gauge, 2⅝ in.	"	10.00
12 Gauge, 2¾ in.	"	11.00
16 Gauge, 2 9/16 in.	"	9.50
20 Gauge, 2½ in.	"	9.50

100 IN A BOX.

Peters High Gun, Dark Blue, Using No. 3 Primer, for Light and Medium Loads of Dense Smokeless Powders.

12 Gauge, 2⅝ in. per thousand $10.00

100 IN A BOX.

Peters Ideal a Beautiful Cherry Red Shell, with High Brass and Battery Cup, Using No. 3 Primer, Which Gives Instantaneous Ignition to Any Standard Nitro Powder.

12 Gauge, 2⅝ in.	per thousand	$13.50
12 Gauge, 2¾, 2⅞ in.	"	14.50
16 Gauge, 2 9/16 in.	"	13.50

100 IN A BOX.

Peters Premier, a Dark Blue Shell, with High Brass and Battery Cup, Using Peters No. 3 Primer, Adapted Only to Dense Smokeless Powders.

12 Gauge, 2⅝ in.	per thousand	$13.50
16 Gauge, 2 9/16 in.	"	13.50

100 IN A BOX.

Pin Fire.

16 Gauge per thousand $9.00

100 IN A BOX.

BRASS SHOT SHELLS.

"Club" and "Rival," Using No. 2 Primer.

10 Gauge, 2⅝ and 2⅞ in.	per hundred	$ 8.00
12 Gauge, 2⅝ and 2¾ in.	"	8.00

"Best Quality," Using No. 2 Primer.

8 Gauge, 3 in.	per hundred	$18.00
10 Gauge, 2⅝ in.	"	10.00
10 Gauge, 2⅞ in.	"	10.50
12 Gauge, 2⅝ in.	"	10.00
12 Gauge, 2¾ in.	"	10.50
16 Gauge, 2½ in.	"	10.00
20 Gauge, 2 9/16 in.	"	10.00

Nickel plated brass shells, $4.00 extra per hundred.

25 IN A BOX.

PETERS' GUN WADS.

Black Edge.

Gauge	8	9	10	11	12	13	14	15	16	20
Regular thickness per thousand	$0.80	.70	.70	.60	.60	.60	.60	.60	.60	.60
¼ in. thick			1.05		.90				.90	
⅜ in. thick					2.50					

Victor.

Gauge 12

¼ in. thick per thousand $0.90

These wads are especially adapted to nitro powder, contain no oil or grease, and are well protected against dampness. Should be used next to the powder, with lubricated wad above. Recoil will be perceptibly lessened and other qualities improved.

Pink Edge.

Gauge 12

Regular thickness, per thousand $1.00

Damp Proof.

12 Gauge per thousand $1.00

These wads are made from the best quality of elastic felt, especially prepared and covered with black waterproof paper; for use over powder to protect it from dampness or grease.

White Felt.
Lubricated, for Nitro Powder.

Gauge 12

⅜ in. thick per thousand $2.75

REGULAR AND ¼ IN. THICKNESS, 250 IN A BOX; ⅜ IN THICKNESS, 125 IN A BOX.

Cardboard.

Cut from card board made especially for this purpose, of even thickness and density.

Gauge	8	9	10	11	12	16	20
"A" thickness, Over-Powder, 72-1000 in. per thousand	$0.26	.22	.22	.18	.18	.18	
"B" thickness, Over-shot, 40-1000 in. per thousand			.22	.18	.18	.18	.18

Grease Proof Cardboard.

For use over nitro powders. These wads are covered on both sides with waterproof material, preventing the powder from being affected by grease from the felt wadding. They are of uniform density, and will give improved velocity and pattern.

Gauge 12

Per thousand $0.30

Nitro Cardboard.

Thick blue. For use over nitro powders. Will increase velocity and penetration and improve pattern by preventing the felt wads being torn by the explosion.

Gauge	10	12	16
Per thousand	$0.22	.18	.18

ALL WADS ARE PACKED 50,000 IN A CASE.

GUNPOWDER AND BLASTING SUPPLIES.★

SMOKELESS SHOT GUN POWDER.

Dupont's.

1	lb. Canisters (bulk)	each	$ 1.00
6¼	lb. Quarter Kegs (bulk)	"	5.75
12½	lb. Half Kegs (bulk)	"	11.25
25	lb. Kegs (bulk)	"	22.00
50	lb. Drums (bulk)	"	43.50

Laflin & Rand's.

1 lb. Canisters, twenty-five in a box, each		$ 1.00
10 lb. Drums, ten in a box	each	9.00
25 lb. Drums, not boxed	"	22.00
50 lb. Drums, not boxed	"	43.50

"New Schultze."

1 lb. Cans (bulk)	each	$ 1.00
10 lb. Drums (bulk)	"	9.00
50 lb. Drums (bulk)	"	43.50

"New Schultze" is an improvement on the old issue which it will supersede.

SMOKELESS SHOT GUN POWDER.

"New E. C." (Improved).

1 lb. Cans (bulk)	each	$ 1.00
10 lb. Drums (bulk)	"	9.00
50 lb. Drums (bulk)	"	43.50

"New E. C." (Improved) is not only something new but is also an improvement on all former issues of E. C. Smokeless powder. Since it contains all the good qualities of No. 1 E. C. and the later "New E. C." besides many excellent features which those powders did not contain it is superior to them and will take their place.

SMOKELESS RIFLE POWDER.

Dupont's No. 1 and No. 2.

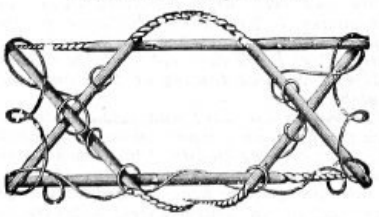
1 lb. Canisters	each	$1.00
1 lb. Canisters, "30 caliber"	"	1.25

No. 2 is a coarser and slower powder than No. 1.

Laflin & Rand.

W. A. 30 Caliber, 1 lb. canister	each	$1.25
Lightning, 1 lb. canister	"	1.25
Sharpshooter, 1 lb. canister	"	1.25
Unique, 4⅔ oz. canister	"	1.00
Marksman, 8 oz. canister	"	1.00

MINERS' SQUIBS.



No. 1—For general use	per thousand $1.50
No. 2—Strong, for side blasting	per thousand 1.50

100 IN A BOX, 10,000 IN A CASE.

MINERS' SQUIB BOXES.

No. 10—Tin, 7×1⅜×¾ in., per dozen $1.20

SAFETY FUSE.

Star.

Cotton, 50 ft. in coil, w't per 1,000 ft. 9¼ lbs., 12,000 ft. in case, per 1,000 ft.	$2.65
Single Tape, 50 ft. in coil, w't per 1,000 ft. 14¼ lbs., 6,000 ft. in case, per 1,000 ft.	4.00

Star Brand Safety Mining Fuse is imported direct from Germany, and enjoys forty-five years of the highest reputation all over the world.

Climax.

Cotton, 50 ft. in coil, w't per 1,000 ft. 9⅞ lbs., 12,000 ft. in case, per 1,000 ft.	$3.70
Single Tape, 50 ft. in coil, w't per 1,000 ft. 16 lbs., 6,000 ft. in case, per 1,000 ft.	4.20
Double Tape, 50 ft. in coil, w't per 1,000 ft. 17 lbs., 6,000 ft. in case, per 1,000 ft.	5.10
Triple Tape, 50 ft. in coil, w't per 1,000 ft. 18¼ lbs., 6,000 ft. in case, per 1,000 ft.	5.95

Ensign Bickford & Co.'s.

Cotton, 50 ft. in coil, w't per 1,000 ft. 10 lbs., 12,000 ft. in case, per 1,000 ft.	$3.70
Single Tape, 50 ft. in coil, w't per 1,000 ft. 16 lbs., 6,000 ft. in case, per 1,000 ft.	4.20
Double Tape, 50 ft. in coil, w't per 1,000 ft. 17 lbs., 6,000 ft. in case, per 1,000 ft.	5.10
Triple Tape, 50 ft. in coil, w't per 1,000 ft. 18½ lbs., 6,000 ft. in case, per 1,000 ft.	5.95
Anchor Brand, 100 ft. in coil, w't per 1,000 ft. 20 lbs., 6,000 ft. in case, per 1,000 ft	4.90
Gutta Percha, 50 ft. in coil, w't per 1,000 ft. 20 lbs., 6,000 ft. in case, per 1,000 ft	5.75

Cotton Fuse can be used only in perfectly dry work. Single Tape is suitable for damp, but not wet work. Double Tape is suitable for wet work and under moderate depth of water. Triple Tape can be used with certainty and safety under water.

FUSE CUTTERS.

No. 5—5½ in. long, pressed steel, polished steel finish, with cap crimper, w't per doz. 7½ lbs. per dozen $6.00

A convenient tool for cutting the fuse and crimping the cap fast to the fuse. By its use misshots may often be avoided.

★*OWING TO CITY ORDINANCES WE ARE UNABLE TO CARRY IN STOCK POWDER, DYNAMITE OR CAPS, SO THESE GOODS ARE NECESSARILY FOR SHIPMENT FROM FACTORY.*

BLASTING SUPPLIES.

AETNA DYNAMITE.

Nitro-Glycerine Powder.

Nos.	4	4X	3	3X
Strength	20	25	27	30%
Per pound	$0.15	.15½	.16	.16½
Nos.	2C	2B	2	2X
Strength	33	35	40	45%
Per pound	$0.17	.17½	.18	.18½
Nos.			2XX	1
Strength			50	60%
Per pound			$0.19½	.21

¾, ⅞, 1, 1¼ OR 1½ IN. CARTRIDGES, 25 OR 50 LBS. IN A CASE. WE DO NOT BREAK CASES.

Ammonia Powder.

No. 2A —40 per cent. explosive compound ..... per pound $0.17½

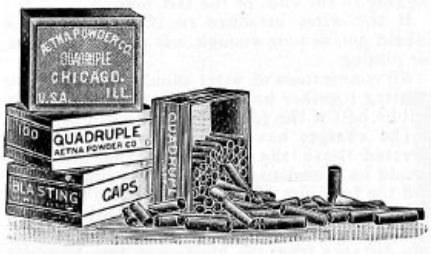
No. 1A —60 per cent. explosive compound ..... per pound .20½

¾, ⅞, 1, 1¼ OR 1½ IN. CARTRIDGES, 25 OR 50 LBS. IN A CASE. WE DO NOT BREAK CASES.

Powder or dynamite cannot be shipped with other goods.

Dynamite is a combination of nitro-glycerine with other explosive ingredients, and when properly manufactured is much safer than gunpowder. 40% is the grade most used and is best for quarry work, stump blasting, etc. The lower grades, 20% to 30%, are suitable for blasting clay, very soft rock and other material which requires a pushing rather than a shattering effect. 30% and 35% are for moderately hard rock and stumps in light soil; 45% to 60% for very hard rock. 60% and 75% are best for breaking bowlders, submarine blasting and shooting wells. Sold by weight only.

DYNAMITE BLASTING CAPS.



Aetna.

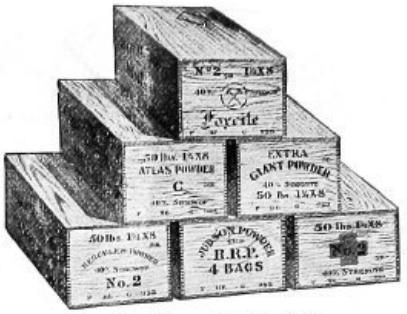
Gold Medal, XXXX, quadruple strength, per thousand $10.00

Silver Medal, XXX, triple strength, per thousand 9.00

Always store and carry your caps separate from the dynamite. Caps cannot be shipped with dynamite.

100 IN A BOX, 1,000 IN A CARTON.

DUPONT'S DYNAMITE.



Atlas Powder and Atlas Extra.

Strength	30	33	35	40	60%
Per pound	$0.16½	.17	.17½	.18	.21

Hercules Powder and Hercules Extra.

Strength	30	33	35	40	60%
Per pound	$0.16½	.17	.17½	.18	.21

Giant Powder and Giant Extra.

Strength	30	33	35	40	60%
Per pound	$0.16½	.17	.17½	.18	.21

Red Cross Dynamite, Low Freezing.

Strength	30	33	35	40	60%
Per pound	$0.16½	.17	.17½	.18	.21

The above explosives are especially adapted for blasting stumps, breaking bowlders, digging wells, quarrying work, etc.

Freezes slowly and not above 30°.

Repauno Gelatin, Hercules Gelatin, Giant Gelatin and Forcite.

Strength	35	40	60	75%	
Per pound	$0.17½	.18	.21½	.23	

These are especially adapted for use in tunnels or other places where the ventilation is not especially good.

Judson Railway Powder, per pound $0.11

Judson railway powder is especially adapted for open excavations, especially in shaly rock. Cases containing 50 lbs. net, four bags to the case.

All dynamite is packed in cases containing 50 lbs. net, in cartridges ⅞×8 in., 1×8 in. and 1¼×8 in. Special sizes for special purposes can be had at increased cost for package.

Thawing Dynamite.

There are various ways of thawing High Explosives. They are all the same in effect. THAW SLOWLY AND GRADUALLY.

One of the simplest and best ways is to spread the cartridges on a shelf, or on the floor, in a warm room and leave them over night. Burying dynamite in boxes in fresh manure is a safe and fairly effective way to thaw the explosive, provided the manure is fresh.

Never thaw dynamite by putting it near a fire, or in the oven, or against a stove or steam heater. And do not try to thaw by exposing dynamite to live steam, or soaking in hot water.

It is not at all necessary that the cartridge should feel warm.

Be sure they are soft (*all through*) and you will be all right.

POINTS ON BLASTING.

To Prepare a Cartridge for Use.

Cut off a piece of fuse the required length and carefully insert the *freshly-cut end* of the fuse in the *cap*. The fuse should exactly fit the cap. If it is too large, pare it down; and if too small, wrap it with paper till it is the right size. Press the cap down gently until the charge contained in the cap comes in contact with the loose powder of the fuse end, then with the crimpers tighten the empty end of the cap, so that the fuse cannot be pulled out of the cap. The fuse and cap will then be ready to put in the cartridge.

The principal precaution to be observed in crimping caps on the fuse is, to be careful not to crimp the caps tight enough to cut off the powder train in the fuse, thus preventing the fire from reaching the cap and causing a failure of the blast.

If the place where the blasting is being done is wet, the filling of the cap must be protected, as it is quickly spoiled by moisture, and if allowed to become damp might cause the blast to hang fire or miss altogether. This trouble can be very simply prevented by smearing the oustide junction of the fuse and cap (*i. e.*, where the cap is crimped to the fuse as well as the hole in the cartridge where the fuse enters) with grease, tallow, or some similar substance to keep out the dampness.

Now, having prepared the cap as just described, it is ready to be put in the cartridge. Take a pointed stick of wood about the size of a lead pencil and punch a hole in the side of the cartridge about an inch or two from one end, at an angle towards the other end. Insert the cap in this hole and tie the fuse tightly by means of a half hitch to the cartridge.

This prevents the tamping rod from coming in contact with the cap, and keeps the cap from pulling out of the cartridge.

Always be careful when manipulating dynamite not to taste it or get it on the hands, for the smallest quantity will nearly always cause a violent headache.

Charging the Hole.

Having prepared the cartridge for use in the manner described, insert it in the bore-hole and push it firmly home, being sure it fully fills up the diameter of the hole, for crevices or air spaces greatly lessen the power of an explosive. It is sometimes well in dry ground to slit the side of the paper shell before pressing home.

Tamping Rod.

Be sure the tamping is done with a wooden rod. *Never use a metal tamping rod or a rod having metal parts.* An old broom handle makes an excellent tamping rod.

Tamping.

After the charge is pressed home as directed, put in two or three inches of fine dirt or sand, and tamp (pack) *lightly*. The tamping material should be packed as firmly on top of the charge as can consistently be done without disarranging the cap and fuse in the cartridge. Then fill up two inches more of the hole with tamping material, packing it in a little more firmly. After five inches of tamping covers the charge, the tamping may be rammed as hard as is possible with hand power, without danger of premature explosion. Hand power is the limit of safe working. It is not safe to tamp by a blow any stronger than can be given by hand. Fill the bore-hole up with tamping until even with the surface. The firmer and harder it can be made (without overlooking the above precautions), the better will be the results. If proper tamping of the bore-hole is neglected, the charge is likely to "blow out," or at any rate some of its force will be wasted.

DYNAMITE CANNOT BE SHIPPED WITH OTHER GOODS. CAPS CANNOT BE SHIPPED WITH DYNAMITE OR POWDER. NEITHER CAN BE SENT BY EXPRESS.

ELECTRICAL BLASTING SUPPLIES.

BLASTING MACHINES.

These machines will be found to fully sustain their reputation for reliability. They are well made throughout, work smoothly, are hard to break and easy to repair. The design is extremely simple, so that an ordinary workman can keep them in good order and make slight repairs if necessary. This simplicity of design, together with strong and durable construction, enables us to produce a machine which will stand well the hard usage such things generally receive and come as near taking care of itself as any machine can, at the same time being easy to care for and repair.

No. 1—Capacity 8 to 10 holes, height of case 11 in., w't 18½ lbs.....each $15.00

This machine is used mostly for shooting wells, prospecting and any blasting where but a few charges are to be fired simultaneously.

No. 3—Capacity 20 to 25 holes, height of case 13½ in., w't 22½ lbs....each $25.00

This is the favorite of quarry men and railroad contractors.

No. 4—Capacity 30 to 50 holes, height of case 18 in., w't 45½ lbs.....each $50.00

The best size for ordinary quarry work and railroad contractors' use, even if only twenty holes are to be fired at a shot, for the extra current compensates for leaks in the blast line which are sometimes unavoidable.

No. 5—Capacity 50 to 100 holes, height of case 20½ in., w't 66½ lbs....each $75.00

We believe that the No. 5 is as powerful as can be made and still be easily portable and sufficiently easy to drive to enable one man to get the full current out of it.

LEADING WIRE.

No. 16—No. 16 B. & S. gauge copper wire, in coils of 500 ft., w't per coil 8½ lbs., per thousand ft..... $10.00

Enough leading wire is needed with each machine to make two leaders of sufficient length to reach from the blast to a safe distance at which the person who operates the machine should stand. *Five hundred* feet is the quantity usually sold, which means a distance of 250 ft. from blast, but in some cases a greater length of leading wire is needed.

CONNECTING WIRE.

No. 22—No. 22 B. & S. gauge copper wire, 2 lb. spools, 600 ft. on a spool, per pound..... $0.40

This is a pure copper wire perfectly insulated. It is used in connecting the electrical fuses to each other where several charges are to be fired simultaneously, the holes being far apart. A small quantity only of this will be needed if the fuse wires be picked up after each blast, as they can be twisted together and used in place of connecting wire.

Safety of Electric Firing.

Electric firing is by far the safest method, because there is no waiting for the shot to go and no doubt about when it is going to explode. It enables the blaster to retire to an unexposed place in perfect safety and without undue haste, and eliminates all danger of accident because of miscalculation of the time it takes fuse to burn or because of defective fuse, which has frequently resulted in injury to men who have returned to examine a blast about the time it exploded.

In coal mines electric firing does away with practically all danger of the blast igniting gas and furthermore makes it possible to have every man out of the mine when the blast is fired. Many operators consider this latter feature so important that they have adopted electric firing because of this consideration alone.

Smoke from burning fuse is entirely avoided, an item of no little value in mine work.

ELECTRIC BLASTING FUSES.

Cotton Covered, Quintuple Strength, Double Wound Insulation, Warranted Perfect.

Feet.....	4	6	8	10	12
Per 100....	$3.00	3.54	4.08	4.62	5.16

50 IN A BOX, 500 IN A CASE.

BATTERIES AND ELECTRIC FUSES.

When a good deal of blasting is to be done, it is usual to set off the blasts by means of a battery and electric exploder (called an electric fuse). In this way any number of blasts from five or ten up to forty can be fired at once. This is found extremely convenient when it is necessary to get rid of a very large stump or extra large bowlder, as frequently several ordinary sized charges fired simultaneously will destroy an obstacle which would not be affected by the same charges fired successively or by one charge as large as all the smaller ones combined.

Directions for Using Machine.

An electric fuse should be used with the wires attached of such length that the ends may protrude from the surface after the hole is charged, the fuse head being in the center of the charge.

Tamp with dry sand, or in such a manner that the wires will not be cut nor the insulated covering upon them injured.

When all the holes to be fired at one time are tamped, separate the ends of the two wires in each hole, joining one wire of the first hole with one of the second, the other or free wire of the second with one of the third, so proceeding to the end, or the last hole.

If the wires attached to the electric fuses should not be long enough, use connecting wire for joining.

All connections of wires should be made by twisting together bare and *clean* ends, and it will be best if the joining parts be bright.

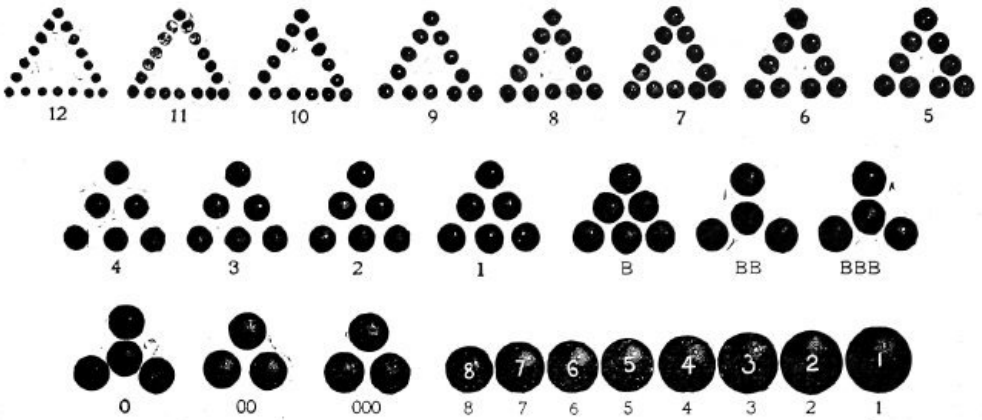
The charges having all been connected as directed above, the free wire of the first hole should be joined to one of the "leading" wires, and the free wire of the last hole with the other of the two leading wires. The leading wires should be long enough to reach a point at a safe distance from the blast—say two hundred and fifty feet, at least.

All being ready, and not until the men are at a safe distance, connect the leading wires, one to each of the projecting screws on the top of the machine, through each of which a hole is bored for the purpose, and bring the nuts down firmly upon the wires.

Now, to fire, taking hold of the handle for the purpose, lift the rack (or square rod toothed upon one side) to its full length and press it down, with all force, bringing the rack to the bottom of the box with a *solid thud*, and the blast will be made.

SHOT.

Full Size Cuts.



Sizes of Shot.

Nos. - - - - - **Dust.**	**12**	**10**	**9**	8	**7½ Trap.**	**7**	**6**	**5**	**4**
Hundredths of inches, - - -	5	7	8	9	9½	10	11	12	13
Nos. - - - - - - -	**3**	**2**	**1**	**B**	**BB**	**BBB**	**0**	**00**	**000**
Hundredths of inches, - - - - -	14	15	16	17	18	19	20	21	22
Buck, Nos. - - - - - - - - -	**8**	**7**	**6**	**5**	**4**	**3**	**2**	**1**	
Hundredths of inches, - - - - - - -	25	28	29	30	32	34	36	38	

Schedule of Prices.

	5 LB. BAGS.	25 LB. BAGS.	1 LB. PAPERS. 25 lbs. in a box.
	$	$	$
Drop Shot, sizes 12 to 1, - - - - - - - - - -			
Drop Shot, sizes B and larger, - - - - - - - - -			
Chilled Shot, sizes 10 to 1, - - - - - - - - -			
Buck Shot, sizes 8 to 1, - - - - - - - - - -			
Dust Shot, - - - - - - - - - - - -			

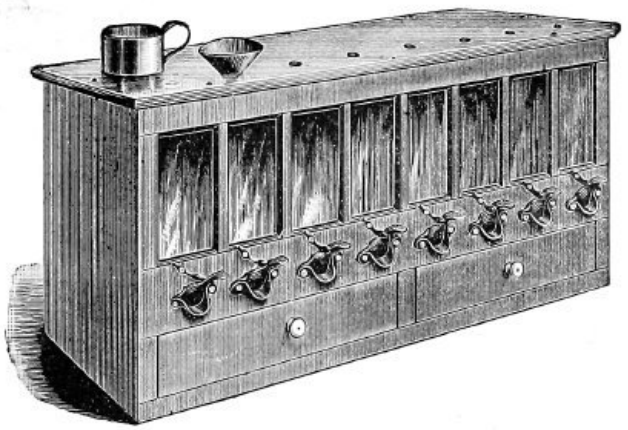
We do not break boxes.

BAR LEAD.

In boxes of 25 lbs., - per pound $

We do not break boxes.

SHOT CASES.



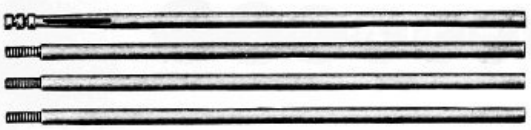
No. 20—DUNSCOMB'S, hardwood, highly finished, 8 glass front compartments each holding a bag of shot, improved gates with safety lock, size 25×12½×10 in., weight 25 lbs., - each $5.25

RIFLE IMPLEMENTS.

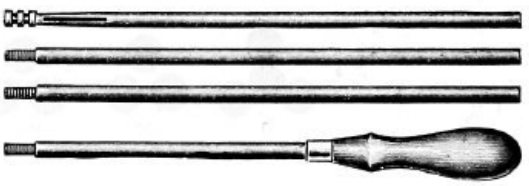
CLEANING RODS.

No. 147.

No. 146S —22 caliber, iron, slotted, ring handle, 28 in. long, - - - - - - - - - - - - per dozen $0.50
No. 146J —22 caliber, iron, jagged, ring handle, 28 in. long, - - - - - - - - - - - - " .50
No. 146JS—22 caliber, iron, jagged and slotted combined, ring handle, 28 in. long, - - - - - - - - - " .50
No. 147 —22 caliber, twisted wire, bristle end, 28 in. long, - - - - - - - - - - - - " .50
No. 148 —32 caliber and larger, 5/32 in. coppered steel, slotted, special ring handle, 30 in. long, - - - - - " .60
No. 156 —22 caliber, 5/32 in. brass, slotted and notched, special ring handle, 32 in. long, - - - - - - " 2.40
No. 157 —32 caliber and larger, 3/16 in. brass, slotted and notched, special ring handle, 32 in. long, - - - - " 3.00



No. 158.



Nos. 159 and 160.

No. 158—32 caliber and larger, 3/16 in. brass, 4 jointed sections, slotted and notched, 32 in. long, 8 in. sections, - - per dozen $4.80
No. 159—22 caliber, brass, 4 jointed sections, cocobolo swivel handle, notched and slotted, 34 in. long, 8½ in. sections, " 6.00
No. 160—32 caliber and larger, otherwise same as No. 159, - - - - - - - - - - - - " 6.00

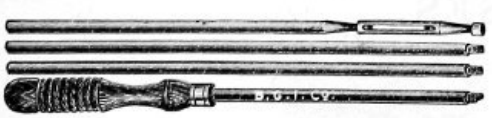
No. 145A—22 caliber, iron, with wire scratch brush and bristle cleaner, wood handle, 35½ in. long, - - - - per dozen $4.00
No. 145B—32 caliber, iron, heavier, otherwise same as No. 145A, - - - - - - - - - - - - " 4.00

No. 82—30, 32, 38 or 44-40 caliber, plain hickory, turned, 39 in. long, - - - - - - - - - - - - per dozen $1.40

ONE DOZEN IN A PACKAGE.

U. S. GOVERNMENT CLEANERS.

No. 250—22, 30, 32, 38 and 44 caliber, bristle brush, twisted brass wire and loop, linen cord, brass weight and socket, in pocket case of drill with buttoned end, - per dozen $6.00
No. 246—Brass wire scratch brushes to fit above, all brass, 22, 32, 38 and 44 caliber, - - - - - - - - - - - - " 3.00

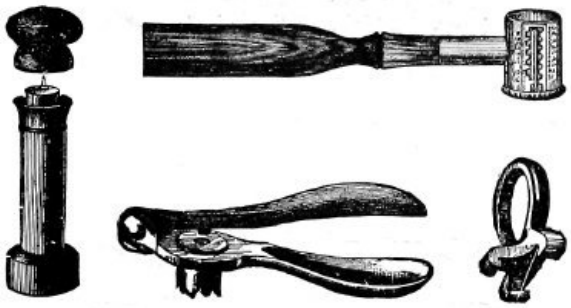


Jointed, Brass, Four Joints, Snakewood Revolving Handle, Brass Scratch Brush.

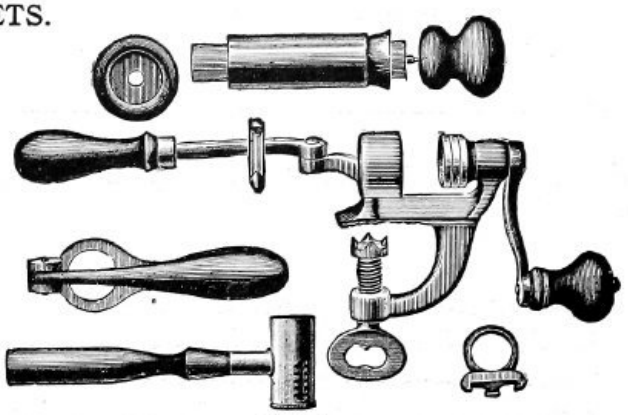
No. 141A—22 caliber, - - - - - - - - - - - - - - - - - - -

GUN IMPLEMENTS.

LOADING SETS.



No. 96½.

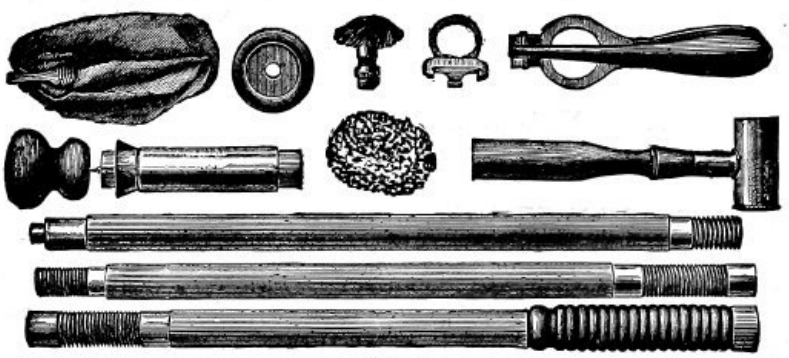


No. 97½.

No. 96½—12 gauge, 4 pieces, loader, recapper, extractor and powder and shot measure,	per dozen sets	$ 4.50
No. 096½—10 gauge, otherwise same as No. 96½,	" "	4.50
No. 696½—16 gauge, otherwise same as No. 96½,	" "	4.50
No. 2096½—20 gauge, otherwise same as No. 96½,	" "	4.50
No. 97½—12 gauge, 5 pieces, loader, recapper, extractor, powder and shot measure and shell closer,	" "	10.25
No. 097½—10 gauge, otherwise same as No. 97½,	" "	10.25
No. 697½—16 gauge, otherwise same as No. 97½,	" "	10.25
No. 2897½—28 gauge, otherwise same as No. 97½,	" "	10.25

AVERAGE WEIGHT PER DOZEN SETS 9 LBS. ONE SET IN A BOX.

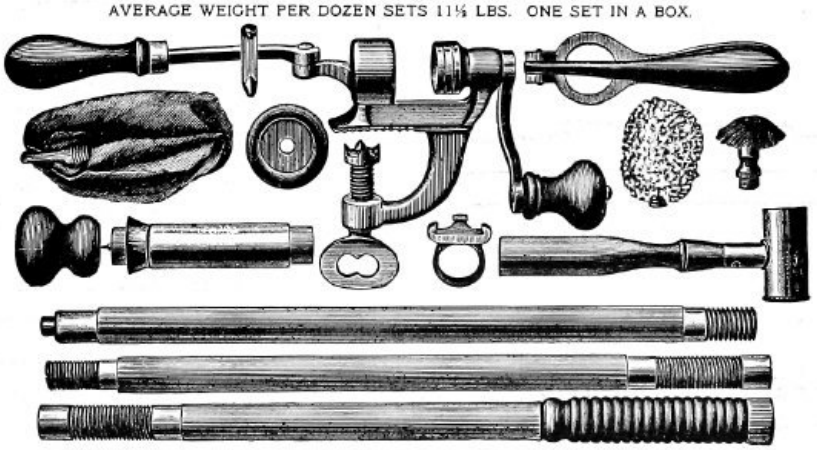
LOADING AND CLEANING SETS.



No. 97.

No. 97—12 gauge, 5 pieces, loader, recapper, extractor, powder and shot measure, cleaning rod and cleaners,	per dozen sets	$9.50
No. 097—10 gauge, otherwise same as No. 97,	" "	9.50

AVERAGE WEIGHT PER DOZEN SETS 11½ LBS. ONE SET IN A BOX.



No. 961.

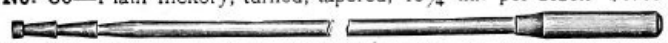
No. 961 —12 gauge, 6 pieces, loader, recapper, extractor, cleaning rod, cleaners and shell closer,	per dozen sets	$15.75
No. 0961 —10 gauge, otherwise same as No. 961,	" "	15.75
No. 6961 —16 gauge, otherwise same as No. 961,	" "	15.75
No. 961½—12 gauge, 7 pieces, loader, recapper, extractor, cleaning rod, cleaners, shell closer and 20-shell loading block,	" "	23.25
No. 6961½—16 gauge, otherwise same as No. 961½,	" "	23.25

AVERAGE WEIGHT PER DOZEN SETS 25 LBS. ONE SET IN A BOX.

GUN IMPLEMENTS.

WOOD GUN RODS.

No. 80—Plain hickory, turned, tapered, 40¼ in., per dozen $1.40

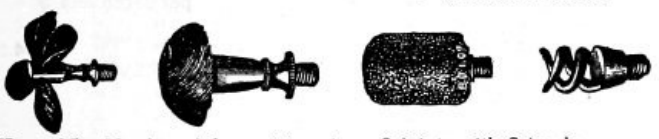


No. 83—Hickory, notched and knobbed, 42½ in., per dozen $1.40

No. 84—10 and 12 gauge, hickory, with bristle brush wound in, for B. L. guns, 44 in., - - - per dozen $2.00

ONE DOZEN IN A PACKAGE.

CLEANING RODS AND IMPLEMENTS.



No. 95—Hardwood, brass trimmings, 3 joints with 3 implements - - - - - - - - per dozen $5.50

No. 101—Madeira wood, brass trimmings, 3 joints with 4 implements, - - - - per dozen 9.00

No. 105—Lancewood, nickel plated trimmings, 3 joints with 4 implements - - - - - per dozen 12.00

No. 107—Cocobolo, polished, brass trimmings, 3 joints with 3 implements, - - - - - per dozen 12.00

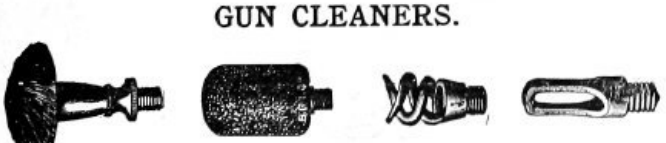
ONE IN A BOX. HALF DOZEN IN A CARTON.

No. 121—Cocobolo, nickel trimmings, 3 joints, 3 nickel implements, - - - - - - per dozen $13.00

No. 125—Ebony, otherwise same as No 121, " 16.00

No. 5—POWERS,' polished brass, 3 joints combining cleaning rod, oil can and screw driver, - - per dozen $18.00

GUN CLEANERS.



No. 212. No. 202. No. 222. No. 232.

No. 212—Wire Scratch Brushes. - - per dozen $0.80

No. 202—Pure Wool Swabs, - - " .90

No. 222—Polished Wormers, - - - " 1.00

No. 232—Flannel Wipers, slotted, white metal, " .50

ONE DOZEN IN A BOX.

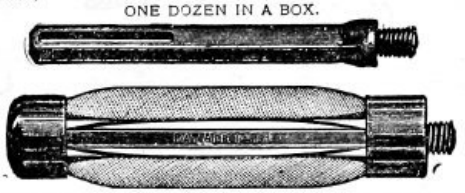
GUN CLEANERS.

No. 248.

No. 248—Twisted wire with **bristle** brushes, 12 gauge, per dozen - - - - - - - - - $3.50

No. 248B—Twisted wire with **brass** brushes, 12 gauge, per dozen, - - - - - - - - 8.00

ONE DOZEN IN A BOX.

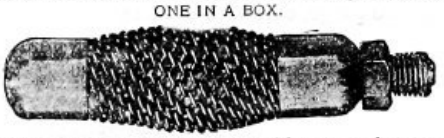


No. 512—TOMLINSON, 12 gauge, nickel plated, brass wire gauze pads, with 2 extra pads, - - per dozen $9.00

No. 516—TOMLINSON, 16 gauge, otherwise same as No. 512, per dozen, - - - - - - - - - 9.00

No. 518—Extra Pads, for Tomlinson's cleaners, per dozen prs. 1.20

ONE IN A BOX.

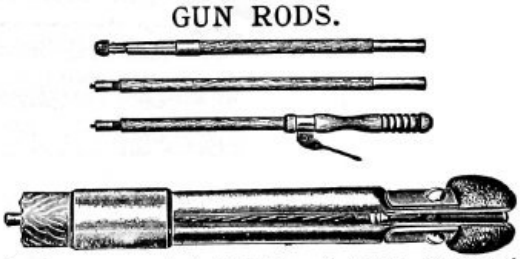


No. 912—CRISS-CROSS, 12 gauge, flexible woven brass wire, seamless cylinder, connected by brass cups at each end, adjustable to all cleaning rods, - - per dozen $9.00

No. 916—CRISS-CROSS, 16 gauge, otherwise same as No. 912, - - - - - - per dozen 9.00

ONE IN A BOX.

GUN RODS.



No. 1—GARRISON, selected birchwood, joints reinforced with steel tubes, - - - - per dozen $12.00

No. 2—GARRISON, hand polished wood, joints reinforced with steel tubes, metal parts nickel plated, per dozen 18.00

No. 3—GARRISON, polished brass tubing, polished handle, per dozen, - - - - - - - - 24.00

No. 13—Extra Pads for above, - per dozen sets 1.50

Pads are expanded by pressure applied to lever at the handle. Being under perfect control, is made to conform to the varying diameters of gun, in chamber, barrel and choke, and at any pressure desired.

ONE IN A PAPER BAG. ONE DOZEN IN A BOX.

No. 9—CRISS-CROSS, without cleaner, polished brass, rubberoid handle, 3 sections, - - - per dozen $15.00

ONE IN A PARTITIONED BAG.

PISTOL BRUSHES.

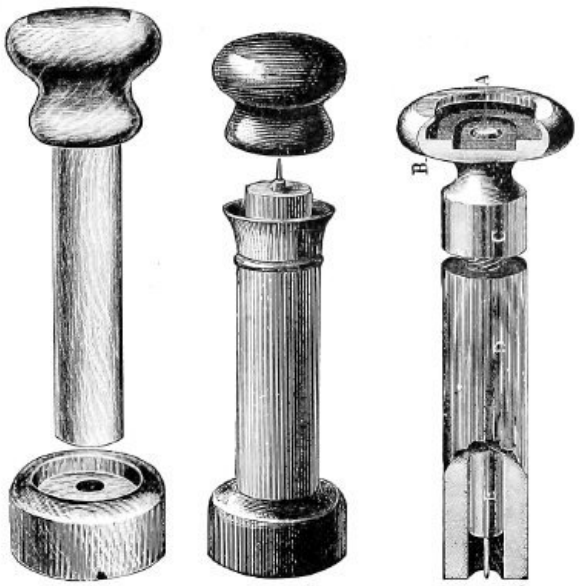
No. 502—22 caliber, twisted wire, bristle end, per dozen $0.50

No. 503—32 caliber, twisted wire, bristle end, " .50

No. 508—38 caliber, twisted wire, bristle end, " .50

GUN IMPLEMENTS.

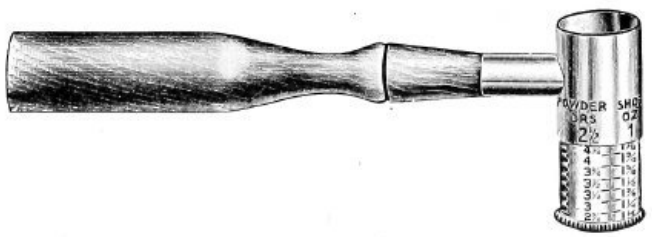
LOADERS.



No. 48. No. 1148. No. 1248.

No. 48—10 or 12 gauge, beechwood, loader and cap extractor, no tube, - - - - - per dozen $0.75
No. 1148—10 or 12 gauge, beechwood, with nickel plated tube, - - - - - - - - per dozen 1.50
No. 1148—16 or 20 gauge, beechwood, with nickel plated tube, - - - - - - - - per dozen 1.50
No. 147—10 or 12 gauge, Barclay pattern, inside spring, polished nickel plated tube, apple head, - per dozen 6.00
No. 1248—NEW IDEAL pocket, 10 or 12 gauge, comprises a capper, decapper, rammer and shell extractor with base and nickel plated tube, - - - - per dozen 6.00

POWDER AND SHOT MEASURES.



No. 2—NEW MODEL, nickel plated, applewood rammer handle, 2½ to 4½ drs., 1 to 2¼ oz., - per dozen $1.85
No. 21—NEW MODEL, nickel plated and polished, cherry rammer handle, 2½ to 4½ drs., 1 to 2¼ oz., per dozen 2.60

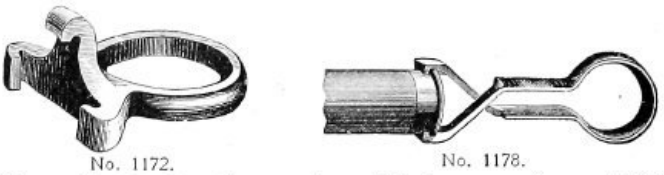
BROKEN SHELL EXTRACTORS.

Bergensen's Improved, for Rifles.

No. 25—Steel, nickel plated, - - - per dozen $9.00

Slips inside the broken shell, grabs it by the nose, and one motion of the lever throws out the extractor and the broken section. State caliber and make of rifle when ordering.

SHELL EXTRACTORS.

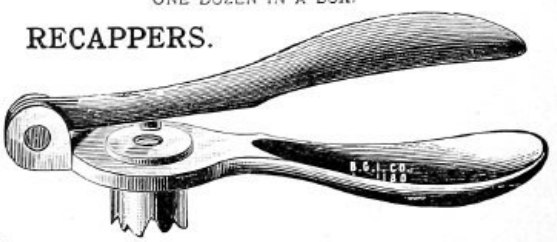


No. 1172. No. 1178.

No. X—10, 12 or 16 gauge, ring, polished, - per dozen $0.60
No. 1172—10 or 12 gauge, ring, nickel plated, - " 1.50
No. 1172—16 gauge, ring, nickel plated, - - " 1.50
No. 1178—MCMILLAN'S, spring steel, nickel plated, adjustable to any gauge, - - - - - per dozen 3.00

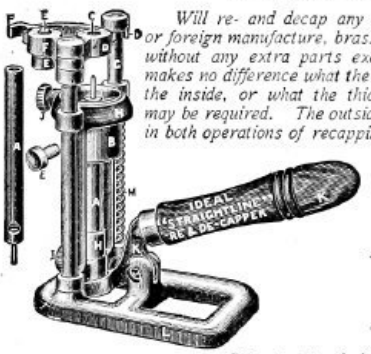
ONE DOZEN IN A BOX.

RECAPPERS.



No. 180—10 or 12 gauge, japanned, - - per dozen $1.00
No. 180—16 or 20 gauge, japanned, - - " 1.00

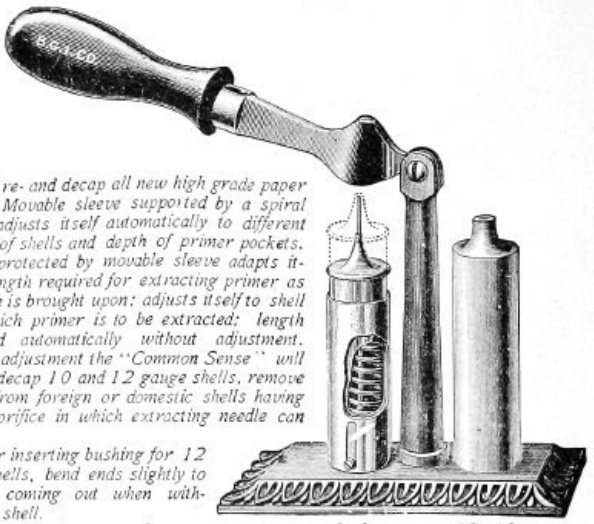
ONE DOZEN IN A BOX.



Will re- and decap any and all shells, whether of domestic or foreign manufacture, brass or paper, from 10 to 16 gauge, without any extra parts except a bushing for each gauge. It makes no difference what the shape or size of the shell may be on the inside, or what the thickness of the head, or what primer may be required. The outside of the shell only is used for a guide in both operations of recapping and decapping. The inside stud or pin "A" is small enough to escape all of the various shapes and sizes of the base of the shells, and all shells rest on and are supported on the top of this inside stud "A" and all of the pressure exerted is received on the top of the pin or stud. There can be no concaving of the head or receding from the pressure applied on the lever.

Ideal Straightline.

No. 20—10, 12 or 16 gauge, japanned iron base, enameled wood handle, steel uprights, detachable steel shell bushing, reversible re- and decapping plunger, milled steel thumb screws, revolving top, steel spring, height 5 in., w't 1 lb., - - - - - - - each $1.50
Extra Guide Bushings, 10, 12 or 16 gauge, for above, " .35

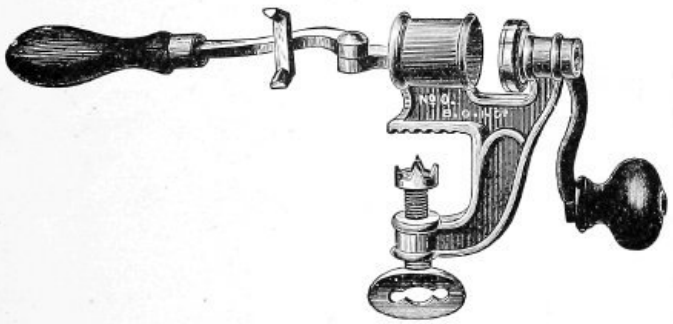


Will re- and decap all new high grade paper shells. Movable sleeve supported by a spiral spring, adjusts itself automatically to different lengths of shells and depth of primer pockets. Needle protected by movable sleeve adapts itself to length required for extracting primer as pressure is brought upon; adjusts itself to shell from which primer is to be extracted; length regulated automatically without adjustment. Without adjustment the "Common Sense" will re- and decap 10 and 12 gauge shells, remove primer from foreign or domestic shells having central orifice in which extracting needle can enter.

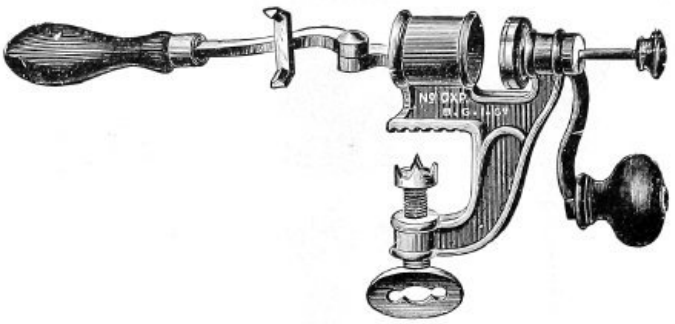
After inserting bushing for 12 gauge shells, bend ends slightly to prevent coming out when withdrawing shell.

No. 1186—COMMON SENSE, recapper and decapper, 10, 12 or 16 gauge, - - - - - per dozen $20.00

SHELL CRIMPERS.



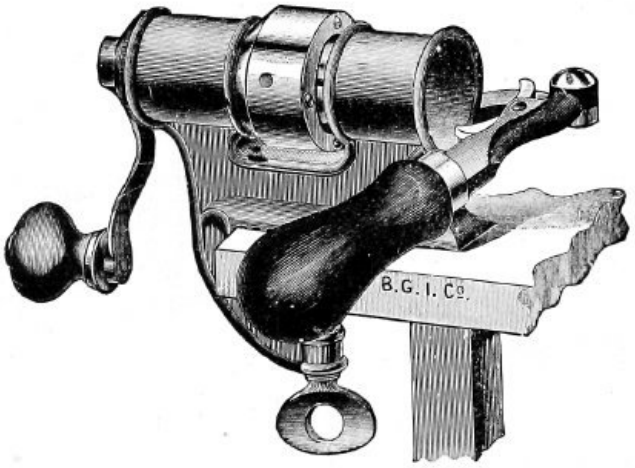
Nos. 0 and 1.



Nos. 103 and 1103.

No. 0—10 or 12 gauge, japanned, round crimp, weight per dozen 10 lbs., - - - - - - - - per dozen $6.00
No. 0—16 or 20 gauge, japanned, round crimp, weight per dozen 10⅛ lbs., - - - - - - - - " 6.00
No. 10—10 or 12 gauge, japanned, square crimp, weight per dozen 10 lbs., - - - - - - - " 6.00
No. 1—10 or 12 gauge, bronzed, extra quality, weight per dozen 10⅜ lbs., - - - - - - - - " 7.50
No. 1—16 gauge, bronzed, extra quality, weight per dozen 10 lbs., - - - - - - - - - " 7.50
No. 103—10 or 12 gauge, japanned, with expelling pin, weight per dozen 10 lbs., - - - - - - - - " 6.75
No. 1103—10 or 12 gauge, maroon japanned, with expelling pin, extra quality, weight per dozen 10¾ lbs., - - - - " 8.25
No 1103—16 gauge, maroon japanned, with expelling pin, extra quality, weight per dozen 10½ lbs., - - - - - " 8.25

ONE IN A BOX.



No. 3—HANDY, 10, 12 or 16 gauge, maroon japanned, nickel plated crimping cup, reverse pins for either round or square crimp, automatic spring follower, pivoted steel grip, weight per dozen 20⅞ lbs., - - - - - - - - - per dozen $28.00

ONE IN A BOX.

No. 12.

No. 14.

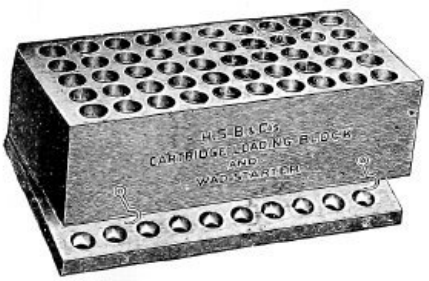
No. 12—IDEAL, 12 or 16 gauge, japanned, weight per dozen 3¾ lbs., - - - - - - - - - - per dozen $ 3.00
No. 14—DIAMOND, 10 12 or 16 gauge, japanned, steel head follower and pin, semi-steel frame, automatic plunger, pivoted steel grip, interchangeable for round or square crimp, weight per dozen 19 lbs., - - - - - - - - per dozen 27.00

ONE IN A BOX.

SHOOTERS' SUNDRIES.

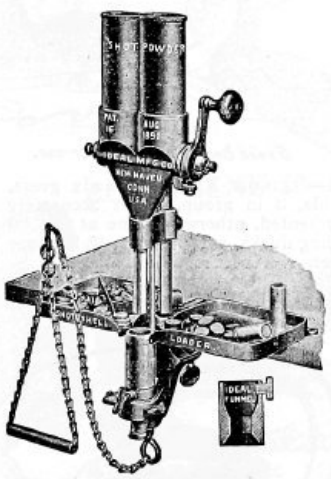
LOADING BLOCKS.

No. 20—Shallow, holding twenty 12-gauge shells, with loader and wad starter, w't per doz. 6 lbs.....per dozen $7.50



No. 50—Extra deep, holding fifty 12-gauge shells, w't per doz. 36¾ lbs. per dozen..... $24.00
No. 050—Extra deep, holding fifty 10-gauge shells, w't per doz. 30¾ lbs. per dozen..... 24.00
No. 1650—Extra deep, holding fifty 16-gauge shells, w't per doz. 34½ lbs. per dozen..... 24.00
Rammers and Starters for Nos. 50, 050 and 1650, extra.....per dozen 1.20

LOADING MACHINES.



No. 4—IDEAL, foot power, for black or nitro powder, graduated for grains and drachms, completed with 1 chamber, w't 17½ lbs.....each $7.00
Extra Fittings, for any gauge..... " 1.25

CLAY PIGEON TARGETS.

Dickey Bird.....per 1,000 $7.50
Dickey Bird, in lots of 5,000.... " 7.00

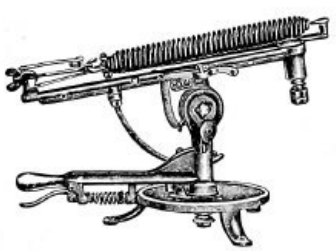
On this target the rim or lower shoulder is much narrower, while the second shoulder is much wider than on other styles, enabling the trap to grip the target more securely and evenly so, when thrown the target maintains a flat position throughout its flight

500 IN A BARREL, WEIGHING ABOUT 135 LBS.

Blue Rock.....per 1,000 $7.50
500 IN A BARREL, WEIGHING ABOUT 130 LBS.

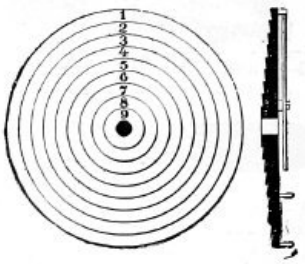
TARGET TRAPS.

Blue Rock Extension Spring, w't 28 lbs. each.....$6.00
ONE IN A CASE.



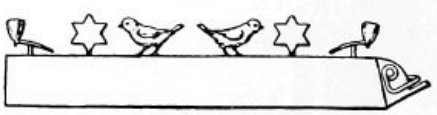
Blue Rock Expert, w't 30 lbs.....each $7.00
ONE IN A CASE.

STANDARD GALLERY TARGETS.



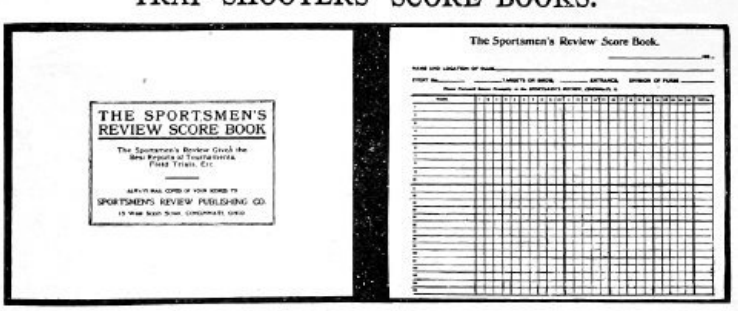
No. 19¼—Plain round, ⅝ in. iron, diameter 12 in., ¼, ½, ¾, 1, 1½ and 2 in. open bull's eye, for BB caps, ringing gong when bull's eye is hit, self-setting, w't 13½ lbs.....each $2.00
No. 19—Same as No. 19¼, ¾ in. iron, with ¼, ½, ¾, 1, 1½, 1¾ and 2 in. open bull's eye, for 22-100 cartridges, w't 20 lbs..... each 2.75

No. 22—Round, diameter 12 in., entirely of heavy iron, for 22-100 cartridges, ¼, ½, ¾, 1, 1½, 1¾ and 2 in. bull's eye, comic figure rising and ringing gong when bull's eye is hit, reset by rope from stand, w't 13¾ lbs.....each $4.50



No. 11×6—Entirely of heavy iron, for 22-100 cartridges, birds, stars and pipes falling back when hit, 6 objects to shoot at, made for outdoor shooting, reset by rope from stand, w't 13¼ lbs.....each $2.50
No. 11×8—Same as No. 11×6 but larger, with 8 objects to shoot at, w't 23 lbs., each..... 3.00

TRAP SHOOTERS' SCORE BOOKS.



No. 10—SPORTSMEN'S REVIEW, 9×11½ in., cloth covered, 150 perforated score sheets, each with space for scores of 25 shooters, with latest trap shooting rules and full information for conducting shoots.....each $1.50

CALLS AND DECOYS.

CALLS.

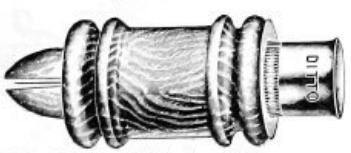
No. 773—Snipe, horn .....per dozen $3.50
ONE DOZEN IN A BOX.

No. 760—Duck, cocobolo wood, horn tip per dozen $3.75
ONE DOZEN IN A BOX.

No. 768—ALLEN'S, duck, wood shell, nickel plated end.....per dozen $6.00
These calls are as near perfection as can be attained, each one being tuned by Mr. F. A. Allen, who is one of the oldest and most expert duck hunters in the country.
HALF DOZEN IN BOX.

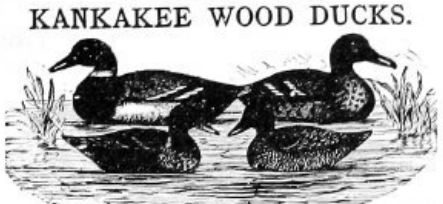
No. 769—Duck, fitted with hand-made rubber reed, rubber and cork inner parts, outside part of hard maple wood and spun brass.....per dozen $12.00
This call is non-corrosive and is easily adjusted to suit the different voices of mallard, pintail, widgeon and other ducks without affecting the reed.
ONE DOZEN IN A BOX.

No. 770—FULLER'S, goose and crane, nickel plated extension tube, per dozen $13.50
ONE IN A BOX.



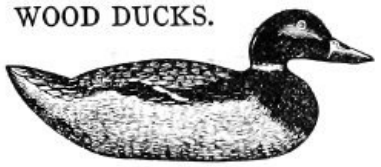
No. 750—Crow, nickel-plated brass extension tube, cedar mouth-piece, per dozen.....$12.00
ONE DOZEN IN A BOX.

KANKAKEE WOOD DUCKS.



Mallard, Canvas Back, Red Head, Blue Bill, Pintail and Blue Winged Teal.
No. 1—Glass eyes, best grade, assorted per dozen..... $5.25
No. 2—Tack eyes, second grade, assorted per dozen..... 4.25
No. 3—Painted eyes, third grade, assorted.....per dozen 3.60
These decoys are made of the best seasoned white cedar, flat bottomed, will float evenly on the water at all times, are well balanced and nicely painted. Assorted one-third female and two-thirds male.
ONE DOZEN IN A CRATE. AVERAGE WEIGHT 33 LBS. PER DOZEN.

WOOD DUCKS.

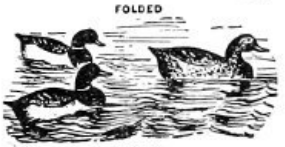


No. A1—Extra quality glass eyes, mallards only, assorted, two-thirds male and one-third female, w't per doz. 27 lbs.....per dozen $9.00
ONE DOZEN IN A CRATE.

FOLDING DUCKS.

No. 7—ACME, wood base, waterproof cloth form, nicely painted with anchor, folding wire frame, w't per doz. 14 lbs. per dozen..... $6.00
ONE DOZEN IN A CASE.

FOLDED



IN USE

No. 6—ILLINOIS RIVER, profile, 3 in group, 2 male and 1 female, painted in natural colors to represent male and female mallards, canvas backs, blue bills, black mallards, whistlers, red heads, teal and widgeons (mallards will always be sent unless otherwise specified), w't per doz. 8 lbs..per dozen $4.50
These folding profile decoys are attached to a wooden float in groups of three, two male and one female. The float is in three pieces, joined at one end with a three plate hinge so that when extended a bird floats at each extremity.
Four floats take one dozen of the decoys. One cord and anchor for each group of three decoys.
ONE DOZEN IN A STRONG CARRY BOX.

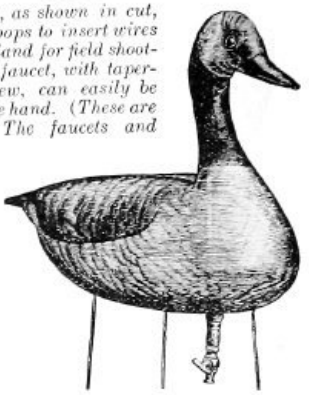
CANVAS COLLAPSIBLE DUCKS.

These decoys are made of the best Sea Island domestic, treated with three coats of waterproof dressing and one coat of paint; are not affected in any way by the heat or cold, and will last indefinitely.

No. 4—Without valve, with anchor and cord, 1 dozen in a hinged box, 16×8×5½ in., with handle, mallard, canvas back, red head, blue bill, widgeon, sprigtail and teal, assorted half male and half female.....per dozen $7.20
No. 5—With improved valve, otherwise same as No. 4, mallard and sprigtail only.....per dozen 9.00
ONE DOZEN IN A CRATE. WEIGHT 8 LBS. PER DOZEN.

CANVAS COLLAPSIBLE GEESE.

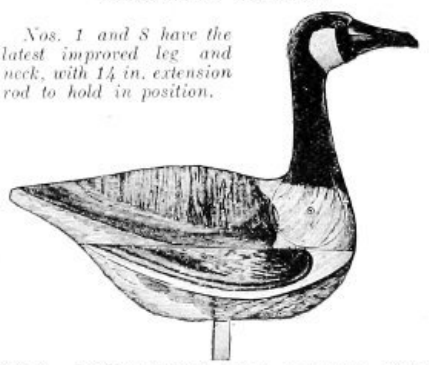
Geese decoys, as shown in cut, are made with loops to insert wires to set them on land for field shooting. A brass faucet, with tapering gimlet screw, can easily be inserted with the hand. (These are detachable.) The faucets and wires are articles of convenience only, and are charged extra when wanted.



No. 8—Without wires, anchor or faucet per dozen..... $15.00
Brass Faucets, extra. .....per dozen 2.50
ONE DOZEN IN A BOX. WEIGHT 14 LBS. PER DOZEN.

FOLDING GEESE.

Nos. 1 and 8 have the latest improved leg and neck, with 14 in. extension rod to hold in position.



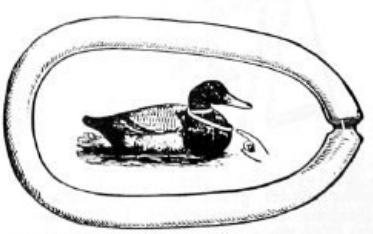
No. 1—Profile, without wings..per dozen $8.00
ONE DOZEN IN A BOX, W'T 24 LBS.

FOLDING CANADA GEESE.

Geese Decoys open ready for use.

No. 2—ILLINOIS RIVER, Canada geese, profile, 3 in group, colors accurately represented, otherwise same as No. 6 folding ducks, w't per doz. 12 lbs., per dozen..... $8.00

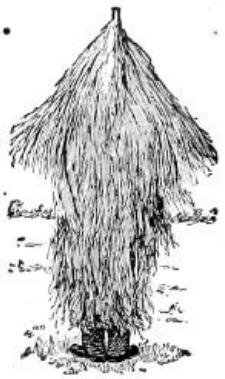
DECOY WEIGHTS.



No. 15—Galvanized iron, 4¾×2¾ in., w't per doz. 6 lbs.....per dozen $1.00

GRASS SUITS AND BLINDS.

HUNTING SUITS.



Grass Hunting Suits, - each $1.50

For wild goose, duck and all kinds of shore bird shooting; made of long, tough marsh grass, into cape coat with hood. Weigh less than 4 lbs.; are convenient to wear and shoot from. Make good waterproofs in rainy weather; are easily packed and carried. Hunters appreciate the value of these suits, as no blind or bough house is necessary when shooting on marshes.

SHORE BLINDS.

BOAT BLINDS.

Grass Shore Blinds, size 6×3 ft., - per piece $1.50

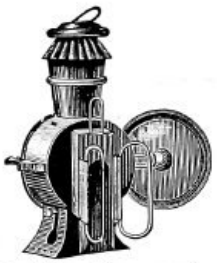
More convenient for certain kinds of shooting than a grass suit, as it can be made as large as desired and give ample room for a comfortable seat. Are supplied with stocks to be fastened to the blinds, which can be set up anywhere. Usually two pieces make a blind.

Grass Boat Blinds, size 5 ft. 10 in. × 27 in., - per piece $1.50

Made to resemble wild rice, rushes, marsh grass, etc., are light in weight, each piece rolling in a small roll. Each piece is supplied with sticks, which fit into screw eyes screwed in rail of boat, making them easily adjusted. Usually four pieces are sufficient to go around an ordinary boat. Some use blinds only on one side of boat.

HUNTING AND OUTDOOR LAMPS.

HUNTING.

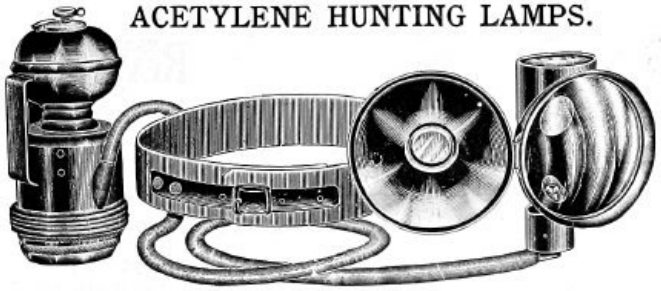


No. 357—FERGUSON'S, black, japanned, height 8½ in., depth 2¾ in., face 3¾ in., w't 17 oz., without head attachment, - - - - - - - each $7.50

Extra Head Attachment, - - - - - " 3.75

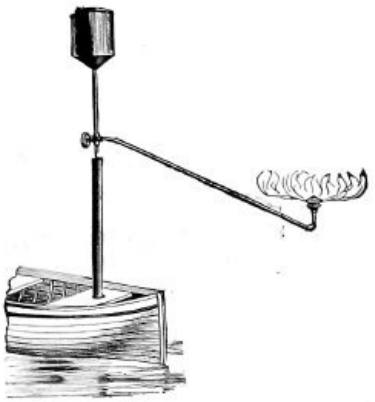
ONE IN A BOX.

ACETYLENE HUNTING LAMPS.



No. 90—6×2½ in., japanned acetylene gas generator, adjustable water feed, screw-off base, steel loop for belt, 4 in. nickel plated parabolic reflector, convex glass, hinged front door to shut off light, lava burner, heavy leather head strap, 3 ft. of ¼ in. rubber tubing, w't complete 1⅔ lbs., - - - - - - each $8.00

OUTDOOR.



No. 1. Baker.

No. 0. Chicago.

No. 1—BAKER, 1 burner, w't 6 lbs., - - - each $3.40

No. 0—CHICAGO, 1 gal. tank, 1 burner, w't 3 lbs., - " 1.75

No. 2—CHICAGO, 1 gal. tank, 2 burners, w't 5 lbs., " 3.75

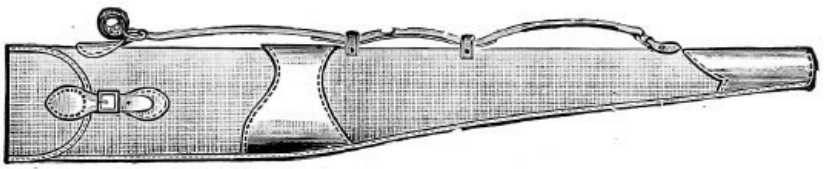
Burners, for Baker lamps, - - - - - " 1.50

Burners, for Chicago lamps, - - - - " 1.25

RIFLE COVERS.

Extra Fine Quality Material, Carefully Made and Finely Finished.

REV-O-NOC



REV-O-NOC

Canvas, for Models '92 and '97 Marlin, Model '90 Winchester, and 22 Caliber Savage Rifle.

No. 420—Fine quality 22 oz. brown duck, lined with heavy flannel, lock and muzzle protected with heavy orange leather, combination sling and handle, orange leather bound, for 24 in. small frame rifles, - - - - - - - - - - per dozen $18.00

Canvas, for Models '93 and '94 Marlin, Models '92, '94 and '95 Winchester and Savage.

No. 400—Fine quality 22 oz. brown duck, lined with heavy flannel, lock and muzzle protected with heavy orange leather, combination sling and handle, orange leather bound, for 24 in. repeating rifles, models '93 and '94 Marlin, '92 and '94 Winchester, per dozen 18.00

No. 435—Fine quality 22 oz. brown duck, lined with heavy flannel, lock and muzzle protected with heavy orange leather, combination sling and handle, orange leather bound, for 26 in. repeating rifles, models '93 and '94 Marlin and model '94 Winchester, per dozen 18.00

No. 438—Fine quality 22 oz. brown duck, lined with heavy flannel, lock and muzzle protected with heavy orange leather, combination sling and handle, orange leather bound, for 28 in. model '95 Winchester and 26 in. Savage rifles, - - per dozen 18.00

REV-O-NOC

REV-O-NOC

Leather, for Savage and Models '92, '94 and '95 Winchester and Model '93 Marlin Repeating Rifles.

No. 450—Finest quality chrome calf skin, soft and pliable, combination sling and handle, for 24 in. barrel, models '93 and '94 Marlin, '92 and '94 Winchester, - - - - - - - - - - - - - - - - - - per dozen $48.00

No. 452—Finest quality chrome calf skin, soft and pliable, combination sling and handle, for 26 in. repeating rifles, models '93 and '94 Marlin and model '94 Winchester, - - - - - - - - - - - - - - - - per dozen 48.00

No. 453—Finest quality chrome calf skin, soft and pliable, combination sling and handle, for 28 in. model '95 Winchester and 26 in. Savage rifles, - per dozen 48.00

REV-O-NOC

REV-O-NOC

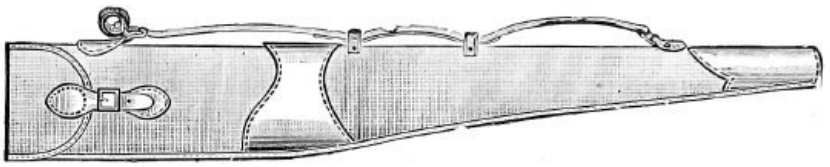
Canvas, "Take Down," for Models '90, '92 and '94 Winchester and Models '94 and '97 Marlin Rifles.

No. 440—Fine grade 22 oz. brown duck, heavy flannel lined, lock and muzzle protected with heavy orange leather, outside tool pocket, handle and sling strap, for models '90 Winchester and '97 Marlin 24 in. rifles, - - - - - - - - - - per dozen $18.00

No. 444—Fine grade 22 oz. brown duck, heavy flannel lined, lock and muzzle protected with heavy orange leather, outside tool pocket, handle and sling strap, for models '92 Winchester and '94 Marlin 24 in. rifles, - - - - - - - - - - per dozen 18.00

No. 446—Fine grade 22 oz. brown duck, heavy flannel lined, lock and muzzle protected with heavy orange leather, outside tool pocket, handle and sling strap, for models '94 Winchester and '94 Marlin 26 in. rifles, - - - - - - - - - - per dozen 18.00

GUN COVERS.



No. 45BA—Fine grade 22 oz. brown duck, heavy flannel lined, leather bound, combination sling and handle, lock and muzzle protected with heavy orange leather, for Browning automatic shot guns only, - - - - - - - - - - per dozen $24.00
No. 45R —For Marlin and Winchester shot guns, otherwise same as No. 45BA, - - - - - - - - " 24.00

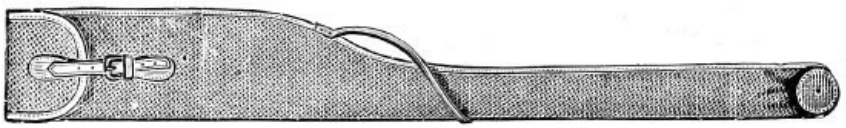
No. 360—Fine grade 22 oz. brown duck, heavy flannel lined, leather bound, outside tool pocket, lock and muzzle protected with heavy orange leather, sling strap, for 30 or 32 in. barrels, - - - - - - - - - - - - - - per dozen $30.00

RIFLE AND CARBINE SHEATHS.

For Marlin, Winchester or Savage Carbines and Rifles, with Sling Straps to Hang from Saddle.

No. 500—Extra fine quality heavy leather, finely embossed, for carbines, 20 in. barrel, - - - - - - per dozen $48.00
No. 573—Extra fine quality heavy leather, finely embossed, for 24 in. barrel repeating rifles, - - - - - " 48.00
No. 586—Extra fine quality heavy leather, finely embossed, for 26 in. barrel repeating rifles, - - - - - " 48.00
No. 576—Extra fine quality heavy leather, finely embossed, for 28 in. barrel repeating rifles, - - - - - " 48.00

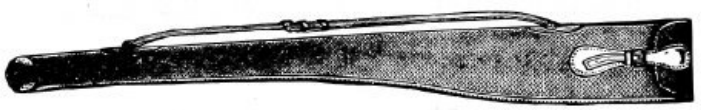
CANVAS RIFLE COVERS.



For Remington, Stevens and Winchester Single Shot Rifles.

No. 75W—Plain canvas, leather bound, flannel lined, with handle, for No. 702 small frame rifles, 20 in. barrel, - - per dozen $5.50
No. 75M—For Nos. 1820 and 1920 Marlin rifles, otherwise same as No. 75W, - - - - - - - - - " 5.50
No. 75S—For No. 818 Savage rifles, otherwise same as No. 75W, - - - - - - - - - - - " 5.50
No. 80—Plain canvas, leather bound, flannel lined, with handle, for single shot rifles, 22 in. barrel, - - - " 6.00
No. 104—Plain canvas, leather bound, flannel lined, with handle, for single shot rifles, 24 in. barrel, - - - " 6.25
No. 106—Plain canvas, leather bound, flannel lined, with handle, for single shot rifles, 26 in. barrel, - - - " 6.25

SPECIFY MAKE AND MODEL OF RIFLE, ALSO LENGTH OF BARREL, WHEN ORDERING.
AVERAGE WEIGHT 6 LBS. PER DOZEN.



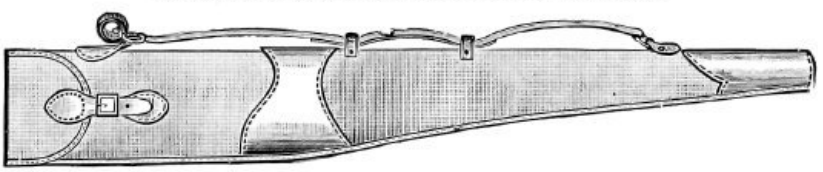
No. 94—Plain canvas, leather bound, flannel lined, with sling, for single shot rifles, 24 in. barrel, - - - - per dozen $8.00
No. 96—Plain canvas, leather bound, flannel lined, with sling, for single shot rifles, 26 in. barrel, - - - - " 8.00

AVERAGE WEIGHT 6½ LBS. PER DOZEN.

For Models '92, '93, '94 and '97 Marlin; '86, '90, '92, '94 and '95 Winchester, and 22 Caliber Savage Rifle.

No. 100—Plain canvas, leather bound, flannel lined, with sling, for 24 in. small frame rifles, models '92 and '97 Marlin, '90 Winchester, 22 Savage, - per dozen $8.00
No. 105—Plain canvas, leather bound, flannel lined, with sling, for 24 in. rifles, models '93 and '94 Marlin and '92 and '94 Winchester, per dozen, - 8.00
No. 110—Plain canvas, leather bound, flannel lined, with sling, for 28 in. model '93 Marlin repeating rifles, - - per dozen 8.00
No. 115—Plain canvas, leather bound, flannel lined, with sling, for 26 in. repeating rifles, models '93 and '94 Marlin and '94 Winchester, - per dozen 8.00
No. 200—Heavy canvas, leather bound, flannel lined, for 24 in. repeating rifles, fits same rifles as No. 105, - - " 9.25
No. 225—Heavy canvas, leather bound, flannel lined, for 26 in. repeating rifles, fits same rifles as No. 115, - - " 9.25

PLAIN CANVAS 6 LBS., HEAVY CANVAS 7 LBS. PER DOZEN.



For Models '92 and '97 Marlin, Model '90 Winchester, and 22 Caliber Savage Rifle.

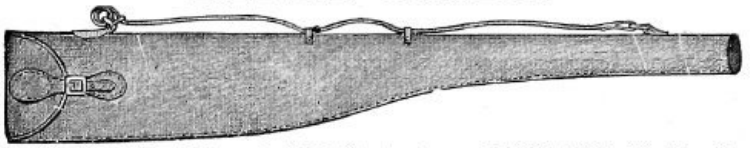
No. 320—Heavy canvas, with leather lock and muzzle protector, leather bound and combined sling and handle, for 24 in. small frame repeating rifles, models '92 and '97 Marlin, '90 Winchester and 22 caliber Savage, - - - - - - - per dozen $12.00

For Models '93 and '94 Marlin, Models '86, '92, '94 and '95 Winchester and Savage.

No. 300—Heavy canvas, with leather lock and muzzle protector, leather bound and combined sling and handle, for 24 in. repeating rifles, models '93 and '94 Marlin, '92 and '94 Winchester, - - - - - - - - - - - - - - - per dozen $12.00
No. 310—Heavy canvas, with leather lock and muzzle protector, leather bound and combined sling and handle, for Winchester model '92 and Marlin models '93 and '94 carbines, - per dozen 12.00
No. 305—Heavy canvas, with leather lock and muzzle protector, leather bound and combined sling and handle, for model '95 Winchester and Savage carbines, - per dozen 12.00
No. 330—Heavy canvas, with leather lock and muzzle protector, leather bound and combined sling and handle, for 28 in. repeating rifles, model '93 Marlin, - per dozen 12.00
No. 335—Heavy canvas, with leather lock and muzzle protector, leather bound and combined sling and handle, for 26 in. repeating rifles, models '93 and '94 Marlin and model '94 Winchester, - per dozen 12.00
No. 336—Heavy canvas, with leather lock and muzzle protector, leather bound and combined sling and handle, for 26 in. model '86 Winchester rifle, - per dozen 12.00
No. 338—Heavy canvas, with leather lock and muzzle protector, leather bound and combined sling and handle, for 28 in. model '95 Winchester and 26 in. Savage rifles, - per dozen 12.00

AVERAGE WEIGHT 9 LBS. PER DOZEN
ONE DOZEN IN A PACKAGE.

RIFLE CASES.



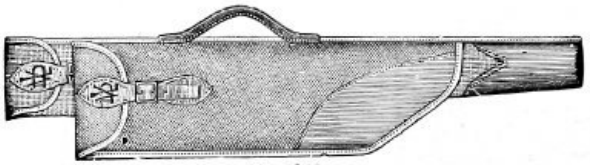
For Savage and Models '92, '94 and '95 Winchester and Model '93 Marlin Repeating Rifles.

No. 350—Soft russet leather, nickel plated trimmings, combined sling and handle, 24 in. barrel, for same rifles as No. 300 cover, weight per dozen 8 lbs., - - - - - - - - - - - - - - - - - - per dozen $36.00

No. 352—Soft russet leather, nickel plated trimmings, combined sling and handle, for same rifles as No. 335 cover, weight per dozen 8 lbs., - - - - - - - - - - - - - - - - - - per dozen 36.00

No. 353—Soft russet leather, nickel plated trimmings, combined sling and handle, for same rifles as No. 338, weight per dozen 8 lbs., - - - - - - - - - - - - - - - - - - per dozen 36.00

"TAKE DOWN" CANVAS AND LEATHER.



No. 340.

No. 240 —Heavy canvas, flannel lined, leather bound, sole leather lock and muzzle protector, for Stevens Favorite, - per dozen $15.00

No. 340 —Heavy canvas, flannel lined, leather bound, sole leather lock and muzzle protector, for models '93 and '94 Marlin, and models '92 and '94 Winchester, 24, 26 and 28 in., - - - - - - - - - - - - per dozen 15.00

No. 340W—Same as No. 340, except fits model '90 Winchester and Marlin model '97, 24 in., - - - - - " 15.00

No. 340M—Same as No. 340, except fits model '97 Marlin 26 in., - - - - - - - - - - " 15.00

No. 340A—Same as No. 340, except fits Winchester 22 automatic rifle, - - - - - - - - - " 15.00

No. 340S—For No. 7422 Savage rifles, otherwise same as No. 340A, - - - - - - - - - " 15.00

No. 345 —Heavy soft russet leather, with handle, fits same rifles as No. 340 cover, - - - - - - - " 57.75

No. 345W—Heavy soft russet leather, with handle, fits same rifles as No. 340W, - - - - - - - " 57.75

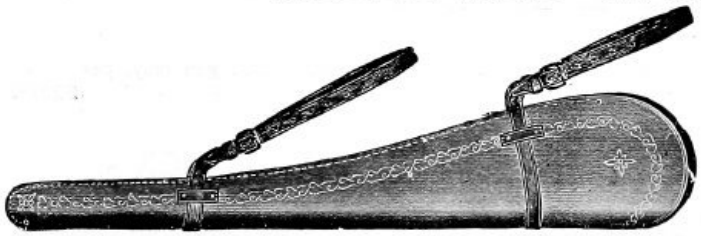
No. 345M—Heavy soft russet leather, with handle, fits same rifles as No. 340M, - - - - - - - " 57.75

No. 345A—Heavy soft russet leather, with handle, fits same rifles as No. 340A, - - - - - - - " 57.75

No. 345S—For No. 7422 Savage rifles, otherwise same as No. 345A - - - - - - - - - " 57.75

ONE DOZEN IN A PACKAGE. AVERAGE WEIGHT 6 LBS. PER DOZEN.

RIFLE AND CARBINE SHEATHS.



For Marlin, Winchester or Savage Carbines and Rifles, with Sling Straps to Hang from Saddle.

No. 400—Heavy russet leather, for carbines, 20 in. barrel, per dozen, - - - - - - - - - - - $24.00

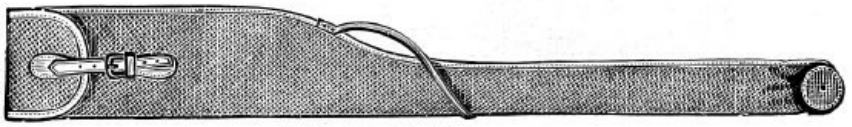
No. 373—Heavy russet leather, for 24 in. barrel repeating rifle, - - - - - - - - per dozen 30.00

No. 386—Heavy russet leather, for 26 in. barrel repeating rifle, - - - - - - - - per dozen 28.00

No. 376—Heavy russet leather, for 28 in. barrel repeating rifle, - - - - - - - - per dozen 28.00

ONE DOZEN IN A PACKAGE. AVERAGE WEIGHT 15 LBS. PER DOZEN

GUN COVERS.



No. 10.

No. 10 —Plain canvas, leather bound, with handle, - - - - - - - - - - - - - per dozen $6.50

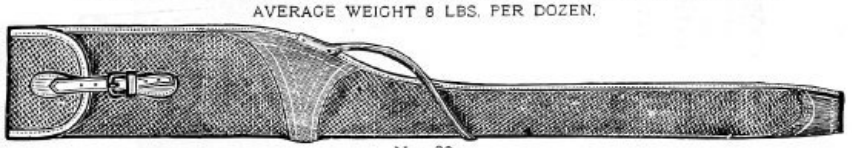
No. 10R—Plain canvas, leather bound, for repeating shot guns, - - - - - - - - - - " 6.50

No. 15 —Plain canvas, leather bound, with sling, - - - - - - - - - - - - " 8.50

No. 15R—Plain canvas, leather bound, for repeating shot guns, with sling, - - - - - - - - " 8.50

These covers are made for 30 or 32 in. barrels. Specify length in ordering.

AVERAGE WEIGHT 8 LBS. PER DOZEN.



No. 30.

No. 30 —Canvas, extra heavy, with sole leather lock and muzzle protector, leather bound, with handle, - - per dozen $13.75

No. 35 —Canvas, extra heavy, with sole leather lock and muzzle protector, leather bound, with sling and handle combined, " 14.25

No. 35BA—Canvas, extra heavy, with sole leather lock and muzzle protector, leather bound, with sling and handle combined, for Browning automatic shot guns only, - - - - - - - - - - - - - - - - - - per dozen 15.00

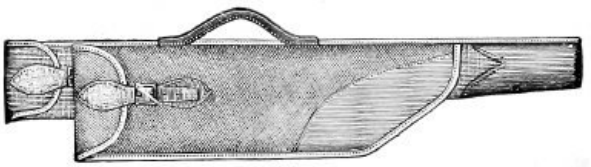
No. 35R —For Marlin and Winchester shot guns, otherwise same as No. 35BA, - - - - - - - - " 15.00

These covers are made for 30 or 32 in. barrels. Specify length in ordering.

ONE DOZEN IN A PACKAGE. AVERAGE WEIGHT 7 LBS. PER DOZEN.

GUN CASES.

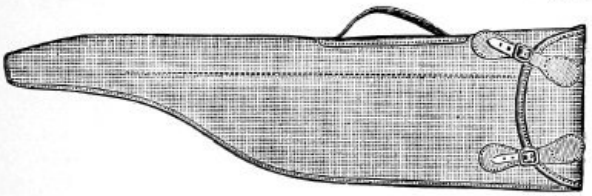
Nos. 265 and 265W



No. 275.

No. 265 —Heavy canvas, flannel lined, leather bound, muzzle protector, for double barrel guns, - - - - - per dozen $12.75
No. 265W—Heavy canvas, flannel lined, leather bound, muzzle protector, for repeating guns, - - - - - - " 12.75
No. 275 —Extra heavy canvas, with tool pocket, leather lock and muzzle protector, flannel lined, - - - - - " 18.50

VICTORIA CANVAS.



No. 120

No. 135.

No. 120—Plain canvas, medium weight, leather bound, with side strap handle, - - - - - - - per dozen $ 8.50
No. 130—Plain canvas, without tool pocket, flannel lined, - - - - - - - - - - - " 7.50
No. 135—Plain canvas, with tool pocket, flannel lined, - - - - - - - - - - - - " 8.60
No. 235—Heavy canvas, with tool pocket, flannel lined, - - - - - - - - - - - - " 13.00

AVERAGE WEIGHT PER DOZEN 8 LBS.

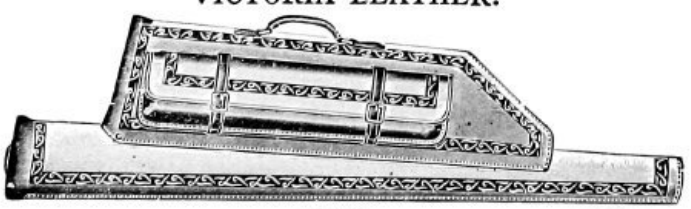
No. 280B.

No. 280B—Heavy canvas, flannel lined, leather lock and muzzle protector, tool pocket, for Browning automatic shot gun only, per dozen - $20.00

MUTTON LEG CANVAS.

No. 46—Heavy canvas, well shaped, flannel lined, weight per dozen 30 lbs, - - - - - - - - per dozen $37.00

VICTORIA LEATHER.



No. 015.

No. 015—Heavy sole leather, embossed, with tool pocket on side for cleaning rod, implements, etc, - - - - per dozen $43.00
No. R015—Sole leather, embossed, with tool pocket on side for cleaning rod, implements, etc, made especially for Marlin and Winchester take down guns, - - - - - - - - - - - - - - - - - - -

GUN CASES.

No. 63.

No. 63—Russet color seal grain chased Pegamoid, nickel plated trimmings, leg o'mutton pattern, w't per doz. 46 lbs., - **per dozen $50.00**

H.S.B.&CO. REV-O-NOC

H.S.B.&CO. REV-O-NOC

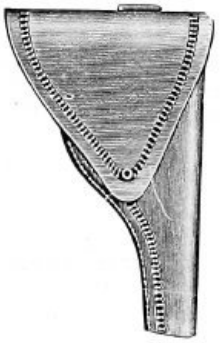
Nos. 60 and 62.

No. 60—Heavy russet leather, brass trimmings, flannel lined, to buckle, handle and adjustable sling, rod pocket under partition, w't per doz. 30 lbs., - per dozen $60.00
No. 62—"Rev-o-noc," heavy russet leather, flannel lined, brass trimmed, lock buckle, handle and adjustable sling, w't per doz. 42 lbs., per dozen, - - - - - - - - - - - - - - - - - - -

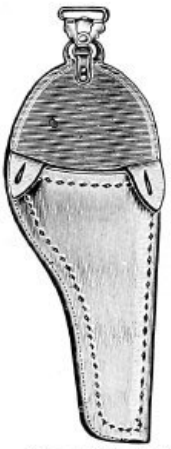
PISTOL HOLSTERS.

Nos. 732 to 744¾.

Nos. 832 to 844.

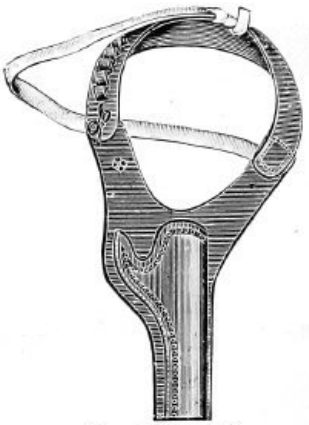


Nos. 807 and 808.



Nos. 1232 to 1245.

Nos. 944 to 944¾.



Nos. 1038 to 1045.

Embossed Leather, without Flap.

No. 732 —For 32 caliber, automatic ejector and hammerless revolvers, 3 and 3½ in. barrel, - per dozen $3.60
No. 752 —For same revolvers, with 5 in. barrel, " 4.80
No. 738 —For 38 caliber, automatic ejector and hammerless revolvers, 3¼ in. barrel, also Colt's New Police, Colt's new pocket, 3½ in., and Smith & Wesson's hand ejector, 3¼ in., - - - - per dozen 4.00
No. 748 —For same revolvers as No. 738, with barrels 4 to 4¼ in., - - - - - - per dozen 5.00
No. 758 —For same revolvers as No. 738, with 5 in. barrels, - - - - - - - per dozen 6.00
No. 768 —For same revolvers as No. 738, with 6 in. barrels, - - - - - - - per dozen 6.00
No. 741 —For 41 caliber, 4½ in., new army and new navy, and 4 and 5 in. military and police, per dozen 6.00
No. 761 —For same revolvers as No. 741, with 6 and 6½ in. barrels, - - - - - per dozen 6.50
No. 744¾—For all calibers, Colts, S. A., Bisley model and new service revolvers, with 4½ and 5½ in. barrels, per dozen, - - - - - - - - - 6.00
No. 744 —For same revolvers as No. 744¾, with 7½ in. barrels, - - - - - - - per dozen 6.00

Embossed Leather, with Flap.

No. 832 —For same revolvers as No. 732, - per dozen $4 80
No. 852 —For same revolvers as No. 752, - " 5 00
No. 838 —For same revolvers as No. 738, - " 5.00
No. 848 —For same revolvers as No. 748, - " 6.00
No. 858 —For same revolvers as No. 758, - " 6.00
No. 868 —For same revolvers as No. 768, - " 6.00
No. 841 —For same revolvers as No. 741, - " 6.50
No. 861 —For same revolvers as No. 761, - " 6.50
No. 844¾—For same revolvers as No. 744¾, - " 7.00
No. 844 —For same revolvers as No. 744, - " 7.35

Automatic Pistol, Embossed Leather, with Flap.

No. 805—For 38 Colt automatic pocket, - per dozen $6.00
No. 806—For 32 Colt automatic pocket, - " 6.00
No. 807—For 7.65 Luger automatic, - - " 6.75
No. 808—For 38 Colt automatic sporting and military models, - - - - - - per dozen 6.50

Handy, Embossed Leather.

No. 1232—32 caliber, for Colt's automatic, embossed leather, with fastener on top for suspender and two flaps cut to fit buttons on trousers, - - - per dozen $12.00
No. 1238—For 38 Colt's and 7.65 Luger pistol, otherwise same as No. 1232, - - - - per dozen 12.00
No. 1245—For Colt's new navy, new service, military and single action revolvers, otherwise same as No. 1232, per dozen, - - - - - - - - - 12.00

"Rev-o-noc," Mexican Pattern, Finely Embossed, Extra Heavy

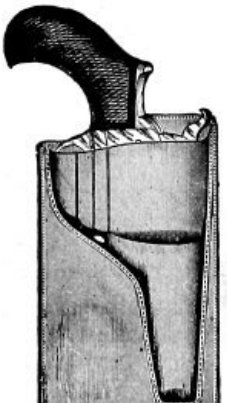
No. 944 —For 44 and 45 caliber, Colt's S. A. revolvers, with 7½ in. barrel, - - - - per dozen $12.00
No. 944½—For 44 and 45 caliber, Colt's S. A. revolvers, with 5½ in. barrel, - - - - per dozen 12.00
No. 944¾—For 44 and 45 caliber, Colt's S. A. revolvers, with 4¾ in. barrel, - - - - per dozen 12.00

Above holsters match Nos. 630, 644 and 645 cartridge belts.

Shoulder Holster, Finely Embossed.

No. 1038—For 38 caliber, 3¼ in. revolvers, - per dozen $12.00
No. 1041—For 41 caliber, 4½ in., new army and navy revolvers, - - - - - - - per dozen 15.00
No. 1044—For 44 caliber, 4¾ in. and 5½ in., S. A. and new service revolvers, - - - - per dozen 18.00
No. 1045—For 45 caliber, 6 in. revolver, - " 18.00

Nos. 1932½ to 1944½.



Nos. 1132 and 1138.

Patent Rubber, Perspiration Proof, without Hook.

No. 1932—32 caliber, - - - - per dozen $3 00
No. 1938—38 caliber, - - - - " 3.50

Patent Rubber, with Hook.

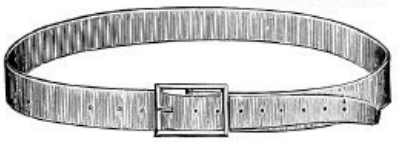
No. 1932½—32 caliber, - - - - per dozen $3.75
No. 1938½—38 caliber, - - - - " 4.50
No. 1944½—44 caliber, - - - - " 5.00

Police, Heavy Embossed Russet Leather.

No. 1132 —32 caliber, - - - - per dozen $6.00
No. 1138 —38 caliber, - - - - " 6.00
No. 1138S—For 6438 S. & W. revolver, - " 7.20
No. 1138C—For 8738 Colt's revolver, - - " 7.20
No. 1134 —For police positive 4 in. barrels, - " 6.00
No. 1135 —For 38 caliber Colt's automatic, - " 6.00
No. 1136 —For 32 caliber Colt's automatic, - " 6.00

BELTS.

HOLSTER AND SHEATH.



No. 400.

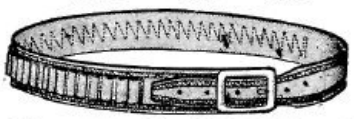
No. 400—Plain russet leather, 1½ in. wide, polished buckle, per dozen, - - - - - - - - - - $3.75

No. 402—Embossed russet leather, 2¼ in. wide, large nickel plated buckle, - - - - - - per dozen 4.50

CARTRIDGE.

Russet Leather, Polished Buckle, 1½ Inches Wide.

Nos. - - -	1332	1338	1341	1344	1345
Caliber, - -	32	38	41	44	45
Per dozen, - -	$5.40	5.40	5.40	5.40	5.40



Embossed Russet Leather, Nickel Plated Buckle, 2¼ Inches Wide.

Nos. - - -	432	438	441	444	445
Caliber, - -	32	38	41	44	45
Per dozen, - -	$8.50	8.50	8.50	8.50	8.50

Embossed Russet Leather, Nickel Plated Buckle, 3 Inches Wide.

No. 530—For 25-35 and 30-30 cartridges, - per dozen $12.00

CARTRIDGE AND MONEY.

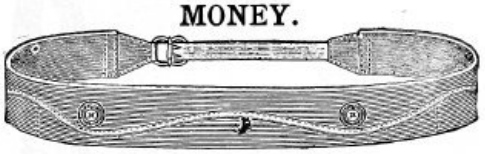
"Rev-o-noc," Embossed Russet Leather, Large Nickel Plated Buckle, 3 Inches Wide.

Nos. - - -	630	644	645
Caliber, - -	30-30	44	45
Per dozen - -	$24.00	24.00	24.00

This belt matches Nos. 944 to 944 3-4 Mexican pattern holsters.

ONE DOZEN IN A PACKAGE.

MONEY.



No. 201—Leather, with 3 pockets to button, - per dozen $12.00

No. 100—Heavy chamois skin, with 3 pockets to button, per dozen, - - - - - - - - - 12.00

No. 200—Horse hide, oil tanned, soft and pliable, with 3 pockets to button, - - - - - per dozen 15.00

CARBINE SLING STRAPS.

No. 1—Made to fit Winchester carbine, selected tan colored leather, patent buckle, length drawn out 38 in., shortened 22 in., with swivel hooks and screw eyes, - per dozen $18.00

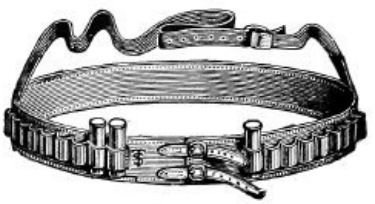
No. 2—Made to fit Marlin carbine, selected black leather, attached to stock by a screw, to the barrel by band with loop, - - - - - - - per dozen 14.40

SHELL.

Canvas, Stitched.

No. 510—10 gauge, 2½ in. wide, - - per dozen $3.00
No. 512—12 gauge, 2½ in. wide, - - " 3.00
No. 516—16 gauge, 2½ in. wide, - - " 3.00

ONE DOZEN IN A PACKAGE.



Woven Web, with Leather Supporting Strap.

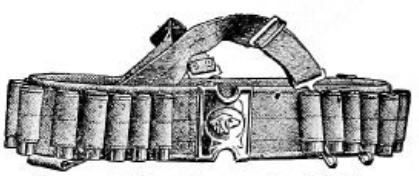
No. 310—10 gauge, 2½ in. wide, - - per dozen $8.50
No. 312—12 gauge, 2½ in. wide, - - " 8.50

Leather, with Supporting Strap.

No. 410—10 gauge, 2 in. wide, - - - per dozen $9.00
No. 412—12 gauge, 2 in. wide, - - - " 9.00
No. 416—16 gauge, 2 in. wide, - - - " 9.00

ONE DOZEN IN A PACKAGE.

CARTRIDGE AND SHELL.



Anson Mills, Woven, for Shells.

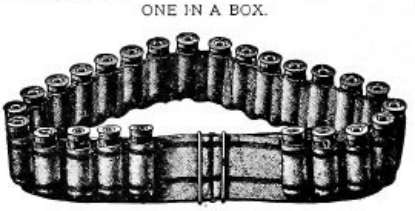
No. 1—10 gauge, 3 in. wide, - - - per dozen $18.00
No. 2—12 gauge, 3 in. wide, - - - " 18.00
No. 4—16 gauge, 3 in. wide, - - - " 18.00

ONE IN A BOX.

Anson Mills, Woven, for Cartridges.

No. 14—45 caliber, straight shell, 3 in. wide, - per dozen $18.00
No. 17—32-40 and 30-30 caliber, 3 in. wide, - " 18.00
No. 18—38-55 and 30-40 caliber, 3 in. wide, - " 18.00

ONE IN A BOX.



Hunters', Woven, for Shells.

No. 1—10 gauge, 2½ in. wide, - - per dozen $12.00
No. 2—12 gauge, 2½ in. wide, - - " 12.00
No. 4—16 gauge, 2½ in. wide, - - " 12.00

Hunters', Woven, for Cartridges.

No. 14—45 caliber, straight shell, 2½ in. wide, - per dozen $12.00
No. 17—32-40 and 30-30 caliber, 2½ in. wide, - " 12.00
No. 18—38-55 and 30-40 caliber, 2½ in. wide, - " 12.00

ONE IN A BOX.

SHOOTERS' SUNDRIES.

SHELL BOXES.

No. 1.

No. 1—Japanned, IXXX tin, holds 150 shells, size 13½×9½×3 in., w't per doz. 36 lbs.. - per dozen $33.75

No. 375—Fine solid russet leather, lined with tin, holds 200 shells, size about 12×6×6 in., w't per doz. 44 lbs., per dozen, - - - - - - - - $60.00

ONE IN A PAPER COVER.

SHELL BAGS.

No. 101—Canvas, without pocket, holds 50 shells, w't per doz. 3 lbs., - - - - - - per dozen $ 5.00

No. 102—Canvas, without pocket, holds 75 shells, w't per doz. 3¼ lbs., - - - - - per dozen 5.25

No. 110—Canvas, with pocket, holds 50 shells, w't per doz. 3½ lbs., - - - - - - per dozen 5.80

No. 120—Canvas, with pocket, holds 75 shells, w't per doz. 4 lbs., - - - - - - per dozen 6.30

No. 130—Canvas, with pocket, holds 100 shells, w't per doz. 4¼ lbs., - - - - - - per dozen 6.80

No. 200—Canvas, with pocket, holds 200 shells, w't per doz. 4½ lbs., - - - - - - per dozen 15.00

No. 300—Canvas, with pocket, holds 300 shells, w't per doz. 6 lbs., - - - - - - per dozen 17.00

No. 140—Leather, with pocket and shoulder-piece, holds 75 shells, w't per doz. 8½ lbs., - - - per dozen 24.25

ONE DOZEN IN A PACKAGE.

SHELL CASES.

No. 175—Embossed russet leather, heavy tin compartments, rounded leather handle with metal handle caps, nickel lock and trimmings, dress suit case fastenings, 3 compartments, for 75 rounds, w't per doz. 40 lbs., per dozen $48.00

No. 200—Same as No. 175, but with 4 compartments, for 100 rounds, w't per doz. 46 lbs., - - - per dozen 54.00

No. 250—Same as No. 175, but with 6 compartments, for 150 rounds, w't per doz. 50 lbs., - - - per dozen 68.00

ONE IN A PAPER COVER.

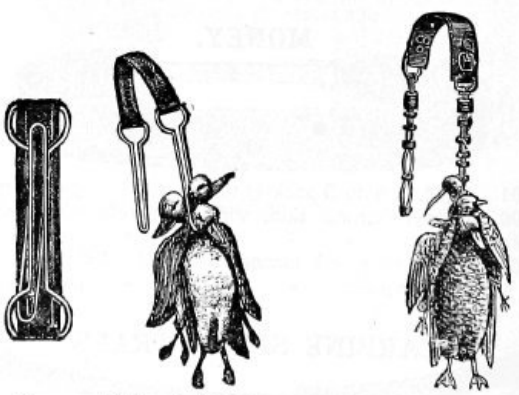
TRAP SHOOTERS' SHELL BAGS.

No. 17—15 oz. tan duck, leather belt sewed on back, holds 25 shells, w't per doz. 4 lbs., - - - per dozen $ 9.00

No. 19—Made of soft bag leather, otherwise same as No. 17, w't per doz. about 7½ lbs., - - - - per dozen 15 00

ONE DOZEN IN A PACKAGE.

GAME CARRIERS.



No. 0—BARNUM, 2 tinned steel loops, stitched tan duck connecting strap, length folded 8 in., w't per doz. 2¼ lbs., per dozen, - - - - - - - - 3.00

No. 1—RUDOLPH'S, leather, will hold a dozen ducks or three dozen snipe, and will take the head of a rabbit as well as quail, chicken or goose, w't per doz. 3 lbs., - per dozen 6.00

ONE DOZEN IN A PACKAGE.

HUNTING BOOTS.

No. 0310—Witch-Elk, 18 in., Goodyear welt, waterproofed cream elk uppers, wing tip, bellows tongue, box toe, brass Klondike eyelets, No. 1 waterproofed oak outersole, elk middle sole, 5/8 flange heel, leather lined throughout, rawhide laces - per pair $13.00

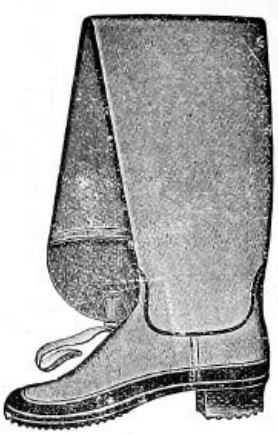
No. 0312—Witch-Elk, 15 in., otherwise same as No. 0310 - - - - - - - - - - - - " 11.50

No. 0318—Witch-Elk, 12 in., otherwise same as No. 0310 - - - - - - - - - - - - " 10.00

This high grade line of hunting boots needs no introduction to the sporting fraternity. In handling this line, the dealer can feel that he is offering the best as well as the best known sporting boot on the market. These boots are as waterproof as leather can be made, and if properly treated with the waterproof dressing, will give entire satisfaction. They are not warranted to be absolutely waterproof, as there is no boot made from leather that can be so warranted.

No. 2.

No. 22.



No. 23.

No. 2—Hip boots, pure rubber, tap sole, weight per pair 6½ lbs., - - - - - - - - - - per pair $ 6.50

No. 8—Thigh boots, pure rubber, square top, weight per pair 6 lbs., - - - - - - - - - " 6.50

No. 18—Thigh boots, pure rubber, square top, high grade light weight, weight per pair 3¾ lbs., - - - - - - " 6.50

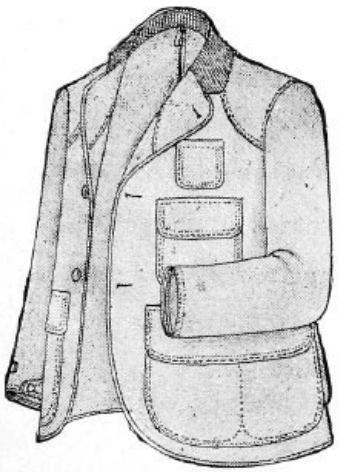
No. 23—Mackintosh sporting hip boots, rubber soles, dead grass color,, weight per pair 5¼ lbs., - - - - - - " 10.00

No. 12—Mackintosh wading pants, stocking feet, supporting straps, dead grass color, weight per pair 4¼ lbs., - - " 10.00

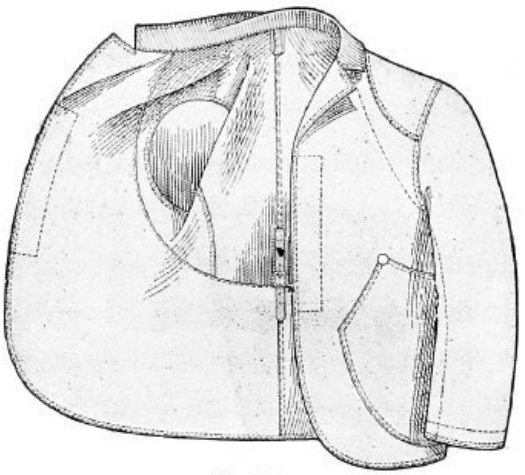
No. 22—Mackintosh wading pants, boot feet, supporting straps, rubber soles, dead grass color, weight per pair 6½ lbs., - " 14.00

ONE PAIR IN A PACKAGE.

REV-O-NOC HUNTING COATS.



No. 30.



No. 52.

No. 62.

No. 30—Finest quality 10 oz. standard army duck, made in best possible manner, lined with fine 8 oz. army duck and double stitched throughout, corduroy collar and corduroy adjustable cuffs, 5 outside cut-in pockets and 1 whistle pocket, double skirt game pockets with entrance at front edges and back seams, shoulders reinforced and padded, match pocket mackintosh lined with friction striker on inside breast lapel, ventilated gusset under arms which gives great freedom of movement, made in dead grass color, per dozen $42.00

No. 52—10 oz. khaki, lined with same material, 4 large outside pockets extending entirely around the coat, pockets so arranged in front that shells will not drop out when wearer stoops over, the inside pockets extend entirely around coat, open at front edge, shoulders reinforced, corduroy collar, double stitched throughout, open under arms, - - - - - - - - - per dozen 48.00

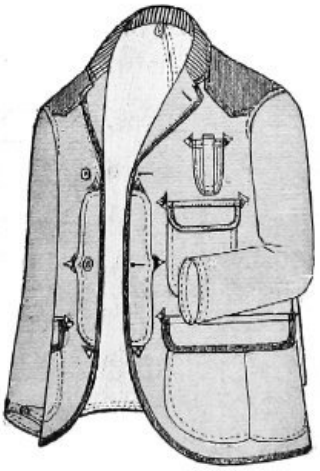
The pockets of this coat are so arranged in front that shells will not drop out when the wearer stoops over or goes through a wire fence. The rear part of these pockets can be used for carrying lunch, shells or additional game. The inside pockets extend entirely around coat, open at front edge. The special feature of this pocket is its size and arrangement, being made open all around and supported in the center with a strap and buckle which allows cleaning and airing, also an easy access to its contents at any time.

No. 62—Best quality 10 oz. army duck, dead-grass color, full lined with 8 oz. army duck, shoulders reinforced and padded, corduroy collar, adjustable cuffs, 6 outside pockets with large flaps, 3 game pockets, entrance from front edges and back seams, double stitched throughout, ventilated gusset under arms, cut-in pockets, - - - - - - - - - per dozen $50.00

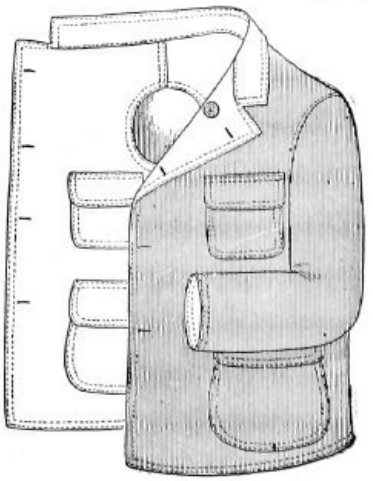
No. 74—10 oz. khaki, full lined with 8 oz. khaki, corduroy collar and cuffs, adjustable sleeves, reinforced and padded shoulders, 6 outside pockets and three inside game pockets, 1 waterproof match pocket inside, gusset under arms, - - - per dozen 54.00

No. 75.

No. 76.



No. 35.



No. 31.

No. 75—10 oz. tan duck, full lined with heavy blanketing, full hunting pattern with adjustable corduroy faced cuffs, extra high storm collar and breast storm pockets, making it an extra warm and convenient hunting coat, - - - - - - per dozen $ 60.00

No. 76—8 oz. waterproof army duck, sage green color, full lined, sleeves lined with same material, collar and cuffs of corduroy, take-up sleeves, reinforced shoulders, gussets under the arms, full hunting pattern, - - - - - - - - per dozen 65.00

The material used in this coat has been especially treated with a waterproof solution and is soft and pliable.

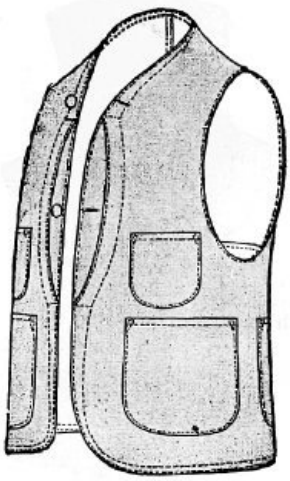
No. 35—12 oz. army duck, dead-grass color, full lined with 8 oz. army duck, sleeves lined with English sateen, adjustable corduroy collar and cuffs, shoulders reinforced and padded, double stitched, silk crow's feet at pocket entrance and lapels, oil-tanned horse hide binding and shoulder pads, - - - - - - - - - - - - - - - per dozen 70.00

No. 31—Reversible corduroy and waterproof goatskin, best imported English corduroy on one side, specially tanned goatskin on the other, double breasted, cut-in pockets with flaps, - - - - - - - - - - - - - - per dozen 216.00

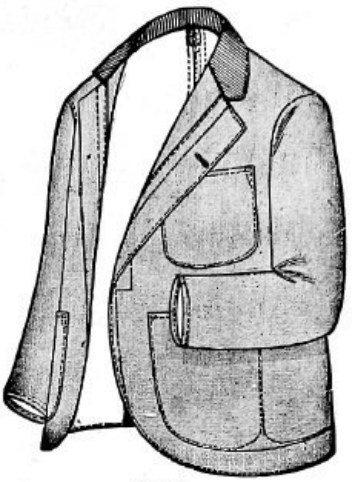
Made in even numbers only, sizes 36, 38, 40, 42, 44 and 46 chest measurement. Extra charge for any larger size.

ONE IN A PACKAGE.

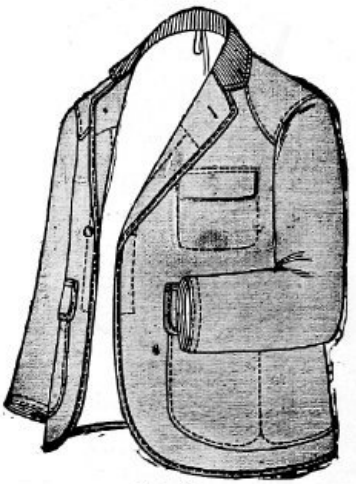
HUNTING COATS.



No. 10S.



No. 15.

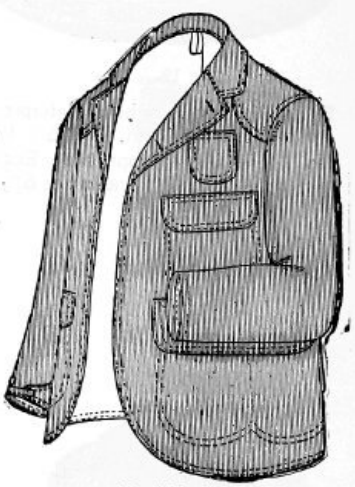


No. 21.

No. 10 —Heavy drill, dead grass color, 5 outside pockets, 2 inside skirt game pockets, - - - - - - per dozen $12.00
No. 10S—Sleeveless coat made of heavy drill, dead grass color, skeleton pattern, 6 outside pockets, 2 inside pockets, also skirt game pocket with entrance from front edge, - - - - - - - - - - - - - - - - per dozen 13.00
No. 15 —8 oz. duck, dead grass color, corduroy collar, 2 inside game pockets, 5 outside pockets, - - - - - " 16.20
No. 20 —8 oz. duck, dead grass color, corduroy collar, 5 outside shell pockets with flaps, 2 inside game pockets with entrance from front edge, seams double stitched, reinforced shoulders, - - - - - - - - - - - - per dozen 21.60
No. 18 —Fine 8 oz. sage green duck, corduroy collar and cuffs, 2 large game pockets with entrance at front edges, 6 outside pockets with flaps, double stitched, leather bound, - - - - - - - - - - - - - - - - per dozen 24.50
No. 21 —Fine 8 oz. sage green duck, with 3 game pockets, entrance at front edges and back seams, 6 outside shell pockets with flaps, drill lined, corduroy collar and adjustable lined cuffs, shoulders reinforced, seams double stitched, leather bound, - per dozen 28.80

Nos. 23 and 26.

No. 133.



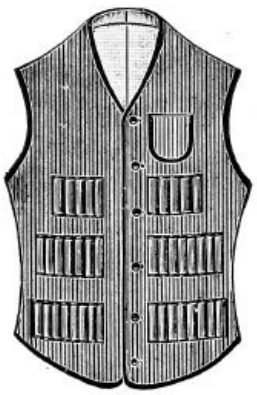
No. 128.

No. 23—Made of fine double twisted 10 oz. duck, dead grass color, lined to shoulders, corduroy collar, corduroy lined adjustable cuffs, 6 outside cut-in pockets with flaps, 3 inside game pockets with entrance at front edges and back seams, seams double stitched and shoulders reinforced, - - - - - - - - - - - - - - - - - - per dozen $30.00
No. 26—Sage green color, otherwise same as No. 23, - - - - - - - - - - - - - - - - - - " 30.00
No. 133—Tan waterproof pantasote, a new waterproof material, light in weight and not affected by climatic changes, full drill lined, 6 outside cut-in pockets with flaps, 3 game pockets with entrance from front edge and back seams, seams and edges double stitched, reinforced shoulders, patent ventilated gusset, - - - - - - - - - - - - - per dozen 38.00
No. 127—Imported corduroy, full hunting pattern, full 10 oz. canvas lined, 3 cut-in pockets with flaps, 3 game pockets with entrance from front edges and back seams, shoulders reinforced, - - - - - - - - - - - - - per dozen 56.75
No. 128—Finest imported corduroy, full hunting pattern, full 10 oz. canvas lined, 6 outside cut-in pockets with flaps, 3 inside game pockets with entrance from front edges and back seams, adjustable corduroy lined cuffs, shoulders reinforced, - per dozen 72.60

ONE IN A PACKAGE. MADE IN EVEN NUMBERS ONLY. SIZES 36, 38, 40, 42, 44 AND 46 CHEST MEASUREMENT. EXTRA CHARGE FOR ANY LARGER SIZE.

SHELL VESTS.

No. 38.



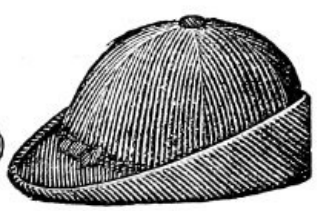
No. 40.

No. 38—Waterproof duck, with closed loops to hold 40 shells either 10 or 12 gauge, - - - - per dozen $15.00

No. 40—Heavy imported corduroy, lined throughout with drill, with closed loops to hold 33 shells, 1 inside pocket and 1 whistle pocket, - - - - per dozen 33.00

HATS AND CAPS.

No. 19.

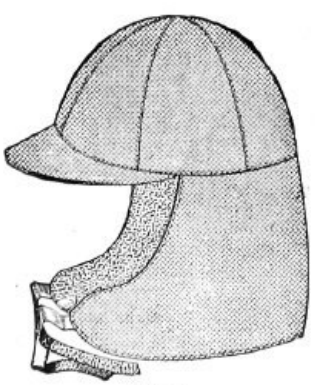


No. 31.

No. 19—Round top hats, waterproof duck, dead grass color, well stitched rim, sizes 6⅞ to 7½, - per dozen $ 7.20

No. 31—Hunting caps, best English corduroy, single visor and pull down band, sizes 6⅞ to 7½, - per dozen 11.40

Nos. 33 and 34.



No. 12.

No. 33—Best English corduroy, with ear flaps to tie on top, sizes 6⅞ to 7½, - - - - per dozen $12.00

No. 34—Heavy canvas, same style as No. 33, sizes 6⅞ to 7½, - - - - - - per dozen 10.80

No. 12—Havelock caps, with single visor and lined cape over ears and neck, sizes 6⅞ to 7½, - per dozen 9.00

Always state size when ordering.

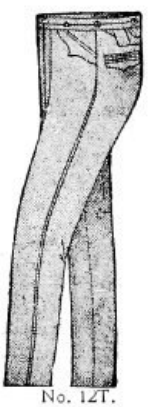
ONE DOZEN IN A PACKAGE.

ALASKA HUNTING JACKETS.

Showing Collar Turned Up.

No. 90—WEBER'S, all wool heavy worsted, tan or oxford grey color, double thickness collar, with buttoned flap, four pockets, bound and stayed, - - - per dozen $60.00

This makes an ideal jacket for cold weather, at the traps or on the marsh. When ordering give breast measurement.



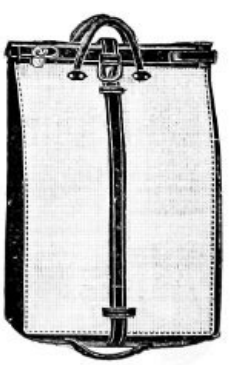
No. 12T.

HUNTERS' TROUSERS.

No. 010T—Canvas, 7 oz., per dozen pairs $13.25

No. 12T—10 oz., tan army duck, per dozen pairs, - - - - - 21.00

CARRY-ALL BAGS.



No. 12—10 oz. duck, leather bound, leather handles and straps, height 28 in., bottom 20×7 in., tapering toward the top, - - - - - - per dozen $24.00

No. 11—Waterproof tan duck, strap fastening, with padlock, heavy strap around bag, height 30 in., bottom 22×7 in., per dozen - - - - - - - 60.00

ARCTIC SOCKS.

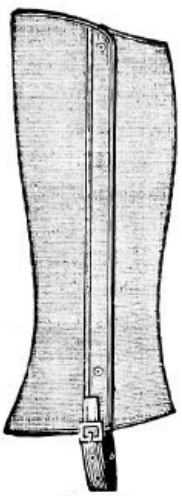
Double Twisted Yarn, Felt Lined, Elastic.

No. 10—Men's, - - - - - per dozen pairs $3.50

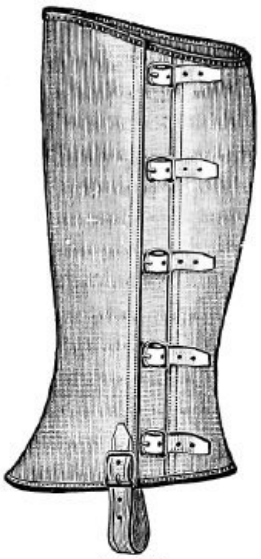
Invaluable for bedroom slippers, use in rubber boots, for loggers and farmers.

MEN'S LEGGINGS.

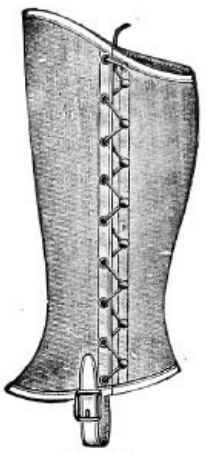
No. 12L.



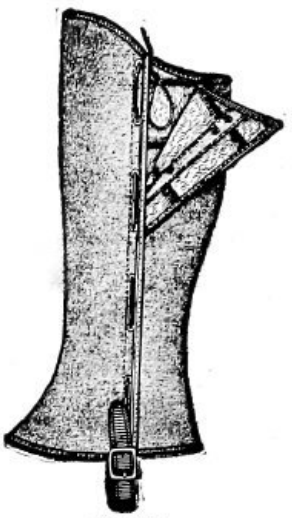
No. 15S.



No. 18B.

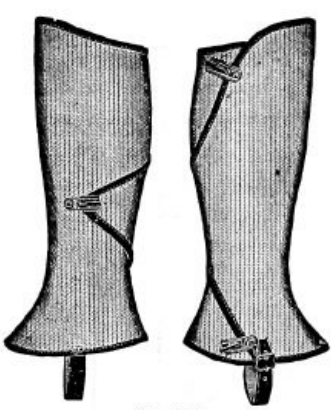


No. 18L.

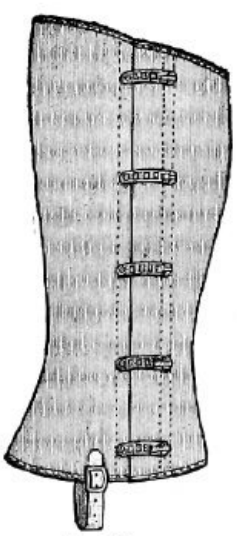


No. 05C.

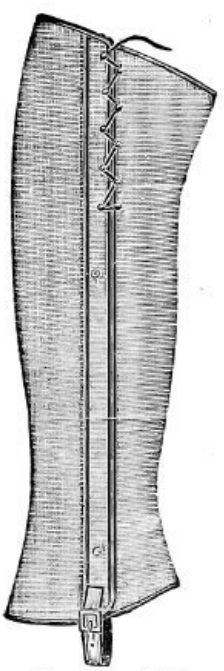
No. 12L—12 oz. heavy waterproof canvas, tan color, leather bound top and bottom, army lace, - - - - per dozen pairs $6.00
No. 15S—15 oz. heavy waterproof canvas, tan color, leather bound top and bottom, side spring, - - - - " 7.20
No. 18B—18 oz. extra fine heavy waterproof canvas, tan color, leather bound top and bottom, strap and buckle fastening, " 7.20
No. 18L—18 oz. fine quality waterproof canvas, tan color, leather bound top and bottom, army laced, - - - " 7.20
No. 05C—Fine quality heavy covert cloth, blanket lined, leather bound top and bottom, army laced, a warm waterproof legging for rough and cold weather, - - - - - - - - - - - - - - - - - - per dozen pairs 9.00



No. 18C.



No. 18A.



Nos. 11S. and 12S.

No. 8S.

No. 18C—18 oz. extra fine heavy waterproof canvas, leather bound top and bottom, latest improved cinch style of fastening, per dozen pairs, - $ 9.00
No. 18A—18 oz. fine heavy waterproof canvas, tan color, leather bound top and bottom, automatic buckle, - - per dozen pairs 9.00
No. 12S—15 oz. waterproof duck, tan color, full bound spring to knee and laced to thigh, - - - - " 12.00
No. 11S—22 oz. extra heavy waterproof duck, tan color, full bound spring to knee and laced to thigh, - - - " 15.00
No. 8S—Black chrome grain leather, side spring, very strong and servicable, - - - - - - - " 24.00

Sizes carried in stock: 14, 15, 16, 17 and 18 in. In ordering leggings, give size of calf with trousers folded.

ONE DOZEN IN A PACKAGE.

TOWER'S OILED CLOTHING.

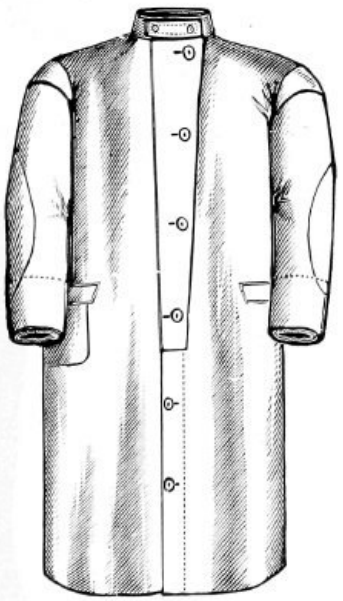
JACKETS.

		YELLOW	BLACK
Drill, single,	per dozen	$10.00	
Cape Ann, double,	"	11.00	$11.50
Shield Brand, double,	"	12.50	13.00
Fish Brand, double,	"	14.00	15.00

Sizes 0, 1, 2 and 3, length 29 to 31 in. Especially adapted for the use of teamsters and laborers.

AVERAGE WEIGHT 33 LBS. PER DOZEN.

PLAIN SLICKERS.



		YELLOW	BLACK
Drill, single,	per dozen	$19.00	
Cape Ann, herders', double,	"	21.00	$22.25
Shield Brand, double,	"	25.00	26.25
Fish Brand, double,	"	30.00	31.25

Sizes 0, 1, 2 and 3, lengths 58, 56, 54 and 52 in., according to breast measure. All grades have woolen collar. Shield and Fish brands have epaulets, throat piece and elastic inside sleeves. The herder slicker is a superior article, well adapted for the purpose. Slickers are split up the back about 30 in.

All black slickers are now made with improved silk finish, which greatly improves the appearance and wearing qualities of the goods.

The breast measurement of No. 1 is 46 to 48 in.; No. 2, 42 to 44 in., and No. 3, 38 to 40 in. Sizes 1, 2 and 3 are regular, the usual assortment for one dozen being four No. 1, six No. 2 and two No. 3. Size 0 is extra large (50 to 52 in.) and is sent only on special orders.

AVERAGE WEIGHT 55 LBS. PER DOZEN.

FROCKS.

		YELLOW	BLACK
Shield Brand,	per dozen	$18.00	$19.00
Fish Brand,	"	21.00	22.25

Sizes 0, 1, 2 and 3, length 38 in. A convenient coat to wear with hip boots. All grades are furnished with wool collar. The Shield and Fish brands are double throughout, with epaulets, elbow patches, and elastic inside sleeves.

AVERAGE WEIGHT 45 LBS. PER DOZEN.

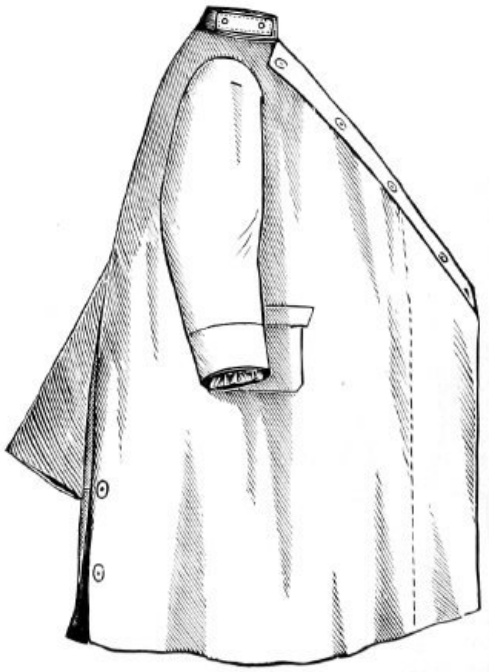
MEDIUM LONG COATS.

		YELLOW	BLACK
Shield Brand,	per dozen	$21.25	$22.25
Fish Brand,	"	23.50	25.25

Sizes 0, 1, 2 and 3, length 44 in. These are the same as the frock coats in every particular except length, being 6 in. longer.

AVERAGE WEIGHT 48 LBS. PER DOZEN

POMMEL SLICKERS.



		YELLOW	BLACK
Fish Brand,	per dozen	$35.00	$36.25

This slicker is designed to cover both rider and saddle in front and behind. It is otherwise the same as the plain article of the same brand.

AVERAGE WEIGHT 71 LBS. PER DOZEN.

Single drill goods are made from finest standard drills, and are strong and serviceable. Cape Ann double clothing is heavier and better grade. The Shield brand is equal to most first quality goods of other manufacture, and the Fish brand represents the finest material, workmanship, and utility possible in oiled clothing.

"OUR VERY BEST" OILED CLOTHING.

Each step in the manufacture of this unequalled line of clothing, from the selecting of the long staple cotton, from which to make the special close-woven cloth, to putting on the brand, is taken with the one single purpose in mind—viz: TO MAKE AN OILED GARMENT THAT IS THE BEST THAT CAN BE MADE. A garment that is absolutely *Waterproof, Durable,* and entirely *free from stickiness.*

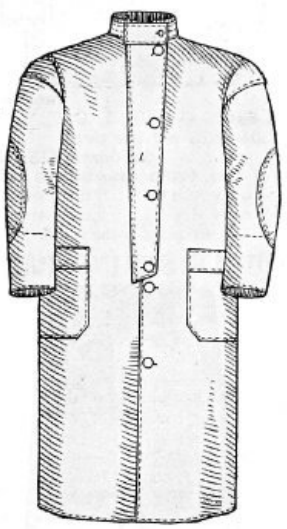
In addition to the extreme and minute care in the process of manufacturing, "O. V. B." Clothing has several features, found in no other line. All "O. V. B." Slickers and Frocks have Shoulder Caps, Elbow Patches, Inner Sleeves, Weather Pieces, Flannel-lined Collars, and Throat-pieces. Two Pockets. The Buttons on the "O. V. B." Garments are patent Eyelet—Fastened Zinc Buttons with a smooth back, that does away entirely with the annoying catching and tearing of clothing so common in other lines. Furthermore these buttons are superior to others in that they will not rust or corrode.

GUARANTY ON "O. V. B." OILED CLOTHING.

WE GUARANTEE "O. V. B." OILED CLOTHING TO BE MADE OF THE BEST MATERIAL AND TO BE ABSOLUTELY WATERPROOF.

HIBBARD SPENCER, BARTLETT & Co.

PLAIN SLICKERS.



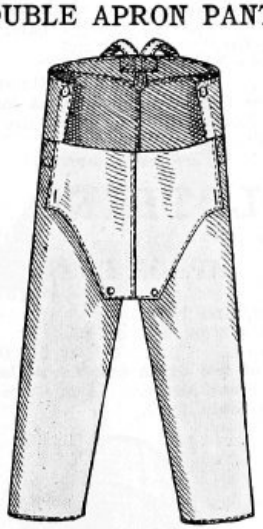
YELLOW. BLACK.

"O. V. B."—Sizes 0, 1, 2 and 3 assorted, w't per doz. 58 lbs.
per dozen..... $30.00 $31.25

Cases of one dozen assorted as follows:
2 only size 0, length 60 in., 44 in. bust.
4 only size 1, length 58 in., 42 in. bust.
4 only size 2, length 56 in., 38 in. bust.
2 only size 3, length 54 in., 36 in. bust.

Guaranteed absolutely waterproof.

DOUBLE APRON PANTS.



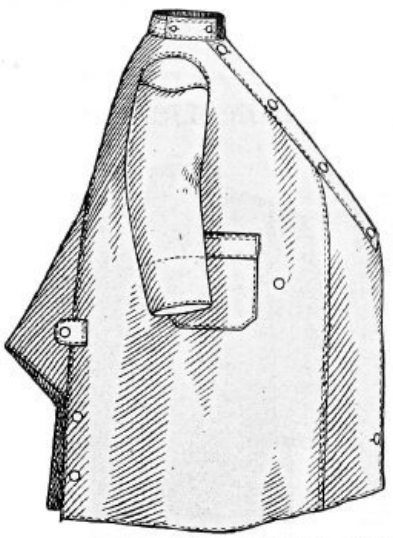
YELLOW. BLACK.

"O. V. B."—Sizes 0, 1, 2 and 3 assorted, w't per doz. 31 lbs.
per dozen..... $14.50 $15.00

Cases of two dozen assorted as follows:
4 only size 0. 8 only size 2.
8 only size 1. 4 only size 3.

Guaranteed absolutely waterproof.

POMMEL SLICKERS.



YELLOW. BLACK.

"O. V. B."—Sizes 0, 1, 2 and 3 assorted, w't per doz. 68 lbs.
per dozen..... $35.00 $36.25

Cases of one dozen assorted as follows:
2 only size 0, length 60 in., 44 in. bust.
4 only size 1, length 58 in., 41 in. bust.
4 only size 2, length 56 in., 38 in. pust.
2 only size 3, length 54 in., 36 in. bust.

The most perfect garment ever invented for Horsemen's use. Instantly adjusted in dismounting from a saddle to a walking coat, the alteration requiring the regulating of one button only. Guaranteed absolutely waterproof.

DOUBLE JACKETS.

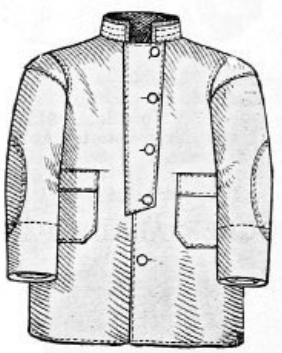
YELLOW. BLACK.

"O. V. B."—Sizes 0, 1, 2 and 3 assorted, w't per doz. 34 lbs.
per dozen..... $14.00 $15.00

Cases of two dozen assorted as follows:
4 only size 0. 8 only size 2.
8 only size 1. 4 only size 3.

Can be worn with either apron or string pants, makes a convenient waterproof suit to work in. Guaranteed absolutely waterproof.

FROCKS.



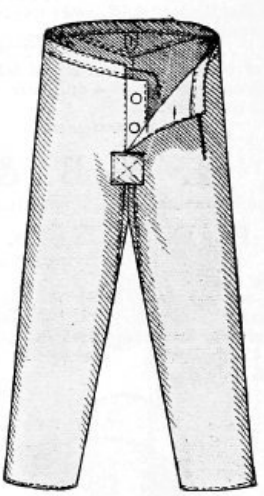
YELLOW. BLACK.

"O. V. B."—Sizes 0, 1, 2 and 3 assorted, w't per doz. 42 lbs.
per dozen..... $21.00 $22.25

Cases of two dozen assorted as follows:
4 only size 0. 8 only size 2.
8 only size 1. 4 only size 3.

This garment reaches to the knees and can be worn with oiled pants or rubber hip boots. Guaranteed absolutely waterproof.

DOUBLE STRING PANTS.



YELLOW. BLACK.

"O. V. B."—Sizes 0, 1, 2 and 3 assorted, w't per doz. 30 lbs.
per dozen..... $14.00 $14.50

Cases of two dozen assorted as follows:
4 only size 0. 8 only size 2.
8 only size 1. 4 only size 3.

Guaranteed absolutely waterproof.

"HIB-SPE-BAR" OILED CLOTHING.

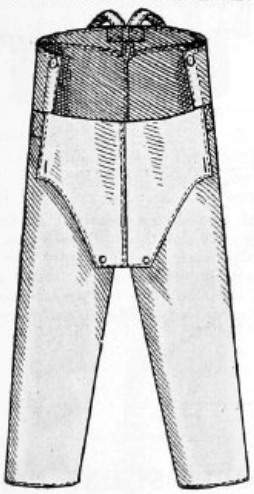
DOUBLE JACKETS.

YELLOW. BLACK.

"Hib-Spe-Bar," sizes 0, 1, 2 and 3 assorted, w't per doz. 35 lbs. ..... per dozen $12.50 $13.00

Cases of two dozen assorted as follows:
4 only size 0. 8 only size 2.
8 only size 1. 4 only size 3.
Warranted waterproof.

DOUBLE APRON PANTS.



YELLOW. BLACK.

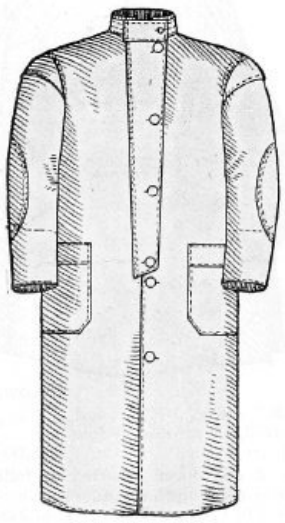
"Hib-Spe-Bar," sizes 1, 2 and 3 assorted, w't per doz. 33 lbs. ..... per dozen $12.50 $13.00

Cases of two dozen assorted as follows:
8 only size 1. 4 only size 3.
12 only size 2.
Warranted waterproof.

HIBSPEBAR OILED CLOTHING.

Is offered in competition with best grades of other makes. Manufactured from carefully selected materials, thoroughly oiled and durably made "Hib-Spe-Bar" Slickers and Frocks have all improvements, such as shoulder caps, elbow patches, inner sleeves, weather piece, flannel lined collar and patent fastened non-corrosive zinc buttons.

PLAIN SLICKERS.

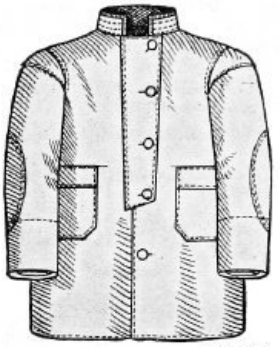


YELLOW. BLACK.

"Hib-Spe-Bar," sizes 0, 1, 2 and 3 assorted, w't per doz. 59 lbs. ..... per dozen $25.00 $26.25

Cases of one dozen assorted as follows:
2 on y size 0, length 60 in., 44 in. bust.
4 only size 1, length 58 in., 42 in. bust.
4 on y size 2, length 56 in., 38 in. bust.
2 only size 3, length 54 in., 36 in. bust.
Warranted waterproof.

FROCKS.

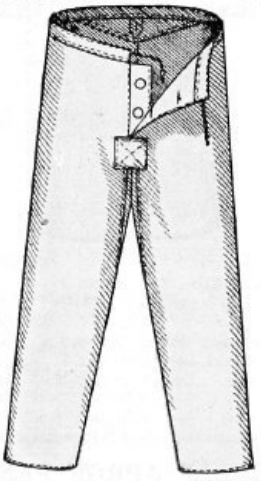


YELLOW. BLACK.

"Hib-Spe-Bar," sizes 0, 1, 2, and 3 assorted, w't per doz 45 lbs. ..... per dozen $18.00 $19.00

Cases of two dozen assorted as follows:
4 only size 0. 8 only size 2.
8 only size 1. 4 only size 3.
Warranted waterproof.

DOUBLE STRING PANTS.



YELLOW. BLACK.

"Hib-Spe-Bar," sizes 1, 2 and 3 assorted, w't per doz. 30 lbs. ..... per dozen $12.00 $12.50

Cases of two dozen assorted as follows:
8 only size 1. 4 only size 3.
12 only size 2.
Warranted waterproof.

H. S. B. & CO'S. CAPE ANN OILED CLOTHING.

This line is manufactured to meet the demand for good low priced garments and will surpass any similarly low priced grade of goods on the market.

PLAIN SLICKERS.

YELLOW. BLACK.

Cape Ann, sizes 1, 2 and 3 assorted, w't per doz. 56 lbs., per dozen. $21.00 $22.25

Cases of one dozen assorted as follows:
4 only size 1. 2 only size 3.
6 only size 2.

DOUBLE JACKETS.

YELLOW. BLACK.

Cape Ann, sizes 1, 2 and 3 assorted, w't per doz. 36 lbs., per dozen. $11.00 $11.50

Cases of two dozen assorted as follows:
8 only size 1. 4 only size 3.
12 only size 2.

APRON PANTS.

YELLOW. BLACK.

Cape Ann, sizes 1, 2 and 3 assorted, w't per doz. 32 lbs., per dozen. $11.00 $11.50

Cases of two dozen assorted as follows:
8 only size 1. 4 only size 3.
12 only size 2.

H. S. B. & CO. HATS.

YELLOW. BLACK.

Sou'wester, sizes 3, 4, 5 and 6, w't per doz. 4 lbs., per dozen. $3.25 $3.25

SIX DOZEN IN A CASE.

Miners,' black only, sizes 3, 4, 5 and 6, w't per doz. 4 lbs ..... per dozen $3.75

SIX DOZEN IN A CASE.

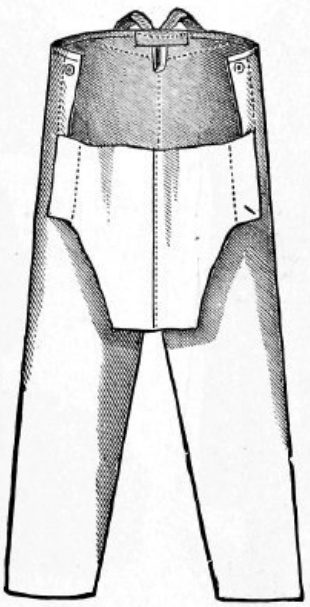
YELLOW. BLACK.

Cape Ann, sizes 3, 4, 5, and 6, w't per doz. 5 lbs., per dozen. $5.50 $5.50

SIX DOZEN IN A CASE.

TOWER'S OILED CLOTHING.

OVERALLS.



		YELLOW	BLACK
Drill, single	per dozen	$15.20	
Cape Ann, double	"	17.60	$18.30
Shield Brand, double	"	20.00	20.80
Fish Brand, double	"	23.20	24.00

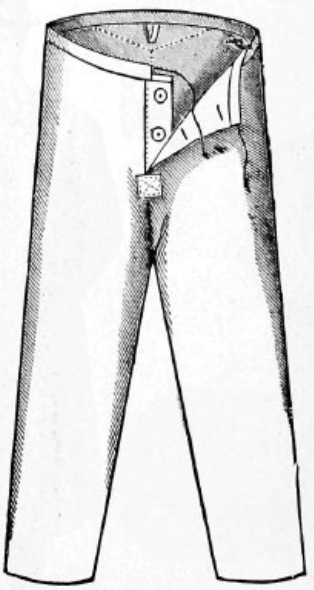
The Shield and Fish Brands are double throughout. A very convenient style of pants for general wear. Designed to be worn with jacket. Made in four sizes, as follows:

Size 0—48 in. waist, 32 in. leg.
Size 1—46 in. waist, 31 in. leg.
Size 2—44 in. waist, 30 in. leg.
Size 3—42 in. waist, 29 in. leg.

Sizes 1, 2 and 3 are regular, the usual assortment for one dozen being 4-1, 6-2 and 2-3. Size 0 is extra large and is sent only on special order.

AVERAGE WEIGHT 34 LBS. PER DOZEN.

STRING PANTS.



		YELLOW	BLACK
Drill, single	per dozen	$14.40	
Cape Ann, double	"	16.80	$17.50
Shield Brand, double	"	19.20	20.00
Fish Brand, double	"	22.40	23.20

The Shield and Fish Brands are double throughout. This style is adjustable to any size by means of a drawstring through the waistband. Designed to be worn with jacket. Made in four sizes, as follows:

Size 0—48 in. waist, 30 in. leg.
Size 1—46 in. waist, 29 in. leg
Size 2—44 in. waist, 28 in. leg.
Size 3—42 in. waist, 27 in. leg.

Sizes 1, 2 and 3 are regular, the usual assortment for one dozen being 4-1, 6-2 and 2-3. Size 0 is extra large and is sent only on special order.

AVERAGE WEIGHT 32 LBS PER DOZEN.

HATS.

Squam.

Miners'.

Fish Brand.

Cape Ann.

Squam, stiff crown and brim, lined with white canton flannel, black or yellow, average w't per doz. 5 lbs. ..... per dozen $5.20
Miners', stiff crown and brim, leather for attaching lamp, lined with white canton flannel, yellow or black, w't per doz. 4 lbs ..... " 6.00
Fish Brand, soft crown, rather stiff brim, all wool red flannel lining, black, average w't per doz. 5 lbs. ..... " 8.00
Cape Ann, for severe weather, all wool red flannel lining, black, average w't per doz. 6 lbs. ..... " 8.80

MEN'S RAIN COATS AND CRAVENETTES.

No. 2000.

Nos. 1765 and 1000.

Cravenette Coat.

No. 1001.

RAIN COATS.

No. 1765—London Slip-on, light olive tan covert, raglan shoulder, fly front, vertical pockets, military collar, straps on sleeve, extra full, length 50 in. ..... each $27.00
An imported English featherweight in one of the most nobby patterns.

No. 1000—Ascot Slip-on, drab waterproof English cloth, military collar, buttons up to throat, length 50 in. ..... " 17.50
A very stylish and serviceable garment.

No. 2000—Rumble, pure gum tan rubber on red stripe sheeting, extra full skirt, cut diagonally over chest, giving double breasted effect, vertical pockets opening through, large bone buttons, length 52 in. ..... each 14.00
An exceptionally dressy coat with a rubber surface.

No. 1002—Featherweight, rubber surface coat in tan or drab, fly front, two outside pockets, length 50 in. ..... " 10.00
One of the most nobby English rainproof coats, so popular this season. Can be folded into a package small enough to be put in the pocket.

No. 1001—Royal, tan twill rubber coated, medium weight, reversible, extra full sweep skirt, length 52 in. ..... " 10.00
A handsome wind or rainproof garment. In pleasant weather can be worn as a tan coat with black lining, or in stormy weather can be worn with rubber side out, making a garment doubly useful and attractive.

Sizes 34, 36, 38, 40, 42, 44 and 46 in. All sizes over 46 in. are higher in price and are subject to delay as they have to be made.

CRAVENETTE COATS.

No. 1506—Dark stripe, worsted finish, turn down collar, fly front, length 52 in. ..... each $18.00

No. 1526—Mouse gray unfinished union worsted, shadow stripe, fly front, turn down collar, length 52 in. ..... " 21.50
One of the new and most popular spring colorings and an especially attractive garment.

No. 1546—Dark oxford gray cravenette worsted with blended stripe effect, fly front, turn down collar, length 52 in. ..... " 25.00
One of the newest spring fabrics produced by a high class rain coat specialist.

No. 1556—Fancy weave hard finish olive worsted, fly front, regular turn down collar, felled, length 52 in. ..... " 26.50

No. 1299—Fine black thibet, full skirt, lapel collar, fly front, yoke and sleeves lined with venetian cloth, length 52 in. ..... " 27.00

No. 1566—Medium plain soft finish cravenette, all wool, modified military collar, buttoned with fine ivory buttons, length 52 in. ..... " 28.50

No. 1576—Priestly, drab oxford cravenette worsted, with two inch blended stripe, imported venetian lining, sleeves lined with genuine skinner satin, length 52 in. ..... each 33.00
A new and handsome spring fabric of high quality and durability.

No. 1507—Extra quality all black thibet, yoke and sleeves lined with fine black satin, full skirt, flap pockets, fly front, sewed throughout with silk thread, length 52 in. ..... each 36.00

No. 1802—High grade imported dark gray worsted, plain lapel, fly front, sleeves and yoke lined with satin, sewed throughout with silk thread, length 52 in. ..... each 48.00
A stylish as well as a staple pattern.

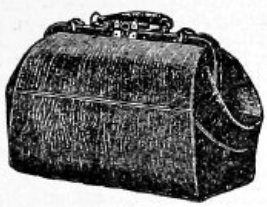
Sizes 34, 36, 38, 40, 42, 44 and 46 in. All sizes over 46 in. are higher in price and are subject to delay as they have to be made.

TRAVELING BAGS.

CLUB.

No. 334—Brown walrus grained imitation leather, waterproof, japanned frame, plated lock and catches, sanitary cloth lined.

Length	12	14	16	18 in.
Weight	1½	2	2½	3 lbs.
Each	$1.20	1.40	1.70	1.90

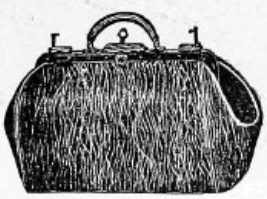


No 387—Deep pattern, brown grained or pebbled imitation leather, full cut, double frame, top lock and side catches, round, stitched reinforced leather handle, leatherette lining.

Length	16	18 in.
Weight	3	3½ lbs.
Each	$3.70	4.20

No. 355—Prime goatskin, amber color, imitation alligator embossed, sliding lock and side spring catches, Vienna handle, cloth lining.

Length	16	18 in.
Weight	2½	3 lbs.
Each	$4.60	5.40



No. 390—Brown grain leather, covered steel frame, long lock and ball catches, English hand sewed handle, leather lined, inside pocket.

Length	14	16	18 in.
Weight	3	3½	4 lbs.
Each	$9.00	10.50	11.80

HARVARD.

No. 388—Good quality brown grain leather, cloth lined, covered frame, long plate lock and spring side catches, heavily plated, English handle, inside pocket.

Length	14	16	18 in.
Weight	2	2¼	2¾ lbs.
Each	$6.60	7.40	8.00

No. 394—Fine quality black box calf, steel frame, solid brass trimmings, "sunk-in" lock and overfall catches of superior make, hand sewed German handle, full leather lined, three pockets, one full length and two gusseted.

Length	16	18 in.
Weight	4	4½ lbs.
Each	$14.50	15.50

No. 395—Extra fine smooth brown cowhide, steel frame, drop lock slide catch, club handle, leather lined, three pockets, one entire length and two with gussets.

Length	16	18 in.
Weight	5½	6 lbs.
Each	$15.00	16.00

PRINCETON.

No. 359—Genuine black walrus leather, English hand sewed, steel frame, solid brass "sunk-in" lock slide catches of special design, German hand sewed reinforced handle, leather lined, three pockets, one entire length and two with gussets.

Length	16	18 in.
Weight	6½	7½ lbs.
Each	$18.00	20.00

OXFORD.

No. 98—Brown or black, smooth leather, French edge, pin frame, gilt trimmings, leather corners, solid leather handle, brass bell rivet corners, leather lined, inside pocket.

Length	16	17	18 in.
Weight	3½	3¾	4 lbs.
Each	$10.00	10.30	10.60

OXFORD.

No. 377—Brown bag leather, name tag stitched to frame, "sunk-in" lock and patent sliding catches, reinforced leather handle, leather lined, inside pockets.

Length	16	18 in.
Weight	4½	6 lbs.
Each	$14.50	15.00

No. 396—High grade mauve bag leather, hand sewed outside seam, sewed-in English frame and reinforced English hand sewed handle, solid brass lock and overfall catches, heavy hand sewed leather corners, leather lined, inside pocket.

Length	16	18 in.
Weight	4½	6 lbs.
Each	$15.00	16.30

No. 380—Genuine alligator, amber color, sewed in English frame, solid brass inside lock and double hinge catches, round English handle best leather lining, three inside pockets.

Length	16	18 in.
Weight	5½	6½ lbs.
Each	$17.50	18.80

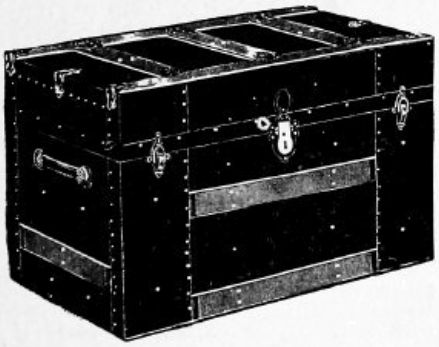
No. 400—Black walrus, imported sewed frame, club handles, nickeled drop lock and catches, French seams, sewed corners, fine leather lined, three pockets.

Length	17	18 in.
Weight	6	7 lbs.
Each	$30.00	31.10

TRUNKS.

No. 500—Semi-round top, sheet iron bound, hardwood slats, japanned steel end clamps, stitched leather handles, hasp lock, tinned bar bolts, strap hinges, rollers, iron bottom, set-up tray, covered hat box.

Length	26	28	30	32	34	36 in.
Weight	25	30	34	38	41	45 lbs.
Each	$3.30	3.70	4.10	4.50	4.90	5.30



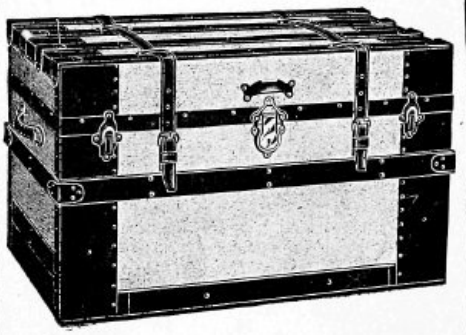
No. 1544—Flat top, black enameled steel cover, hardwood slats, tinned steel end clamps, stitched leather handles, monitor lock, patent bolts, fancy hinges, iron bottom, set-up tray, covered hat box.

Length	28	30	32	34	36 in.
Weight	31½	35	39	43	46 lbs.
Each	$5.50	6.00	6.50	7.00	7.50

No. 2700—Flat top, canvas cover, painted hardwood slats, sheet iron bound, japanned steel clamps, strap hinges, brass monitor lock, patent bolts, iron bottom, tray with covered hat box.

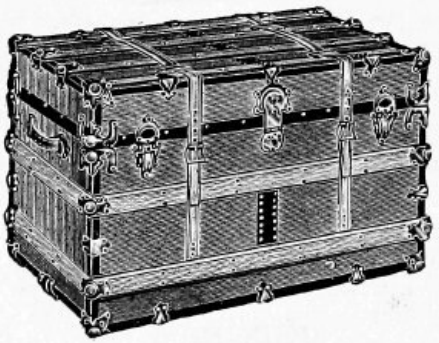
Length	28	30	32	34 in.
Weight	41	44	48	50 lbs.
Each	$5.50	6.00	6.50	7.00

Length	36	38	40 in.
Weight	55	59	63 lbs.
Each	$7.50	8.00	8.50



No. 2711—Flat top, painted canvas cover, heavy sheet iron binding, brass trimmings, hardwood slats, heavy leather straps and loops, brassed monitor lock, patent bolts, heavy strap hinges, strong sheet iron bottom, set-up tray, hat box, side compartment, separately covered.

Length	28	30	32	34	36	38 in.
Weight	43	46	48	50	55	59 lbs.
Each	$7.50	8.00	8.50	9.00	9.50	10.00

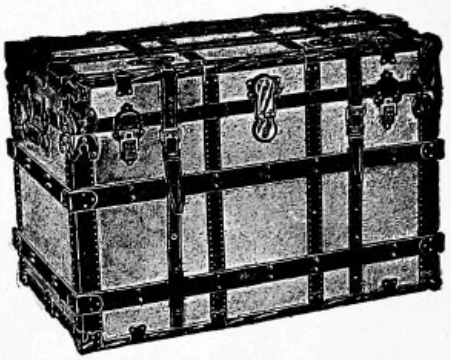


No. 5766—Flat top, heavy canvas cover, painted extra heavy hardwood slats, sole leather straps, brass trimmings, valance set, edges protected with angle steel binding, large bolts, brass excelsior lock strap hinges, iron bottom, hinged tray, hat box, side compartment, cloth faced dress tray.

Length	32	34	36	38	40 in.
Weight	50	56	60	65	70 lbs.
Each	$13.40	14.00	14.60	15.20	15.80

No. 3744—Slightly rounded top, mottled fibre bound, canvas covered, two center bands, brass dome trimmings, valance set, excelsior lock, sole leather straps, strap hinges, tray with two compartments, folding lid, dress tray.

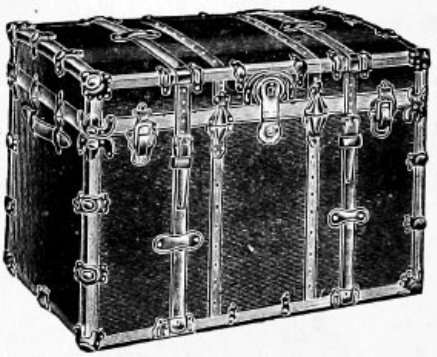
Length	32	34	36	38	40 in.
Weight	52	55	58	61	66 lbs.
Each	$15.00	15.60	16.20	16.80	17.40



No. 368—Slightly rounded three-ply veneer top, cover of extra quality painted canvas, heavy sheet iron binding, double center bands, two heavy sole leather straps, fancy loops, strip clamps, best malleable iron corner bumpers, special brassed excelsior lock, heavy lifter bolts, strong strap hinges, heavy valance set, combination dowel bolt and handle loop, extra deep hinged tray, hat box and other compartments with folding lids, cloth faced.

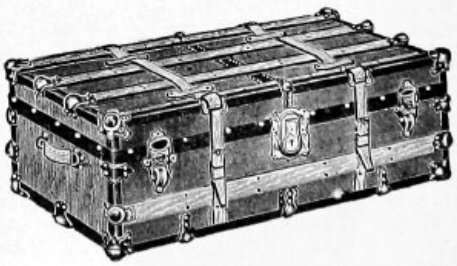
Length	32	34	36 in.
Weight	67	70	73 lbs.
Each	$19.00	19.80	20.60

Length	38	40 in.
Weight	76	80 lbs.
Each	$21.40	21.90



No. 3144—Rounded top, no slats, karatol covered, two center bands, finished with nails, sole leather straps, new style strap loops, edges bound with bronzed steel binding, stitched leather sliding handles, brass dome trimmings, tray with two compartments, folding lid, dress tray, full cloth lined.

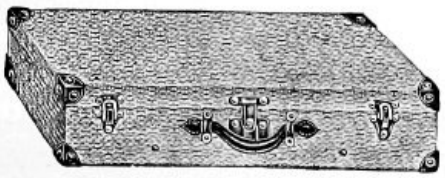
Length	32	34	36	38	40 in.
Weight	62	64	66	68	72 lbs.
Each	$24.70	25.70	26.70	27.70	28.70



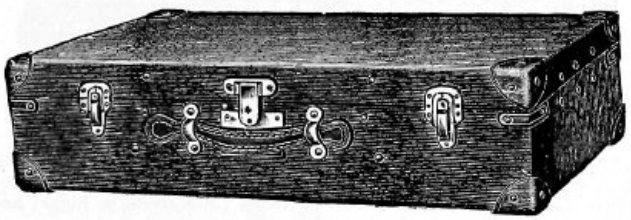
No. 2866—Flat top, steamer, painted canvas cover, brass plated trimmings, edges entirely bound with angle steel, brass plated monitor lock, set up tray, cloth faced, heavy sole leather straps.

Length	32	34	36	38 in.
Weight	40	43	46	49 lbs.
Each	$11.50	12.00	12.50	13.00

DRESS SUIT CASES.

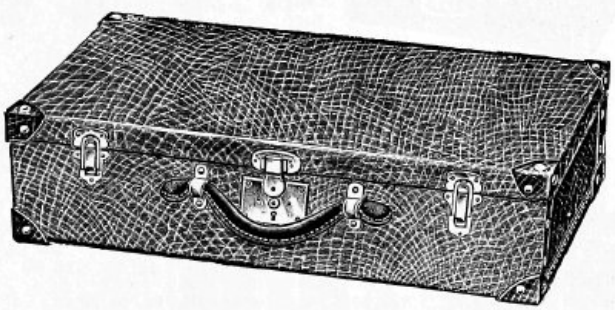


No. S10—24 in., one piece matting, with reinforced corners, plaid lining ..... each $3.80

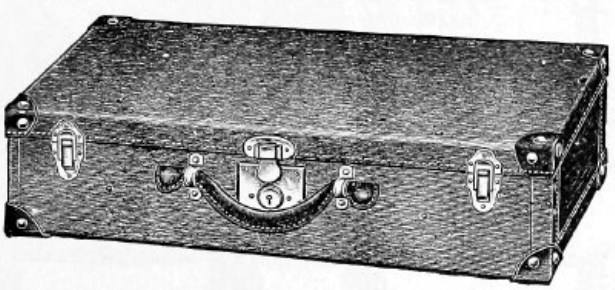


No. 95—Steel frame, covered with vellum cloth, leather handle, brass finished lock and catches, reinforced corners, cloth lining, and inside straps.

Length	22	24	26 in.
Each	$2.00	2.30	2.30

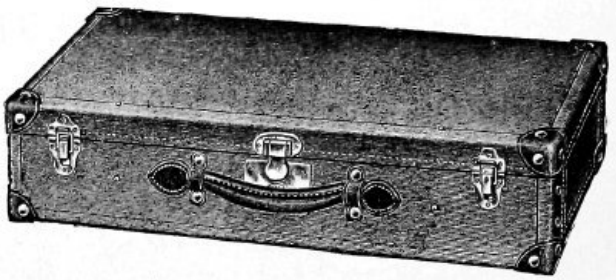


No. 12—24 in., strong steel frame, imitation alligator, with leather reinforced corners, brass lock and catches, round leather handle, inside straps, cloth lined ..... each $2.70



No. 29—Strong steel frame, extra heavy walrus grain karatol, solid leather reinforced corners, with large rivets, new pattern lock, brass catches, straps in body, lined with cloth.

Length	22	24	26 in.
Each	$3.50	4.00	4.60

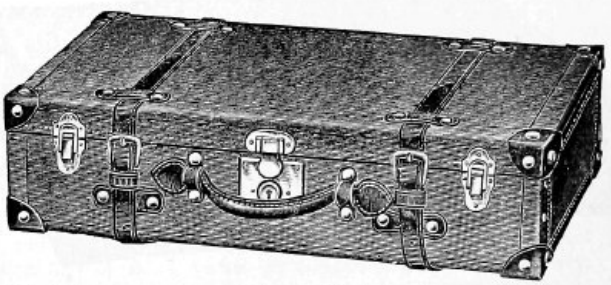


No. 20—Steel frame, cowhide leather, lined with Irish linen, heavy sole leather corners, solid brass lock, 3 hinges, heavy anchor handle, brass catches, hand creased, inside straps in both top and body.

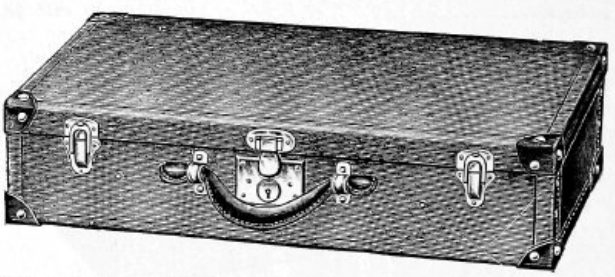
Length	24	26 in.
Each	$8.50	9.00

No. 20½—With shirt fold, otherwise same as No. 20.

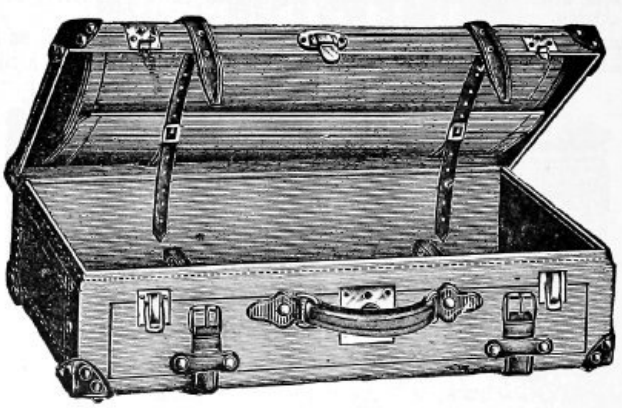
Length	24	26 in.
Each	$9.00	9.50



No. 23—24 in., extra heavy leather, with both straps and catches, large bell rivets, raw edge, four indesi straps, linen lined ..... each $7.80



No. 26—24 in long, 6 in. deep, steel frame, heavy leather, cowhide reinforced corners, three brass hinges, brass lock and catches, neat leather handle, large studs, two inside straps, linen lined ..... each $6.00

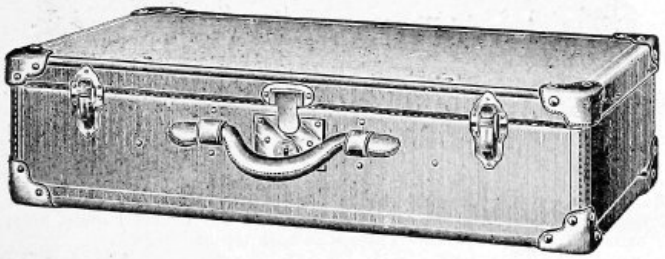


No. 108—Steel frame, cowhide leather, lined with fine quality Holland linen, depth 6 in., shirt pockets and four inside straps, corners reinforced with heavy leather protectors, large double rivets all around, hand stitched, brass trimmed, wide leather straps around body.

Length	24	26 in.
Each	$13.00	14.00

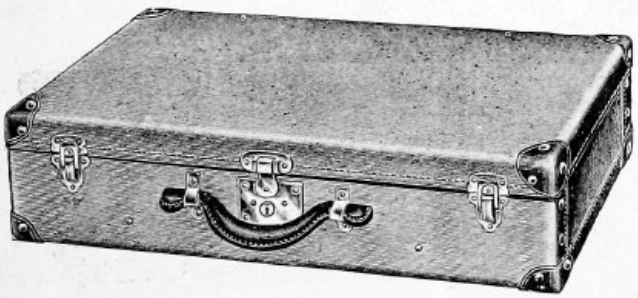
DRESS SUIT, SCHOOL BOOK AND TELESCOPE CASES, ETC.

DRESS SUIT CASES.

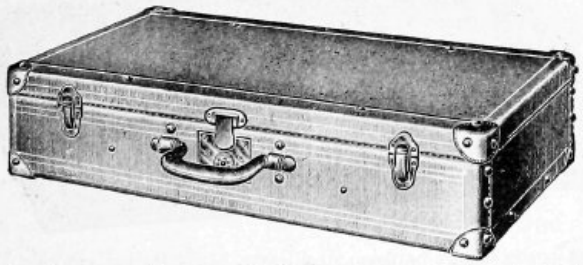


No. 54—Steel frame, heavy cowhide leather, Irish linen lined, solid leather cut-out corners, brass lock, 3 hinges, copper rivets, brass catches.

Length	24	26 in.
Each	$13.30	14.50

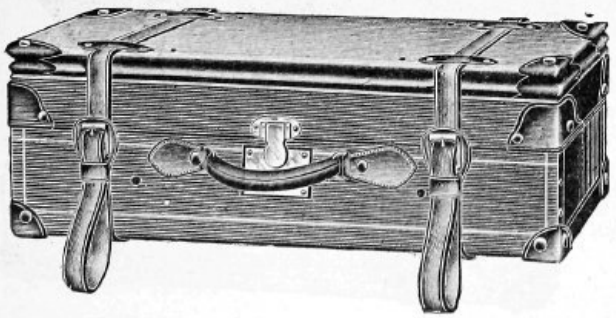


No. 103—Strong steel frame, leather, linen lined, full 6 in. deep, 24 in. long, equipped with shirt fold with straps, reinforced at corners, large round head rivets, brass lock and catches, 3 hinges on back ..... each $6.50



No. 40—Heavy steel frame, made of heavy cowhide leather, leather lined with shirt fold and straps in body, corners reinforced and riveted 6 in. deep, strongly stitched and hand creased, extra large rivets, brass catches.

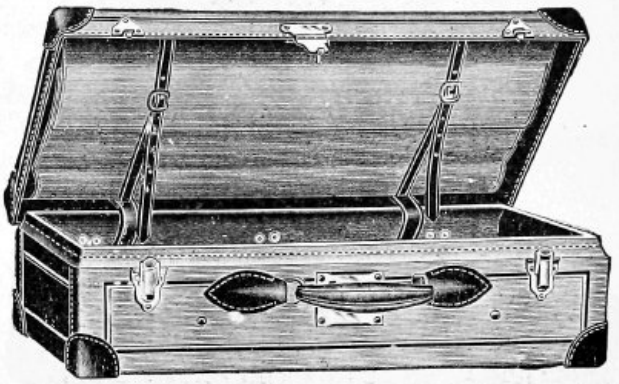
Length	24	26 in.
Each	$12.50	12.70



No. 45—Bellows valise, steel frame, cowhide leather, linen lined, depth 10 in., expanded, solid leather corners, with large brass rivets, outside body straps, hand made leather handle, brass lock, loose following board inside.

Length	24	26 in.
Each	$19.00	20.00

DRESS SUIT CASES.



No. 50—Steel frame, 4 oz. heavy cowhide leather, leather lined, with shirt fold, strap in body, hand sewed corners, edges and handle, extra heavy brass side snap lock, heavy brass catches, solid rivets in hinges and straps, stay straps to hold cover when case is open.

Length	24	26 in.
Each	$20.00	21.00

SCHOOL BOOK CASES.

No. 90—CHILDREN'S, fine walrus grain black karatol, nickel lock and catches, swing handle, heavy leather corners, linen lined, bottom straps.

Length	14	16	18 in.
Each	$2.60	2.80	3.00

TELESCOPE CASES.

No. 501—Medium weight, canvas covered, cloth lined, leather tips, leather handle, grain leather outside straps and loops, 3 straps on all large sizes.

Length	14	16	18	20 in.
Per dozen	$5.50	7.00	9.00	10.90
Length	**22**	**24**	**26 in.**	
Per dozen	$12.50	14.50	16.00	

No. 501—Nest of seven, 14 to 26 in., per nest $7.00

BAG TAGS.

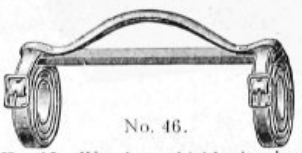
No. 15.

No. 15—4×1¾ in., smooth leather, single panel, mica front, ..per dozen $1.50

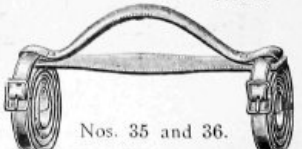
No. 1—5×2¼ in., smooth leather, double panel, mica front, per dozen 2.50

No. 1.

SHAWL STRAPS.



No. 46.



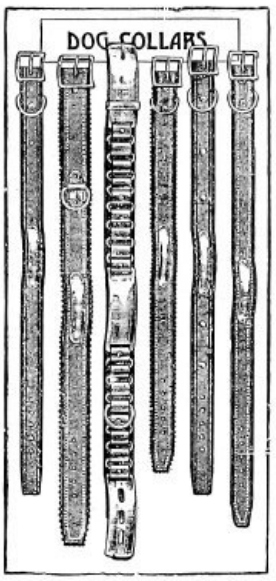
Nos. 35 and 36.

No. 46—Wooden shield, leather covered, rattan filled handle, ½ in.×3 ft. leather strap, russet or brown color ..... per dozen $3.00

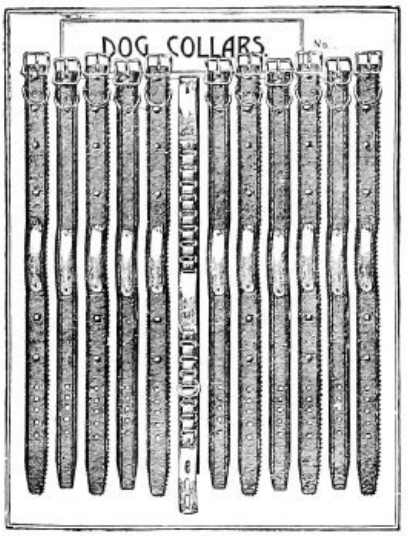
No. 35—8 in. wood shield, leather covered, rattan filled handle, riveted on, ⅝ in.×3½ ft. leather strap, orange color, ... per dozen 5.00

No. 36—9 in. wood shield, leather covered, rattan filled handle, riveted on, ¾ in.×4 ft. leather strap, orange color ..... per dozen 8.00

DOG COLLARS ON CARDS.



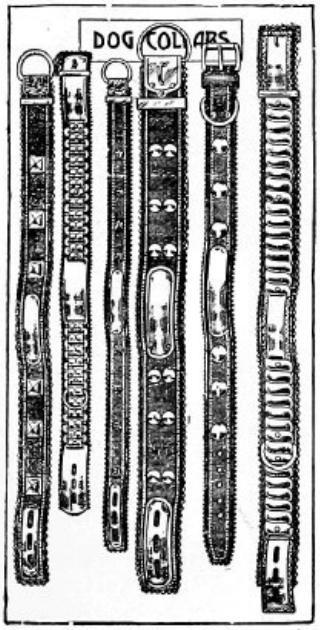
No. H.



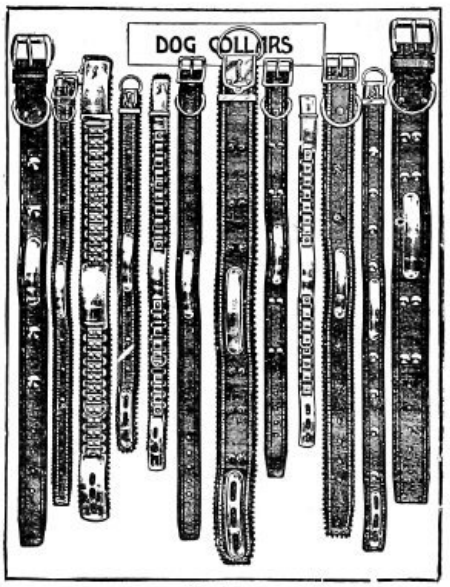
No. J.

No. H Assortment—Consisting of 6 fancy collars, assorted russet, red and green, including 3 plain leather with nickel plated name plates, sizes ¾X15, 17¾ and 15¾ in., 2 flannel lined, with nickel plated name plates, sizes 1X17¾ and ¾X18 in., 1 nickel plated chain, plain leather body, size 1X15¼ in., card 9X19½ in., - - - - - - - - - - per assortment $3.00

No. J Assortment—Consisting of 12 fancy leather collars, assorted russet, red and green, including 5 plain leather with nickel plated name plates, sizes ⅝X14 in., 6 flannel lined, nickel plated studs, size ⅝X14 in., 1 nickel plated chain, plain leather body, ⅝X9¼ in., card 12½X16X½ in., - - - - - - - - - - - - - - per assortment 3.50



No. G.

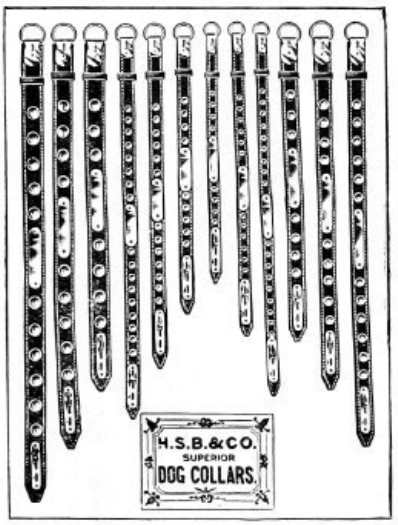


No. F.

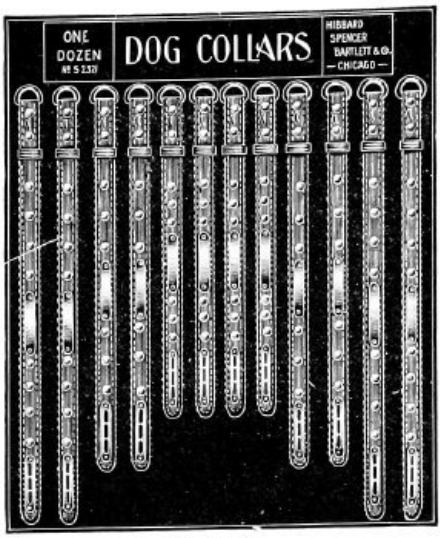
No. G Assortment—Consisting of 6 large fancy collars, assorted russet, red and green, flannel lined, including 4 leather nickel plated studs, sizes 1X18, ¾X18, 1½X21, 1X17½ in., 2 nickel plated chains, leather body, sizes 1X19 and 1X17 in., card 12X21 in., per assortment, - $5.00

No. F Assortment—Consisting of 12 fancy collars, assorted russet, black, drab, red, blue and green, including 5 plain leather, nickel plated and brass studs, sizes 1X19½, ¾X16, ¾X18 and 1¼X20 in., 4 flannel lined, nickel plated studs, sizes ⅝X15½, ⅝X13¼, 1¼ X 20 and 1 X 17½ in., 3 nickle plated chains, leather bodies, sizes 1½ X 18, ⅝ X 11 and ¾ X 11 in., card 14½X22 in., - - - - - - - - - - - - - - - - per assortment 6.00

DOG COLLARS ON CARDS.



No. 102½.

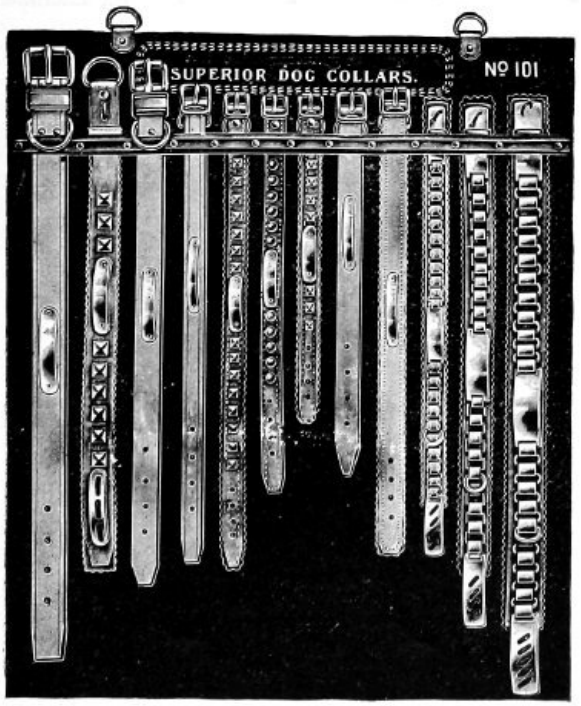


No. S2321.

No. 102½ Assortment—Consisting of 12 double stitched fancy leather collars, assorted red, blue and maroon, large nickel plated studs, 1 each ⅜×9, 11 and 13 in., ½×10, 12 and 14 in., ⅝×11, 13 and 15 in., ¾×13, 15 and 17 in., card 14×18 in., per assortment, - $7.00

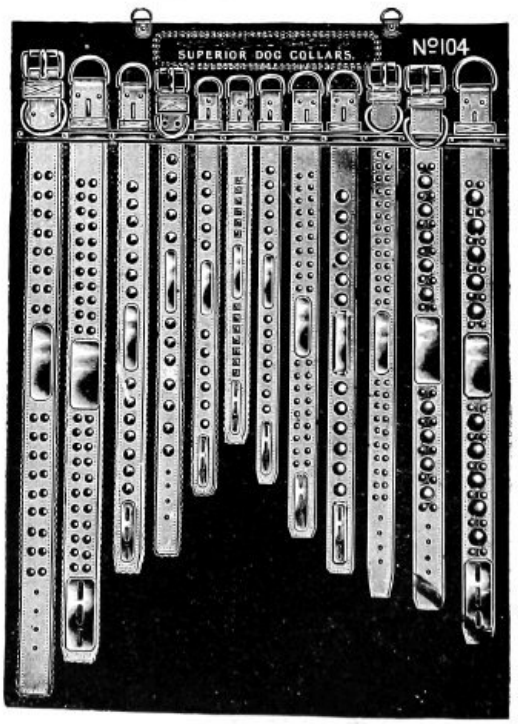
No. S2321 Assortment—Consisting of 12 high grade, fine quality russet leather collars, trimmed with round nickel plated studs, red flannel lined, assorted 11, 13 and 15×⅝ in., to lock, - - - - - - - - - - - - per assortment 6.00

REV-O-NOC H.S.B.&CO.



No. 101.

REV-O-NOC H.S.B.&CO.

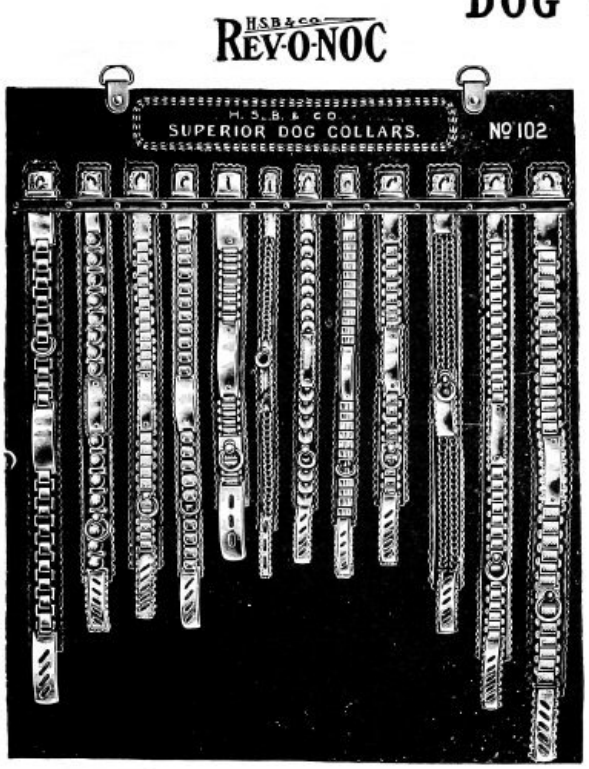


No. 104.

No. 101 Assortment—"Rev-o-noc," consisting of 12 leather collars, including 4 plain leather, sizes 15×⅝, 19×¾ and 21×1 in., 5 flannel lined, with gilt studs, sizes 11×½, 13×½ and 17×¾ in., 3 nickel chains, leather lined, sizes 11×½, 13×¾ and 15×⅞ in., card 16×18½ in., - - - - - - - - - - - - - - - - - - per assortment $ 5.00

No. 104 Assortment—"Rev-o-noc," consisting of 12 large, extra fine English leather stitched collars with large nickel plated studs, half have double leather lining, the balance are flannel or chamois lined, sizes 13×¾, 15×¾, 19×1, 19×1⅛ and 23×1¼ in., card 18½×20 in., - per assortment, 12.00

DOG COLLARS.

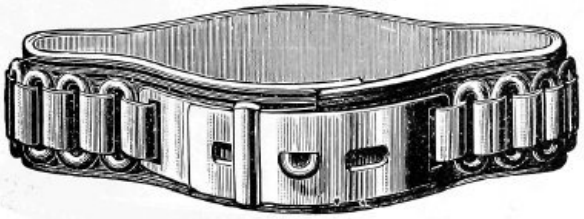


No. 102 Assortment—"Rev-o-noc," consisting of 12 fancy chain collars, leather and flannel lined, assorted nickel and gilt, sizes, 9X½, 11X⅜, 11X½, 11X⅝, 13X⅝, 13X⅞, 15X⅞ in., card 16X18½ in., per assortment $7.00

No. 460—Nickel plated, square link, lined with russet or black leather, with ring, assorted, 11, 13 and 15×⅝ in., per dozen, - - - - - - - - - $3.50

No. 1460—Nickel plated, square link, lined with russet or black leather and scalloped chamois, with ring, assorted, 11, 13 and 15×⅝ in., - - - - per dozen 4.50

ONE DOZEN IN A BOX.

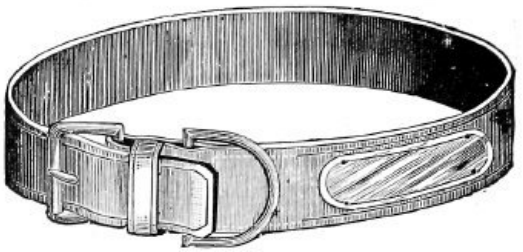


No. 65—Nickel plated, square link, unlined, with ring, assorted, 16, 18 and 20×1 in., - - per dozen $3.50

No. 465—Nickel plated, square link, lined with russet or black leather, with ring, assorted, 16, 18 and 20×1 in., per dozen, - - - - - - - - - 5.00

No. 1465—Nickel plated, square link, lined with russet or black leather and scalloped chamois, with ring, assorted, 16, 18 and 20×1 in., - - - - - per dozen 7.00

ONE DOZEN IN A BOX.



Black or Russet Leather, Nickel Plated Trimmings, to Buckle.

No. 1—Assorted, 9, 11 and 13× ½ in., - per dozen $1.60
No. 2—Assorted, 11, 13 and 15× ⅝ in., - " 2.00
No. 4—Assorted, 14, 16 and 18× ¾ in., - " 3.00
No. 5—Assorted, 16, 18 and 20×1 in., - " 3.50
No. 7—Assorted, 18, 20 and 22×1¼ in., - " 4.50
No. 8—Assorted, 22, 24 and 26×1½ in., - " 5.50

ONE DOZEN IN A BOX.

Black or Russet Leather, Nickel Plated Trimmings, to Lock.

No. 04—Assorted, 14, 16 and 18× ¾ in., - per dozen $3.50
No. 05—Assorted, 16, 18 and 20×1 in., - " 4.00
No. 07—Assorted, 18, 20 and 22×1¼ in., - " 5.50

ONE DOZEN IN A BOX.

Selected Single Harness Leather, Russet or Black, Nickel Plated Trimmings, Fancy Nickel Studs, to Buckle.

No. 012—Assorted, 13, 15 and 17×¾ in., - per dozen $5.60
No. 013—Assorted, 17, 19 and 21× 1 in., - " 7.00

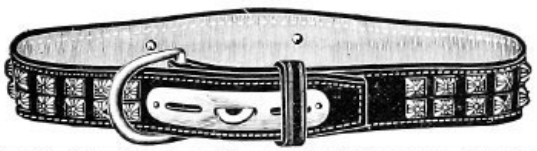
ONE DOZEN IN A BOX.

"Rev-o-noc," Ooze Calf, Assorted Colors, Nickel Studs, Name Plate and Trimmings, to Lock.

No. 52—Assorted, 11, 13 and 15×⅝ in., - per dozen $ 6.50
No. 53—Assorted, 13, 15 and 17×¾ in., - " 8.00
No. 55—Assorted, 17, 19 and 21× 1 in., - " 10.50

ONE DOZEN IN A BOX.

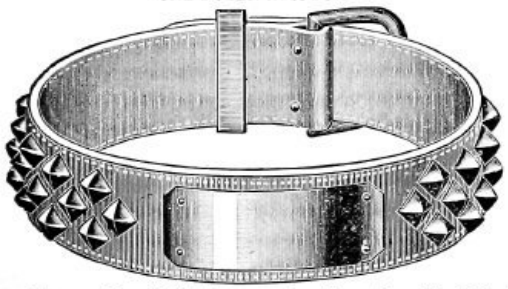
REV-O-NOC DOG COLLARS.



Extra Quality Black or Russet Bridle Leather, Lined with Chamois, Scalloped Edges, Polished Brass or Nickel Plated Trimmings, Fancy Nickel and Brass Studs, to Lock.

No. 476—Assorted, 17, 19 and 21×1 in., - per dozen $11.50
No. 477—Assorted, 21, 23 and 25×1¼ in., - " 16.00

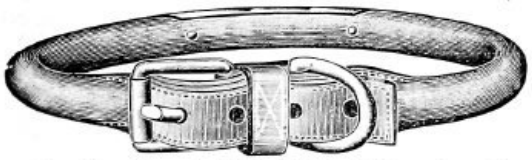
ONE DOZEN IN A BOX.



Extra Heavy English Harness Leather, Double Stitched, Nickel Trimmings, Fancy Nickel and Gilt Studs, to Lock.

No. 250—Assorted, 25, 27 and 29×2 in., - per dozen $36.00
No. 290—Assorted, 25, 27 and 29×3 in., - " 48.00

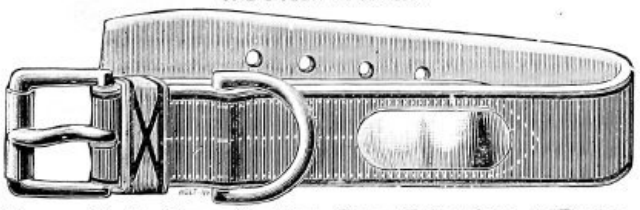
No. 250 HALF DOZEN, No. 290 QUARTER DOZEN IN A BOX.



Russet Leather, Round, Nickel Plated Trimmings, Round Name Plate, to Buckle.

No. 1526—Assorted, 17, 19 and 21×½ in., - per dozen $10.00

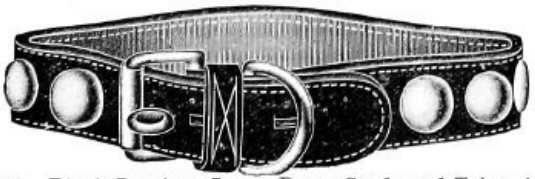
ONE DOZEN IN A BOX.



Heavy, Single, Cream Leather, Brass Trimmings, to Buckle.

No. 1578—Assorted, 19, 21 and 23×1 in., - per dozen 9.00

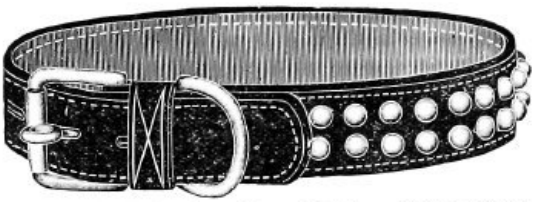
ONE DOZEN IN A BOX.



Double, Black Leather, Large Brass Studs and Trimmings, Lock Tongue Buckle to Lock or Buckle.

No. 1495—Assorted, 13, 15 and 17×¾ in., - per dozen $9.00
No. 1680—Assorted, 17, 19 and 21×1 in., - " 10.50
No. 1681—Assorted, 19, 21 and 23×1¼ in., - " 12.00

ONE DOZEN IN A BOX.



Double, Black Leather, Brass Studs and Trimmings, Lock Tongue Buckle to Lock.

No. 1496—Assorted, 14, 16 and 18×⅞ in., - per dozen $10.00
No. 1497—Assorted, 17, 19 and 21×1 in., - " 12.00
No. 1498—Assorted 21, 23 and 25×1¼ in., - " 16.00

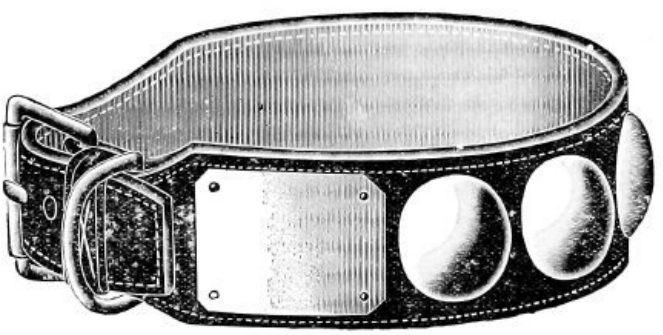
Nos. 1497 and 1498 have a row of larger studs in the center in addition to the double row of small studs shown in cut.

ONE DOZEN IN A BOX.

Double, Cream Leather, Double Row of Studs, Protection Spikes at Short Intervals, Nickel Plated Trimmings, to Lock.

No. 1620—Assorted 15, 17 and 19×1¼ in., - per dozen $20.00

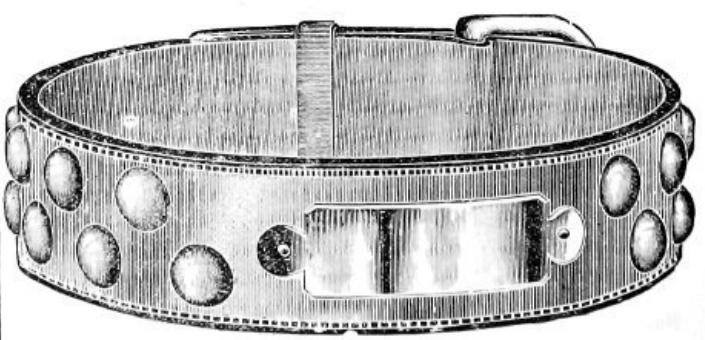
ONE DOZEN IN A BOX.



Double, Black Leather, Large Brass Studs and Trimmings to Buckle.

No. 1752—Assorted 16, 18 and 20×1½ in., - per dozen $18.00
No. 1753—Assorted 17, 19 and 21×2 in., - " 20.00

ONE DOZEN IN A BOX.



Double, Russet Leather, Double Stitched, Polished Brass Name Plate, Round Nickel Studs.

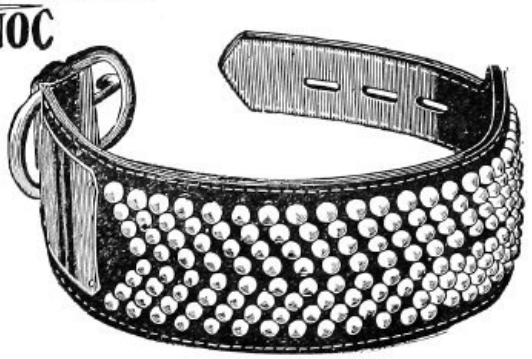
No. 485—Assorted 25, 27 and 29×2 in., - per dozen $30.00
No. 485B—Black leather, brass trimmed, otherwise same as No. 485, - " - - per dozen 30.00

ONE DOZEN IN A BOX.

DOG COLLARS.

H.S.B.&CO. REV-O-NOC

No. 7470.

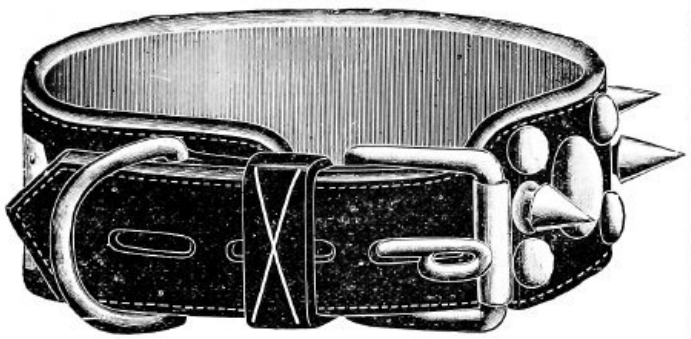


No 7472.

No. 7470—Finest double black or russet harness leather, double stitched, polished name plate, four rows of polished brass or nickel plated stud trimmings, with eye tongue, to buckle and lock, assorted 15, 17 and 19×1¼ in., - - - - per dozen $24.0

No. 7472—Finest double black harness leather, double stitched, polished brass name plate, eight rows of polished brass stud trimmings, with eye tongue, to buckle and lock, assorted 17, 19 and 21×2 in., - - - - - - - - per dozen 36.0C

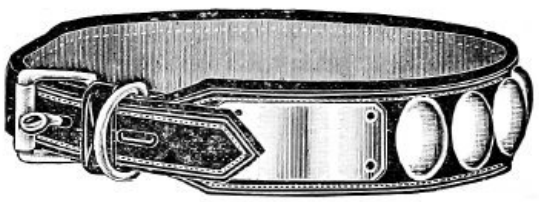
ONE DOZEN IN A BOX.



Double, Black Leather, Large and Small Brass Studs and Trimmings, Brass Protection Spikes at Short Intervals, with Eyed Tongue, to Buckle and Lock.

No. 3108—Assorted 16, 18 and 20×1½ in., - per dozen $22.00

ONE DOZEN IN A BOX.



Double, Black Leather with Large Oval Brass Studs and Trimmings, Tongue Buckle to Lock and Buckle.

No. 1885—Assorted 13, 15 and 17× ¾ in., - per dozen $12.00

No. 1886—Assorted 14, 16 and 18×1 in., - " 14.00

No. 1887—Assorted 17, 19 and 21×1¼ in., - " 16.00

DOG COLLARS.

Black Leather, Unlined, Large Round Brass Studs, Lock Tongue Buckle, to Lock or Buckle.

No. 5121—Assorted, 11, 13 and 15× 5/8 in., - per dozen $4.00
No. 5131—Assorted, 13, 15 and 17× 3/4 in., - " 5.50
No. 5151—Assorted, 15, 17 and 19×1 in., - " 6.75
No. 5161—Assorted, 19, 21 and 23×1 1/4 in., - " 9.00

ONE DOZEN IN A BOX.

Red or Blue Leather, Chamois Lined, Fancy Nickel Studs, to Lock.

No. S2614—Assorted, 10, 11½ and 13×½ in., per dozen $6.00
No. 2626—Assorted, 10, 12 and 14×5/8 in., " 7.00

ONE DOZEN IN A BOX.

No. S2321—Russet leather, red felt lined, round nickel plated studs, to lock, assorted, 11, 13 and 15×5/8 in., per dozen, - - - - - - - - $3.75

ONE DOZEN IN A BOX.

No. S2422½—Cream leather, chamois lined, round and diamond fancy nickel plated studs, to lock, assorted, 11, 13 and 15×5/8 in., - - - per dozen $3.75

ONE DOZEN IN A BOX.

Russet Leather, Red Felt Lined, Round and Diamond Fancy Brass Studs, to Lock.

No. S2325¼—Assorted, 11, 13 and 15×5/8 in., per dozen $4.00
No. S2335¼—Assorted, 13, 15 and 17×3/4 in., " 4.50
No. S2355¼—Assorted, 15, 17 and 19×1 in., " 5.00

ONE DOZEN IN A BOX.

Black Leather, Chamois Lined, Round and Diamond Fancy Brass Studs, to Lock.

No. S2825¼—Assorted, 11, 13 and 15×5/8 in., per dozen $6.00
No. S2835¼—Assorted, 13, 15 and 17×3/4 in., " 7.00
No. S2855¼—Assorted, 15, 17 and 19×1 in., " 9.00

ONE DOZEN IN A BOX.

Cream Leather, Chamois Lined, Round Nickel Studs, Fancy Style, to Lock.

No. S2434—Assorted, 13, 15 and 17×3/4 in., - per dozen $6.00
No. S2454—Assorted, 15, 17 and 19×1 in., - " 6.75

ONE DOZEN IN A BOX.

No. 1142—"Rev-o-noc," extra quality leather, lined with chamois, scalloped edges, nickel plated studs and 2 bells, to lock, assorted, 11, 13 and 15×5/8 in., - per dozen $12.00

ONE DOZEN IN A BOX.

No. 1031—"Rev-o-noc," fancy colored morocco leather, lined with chamois, scalloped edges, nickel plated trimmings, 4 to 6 bells, assorted, 9, 11 and 13×½ in., per dozen - - - - - - - - - $15.00

ONE DOZEN IN A BOX.

DOG HARNESS.

Nos. 71 and 2238.

No. 2200.

No. 71—Harness leather, lined with chamois, scalloped, gilt or nickel plated studs and bells, 5/8 in. wide, per dozen $24.00
No. 2238—Harness leather, lined with red or blue felt, ornamented with gilt or nickel studs and bells, scalloped edges, 3/8 in. wide, - - - - per dozen 18.00
No. 2240—5/8 in. wide, otherwise same as No. 2238, " 21.00
No. 2242—3/4 in. wide, otherwise same as No. 2238, " 24.00
No. 2200—Double leather bull dog harness, black, trimmed with large round brass studs, 1 in. wide, extra strong and heavy, - - - - - - per dozen 42.00

HALF DOZEN IN A BOX.

DOG SHOES.

By the aid of shoes, a dog can do constant and active service under all conditions without becoming foot-sore. A dog becomes accustomed to them in a short time and will never afterward willingly go barefoot.

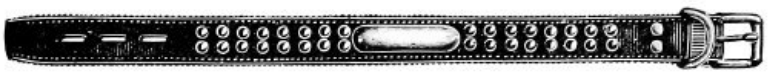
No. 3—Rawhide soles, soft leather uppers, well stitched, fleece lined tops, laced. - per set $5.00

DOG COLLARS.

Black Leather, Flannel Lined, Scalloped Edge, Fancy Brass Studs, Lock Tongue Buckle to Lock or Buckle.

No. S5225¾—Assorted 11, 13 and 15×⅝ in., - - - - - - - - - - - - - - - - per dozen $7 50
No. S5235¾—Assorted 13, 15 and 17×¾ in., - - - - - - - - - - - - - - - - " 9.00
No. S5255¾—Assorted 15, 17 and 19×1 in., - - - - - - - - - - - - - - - - " 12.00

ONE DOZEN IN A BOX.



No. 5852.

Fine Grade Black Leather, Chamois Lined, Scalloped Edge, Round Brass Studs, Lock Tongue Buckle to Lock or Buckle.

No. 5822—Assorted 11, 13 and 15×⅝ in., - - - - - - - - - - - - - - - - per dozen $9.00
No. 5832—Assorted 13, 15 and 17×¾ in., - - - - - - - - - - - - - - - - " 12.00
No. 5852—Assorted 15, 17 and 19×1 in., - - - - - - - - - - - - - - - - " 15.00

ONE DOZEN IN A BOX.

No. 5823¾.

No. 65426.

No. 5823¾—Black leather, fancy nickel studs, chamois lined, lock tongue buckle to lock or buckle, assorted 11, 13 and 15×⅝ in., per dozen, - $12.00
No. 65426—Fine grade leather, blue and red, fancy cluster nickel studs, chamois lined, lock tongue buckle to lock or buckle, assorted 11, 13 and 15×⅝ in., - per dozen 12.00

ONE DOZEN IN A BOX.

No. 5423.

No. 9742⅜

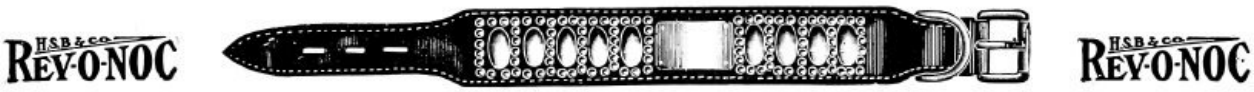
No. 5423—Fine cream leather, chamois lined nickel studs, lock tongue buckle to lock or buckle, assorted 11, 13 and 15×⅝ in., per dozen, - $12.00
No 9742⅜—"Rev-o-noc," extra fine grade black double leather, pearl studs, entire length of collar surrounded by small brass studs, lock tongue buckle to lock or buckle assorted 13, 15 and 17×⅞ in., - - - - - - - - - - - - per dozen 36.00

ONE DOZEN IN A BOX.

No. 3797¼.

No. 3797¼—"Rev-o-noc," bull or terrier, heavy double black leather, lock tongue buckle, to lock or buckle, brass studs, assorted 16, 18 and 20X2 in., - per dozen $27.00

ONE DOZEN IN A BOX.



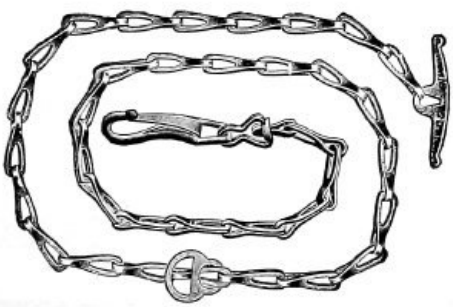
No. 3789⅝.

No. 3789⅝—"Rev-o-noc," bull or terrier, heavy double black leather, fancy brass studs, lock tongue buckle, to lock or buckle, assorted 16, 18 and 20X1¾ in., - per dozen $36.00

ONE DOZEN IN A BOX.

KENNEL CHAINS.

No. 15—NIAGARA, bright iron, heavy, for bull dogs, toggle and snap, length 54 in., - - - - - - - - per dozen **$3.75**



No. 5.

Nos. 02 and 12.

No. 5—AMERICAN, 54 in., wrought steel, - - - - - - - - - - - - - - - - per dozen **$2.50**
No. 02—TRIUMPH, 54 in., light steel wire, toggle and snap, - - - - - - - - - - - - " 2.25
No. 12—TRIUMPH, 72 in., heavy steel wire, 2 snaps and swivel, - - - - - - - - - - - - " 6.50

IMPORTED LEATHER DOG LEADS.

No. 2409.

Nos. 2400 and 2403.

No. 2409—Flat, 3/8 in., best quality leather with hand loop and nickeled steel swivel snap, 57 in., - - - - - - per dozen $4.00
No. 2400—Light, round, hand loop and nickeled swivel snap, 46 in., - - - - - - - - - - - - " 3.00
No. 2403—Medium, round, braided russet leather with hand loop and nickeled swivel snap, 48 in., - - - - - - - - - - - - " 4.50

ONE DOZEN IN A BOX.

DOG COUPLINGS.

No. 2—Heavy, nickel plated, 12 in., - per dozen $3.00
No. 3—Medium, nickel plated, 12 in., - " 2.75

ONE DOZEN IN A BOX.

DOG LEADERS.

No. 7—Bright safety link chain, swivel snap, with large finger ring, length 48 in., - - - - - per dozen $2.25

ONE DOZEN IN A BOX.

No. 8.

No. 11.

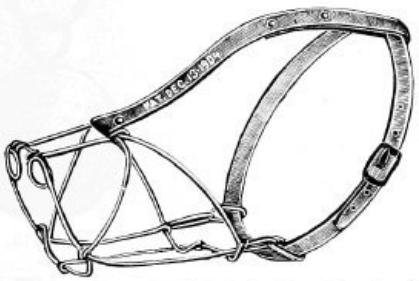
No. 8—Nickel plated steel chain, with snap and double finger ring, length 48 in., - - - per dozen $2.00

No. 11—TRIUMPH, silver finish, 48 in. long, - " 3.45

ONE DOZEN ON CARD IN BOX.

No. 03—Nickel plated, light steel wire, hand ring, swivel snap, length 48 in., - - - - - per dozen $2.00

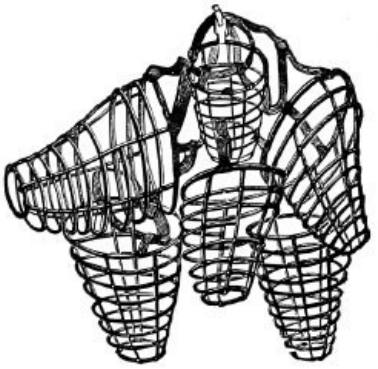
DOG MUZZLES.



No. 10—New safety, strong galvanized wire, strap head piece and collar, assorted six sizes, - - per dozen $6.00

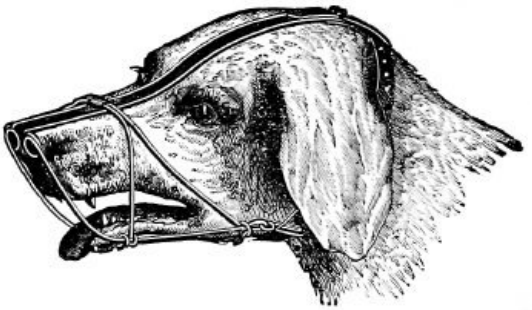
HALF DOZEN IN A NEST.

DOG MUZZLES.



No. 1 —Common, assorted sizes, - - per dozen $1.85

No. 1½—Common, assorted, three largest sizes, " 2.25

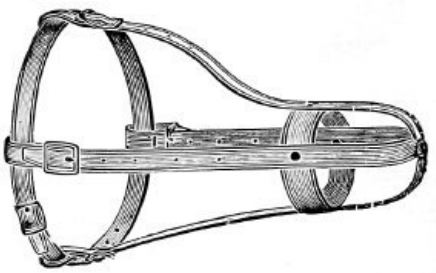


No. 2 —Safety, assorted sizes, - - - per dozen $1.85

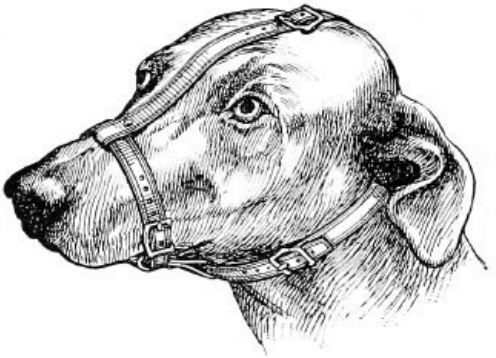
No. 2¼—Safety, assorted sizes, without nose piece, " 1 85

No. 2½—Safety, three largest sizes, - - " 2.25

No. 4 —Safety, assorted, for bull or pug dogs, " 1.85



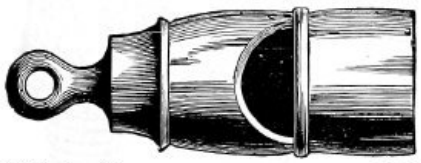
No. 5—Leather, assorted sizes, - - - per dozen $3.75



No. 6—Leather, riveted, 3 buckles, assorted sizes, per dozen $3.50

WHISTLES.

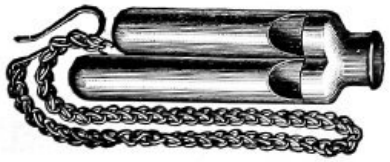
No. 0—Pewter, 1¾ in., - - - - per dozen $1.00
ONE DOZEN IN A BOX.



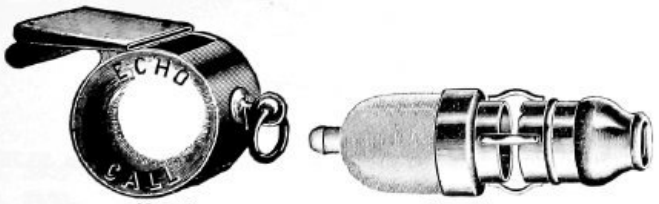
No. 2—Britannia, 2 in., - - - - per dozen $3.00
No. 4—Britannia, 2½ in., - - - - " 3.60
ONE DOZEN IN A BOX.

No. 5—White bone, 2¾ in., - - - per dozen $4.00
ONE DOZEN IN A BOX.

No. 22—Celluloid, assorted colors, 2 in., - per dozen $3.00
No. 24—Celluloid, assorted colors, 2½ in., - " 3.60
ONE DOZEN IN A BOX.



No. 72—DUPLEX, nickel plated, with chain, - per dozen $3.00

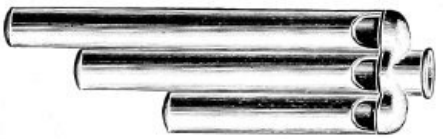


No. 16. No. 15.

No. 16—ECHO, nickel plated, - - - per dozen $3.00
No. 15—SURPRISE, nickel plated, rubber bulb, - " 3.50
ONE DOZEN IN A BOX.

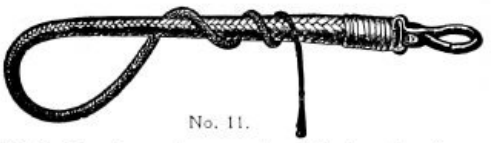
No. 101—MUNICIPAL POLICE CALL, solid brass tube, heavily nickel plated, ring in end to attach to chain or key ring, with chain, - - - - - per dozen $6.00
This whistle can be heard at a distance of two to three miles on a still night. It has been adopted by the New York City police force.
TWO DOZEN IN A BOX.

No. 11—UNIVERSAL, large, with chain, - per dozen $3.50
No. 12—UNIVERSAL, small, with chain, - " 3.00
No. 13—UNIVERSAL, medium, with chain, - " 3.00
ONE DOZEN IN A BOX.



No. 73—Triplex, nickel plated, with chain, - per dozen $9.00
ONE DOZEN IN A BOX.

DOG WHIPS.



No. 11.

No. 16—Plaited leather, wire wound red leather handle, per dozen, - - - - - - - - - $5.00
No. 8—Braided leather, wood handle, loaded butt, per dozen 6.50
No. 11—Plaited and twisted, with snap, - - " 7.50

DOG COLLAR BELLS.

No. 102.

No. 105.

No. 110.

No. 102—Small, nickel plated, - - - per dozen $1.00
No. 105—Small, fancy gilt, - - - " 1.20
No. 110—Small, nickel plated, - - - " 1.20
ONE DOZEN IN A BOX.

No. 117.

No. 118.

No. 117—Medium, fancy gilt, - - - per dozen $2.00
No. 118—Large, nickel plated, - - - " 3.00
ONE DOZEN IN A BOX.

DOG COLLAR PADLOCKS, DOG REMEDIES, ETC.

DOG COLLAR PADLOCKS.

No. 2G.

Nos. 27G and 28G.

No. 2G—3/8 in., brass, brass key, per dozen $2.50

No. 27G—7/8 in., nickel plated, self-locking, nickel plated key.....per dozen 3.50

No. 28G—15/16 in., polished brass, self-locking, brass key.....per dozen 3.10

Well made and finely finished.

ONE DOZEN IN A BOX

No. 30G—STAR, 7/8 in., bronze metal, spring, flat key.....per dozen $3.00

ONE DOZEN IN A BOX.

11G.

12G.

No. 11G—5/8 in., nickel plated, self-locking, spring shackle, nickel plated key, per card..... $2.50

No. 12G—5/8 in., nickel plated, self-locking, spring shackle, nickel plated key, per card..... 2.80

ONE DOZEN ON A CARD; ONE CARD IN A BOX.

No. 113G—SECRET, 5/8 in., nickel plated, self-locking, spring shackle, no key required, card 6¼×7 in.....per card $0.90

ONE DOZEN IN A BOX.

DOG COLLAR PADLOCKS.

No. 4014G—5/8 in., brass, buffed, self-locking, spring shackle.....per card $2.90

ONE DOZEN IN A B X.

DOG COLLAR PADLOCK ASSORTMENTS.

No. 1540G—Consisting of one dozen assorted ½, 5/8 and ¾ in., nickel plated brass, on easel back card, per assortment $2.00

No. G08—Consisting of one dozen, four No. 11G, four No. 12G and four circular locks smaller than No. 11G, on easel back card.....per assortment $2.00

DOG REMEDIES.

Dent's Distemperine, a positive cure for distemper, liquid.....per bottle $0.60

Dent's Condition Pills, the wonderful alterative and tonic, in boxes.....per box .60

Dent's Vermifuge, destroys the worm without injury to the dog, liquid, per bottle ..... .60

Vermifuge, in capsules..... per box .60

Dent's Tapeworm Expeller, safe and sure, powder.....per box .60

Dent's Skin Cure, for mange, eczema and all skin diseases, liquid.....per bottle .60

Dent's Mange Cure, liquid..... " .60

Dent's Blood Purifying Pills, cool, cleanse and purify the blood, in boxes...per box .60

Dent's Laxative Pills, cure chronic constipation, in boxes.....per box .60

Dent's Eye Lotion, for weak eyes, reduces ulceration, etc., liquid.....per bottle .60

Dent's Canker Lotion, for all diseases of the ear, deafness, etc., liquid.per bottle .60

Dent's Diarrhoea Cure, liquid.. " .60

Dent's Shampoo, a delightful preparation for washing dogs, lathers profusely, sure death to lice and fleas, relieves all irritation, leaves the coat clean and glossy and promotes a vigorous growth of hair, in cans .....per can .20

Dent's Dog Soap, of unequaled merit, per cake..... .30

Dent's Fleacide Soap, kills lice, ticks and fleas .....per cake .12

Dent's Germol, the king of disinfectants, liquid .....per bottle .30

Dent's Cure for Fits, liquid.... " .60

DOG BREAD.

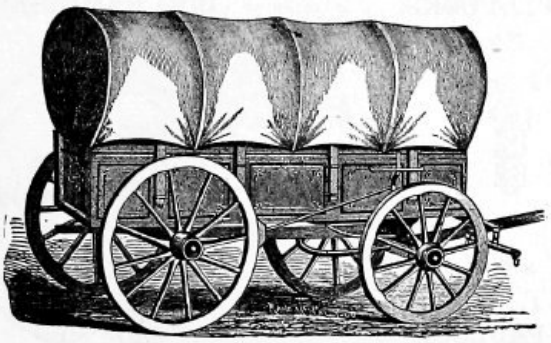
Spratt's Dog Bread, in bulk....per pound $0.12

Spratt's Dog Bread, in 50-lb. boxes, per pound ..... .12½

Spratt's Dog Bread, 50 cent cartons, about 6 lbs. each.....per carton .72

Spratt's Puppy Food, 10 cent cartons, about 1 lb.....per carton .15

WAGON COVERS, PAULINS AND DUCK.



We carry covers and paulins in three grades.

H.V.B.—This is our extra heavy and select quality. Made of the highest quality of duck. No pains have been spared to make articles in this grade superior in every way. **H.V.B.** grade goods are warranted.

Ajax—This is the recognized standard and made to meet the demand for an extra quality medium weight article of superior construction and at a moderate price. The canvas used is of extra quality, closely woven, and specially produced for this grade. We warrant every square yard of canvas used in Ajax grade goods to be as represented and weight as marked.

Standard—This is made to meet the popular demand for low priced goods. While the material used is light weight and the sizes are not as full as our other goods, nevertheless each article is well and serviceably made. The canvas used is of good quality, closely woven and specially produced for this grade.

WAGON COVERS.

Feet		10×12	10×13	10×14	10×15	10×16	11×13	11×14	11×15	11×16	12×14	12×16	12×18
8 oz., duck, single filling	each	$2.92	3.15	3.40	3.66	3.90	3.55	3.82	4.11	4.38	4.26		
10 oz., duck, single filling	"	3.66	3.96	4.27	4.57	4.89		4.82	5.16	5.53	5.35	6.11	
12 oz., duck, double filling	"											9.27	10.44

All wagon covers are carried in stock.

PLAIN WHITE CANVAS PAULINS, CARRIED IN STOCK.

Feet		7×15	10×16	16×20	20×30
8 oz., single filling	each	$	3.90		
10 oz., single filling	"	3.48	4.80	11.35	21.30
12 oz., single filling	"	4.66	6.70	14.68	26.84
12 oz., double filling	"	5.16	7.42	16.26	29.66

PLAIN WHITE CANVAS PAULINS—FACTORY SHIPMENT.

For Covering Harvesters, Binders, Threshing Machines, Stacks, Hay Cars and All Kinds of Merchandise.

Feet		7×12★	7×15★	10×16★	10×17★	10×18★	12×14★	12×16★	12×18★
8 oz., single filling	each	$2.26	2.82	3.90	4.15	4.40	4.25	5.00	5.50
10 oz., single filling	"	2.80	3.48	4.80	5.10	5.40	5.25	6.00	6.75
12 oz., single filling	"	3.78	4.66	6.70	7.10	7.54	7.34	8.36	9.44
12 oz., double filling	"	4.16	5.16	7.42	7.88	8.34	8.12	9.28	10.44

Feet		12×20★	14×16★	14×18★	14×20★	14×22★	14×24★	16×16★	16×18★	16×20★
8 oz., single filling	each	$ 6.15	6.50	7.30	8.15	8.95	9.75	7.45	8.35	9.30
10 oz., single filling	"	7.50	7.95	8.95	9.95	10.95	11.95	9.10	10.25	11.35
12 oz., single filling	"	10.48	10.08	11.32	12.60	13.86	15.10	11.80	13.24	14.68
12 oz., double filling	"	11.60	11.12	12.52	13.92	15.32	16.70	13.04	14.64	16.26

Feet		16×22★	16×24★	16×26★	16×28★	16×30★	18×20★	18×22★	18×24★	18×26★
8 oz., single filling	each	$10.20	11.15	12.05	13.00	13.95	10.45	11.50	12.55	13.60
10 oz., single filling	"	12.50	13.65	14.80	15.90	17.05	12.80	14.05	15.35	16.60
12 oz., single filling	"	16.18	17.64	19.10	20.56	22.04	16.82	18.48	20.17	21.84
12 oz., double filling	"	17.88	19.50	21.12	22.74	24.42	18.60	20.46	22.30	24.14

Feet		18×28★	18×30★	18×32★	18×36★	18×38★	18×40★	20×24★	20×30★	20×36★
8 oz., single filling	each	$14.65	15.65	16.70	18.80	19.85	20.90	13.95	17.40	20.90
10 oz., single filling	"	17.90	19.20	20.45	23.00	24.30	25.60	17.05	21.30	25.55
12 oz., single filling	"	23.52	25.20	26.86	30.22	31.88	33.56	21.48	26.84	32.16
12 oz., double filling	"	26.02	27.86	29.70	33.42	35.26	37.12	23.74	29.66	35.56

★*FOR FACTORY SHIPMENT ONLY.*

Note sizes which we carry in stock and can ship promptly.

WIDE COTTON DUCK.

Width		26	28	30	32	34	36	40	42	44	48	50 in.
No. 4	per yard.	$0.41	.45	.48	.51	.54	.57	.64	.67	.70	.76	.79
No. 6	"	.36	.39	.41	.44	.47	.50	.55	.58	.61	.66	.69
No. 8	"	.33	.35	.38	.41	.43	.45	.50	.53	.55	.60	.63
No. 10	"	.29	.31	.33	.36	.38	.40	.44	.47	.49	.53	.55

Width		54	60	66	72	80	84	90	96	100	108	120 in.
No. 4	per yard.	$0.86	.98	1.07	1.20	1.33	1.47	1.65	1.89	2.01	2.17	2.41
No. 6	"	.74	.85	.93	1.04	1.16	1.28	1.43	1.64	1.74	1.88	2.09
No. 8	"	.68	.77	.85	.95	1.05	1.16	1.30	1.47	1.57	1.69	1.88
No. 10	"	.60	.68	.75	.83	.93	1.01	1.13	1.28	1.36	1.47	1.63

ABOUT 100 YDS. IN A ROLL.

TENTS AND SHEETS.

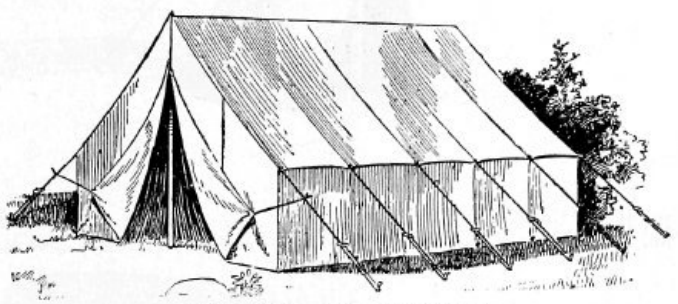
There are two essential features which enter into the cost of any article. The one is quantity and the other quantity. In establishing the standards for our different grades, we deemed it advisable to make quantity or weight subservient to the quality furnished, or in other words, we believe in using the best duck or material produced for the purpose for which every article is intended, or a close woven duck constructed of strictly middling cotton in preference to a loose woven duck made of waste or low or ordinary cotton, heavily sized and artificially weighted.

O.V.B. Grade—Heavy weight. Nothing but fine quality material of close weave is used in constructing articles in this grade, guaranteed superior in every essential feature. All goods in this grade are full standard size in every respect.

Ajax Grade—Medium weight. This grade is the recognized market standard. Material used in this grade is of extra quality and well made and finished. All goods are full standard size.

Standard Grade—Light weight. This grade is designed to be sold strictly on price and without any recommendations. It represents our competitive quality. Goods in this grade are made of good quality material of close weave. All articles are well and serviceably made.

WALL.



O.V.B., Ajax and Standard Grades.

Feet	7×7	7×9	8×10	9×9	9½×12
Height of Wall	3	3	3	3	3 ft.
Height of center	6½	6½	6½	7	7 ft.
8 oz. Duck, single filling each	$8.00	9.50	10.95	10.95	12.90
10 oz. Duck, single filling, each	9.35	11.05	12.80	12.80	15.05
10 oz. Duck, double filling each					16.80
12 oz. Duck, double filling each					19.95

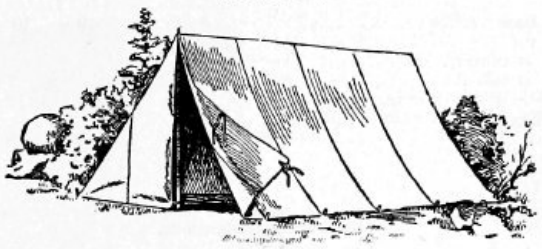
Feet	9½×14	12×12	12×14	12×16	14×16
Height of Wall	3	3½	3½	3½	4 ft.
Height of center	7	7½	7½	7½	8½ ft.
8 oz. Duck, single filling, each	$14.65	15.30	17.30		
10 oz. Duck, single filling, each	17.10	17.95	20.20	22.45	26.65
10 oz. Duck, double filling each	19.10		22.55	25.05	29.80
12 oz. Duck, double filling each	22.65		26.80	29.80	35.50

Above prices are for Tents complete with Poles, Stakes, Guy Ropes and Keys, but without Fly. Flies, complete except poles and stakes, are one-half the price of tent of corresponding size. Add five (5) per cent for each additional six (6) inches of wall.

If poles are not wanted deduct five (5) per cent.

The wall and center height measurement given above are in "O. V. B." grade. Standard and Ajax tents do not fulfill these specifications.

WEDGE.



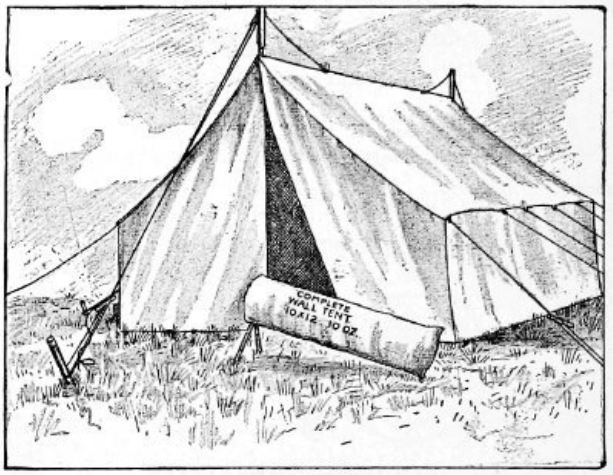
O.V.B., Ajax and Standard Grades.

Feet	5×7★	7×7★	7×9★	9×9★
Height	6	7	7	7 ft.
8 oz. Duck, single filling...each	$5.00	6.30	7.55	8.35
10 oz. Duck, single filling... "		7.35	8.85	

Prices include poles and stakes.

★*For Factory shipment only.*

POLE-LESS WALL.



O.V.B. Perfect.

Best Army Duck, Warranted Water Repellant.

Feet	7×7	8×10	10×12
Height of walls	3	3	3 ft.
Height of center	6½	6½	7 ft.
10 oz. Army Duck each	$ 9.35	12.80	15.05
12 oz. Water Proofed "	12.25	17.00	19.95

Without ridge pole, upright poles are made of galvanized iron, and are made in three sections.

The entire tent including poles can be carried in a canvas bag about 3 feet long, which we furnish with every tent.

LAMBING.

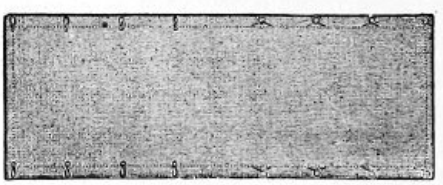
O.V.B., Ajax and Standard Grades.

12×12 feet, 2½ foot walls, with roll up front.

Ounces	8★	10★	12★
Each	$9.75	10.75	12.00

★*For Factory shipment only.*

STOCKMEN'S BED SHEETS.



O.V.B., Ajax and Standard Grades.

White Duck, with Snaps and Rings, Edges Turned and Stitched.

Ounces	13	15	18
7×15 ft. each	$6.45	7.75	8.55
7×18 ft. "		9.15	10.10

TENTS.

WESTERN RANGE.

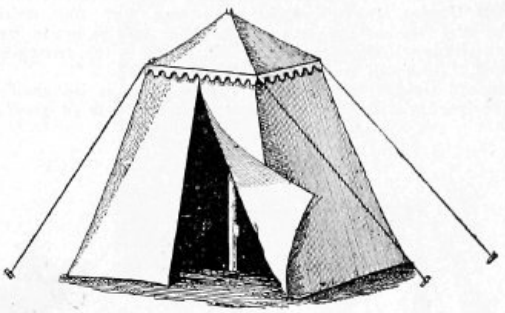
"O. V. B.," Ajax and Standard Grades.

7×7 feet, Jointed Outside Poles, Canvas Floor

Ounces	8★	10★	12★
Each	$11.00	12.00	13.50

★*For Factory Shipment Only.*

PALMETTO.



No. 28S.

No. 28D—7×7 ft. base, white duck.....each $5.00
No. 28S—7×7 ft. base, blue and white striped duck..... " 5.75

FOLDING TENT COTS.

No. 10—ENTERPRISE, hard maple frame, painted green with best waterproof paint, the cot cover is of 10 oz. brown duck, the canopy or tent part 8 oz. brown duck, two end windows 9×12 in. protected by strong mosquito netting, with adjustable flaps, length inside when opened 6 ft. 3 in., when folded 3 ft. 6 in., width 28 in., height above ground 18 in., from bed to top of canopy 32 in., w't 30 lbs..... each $12.00

This cot is very strongly yet lightly built, is impervious to rain or sun and is well ventilated. The sides, top and ends are collapsible and fold down closely within the frame which holds them snugly in place making a compact and convenient bundle.

For sleeping out in the open it is just what has so long been desired, and for those who spend nights out of doors it will be found of the greatest utility and comfort.

No. 29S with Awning Extension.

Without Awning Extensions.

Size of Base	7×7	8×8	9×9	10×10 ft.
Size of top	2⅛	2⅛	3½	3½ ft.
Height at center	7½	8	8½	9 ft.
Height at side	6	6½	7	7½ ft.
No. 30D—White drilling...each	$7.50	8.75	10.75	12.00
No. 30S—Blue and white stripe, each	11.00	12.75	16.00	18.00

With Awning Extensions.

Size of Base	7×7	9×9	10×10	12×12 ft.
Size of top	3½	4⅜	4⅜	5½ ft.
Height at center	8	9	10	10 ft.
Height at side	6½	7	8	8 ft.
No. 29D—White drilling...each	$11.00	14.00	16.00	18.00
No. 29S—Blue and white stripe, each	15.25	20.25	23.25	26.50

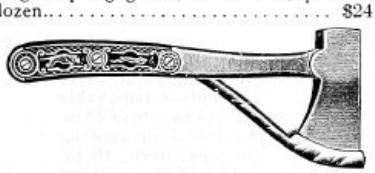
Prices include poles and stakes.

HUNTERS' SUNDRIES.

MARBLE'S SAFETY POCKET AXES.

No. 5—Polished steel axe, 10½ in. hickory handle, blade 4¾ in., nickel plated hinged spring guard, the head is designed for driving spikes or stakes, w't 16 oz.....per dozen $24.00

No. 6—Polished steel axe, 12 in. hickory handle, 4½ in. blade, nickel plated hinged spring guard, w't 20 oz., per dozen..... $24.00



No. 1—Polished steel axe, 10 in. nickel plated steel handle, 3⅞ in. blade, engraved hard rubber plates, nickel plated steel hinged spring guard, w't 16 oz.....per dozen $40.00

No. 2—Polished steel axe., 11 in. nickel plated steel handle, engraved hard rubber plates, nickel plated steel hinged spring guard, blades 4 in., w't 20 oz.....per dozen $40.00

No. 2½—Polished steel axe, 11 in. nickel plated steel handle, engraved hard rubber plates, nickel plated steel hinged spring guard, blade 4 in., with nail puller, w't 22 oz.....per dozen $44.00

HUNTERS' AXES.

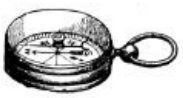
"OUR VERY BEST."

No. 119 CYB—Solid cast steel, full polished, 3 in. bit, 14 in. handle, w't per doz. 21 lbs.....per dozen $9.00

No. 120 CYB—With russet leather belt and shield, otherwise same as No. 119, w't 24¼ lbs.....per dozen 23.00

No. 118 CYB—Leather belt with shield, per dozen..... 11.00

COMPASSES.



Beveled Glass, Open Case, with Ring.

No. 5—1 in., white dial, nickel plated case.....per dozen $2.50

No. 6—1½ in., white dial, nickel plated case.....per dozen 4.80

No. 7—1⅝ in., silvered metal dial, with needle stop, lacquered brass case, per dozen..... 9.00

No. 9—1⅝ in., full division, silvered metal dial, jeweled, with needle stop, lacquered brass case.....per dozen 14.00

Beveled Glass, Slip Cover.

No. 3—1⅛ in., white dial, nickel plated case.....per dozen $ 4.40

No. 4—1½ in., white dial, nickel plated case.....per dozen 5.00

No. 8—1⅞ in., silvered metal dial, lacquered brass case, with needle stop, per dozen..... 14.50

No. 10—1⅞ in., silvered metal dial, lacquered brass case, full division, jeweled, with needle stop...per dozen 19.00

No. 11—1½ in., *hinged cover, with ring*, silvered metal dial, lacquered brass case, full division, jeweled, with needle stop.....per dozen 22.00

Beveled Glass, Slip Cover.

No. 15—2¼ in., silvered metal dial, nickel plated case, full division, jeweled, best quality, English bar needle, automatic stop.....per dozen $48.00

COMPASSES.

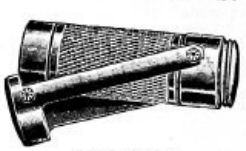
MARBLE'S.

No. 21—1⅛ in., stationary dial, nickel plated, jeweled, with safety pin attachment to fasten to coat or belt, per dozen..... $20.00

No. 12—1⅝ in., watch case style, nickel plated, hinged cover, white dial, full division, automatic stop, jeweled, per dozen..... $36.00

No. 17—2¾ in., silvered, metal dial, full division, automatic stop, in 3×3 in. hinged rosewood case.....per dozen $21.00

MATCH SAFES.



MARBLE'S.

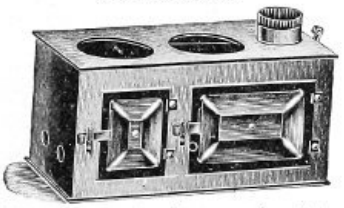
No. G2—Pocket, waterproof, nickel plated drawn brass, size 2¼×⅞ in., per dozen $7.20

The bottom of the box is threaded to receive threaded collar, which is attached to the downwardly extending arms of the cover. The cover has a rubber gasket firmly held in place by a brass washer. A protecting tooth prevents the cover being swung too far to one side.

ONE DOZEN IN A BOX

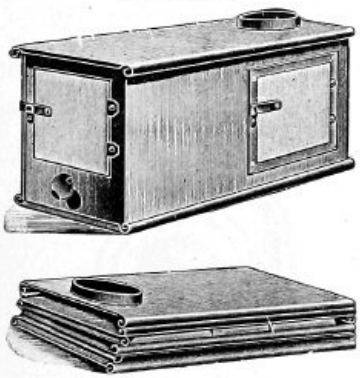
CAMP STOVES.

CAMPERS'.



No. 125G—CAMPERS', sheet steel, with hinge doors, two holes with covers, six feet telescope pipe, size 23×12×12 in., oven 10×10×6 in., w't 15 lbs....each $3.20

OUTING.



No. 50G—OUTING sheet steel, folding, with hinged doors, sliding circular joints, size 26×10×11½ in., oven 8×10×6 in., w't 12½ lbs., takes 5 in. pipe, each $6.00

Can be put together without the use of tools or rivets, and forms an air-tight stove in which the draft can be regulated to a nicety. The stove can be easily taken apart.

In assembling, the sides are secured to the bottom by sliding the sections together; the front and back sections are then forced down, after which the bottom, sides and top of oven are put into position; the top is next slid on from the front.

ONE IN A BOX.

LITTLE PET.

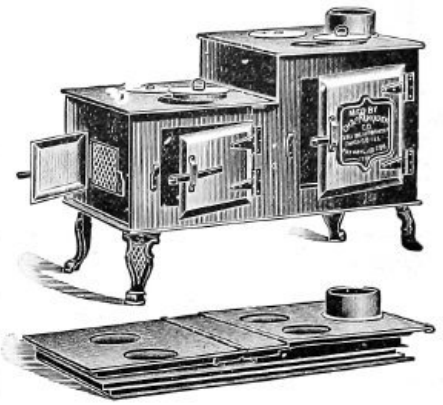
No. 120G—LITTLE PET, 20 gauge steel, length 23 in., height 12 in., width 12 in., 8×8×12 in. oven, two 5 in. cooking holes, not folding, w't 25 lbs., takes 5 in. standard stove pipe.....each $12.00

No. 220G—LITTLE PET, *folding*, otherwise same as No. 120G.. .....each 16.00

Very compact, light and easy to set up.

ONE IN A BOX.

SPORTSMAN'S.



No. 320G—SPORTSMAN'S DELIGHT, 20 gauge steel, length 29 in., 16 in. oven, 11 in. high at the fireplace, removable legs 7 in. high, making the stove 23 in. high when in use, four 5 in. cooking holes, takes 4 in. pipe; oven, 10 in. wide, 11 in. high and 17 in. deep, *not folding, with hearth*, w't 38 lbs...each $16.00

No. 420G—SPORTSMAN'S FRIEND, *folding, without hearth*, otherwise same as No. 320G.....each 20.00

All stoves are packed in a neat pine box, convenient for shipping and storing. Stoves are painted with graphite black enamel, which does not burn or peel off in use. Every cooking hole is protected with a cast iron ring riveted firmly on the inside, so no matter how heavy the cooking utensil may be, there is no danger of injuring the stove.

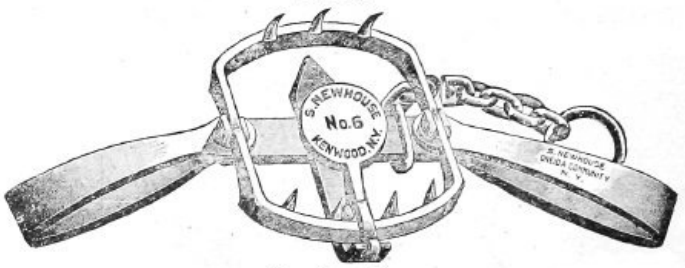
ONE IN A BOX.

STEEL TRAPS.

Nos. 0, 1 and 1½.

Nos. 2, 3 and 4.

No. 2½.



Nos. 5 and 6.

STEEL GAME, WITH CHAIN.

No. 0	—3½ in., rat, single spring, w't per doz. 5½ lbs. ..... per dozen	$ 4.25
No. 1	—4 in., muskrat, single spring, w't per doz. 7¾ lbs. ..... per dozen	5.00
No. 1½	—4⅞ in., mink, single spring, w't per doz. 11¼ lbs. ..... per dozen	7.50
No. 2	—4⅞ in., fox, double spring, w't per doz. 14½ lbs. ..... per dozen	10.50
No. 3	—5½ in., otter, double spring, w't per doz. 22 lbs. ..... per dozen	14.00
No. 4	—6½ in., beaver, double spring, w't per doz. 25 lbs. ..... per dozen	16.50

In this grade we carry both Victor and Hector brands. These are staples in every hardware store and are the most saleable traps on the market. Farmers and trappers of small game, who find that a cheap trap answers their purpose, are pleased with these traps in their present perfected form.

HAWLEY & NORTON, WITH CHAIN.

No. 0	—3½ in., rat, single spring, w't per doz. 6 lbs. ..... per dozen	$ 4.25
No. 1	—4 in., muskrat, single spring, w't per doz. 8½ lbs. ..... per dozen	5.00
No. 1½	—4⅞ in., mink, single spring, w't per doz. 13½ lbs. ..... per dozen	7.50
No. 2	—4⅞ in., fox, double spring, w't per doz. 16½ lbs. ..... per dozen	10.50
No. 3	—5½ in., otter, double spring, w't per doz. 26 lbs. ..... per dozen	14.00
No. 4	—6½ in., beaver, double spring, w't per doz. 29 lbs. ..... per dozen	16.50

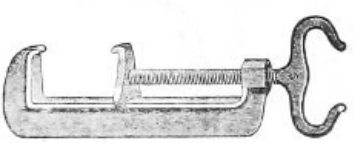
The Hawley & Norton traps are almost identical in form with the Newhouse, but are somewhat lighter throughout and therefore cheaper. They are, however, good, reliable traps with quite a reputation of their own.

NEWHOUSE, WITH CHAIN.

No. 0	—3½ in., rat, single spring, w't per doz. 7½ lbs. ..... per dozen	$ 4.25
No. 1	—4 in., muskrat, single spring, w't per doz. 10 lbs. ..... per dozen	5.00
No. 1½	—4⅞ in., mink, single spring, w't per doz. 14 lbs. ..... per dozen	7.50
No. 2	—4⅞ in., fox, double spring, w't per doz. 17½ lbs. ..... per dozen	10.50
No. 2½	—4⅞ in., otter, single spring, with teeth, w't per doz. 23 lbs., per dozen	16.50
No. 3	—5½ in., otter, double spring, w't per doz. 28 lbs. ..... per dozen	14.00
No. 4	—6½ in., beaver, double spring, w't per doz. 33 lbs. ..... per dozen	16.50
No. 5	—11¾ in., bear, double spring, w't per doz. 234 lbs., w't each spring 2 lbs. 10 oz. ..... per dozen	120.00
No. 6	—16 in., grizzly bear, double spring, w't per doz. 504 lbs., w't each spring 6 lbs. 10 oz. ..... per dozen	280.00

These are the best traps made. Nothing but best crucible steel used in the springs. Each trap is set and sprung to be sure it is working correctly. The stock is a mixture of special Norway iron. The standard is kept up by frequent repetition of tests and by daily watching results. The springs are tested in three different ways before leaving the factory. The other parts are carefully tested and inspected. Newhouse traps are absolutely guaranteed.

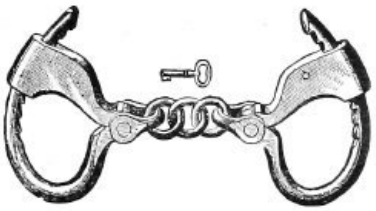
NEWHOUSE BEAR TRAP CLAMPS.



No. 5—For setting No. 5, w't per doz. 10½ lbs. ..... per dozen	$ 6.00
No. 6—For setting No. 6, w't per doz. 14 lbs. ..... per dozen	10.00

POLICE GOODS.

HAND CUFFS.



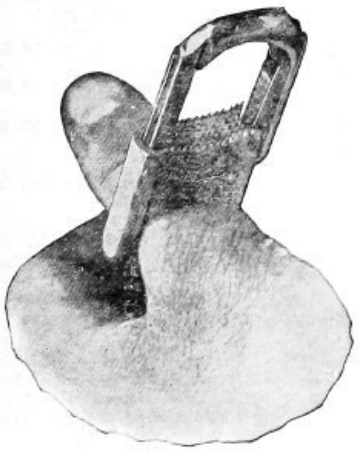
No. 30—TOWER'S, polished, w't 18 oz., - - per pair $4.00
No. 30S—TOWER'S, polished, with stop, w't 18 oz., " 4.00
No. 40—TOWER'S, nickel plated, w't 19 oz., - " 4.75
No. 40S—TOWER'S, nickel plated, with stop, w't 19 oz., " 4.75

No. 41.

No. 27.

No. 41—TOWER'S, detective, self locking, adjustable, polished, w't 12 oz., - - - - - - per pair $4.00
No. 45—Nickel plated, otherwise same as No. 41, " 4.75
No. 27—New pattern, detective, polished, swivel connection, w't 14 oz., - - - - - - per pair 4.00
No. 28—Nickel plated, otherwise same as No. 27, " 4.75

THUMB CUFFS.



No. 20—TOWER'S, nickel plated, w't 3 oz., - each $4.50

Very convenient, light and handy.

TWISTERS.

No. 24—TOWER'S, nickel plated, w't 3 oz. handles interlock, per dozen, - - - - - - - - $12.00

NIPPERS.

No. 20—TOWER'S, nickel plated, w't 4½ oz., - per dozen $12.00

No. 21—THOMAS' automatic, self-closing and self-locking, w't 7 oz., - - - - - - - - each $2.50

LEG IRONS.

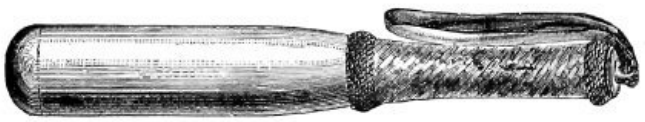
No. 53—BEAN'S, polished, patent locking device, w't 27 oz., per pair, - - - - - - - - $6.00
No. 63—BEAN'S, nickel plated, patent locking device, w't 27 oz., - - - - - - - - per pair 7.00

No. 50—TOWER'S, polished, w't 3 lbs., - - per pair $6.00
No. 60—TOWER'S, nickel plated, w't 3 lbs., - " 7.00
Extra Keys, for any of the above leg irons, - each .35

POLICE GOODS.

CLUBS OR BATONS.

No. 18—18 in., rosewood, w't 10 oz., - - - each $1.25
No. 22—22 in., rosewood, w't 12 oz., - - - " 1.65



No. 10—10 in., Bean's flexible, w't 7 oz., - - each $1.75
No. 12—12 in., Bean's flexible, w't 12 oz., - - " 2.00
No. 14—14 in., Bean's flexible, w't 16 oz., - - " 2.25

These clubs are made of sole leather, and brought together under a heavy pressure over steel wires, cemented and riveted, and covered with the same material, securing a perfect surface, without break or seam, and very slightly elastic. They are the most effective clubs in use.

PARALYZERS.

No. 15—Leather covered, with strap and swivel, w't 10 oz., each, - - - - - - - - - $1.50

BILLIES.

No. 25—Black leather, w't 8 oz., - - per dozen $4.00

No. 26—Plaited black leather, w't 5 oz., - per dozen $3.60

BUTTONS.

"P," Coat, gilt, - - - - - per gross $15.00
"P," Vest, gilt, - - - - - " 15.00
"C P," Coat, gilt, - - - - - " 15.00
"C P," Vest, gilt, - - - - - " 15.00

HELMETS.

No. 10—Privates', - - - - - - each $4.50

CAPS.

Privates' or Patrolmen's Cap.

Officers' Cap.

No. 20—Privates', with numbers, - - - each $3.00
No. 30—Officers', with title, - - - - " 4.00

STARS.

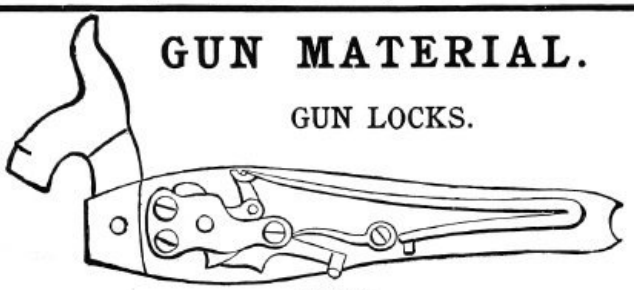
No. 20—Six point, 3¼ in., with word "Police" enameled, each, - - - - - - - - - $1.75

No. 30—Five point officers', German silver, finely nickel plated, engraved "City Marshal," or "Chief of Police," as desired, - - - - - - each $2.00
No. 15—Six ball point officers', German silver, finely plated and engraved "City Marshal," "Sheriff," "Constable," "Detective," etc., as may be desired, - - each 3.00

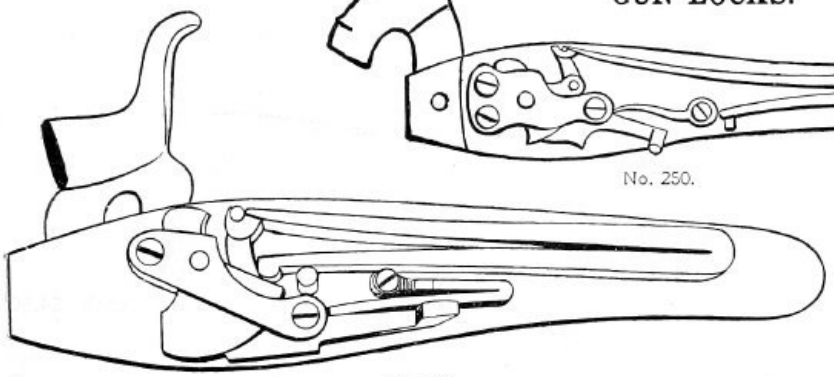
All are provided with strong safety pins. Special designs of stars or badges can be furnished on short notice.

GUN MATERIAL.

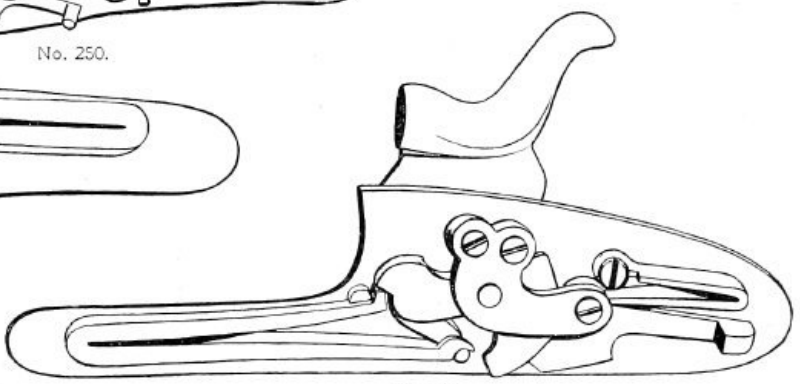
GUN LOCKS.



No. 250.



No. 135.



No. 235.

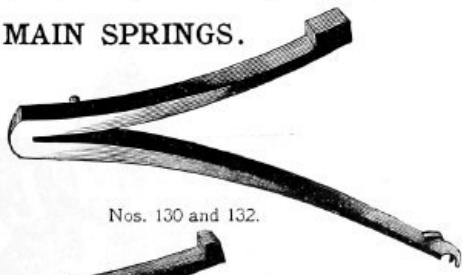
For Muzzle Loaders.

No. 250—American, right hand, back action, polished, 4½ to 5 in., - - - - - - - - - - per dozen $10.50
No. 252—American, left hand, back action, polished, 4½ to 5 in., - - - - - - - - - - " 10.50
No. 254—American, in pairs, back action, polished, 4½ to 5 in., - - - - - - - - - per dozen pairs 21.00

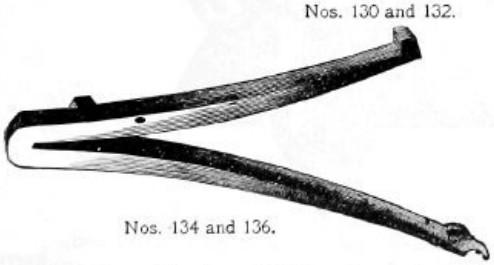
Bar and Back Action for Breech Loaders.

No. 135—Back action, rough filed plates for Belgium guns, with hammers, rebounding, - - - - - - - per pair $3.00
No. 235—Bar action, rough filed plates for Belgium guns, low axle, with hammers, rebounding, - - - - - - " 5.00

MAIN SPRINGS.



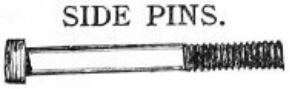
Nos. 130 and 132.



Nos. 134 and 136.

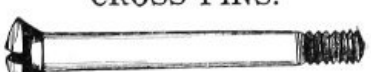
No. 130—Breech loading, right hand, bar, rebounding, swivel, per dozen, - - - - - - - - - $3.80
No. 132—Breech loading, left hand, bar, rebounding, swivel, per dozen, - - - - - - - - 3.80
No. 134—Breech loading, right hand, back action, rebounding, swivel, - - - - - - per dozen 3.80
No. 136—Breech loading, left hand, back action, rebounding, swivel, - - - - - - - per dozen 3.80

SIDE PINS.



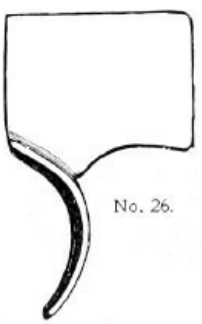
No. 184—Threaded, - - - - - - per dozen $0.25

CROSS PINS.

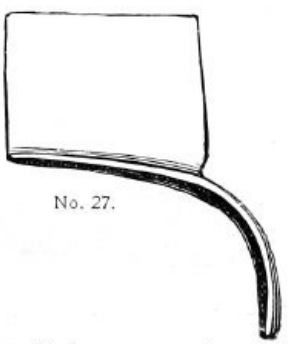


No. 186—Threaded, - - - - - - per dozen $0.25

TRIGGERS.



No. 26.



No. 27.

No. 26—Right hand, malleable iron, filed, - - per dozen $0.90
No. 27—Left hand, malleable iron, filed, - - " .90

PINS, SCREWS AND SWIVELS.

No. 190.

No. 192.

No. 194.

No. 190—Tumbler pins, threaded, - - per dozen $0.25
No. 192—Inside lock screws, - - - " .25
No. 194—Tumbler swivels, - - - " 1.00

TRIGGER GUARDS.

No. 390—Double, to screw off, filed, - - per dozen $6.00
No. 392—Double, to screw off, blued and engraved, " 9.00

NOTICE—The material listed on this page is not finished, and must be fitted by a gunsmith.

GUN MATERIAL.

Full Size Cuts.

HAMMERS.

No. 208.

No. 210.

No. 214.

No. 215.

Nos. 220 and 222.

Nos. 221 and 225.

Breech Loading.

No. 208—Filed, round body, right and left hand, 1⅛ in. from centers, - - - - - - - - - per dozen $4.50
No. 210—Filed, round body, right and left hand, 1¼ in. from centers, - - - - - - - - - " 4.50
No. 214—Polished and engraved, right and left hand, 1½ in. from centers, - - - - - - - - " 8.00
No. 215—LEFAUCHEAUX, filed, right and left hand, 1⅛ in. from centers, - - - - - - - - " 3.90
No. 220—English circular, filed, right and left hand, 1⅛ in. from centers, - - - - - - - - " 6.00
No. 222—1¼ in., otherwise same as No. 220, - - - - - - - - - - - - - - " 6.00
No. 221—Belgian circular, filed, right and left hand, 1⅛ in. from centers, - - - - - - - - " 5.30
No. 225—Belgian circular, filed, right and left hand, 1¼ in. from centers, - - - - - - - - " 5.30

GUN AND MUSKET TUBES.

No. 20. No. 23. No. 24. No. 21. No. 30. No. 28. No. 29.

Sizes 2, 3, 4 and 5 Thread.

No. 20—Standard English, Bayliss pattern, taper, - per gross $ 5.00
No. 22—Standard English, Bayliss pattern, reversed, " 6.00
No. 23—Standard English, Bayliss pattern, taper, polished bottom, - - - - - - - - - per gross 9.00
No. 24—Standard English, Bayliss pattern, reversed, polished bottom, - - - - - - per gross 9.80
No. 21—German thread, for Belgian guns, - " 6.00
No. 30—Flat shoulder, Belgian thread, with washer, " 12.00
No. 28—Square shoulder musket, - - " 9.00
No. 29—Flat shoulder musket, with sporting top, for regular gun caps, - - - - - - - - per gross 12.00

In ordering state size of thread wanted.

MISCELLANEOUS.

No. 200. No. 208. No. 202. No. 203. No. 205. No. 204. No. 207.

No. 200—Nipple seats for breech loaders, - per dozen $0.90
No. 202—Nipples or spring plungers, - - " .40
No. 203—Solid head plungers, assorted, - " 1.00
No. 204—Shouldered solid head, - - - " 1.50
No. 205—Bonehill plungers, - - - " 1.20
No. 206—Zulu plungers, - - - - " 2.00
No. 207—New nitro plungers and seats for latest style Belgian guns, - - - - - - - - per dozen 2.00
No. 208—Plunger springs, - - - - " .60
No. 210—Zulu plunger springs, - - - " .50
No. 214—Revolver trigger springs, - - " .80
No. 212—Revolver main springs, - - " 3.00
No. 213—Revolver main springs, - - " 3.00

NOTICE—The material listed on this page is not finished and must be fitted by a gunsmith.

GUN MATERIAL.

Full Size Cuts.

SEARS.

Nos. 130 and 132.

Nos. 134 and 136.

No. 130—Right hand, filed, bar action, - per dozen $1.60
No. 132—Left hand, filed, bar action, - " 1.60
No. 134—Right hand, filed, back action, - " 1.60
No. 136—Left hand, filed, back action, - " 1.60

SEAR SPRINGS.

No. 138—Right hand, front action, - - per dozen $1.80
No. 140—Left hand, front action, - - " 1.80

TUMBLERS.

Nos. 176 and 178.

Nos. 180 and 182.

No. 168.

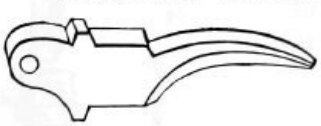
Breech Loading.

No. 176—Right hand, bar, rebounding, swivel, - per dozen $4.40
No. 178—Left hand, bar, rebounding, swivel, - " 4.40
No. 180—Right hand, back action, rebounding, swivel, " 4.40
No. 182—Left hand, back action, rebounding, swivel, " 4.40

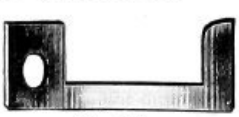
Muzzle Loading.

No. 168—Right hand, front action, swivel, - per dozen $3.20
No. 172—Right hand, back action, swivel, - " 3.20

FLOBERT TRIGGERS AND SPRINGS.



No. 450.

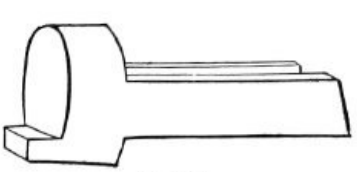


No. 475.

No. 450—FLOBERT triggers, - - - - each $0.20
No. 475—FLOBERT trigger springs, - - - " .16

FLOBERT BREECH BLOCKS.

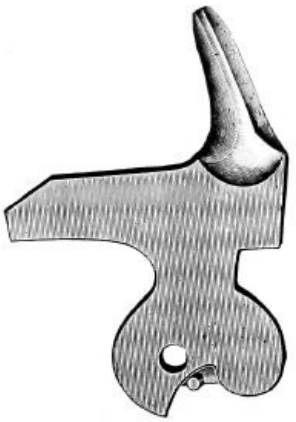
No. 610.



No. 710.

No. 610—Remington action, - - - - each $0.20
No. 710—Warnant action, old style, - - - " .60
No. 712—Warnant action, new style, light (long breech), " .60
No. 714—Warnant action, new style, heavy (long breech), " .60

FLOBERT HAMMERS.



No. 604.

No. 603—For O. S. Warnant, light barrel, - - each $0.50
No. 604—For Imp. Warnant, heavy barrel, - - " .50

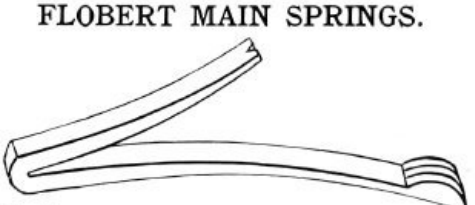
FLOBERT EXTRACTORS.

No. 400.

No. 605.

No. 400—Thumb extractors, - - - - each $0.12
No. 605—Remington action, - - - - " .12
No. 612—Warnant action, for light barrels, - - " .30

FLOBERT MAIN SPRINGS.



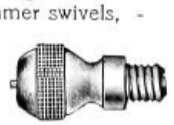
No. 425—Each, - - - - - - - - $0.30

FLOBERT SIGHTS AND SWIVELS.

Rear.

Swivel.

No. 915—FLOBERT front sights, - - - - each $0.10
No. 920—FLOBERT rear sights, - - - - " .10
No. 930—FLOBERT hammer swivels, - - - " .10



No. 940—Warnant action buttons, - - - each $0.10

No. 972.

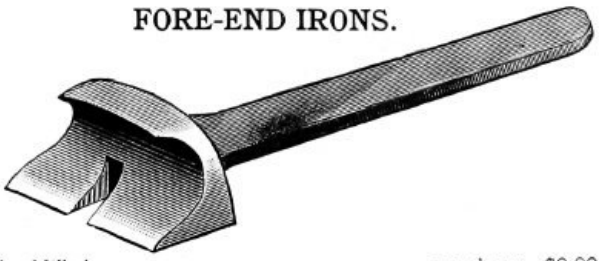
No. 970.

No. 972—Warnant breech-block screw, - - each $0.10
No. 970—Fore-end screws, - - - - " .10

NOTICE.—The gun material listed on this page is not finished and must be fitted by a gunsmith.

GUN MATERIAL.

FORE-END IRONS.



No. 41—Milled, - - - - - - per dozen $9.00

SIDE SNAP LEVERS.

No. 47½—Belgian, filed, - - - - per dozen $6.00

TOP LEVERS.

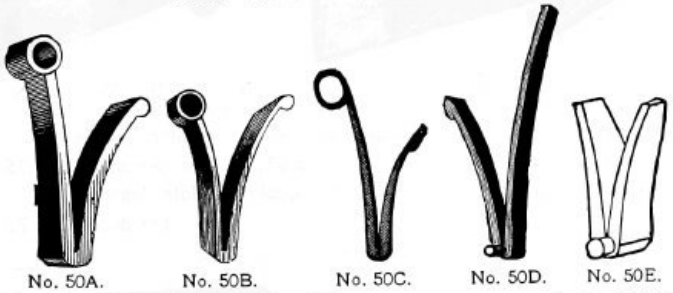
No. 49—Belgian, filed, - - - - per dozen $6.00

SIDE LEVER SPRINGS.

No. 48.

No. 48 —English, finished and blued, - - per dozen $4.20
No. 48½—Belgian, finished and blued, - - " 2.00

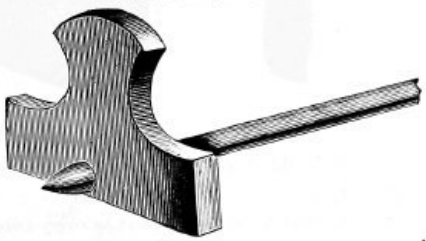
TOP LEVER SPRINGS.



No. 50A. No. 50B. No. 50C. No. 50D. No. 50E.

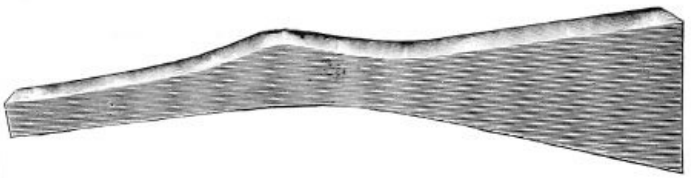
No. 50—Styles A, B, C, D and E, - - per dozen $5.00

EXTRACTORS.



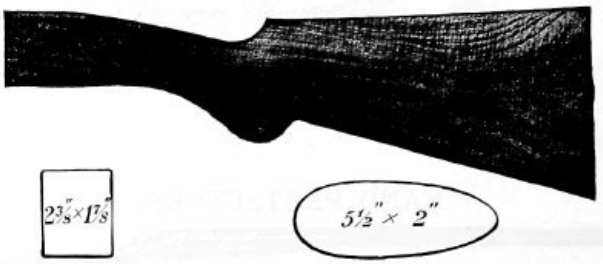
No. 51—Milled, - - - - - per dozen $4.00

GUN STOCKS.



No. 0—American walnut, for muzzle loading guns, w't 4 lbs., each, - - - - - - - - - - $0.60

TURNED GUN STOCKS.



No. E—Good quality English walnut, w't 2 lbs., - each $1.25
No. EE—Fine quality English walnut, w't 2 lbs., - " 1.75
No. EEE—Fine selected pattern English walnut, w't 2¼ lbs., each, - - - - - - - - - 3.50
No. D—Good quality American walnut, w't 2⅛ lbs., each 1.00
No. DD—Fine quality American walnut, w't 2¼ lbs., " 1.25
No. DDD—Finest selected curled American walnut, w't 2¼ lbs., - - - - - - - - each 2.75

BUTT PLATES.

No. 100—Rubber finished, - - - - per dozen $9.00

WORMERS.

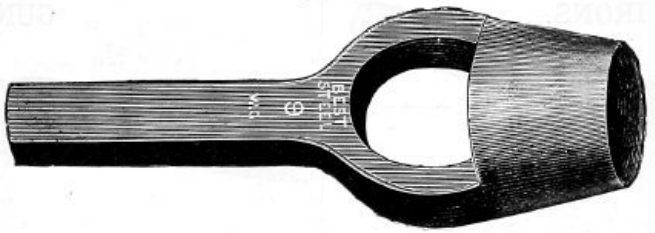
No. 709—Brass, for rifle rods, large, - - per dozen $1.20

No. 724—Brass, reverse, small, - - - per dozen $1.50
No. 726—Brass, reverse, large, - - - " 1.60

NOTICE—The gun material listed on this page is not finished and must be fitted by a gunsmith.

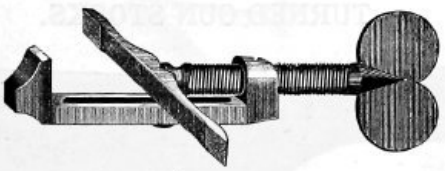
GUN SUNDRIES.

WAD CUTTERS.



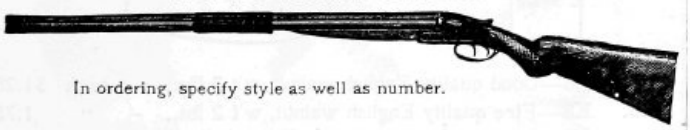
Gauge,	8	9	10	11	12	13	14	15	16	18	20
Per dozen,	$3.00	3.00	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80

MAIN SPRING VISES.



No. 125—Per dozen, - - - - - - - $13.50

HAND PROTECTORS.

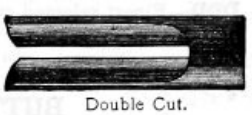


In ordering, specify style as well as number.

Straight.

Medium Cut.

Extra Cut.



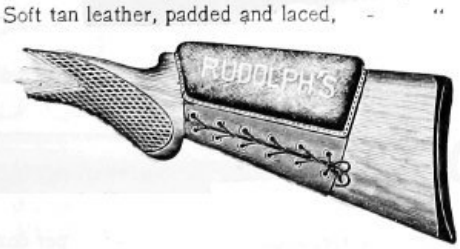
Double Cut.

Heike's Sheet Steel, Leather Covered.

No. 112 —12 gauge, length 6 in., straight, medium, extra or double cut, - - - - - - per dozen $12.00
No. 112½—12 gauge, length 9 in., medium, " 12.00
No. 112D—12 gauge, length 12 in., medium cut, " 24.00

CHEEK PADS.

No. 97—Stiff tan leather, padded and laced, - per dozen $8.00
No. 98—Soft tan leather, padded and laced, - " 9.00



No. 93—RUDOLPH'S, extra quality saddle leather, soft finish, moose skin pad, - - - - - - per dozen $17.25

RECOIL PADS.

No. 88.

No. 90.

No. 88-2—Black rubber, for 5¼ in. stock, - per dozen $ 4.50
No. 88-3—Black rubber, for 5½ in. stock, - " 4.50
No. 88-4—Black rubber, for 5¾ in. stock, - " 4.50
No. 90-2—Red rubber, for 5¼ in. stock, - " 10.50
No. 90-3—Red rubber, for 5½ in. stock, - " 10.50
No. 90-4—Red rubber, for 5¾ in. stock, - " 10.50

No. 91.

No. 92.

No. 91—RUDOLPH'S, self-adjusting, extra quality saddle leather, silk elastic, 5¼, 5½ and 5¾ in. butt, per dozen $12.75
No. 92—RUDOLPH'S, laced, extra quality saddle leather, 5¼, 5½ and 5¾ in. butt, - - - per dozen 15.75

No. 95.

No. 96.

No. 95—SILVER'S, red rubber, on a hard rubber base, small, medium and large, - - - - - each $3.50
Can be fitted down to any size stock on an emery wheel.
No. 96—Heavy orange laced leather, 5¼, 5½ and 5¾ in. butt, - - - - - - per dozen $9.00

OILS AND GUN CLEANING COMPOUNDS.

GUN OIL.

"OUR VERY BEST."

A High Grade Product.

1 oz. Bottles, (one dozen in a box), per dozen	$0.80
2 oz. Bottles (one dozen in a box), per dozen	1.10
4 oz. Bottles (one dozen in a box), per dozen	1.50
1 pt. Cans, screw top, per dozen	3.20
1 qt. Cans, screw top, "	5.00
1 gal. Cans, screw top, each	1.30

Especially adapted for guns and fine machinery. Prevents corrosion, is free from gum and will not evaporate.

1 OZ., 2 OZ. AND 4 OZ., ONE DOZEN; BALANCE LOOSE.

SEWING MACHINE OIL.

"OUR VERY BEST."

1 oz. Bottles, per dozen	$0.60
2 oz. Bottles, "	.90
4 oz. Bottles, "	1.40
1 pt. Cans, screw top, "	3.00
1 gal. Cans, screw top, each	1.20

This is a double filtered oil free from gum. It is odorless and will not become rancid. Will not stain white cloth. Works very freely in the small bearings of a machine, and has great lubricating properties. Will last longer than any other oil for the purpose.

1 OZ., 2 OZ. AND 4 OZ. BOTTLES, ONE DOZEN IN A BOX; BALANCE LOOSE.

COMBINATION OIL.

Nos. 30G and 31G. Nos. 41G to 33G.

"3 in 1," Cleans, Preserves and Lubricates.

	PER DOZEN
No. 30G—1 oz. bottles, w't per doz. 2 lbs.	$1.60
No. 31G—3 oz. bottles, w't per doz. 6 lbs.	2.75

NO. 31G, ONE DOZEN; NO. 30G TWO DOZEN IN A BOX

"Many Use," Prevents Rust, Cleans, Lubricates, Polishes, Etc. PER DOZEN

No. 41G—1 oz. bottles, w't per doz. 2 lbs.	$0.60
No. 32G—2 oz. bottles, w't per doz. 4 lbs.	1.00
No. 33G—3 oz. bottles, w't per doz. 6 lbs.	1.65

NO. 41G, TWO DOZEN; BALANCE ONE DOZEN IN A BOX.

"Many Use," Prevents Rust, Cleans, Lubricates, Polishes, Etc. PER DOZEN

No. 42G—2 oz. cans, w't per doz. 2¼ lbs.	$1.20
No. 35G—4 oz. cans, w't per doz. 4½ lbs.	2.50

Cans are provided with a reversible spout top.

NO. 42G, TWO DOZEN; NO. 35G ONE DOZEN IN A BOX.

No. 43G—MANY USE, ½ gal. cans, prevents rust, preserves, polishes, lubricates, cleans, etc., w't per doz. 4½ lbs., per dozen $24.00

ONE IN A BOX.

NITRO-SOLVENT OIL.

No. 40—MARBLES, 2 oz. bottles, per dozen. $3.00

This quickly dissolves the residue of all powders. It lubricates and will not gum. It removes rust, gum and dirt, polishes and prevents rust. It contains no acid and is adapted for all tools and mechanisms.

ONE DOZEN IN A BOX.

GUN GREASE.

No. 25—AJAX, prevents rust, cleans and preserves, in 1×5 in. tubes, per dozen $1.80

A light coat of this grease on any unprotected surface of metal will prevent it from rusting and preserves its finish and luster.

ONE DOZEN IN A BOX.

GUN GREASE.

No. 18. No. 19.

No. 18—MARLIN RUST REPELLER, cleans and preserves, in 1×4 in. tubes, per dozen $1.80

No. 19—WINCHESTER GUN GREASE, cleans and preserves, in 1×4 in. tubes, per dozen 1.80

NO. 18, EIGHTEEN; NO. 19, ONE DOZEN IN A BOX.

THE END OF THIS DIVISION

In order to allow for future additions to this line, we have omitted pages 2017 to 2100 inclusive.

Please note that each succeeding division of this catalogue begins with the first number of the following hundred pages.

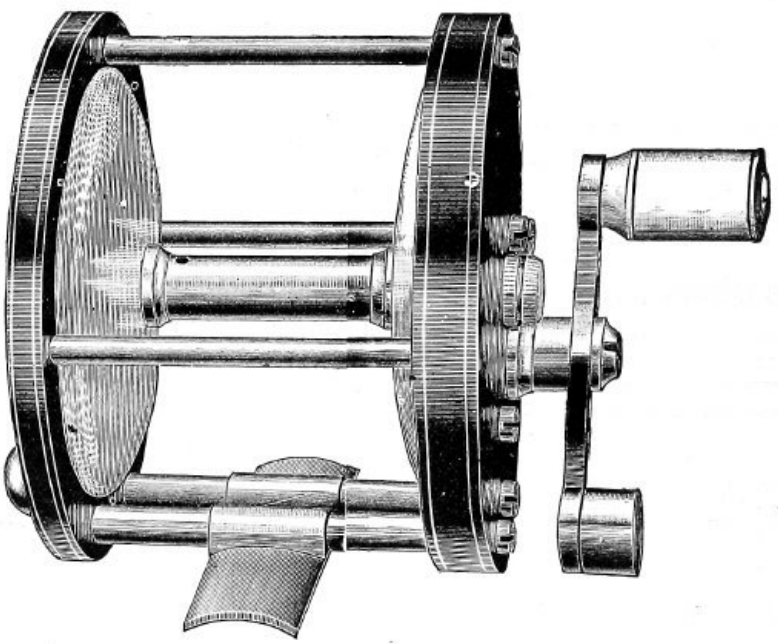
THE WEIGHTS GIVEN IN THIS CATALOGUE

Are supplied solely as an aid in figuring freights, and are approximately accurate. As changes are constantly being made in the manner of packing goods, and on account of variations in some lines, it is impossible to give figures that will always be exact in every case. Where possible we have given weights of factory packages as ordinarily sold; on all other goods weights are net and do not include cases.

FISHING TACKLE

AND

SUNDRIES



HIBBARD, SPENCER, BARTLETT & CO.

CHICAGO

"REV-O-NOC" FISHING RODS.

JOINTED BAMBOO BAIT.

No. 106 REVONOC—3 piece, Calcutta bamboo, double brass ferrules, reel bands, ring guides, two hole tip, *cane* wound grip, length 10 to 12 ft., in paper bag.....per dozen $13.50

No. 95 REVONOC—3 piece, mottled bamboo, nickel plated trimmings, shoulder ferrules, wire tie guides, two hole tip, solid metal reel seat, zylonite grip, length about 10 ft., in paper bag, per dozen $12.00

No. 96 REVONOC—Cork grip, otherwise the same as No. 95 REVONOC, per dozen..... 13.50

LANCEWOOD BAIT.

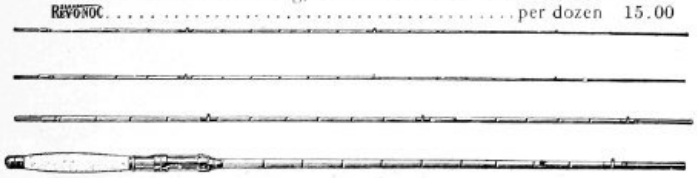
No. 17 REVONOC—3 piece, lancewood, nickel plated trimmings, solid metal reel seat, spiral wire guides, shoulder ferrules, tube tip, zylonite grip, red *silk* wound, length 7 to 8½ ft., in partitioned cloth bag.....per dozen $14.30

SPLIT BAMBOO BAIT.

No. 160.

No. 150 REVONOC—3 piece, six strip split bamboo, *without* extra tip, nickel plated trimmings, solid metal reel seat, *cork* grip, shoulder ferrules, spiral wire guides, maroon and green silk wound, lengths 6, 7, 7½, 8, 8½ and 10 ft.....per dozen $12.00

No. 160 REVONOC—With extra tip, lengths 6, 7, 7½, 8, 8½ and 10 ft., on wood form in cloth bag, otherwise the same as No. 150 REVONOC.....per dozen 15.00



No. 166 REVONOC—With extra tip, standing tie guides, tube tip, lengths 6, 7, 7½, 8, 8½ and 10 ft., on cloth covered form in cloth bag, otherwise the same as No. 150 REVONOC....per dozen $24.00

No. 168 REVONOC—With extra tip, welted shoulder ferrules, standing tie guides, tube tips, closely wound with red and green silk, lengths 6, 7, 7½, 8, 8½ and 10 ft., on cloth covered form in cloth bag, otherwise the same as No. 150 REVONOC....per dozen $27.50

No. 204 REVONOC—3 piece, extra fine split bamboo, with extra tip, snake guides, three ring tips, solid metal reel seat, welted shoulder ferrules, nickel plated trimmings, cork grip, dark green silk *cluster* wound, length 8 ft. only, w't 6 oz., on red flannel covered wood form in a cloth bag.....per dozen $48.00

JOINTED BAMBOO CASTING.

No. J16½ REVONOC—2 piece, mottled bamboo, nickel plated trimmings, large wire guides, stirrup tip, solid metal reel seat, zylonite grip, double shoulder ferrules, finger hook, lengths 5, 5½ and 6 ft., in a paper bag.....per dozen $12.00

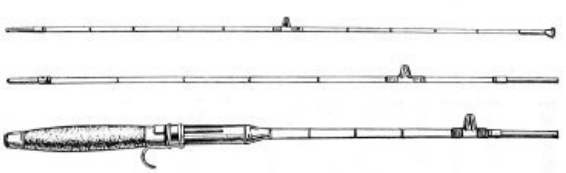
No. J16¾ REVONOC—3 piece, Japanese bamboo, nickel plated trimmings, shoulder ferrules, large heavy spiral wire guides and tip, solid metal reel seat, *cork* grip, finger hook, lengths 4½, 5, 5½ and 6 ft., in paper bag.....per dozen $18.00

No. J17¾ REVONOC—3 piece, with large Kalamazoo guides and tip, lengths 4, 4½, 5 and 5½ ft., in a paper bag, otherwise the same as No. J16¾ REVONOC.....per dozen 20.00

No. 53 REVONOC—3 piece, Calcutta bamboo, *cord wound* grip, extra heavy large wire guides and tip, lengths 4½, 5, 5½ and 6 ft., in a partitioned cloth bag, otherwise same as No. J16¾ REVONOC.....per dozen 17.50

LANCEWOOD CASTING.

No. 62 REVONOC—2 piece, capped ash butt, lancewood tip, nickel plated trimmings, shoulder ferrules, reel bands, large wire guides, angle tip, lengths 4 and 5½ ft., in a partitioned cloth bag.....per dozen $8.80



No. P171 REVONOC—3 piece, lancewood, large strong Kalamazoo guides, large Kalamazoo tip, red silk wound, cork handle below reel seat, finger hook, nickel plated trimmings, a strong and very attractive rod, lengths 4½, 5 and 5½ ft., in a partitioned cloth bag.....per dozen $14.40

SPLIT BAMBOO CASTING.

No. C21 REVONOC—2 piece, nickel plated reel seat, veneered cork grip, shoulder ferrules, two ring spiral guides, ring top, silk windings, length 5 ft., in cloth bag.....per dozen $12.00

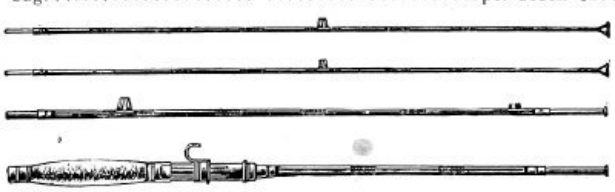
"REV-O-NOC" FISHING RODS.

SPLIT BAMBOO CASTING.

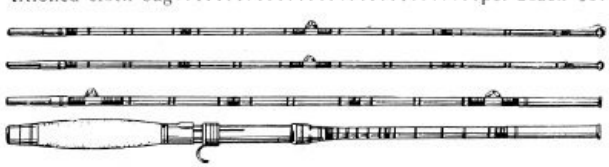
No. 151 REVONOC—2 piece, six strip split bamboo, shoulder ferrules, large wire casting guides and tip, solid metal reel seat, *cork* grip, nickel plated mountings, red silk wound, lengths 4½, 5, 5½ and 6 ft., in a partitioned cloth bag.....per dozen $14.40

No. 206 REVONOC—2 piece and extra tip, six strip split bamboo, nickel plated trimmings, welted shoulder ferrules, large "20th Century" casting guides and tips, solid metal reel seat, red and green silk wound, 3¼ in. *cork* grip, finger hook, lengths 4½, 5 and 5½ ft., in a partitioned cloth bag.....per dozen $17.70

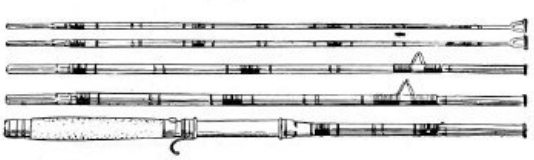
No. 133 REVONOC—3 piece and extra tip, six strip split bamboo, solid metal reel seat, 3½ in. *cork* grip, finger hook, large wire casting guides and tips, cluster winding of red silk, welted shoulder ferrules, lengths 4½, 5, 5½ and 6 ft., in a partitioned cloth bag.....per dozen $27.20



No. 209 REVONOC—3 piece and extra tip, steel vine split bamboo, welted shoulder ferrules, solid metal reel seat, 4½ in. cork grip, *finger hook*, full nickel trimmings, German silver "20th Century" guides, stirrup tips, fancy cluster winding of red, black and green silk, lengths 4½, 5 and 5½ ft., in a partitioned cloth bag.....per dozen $37.50



No. 218 REVONOC—3 piece and extra tip, African steel vine hexagonal split bamboo, *German silver* trimmings, *agate* casting first guide, balance "20th Century" guides, one *agate* casting tip, one stirrup tip, solid metal reel seat, 3¾ in. *solid* cork grip, finger hook, welted shoulder ferrules, cluster winding of red and black silk, with extra winding between, very closely wound, lengths 4½ and 5½ ft., in a partitioned canvas bag, per dozen $96.00



No. 216 REVONOC—4 piece and extra tip, Calcutta cane, six strip split bamboo, nickel plated trimmings, German silver "20th Century" guides, stirrup tip, welted shoulder ferrules, solid metal reel seat, 3¾ in. cork grip, finger hook, cluster winding of green and red silk, with extra windings between, lengths 4½ and 5 ft., in a partitioned flannel bag.....per dozen $41.60

No. 216AT REVONOC—4 piece and extra tip, *agate* casting first guide, balance German silver "20th Century" guides, one *agate* casting tip, lengths 4½ and 5 ft., in a canvas bag, otherwise same as No. 216. REVONOC.....per dozen 74.00

SPECIAL TROLLING.

No. T159 REVONOC—2 piece, split bamboo, cord wound handle, nickel plated trimmings, solid metal reel seat, large trumpet guides, silk wound, length 5½ ft., in partitioned cloth bag, per dozen $44.40

LANCEWOOD FLY.

No. 16 REVONOC—3 piece and extra tip, Cuban lancewood, nickel plated trimmings, shoulder ferrules, solid metal reel seat *below* zylonite grip, ring tie guides, single ring tips, red silk wound, length about 10 ft., in a partitioned cloth bag, per dozen $18.00

SPLIT BAMBOO FLY.

No. 155 REVONOC—3 piece, six strip split bamboo, nickel plated trimmings, shoulder ferrules, solid metal reel seat *below* cork grip, ring tie guides, fly tip, red and green silk wound, lengths 9½ and 10 ft., w't about 6½ oz., in cloth bag.....per dozen $12.00

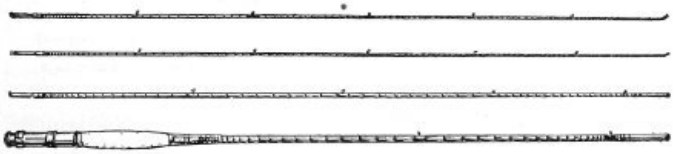
No. 165 REVONOC—3 piece and extra tip, on wood form in cloth bag, otherwise same as No. 155 REVONOC.....per dozen $15.00

No. 167 REVONOC—3 piece and extra tip, six strip high grade split bamboo, *nickel plated* shoulder ferrules, solid metal reel seat *below* cork grip, snake guides, fly tips, closely wound with red and green silk, length 10 ft., w't about 7½ oz., on wood form in cloth bag.....per dozen $24.00

No. 195 REVONOC—3 piece and extra tip, six strip selected split bamboo, welted shoulder ferrules, nickel plated trimmings, either ring tie or snake guides, fly tips, solid metal reel seat below cork grip, red or black silk winding, length 10 ft., w't about 7½ oz., on cloth covered form in cloth bag.....per dozen $26.00

"REV-O-NOC" FISHING RODS.

SPLIT BAMBOO FLY.



No. 169 REVONOC—3 piece and extra tip, fine quality six strip split bamboo, nickel plated mountings, welted shoulder ferrules, either ring tie or snake guides, fly tips, solid metal reel seat below cork grip, very closely wound with red and green silk, cluster winding on butt, lengths 9 and 10 ft., w't about 7 oz., on cloth covered form in cloth bag..... per dozen $27.50

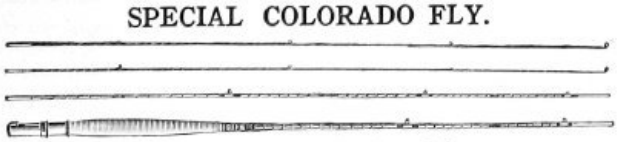
No. 173 REVONOC—3 piece and extra tip, extra quality six strip split bamboo, welted shoulder ferrules, snake guides, fly tips, solid metal reel seat below cork grip, nickel plated trimmings, closely wound with black and green silk, lengths 9½ and 10 ft., w't about 7 oz., on flannel covered form in cloth bag, per dozen $29.00

No. 193 REVONOC — 3 piece and extra tip, selected six strip split bamboo, welted shoulder ferrules, snake guides, solid metal reel seat below cork grip, nickel plated trimmings, fly tips, closely wound with maroon and old gold silk, length 10 ft., w't about 7 oz., on flannel covered form, in a cloth bag..... per dozen $42.80

No 202 REVONOC — 3 piece and extra tip, selected bright cane, six strip split bamboo, nickel plated mounting, solid metal reel seat *below* cork grip, welted shoulder ferrules, snake guides, fly tips, cluster wound of dark green silk with extra winding between, swelled butt, lengths 9 and 10 ft., w't about 6 oz., on flannel covered form with *leather cups* in flannel bag.... per dozen $46.80

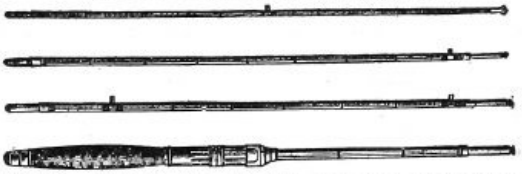
No. 210 REVONOC — 3 piece and extra tip, China cane, six strip split bamboo, *inlaid*, showing cedar above grip, swelled butt, welted shoulder ferrules, German silver snake guides, fly tips, solid metal reel seat below cork grip, very closely wound with red and black silk, length 10 ft., w't about 6½ oz., on flannel covered form with *leather* cups and straps in a canvas bag, per dozen..... $72.00

SPECIAL COLORADO FLY.



No. 293 REVONOC — 3 piece and extra tip, best Calcutta cane, six strip split bamboo, *hand made*, full *German silver* trimmings, welted shoulder ferrules, snake guides, fly tips, solid metal reel seat below grip, special 10 in. *solid cork balanced* grip, which makes rod evenly balanced, a feature found in no other rod, closely wound with old gold and black silk, length 9½ ft., w't 6 oz., on *velvet* covered form with *leather* cups and straps in a canvas bag..... per dozen $216.00

SPLIT BAMBOO TRUNK.



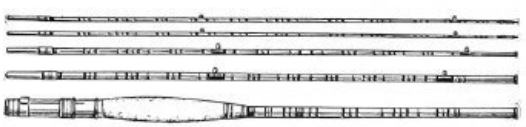
No. 180 REVONOC — 4 piece, bait, six strip split bamboo, shoulder ferrules, solid metal reel seat *above* fancy polished wood handle, spiral wire guides, ring tip, nickel plated trimmings, red and black silk winding, length 7 ft., in a partitioned cloth bag, length in bag 23 in..... per dozen $17.20

No. 185 REVONOC — 4 piece, fly, six strip split bamboo, shoulder ferrules, solid metal reel seat *below* fancy polished wood handle, ring tie guides, ring tip, nickel plated trimmings, red and black silk winding, length 7 ft., in a partitioned cloth bag, length in bag 23 in..... per dozen $17.20

No. 186.

No. 186 REVONOC — 4 piece and extra tip, bait, hexagonal split bamboo, nickel plated trimmings, shoulder ferrules, spiral wire guides, tube tips, solid metal reel seat *above* cork grip, very closely wound with red and black silk, length 7 ft., in a partitioned cloth bag, length in bag 22 in..... per dozen $34.40

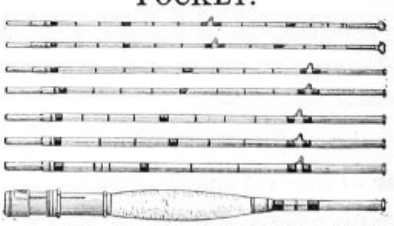
No. 187 REVONOC — 4 piece and extra tip, fly, hexagonal split bamboo, nickel plated trimmings, shoulder ferrules, solid metal reel seat *below* cork grip, ring tie guides, single ring tip, very closely wound with red and black silk, length 7 ft., in a partitioned cloth bag, length in bag 22 in..... per dozen 34.40



No. 188 REVONOC — 4 piece and extra tip, fly, Calcutta cane, six strip split bamboo, welted shoulder ferrules, solid metal reel seat *below* cork grip, nickel plated mountings, ring tie guides, ring tips, extra closely wound with green silk, making rod very strong, length 7½ ft., on red flannel covered form in red flannel bag, length in bag 23 in. ..... per dozen $60.00

Trunk rods are made so that when taken down they can be carried in trunk or suit case.

POCKET.



No. V72 REVONOC— 8 piece, six strip split bamboo, *13 in. joints*, nickel plated trimmings, welted ferrules, solid metal reel seat below cork grip, German silver snake guides, one 1 ring and one 3 ring tip, three ring tip fits in 5th joint making a 6 ft. rod, cluster winding of purple silk, trimmed with red, also extra winding between, making rod very strong, lengths 6 and 7 ft., in a partitioned cloth bag..... per dozen $60.00

"REV-O-NOC" FISHING RODS.

COMBINATION BAIT AND FLY.

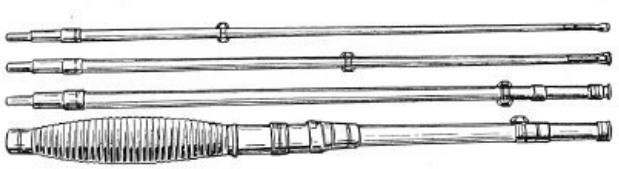
No. 40 REVONOC—6 piece, Cuban degame, nickel plated trimmings, shoulder ferrules, solid metal reel seat, zylonite grip, special wire tie guides, can be used as a four joint 8 ft. rod with tube tip or a five joint 10 ft. rod with fly tip, red silk wound, in a partitioned cloth bag.....per dozen $22.80

No. 115 REVONOC—4 piece, six strip split bamboo, can be used as a 3 piece 10 ft., or a two piece 7 ft. rod, nickel plated trimmings, spiral wire guides, tube tips, solid metal reel seat, cork grip, double shoulder ferrules, red and green silk wound, on wood form in a cloth bag.....per dozen $30.80

SPECIAL SALT WATER.

No. SW232 REVONOC—2 piece, lancewood, celluloid handle, solid metal reel seat, trumpet guide, double hole top, length 6½ ft., per dozen..... $25.20

No. SW220 REVONOC—2 piece, split bamboo, celluloid handle, solid metal reel seat, nickel plated heavy wire guides, double hole top, length 5½ ft.....per dozen $26.40



No. SW071 REVONOC—Combination, 3 piece, with extra tip, lancewood, celluloid handle, solid metal reel seat, nickel plated double trumpet guides; 3 piece, 8 ft. long; 2 piece 6½ ft. long, per dozen..... $42.00

No. SW231 REVONOC—3 piece, split bamboo, celluloid handle, solid metal reel seat, nickel plated double trumpet guides, length 8½ ft.....per dozen $48.00

STEEL BAIT.

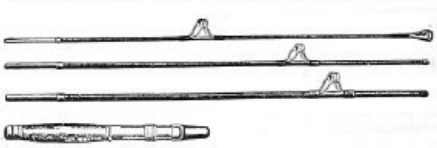
No. 75 REVONOC—3 piece and butt, enameled black, nickel plated plated trimmings, cork grip, solid metal reel seat above hand, solderless two ring German silver guides, three ring tip, w't 7¼ to 9¾ oz., lengths 5, 5½, 6, 6½, 8½ and 10 ft., in partitioned cloth bag.....per dozen $48.00

STEEL CASTING.

No. 76¼ REVONOC—3 piece and butt, enameled black, nickel plated mounting, cork grip, solid metal reel seat above hand, large German silver casting guides, large agate tip, w't 7 to 7½ oz., lengths 4½, 5 and 5½ ft., in a black partitioned cloth bag, per dozen..... $72.00

No. 76½ REVONOC—3 piece and butt, enameled black, nickel plated trimmings, cork grip, solid metal reel seat above hand, agate first guide, agate tip, balance German silver trumpet guides, length 5, 5½, 6, 6½ and 7½ ft., in partitioned cloth bag, per dozen..... $81.60

No. 76¾ REVONOC—3 piece and butt, enameled black, nickel plated trimmings, cork grip, solid metal seat above hand, agate first guide, agate tip, balance German silver casting guides, finger hook on sliding reel band, w't 7 to 7½ oz., lengths 4, 4½, 5 and 5½ ft. in a partitioned cloth bag .....per dozen $90.00

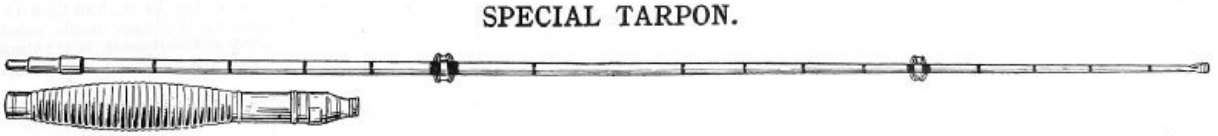


No. 77 REVONOC—Fitted with short cork grip handle with patent detachable finger hook, guides are large agate casting style with special agate casting top, all German silver mounted, finished in black enamel, w't 8 to 9 oz., 4½, 5 and 5½ ft. lengths, per dozen..... $144.00

STEEL FLY.

No. 083 REVONOC—3 piece and butt, enameled black, nickel plated mountings, cork grip, solid metal reel seat below hand, German silver ring guides, one ring tip, w't 8¾ to 9¼ oz., lengths 9 and 10 ft., in a partitioned cloth bag. .....per dozen $48.00

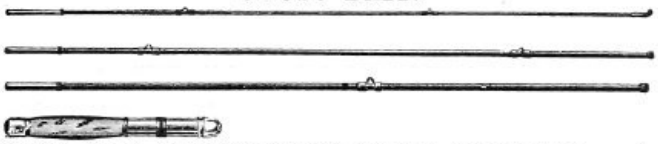
SPECIAL TARPON.



No. T21 REVONOC—2 piece, lancewood, celluloid handle, solid metal reel seat, nickel plated double trumpet guides, short butt, long tip, length complete 7 ft. long.....per dozen $54.00

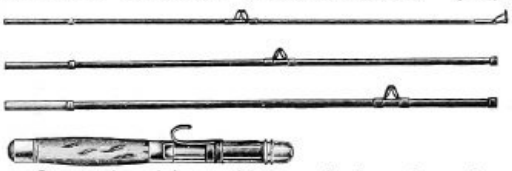
STEEL FISHING RODS.

CRUSO BAIT.



No. 675—CRUSO, three joints and butt, cork grip, reel seat above handle, nickel plated fittings, enameled in dead black, German silver two-ring standing guides, German silver three-ring top, lengths 5, 5½, 6, 6½, 7½, 8½ and 10 ft., in partitioned cloth bag.....per dozen $24.00

CRUSO NEW MODEL "KALAMAZOO" CASTING.



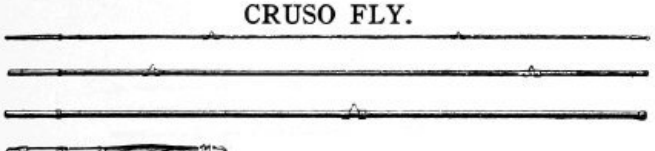
No. 677 —CRUSO, three joints and butt, cork grip, reel seat above handle, nickel plated fittings, nickel plated finger hook, enameled dead black, large size German silver two-ring tie guides, special shaped large size German silver three-ring top, lengths 4, 4½, 5, 5½ and 6 ft., in partitioned cloth bag....per dozen $28.00

No. 676¼—CRUSO, special pattern large size German silver two-ring tie guides, special pattern large size German silver mounted agate top, lengths 4, 4½, 5, 5½ and 6 ft., otherwise same as No. 677.....per dozen 44.80

No. 676¾—CRUSO, large size German silver agate first guide and top, lengths 4, 4½, 5, 5½ and 6 ft., otherwise same as No. 677, per dozen..... 52.80

No. 678 —CRUSO, special pattern large size German silver mounted agate guides throughout, agate top, lengths 4, 4½, 5, 5½ and 6 ft.....per dozen 68.00

CRUSO FLY.



No. 683—CRUSO, three joints and butt, cork grip, reel seat below handle, nickel plated fittings, enameled in dead black, German silver snake guides, German silver one-ring fly top, in partitioned cloth bag, lengths 9 and 10 ft.....per dozen $25.60

CRUSO SPECIAL MUSCALLONGE.

No. 684—CRUSO, long cork handle, reel seat above handle, agate first guide, rest German silver trumpet guides, double hole agate tip, lengths 6½ and 7½ ft.....per dozen $81.60

CRUSO GENERAL PURPOSE.

No. 681—CRUSO, five joints, two tops, one shortener, reversible handle, can be used as an 8 fly rod, 8 ft. bait rod, 7½ ft. bait rod, 5 ft. muscallonge rod, 5 ft. trolling rod, 4½ and 6½ ft. casting rod.....per dozen $104.00

The most practical combination rod made.

BRISTOL BAIT.

No. 175 —3 joints and butt, enameled black, nickel plated trimmings, solid metal reel seat above hand, celluloid grip, German silver tie guides, three ring tip, banded at small ends, w't 8½ to 10½ oz., lengths 5, 5½, 6, 6½, 7, 7½, 8½ and 10 ft., in a partitioned cloth bag.....per dozen $75.60

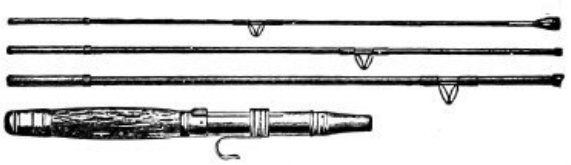
No. 176 —3 joints and butt, enameled black, solid metal reel seat above hand, celluloid grip, *agate* first guide, *agate* tip, balance German silver tie guides, banded at small ends, w't 8½ to 9½ oz., lengths 5, 5½, 6, 6½ and 7½ ft., in a partitioned cloth bag.....per dozen 98.28

No. 175½—3 joints and butt, enameled black, nickel plated trimmings, solid metal reel seat above hand, celluloid grip, German silver *trumpet* guides, two hole tip, banded at small ends, w't 8½ to 9½ oz., lengths 5, 5½, 6, 6½ and 7½ ft., in a partitioned cloth bag★.....per dozen 90.72

No. 176½—3 joints and butt, enameled black, nickel plated trimmings, solid metal reel seat above hand, celluloid grip, *agate* first guide, *agate* tip, balance German silver *trumpet* guides, banded at small ends, w't 8½ to 9½ oz., lengths 5, 5½, 6, 6½ and 7½ ft., in a partitioned cloth bag.....per dozen 109.62

No. 177 —3 joints and butt, *full nickel* plated solid metal reel seat above hand, *cork* grip, *agate* first guide, *agate* tip, balance two ring tie guides, banded at small ends, w't 8 to 9 oz., lengths 6, 6½, 7 and 7½ ft., in a partitioned cloth bag★ per dozen 120.96

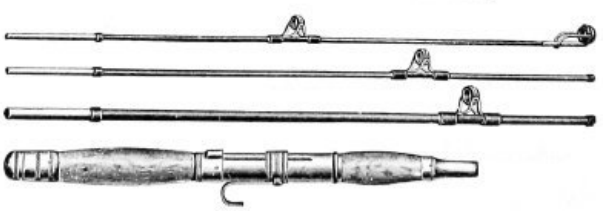
BRISTOL CASTING.



No. 176¼—3 joints, and butt, enameled black, nickel plated trimmings, German silver large casting guides, solid *agate* tip with extra large opening, short *cork* grip, solid metal reel seat above hand, finger hook on sliding reel band, banded at small ends, w't 8 to 8½ oz., lengths 4, 4½, 5, 5½ and 6 ft., in a partitioned cloth bag.....per dozen $105.84

No. 176¾—3 joints and butt, enameled black, nickel plated trimmings, *agate* first guide, *agate* tip, balance German silver casting guides, solid metal reel seat above hand, short *cork* grip, finger hook on sliding reel band, banded at small ends, w't 8 to 8½ oz., lengths 4½, 5, 5½ and 6 ft., in a partitioned cloth bag, per dozen..... 117.18

BRISTOL SPECIAL CASTING.



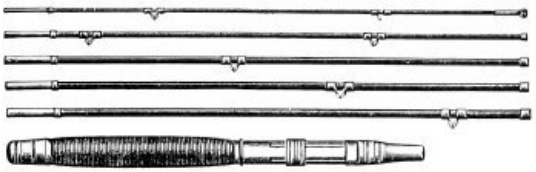
No. 27—3 joints and butt, enameled black, nickel plated trimmings, *all agate*, German silver mountings, special large *agate* casting guides, special offset *agate* tip, 14 in. handle with *double cork* grips with patent detachable finger hook, solid metal reel seat above hand, banded at small ends, w't about 9¾ oz., lengths 4½, 5 and 5½ ft., in a partitioned cloth bag, per dozen..... $106.32

★ *FOR FACTORY SHIPMENT ONLY.*

ALL CRUSO AND BRISTOL STEEL RODS ARE GUARANTEED AGAINST BREAKAGE ON ACCOUNT OF DEFECTIVE MATERIALS OR WORKMANSHIP.

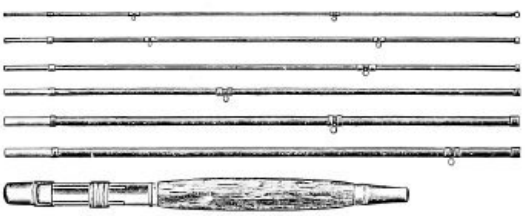
STEEL FISHING RODS.

BRISTOL BAIT TRUNK.



No. 23—Steel, 5 piece and butt, enameled black, nickel plated trimmings, length of joints 17½ in., solid metal reel seat above hand, German silver two ring guides and three ring tip, celluloid grip, w't 9½ oz., length 7 ft. 8 in., in a partitioned cloth bag ..... per dozen $113.40

BRISTOL FLY TRUNK.



No. 24—Steel, 6 piece and butt, enameled black, nickel plated trimmings, solid metal reel seat below hand, celluloid grip, German silver drop ring guides, one ring fly tip, length of joints 17½ in., w't 8½ oz., length 9 ft., in a partitioned cloth bag, per dozen $128.92

No. 183—Steel, 3 piece and butt, enameled black, nickel plated trimmings, solid metal reel seat below hand, German silver tie guides, one ring fly tip, celluloid grip, banded at small ends, w't about 9½ oz., length 9 and 10 ft., in a partitioned cloth bag, per dozen $75.60

BRISTOL TELESCOPIC FLY.

CLOSED.

No. 181—Steel, handle mountings nickel plated, solid reel seat below hand, line runs through center of rod, celluloid grip, w't 10 oz., length telescoped 37 in., extended 10 ft., in a cloth bag, per dozen $60.08

BRISTOL TELESCOPIC BAIT.

CLOSED.

No. 181½—Steel, handle mountings nickel plated, solid metal reel seat above hand, line runs through center of rod, celluloid grip, w't 11 oz., length telescoped 29 in., extended 8½ ft., in a cloth bag ..... per dozen $60.08

BRISTOL MUSCALLONGE.

No. 184—Steel, 2 piece and butt, enameled black, nickel plated trimmings, solid metal reel seat above hand, long celluloid grip, German silver *trumpet* guides, double hole tip, w't 13 oz., lengths 6½ and 7½ ft., in a partitioned cloth bag, per dozen $102.06

BRISTOL TARPON AND TUNA.

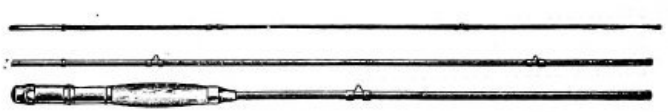
No. 26—Steel, 2 piece and butt, enameled black, nickel plated trimmings, special *agate* German silver mounted guides, *agate* stirrup tip, handle 24½ in. long, celluloid wound above and below hand, reel seat 1 in. in diameter, extra strong rod for heavy fishing, w't 26 oz., length 6¾ ft., in a partitioned canvas bag ★ ..... per dozen $181.44

★ *FOR FACTORY SHIPMENT ONLY.*

SPECIAL BAIT.

No. 495—3 piece, enameled green, nickel trimmings, German silver standing ring guides, three ring tip, solid metal reel seat above *scored wood grip*, lengths 5, 6 and 8 ft. only, in partitioned cloth bag. ..... per dozen $18.00

SPECIAL FLY.



No. 493—3 piece, enameled dead black, nickel plated trimmings, German silver snake guides, one ring fly tip solid metal reel seat below *scored wood grip*, length 9 ft. only, in a partitioned cloth bag. ..... per dozen $18.00

REV-O-NOC FISHING RODS AND REELS.

Our assortment of Rev-o-noc Fishing Rods and Reels is complete in all grades and styles.

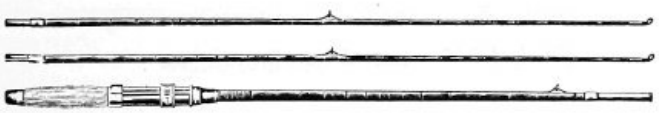
Each pattern is selected by experts for its efficiency and salability and all are guaranteed against defective materials or workmanship.

FISHING RODS AND POLES.

DOWAGIAC CASTING RODS.

No. D1—2 piece, split bamboo tip, wood butt, short butt long tip construction, nickel plated mountings, large wire guides and file proof tip-top, enameled handle and reel seat, guaranteed waterproof, wrapped in one color windings, well varnished, length 5 ft., in partitioned cloth bag.....per dozen $16.00

No. D250—2 piece, split bamboo extra heavy metal parts, nickel plated and polished, cork grip, large wire guides and file proof tip-top, reel seat equipped with Dowagiac locking band which secures reel on seat, improved welted ferrule, wrapped in one color windings, well varnished, lengths 4½, 5 and 5½ ft., in partitioned cloth bag.....per dozen $40.00



No. D4—2 piece, extra tip, selected split bamboo, extra heavy metal parts, nickel plated and polished, cork grip, large wire guides and file-proof tip-top, reel seat equipped with Dowagiac locking band which secures the reel on seat, improved welted ferrule, closely wrapped in green windings, well varnished, lengths 4½, 5 and 5½ ft., in partitioned cloth bag, per dozen $64.00

No. D5—2 piece, selected split bamboo, short butt long tip construction, extra heavy metal parts, nickel plated and polished, improved Dowagiac solid cork grip, forward grip, agate first guide and file-proof steel second guide, agate tip-top, reel seat equipped Dowagiac locking band which secures reel on seat, improved welted ferrule, closely wrapped with silk windings, a high grade rod in every detail, lengths 4½, 5 and 5½ ft., in partitioned cloth bag.....per dozen $80.00

No. D10—2 piece extra tip, selected split bamboo, short butt long tip construction, extra heavy German silver metal parts, improved Dowagiac solid cork grip, forward grip, agate first guide and tip-top on first tip and agate tip-top on second tip, other guides file proof steel, reel seat equipped with Dowagiac locking band which secures the reel on seat, improved welted ferrule, handsomely wound at close intervals with three colors silk, coated with four coats special elastic waterproof varnish, lengths 4½, 5 and 5½ ft., in partitioned canvas bag and *furnished with Dowagiac waterproof leatherette case*, per dozen ★.....$160.00

No. D15—2 piece, extra tip, high grade selected split bamboo, short butt long tip construction, extra heavy and highly ornamented German silver metal parts, improved Dowagiac solid cork grip, forward grip, all agate guides and tip-top Dowagiac improved design, reel seat equipped with Dowagiac locking band which secures the reel on seat, improved hand welted satin finished ferrule, handsomely wound at close intervals with four colors silk, coated with four coats special elastic waterproof varnish, lengths 4½, 5 and 5½ ft., in partitioned velvet bag, furnished with Dowagiac waterproof leatherette case ★.....per dozen $240.00

★ *FOR FACTORY SHIPMENT ONLY.*

WOOD BAIT RODS.

No. 1.

No. 1 —3 piece ash, natural finish, single brass ferrules, length about 10 ft., in paper bag.....per dozen $2.00

No. 6½—4 piece stained ash, with natural color tip, double ferrules, standing ring guides, reel bands, capped butt, length about 12 ft., in paper bag.....per dozen $11.40

JOINTED BAMBOO BAIT RODS.

No. 85.

No. 81—2 piece, Japanese bamboo, double ferrules, wire tip, length 8 to 9 ft., in paper bag.....per dozen $2.20

No. 83—2 piece, Hottentot bamboo, double ferrules, ring tie guides, wire tip, length 8 to 9 ft., in paper bag.....per dozen 3.26

No. 85—2 piece, Hottentot bamboo, double ferrules, ring tie guides, wire tip, reel bands, capped butt, length 8 to 9 ft., in paper bag, per dozen..... 4.00

No. 86—2 piece, Japanese bamboo, nickel plated trimmings, solid metal reel seats, wire tie guides, two hole tip, shoulder ferrules, zylonite grip, length about 8 ft., in paper bag.....per dozen $10.50

No. 90—3 piece, Japanese bamboo, double brass ferrules, wire tie guides, wire tip, length 10 to 12 ft., in paper bag.....per dozen $4.00

No. 104—3 piece, mottled bamboo, double brass ferrules, ring tie guides, wire tip, length 10 to 12 ft., in paper bag.....per dozen 8.50

No. 91—3 piece, Japanese bamboo, double brass ferrules, reel bands, ring tie guides, wire tip, capped butt, length 10 to 12 ft., in paper bag.....per dozen $7.20

No. 92—4 piece, Japanese bamboo, double brass ferrules, ring tie guides, wire tip, without butt cap, length 14 to 16 ft., in paper bag.....per dozen $10.00

No. 111—4 piece, Calcutta bamboo, double brass ferrules, standing guide, reel bands, tube tip, capped butt, length 14 to 17 ft., in paper bag.....per dozen 18.60

BAMBOO POLES.

Japanese White Bamboo.

Nos.	412	414	416	418	420	
Length	12	14	16	18	20	ft.
W't per 100	55	85	120	160	200	lbs.
Per hundred	$5.20	6.50	9.60	12.00	15.50	

NOS. 412 AND 414, ONE HUNDRED; BALANCE, FIFTY IN A BUNDLE.

ROD SUNDRIES.

TROLLING TIPS.

No. 50—9 in., BRISTOL, fitted with German silver two ring guide and three ring tip.....per dozen $24.00

EMERGENCY TIPS.

No. 505—2¼ in., for use with steel rods in case of accident to regular tip joint, can be carried in vest pocket, per dozen $1.50

TROLLING STUBS.

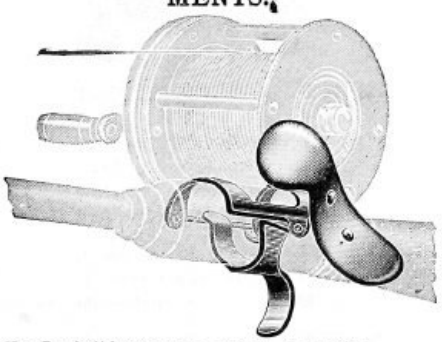
No. 51—9 in., short stiff joint which will fit any of the steel jointed rod handles, fitted with double hole nickel plated tip.....per dozen $19.20

ROD SHORTENERS.

No. 53—2 in., brass, nickel plated, will fit any handle and receive second joint of rod, thus shortening the rod, per dozen $3.00

TWO DOZEN IN A BOX.

HUFFMAN REEL ATTACHMENTS.

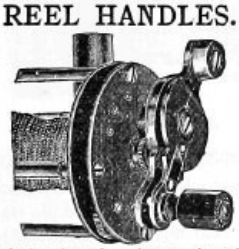


No. 7—Solid German silver, beautiful satin finish, clamps reel firmly on any rod, has a splendid finger hook and hand rest that fits the palm, per dozen..... $24.00

This is a useful device. Its principal use is to enable the angler to hold tackle easily and assist him to lay line evenly and smoothly on reel. The shield part fits the palm perfectly and relieves one of that tiresome, awkward gripping to hold rod in proper position.

ONE IN A BOX.

REEL HANDLES.

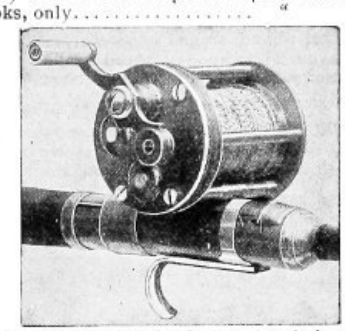


No. 12—Nickel plated ebony handle, per dozen..... $28.00

This handle can be fitted to any reel and greatly increases its efficiency. The handle is made so that there is always a slight drag on the reel. This drag can be made heavier by merely pressing the handle toward the reel. By pressing the handle hard against the reel, the cogs catch and there is no further play given the fish.

FINGER HOOKS.

No. 25—Nickel plated with band, will fit any Bristol rod, complete....per dozen $10.80
Hooks, only..... " 9.00



No. 35—Nickel plated, with two bands for attaching, can be placed in front or back of reel.....per dozen $9.00

ONE IN A BOX.

ROD BUTTONS.

No. 400—Button or body rest, black rubber, will fit any rod.....per dozen $3.00

EXTRA TIP JOINTS.

No. 19—Finished, split bamboo, nickel plated trimmings, assorted lengths and sizes.....per dozen $6.00

REEL HOLDERS.

No. 11G—BROWER'S, length 6½ in., nickel plated, can be attached to any Calcutta or Japanese bamboo pole, will fit any reel, w't per doz. 1⅛ lbs., per dozen..... $3.30

ONE DOZEN IN A BOX.

REEL CASES.

Nos. 16G and 18G.

Nos. 26G and 28G.

No. 16G—60 yd. size, russet leather, per dozen..... $9.00
No. 18G—80 yd. size, russet leather, per dozen..... 9.50
No. 26G—60 yd. size, russet leather, chamois lined.....per dozen 14.00
No. 28G—80 yd. size, russet leather, chamois lined.....per dozen 15.00

ROD CASES.

No. 119G—Single, bass or fly, heavy waterproof canvas, flannel lined, with handle, length up to 40 in., diameter 2 in.....per dozen $10.00

No. 120G—Double, bass or fly, heavy waterproof canvas, flannel lined, with handle, length up to 40 in., diameter 3 in.....per dozen $14.40

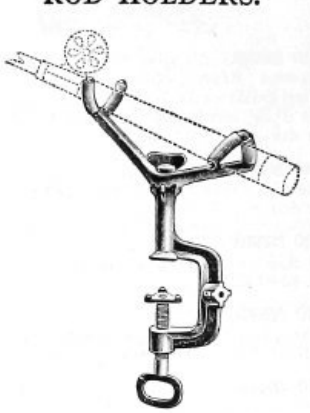
Always specify length of rod when ordering.

No. 126G—Stiff, moulded tan canvas, diameter 2 in., for 2 rods, length 26 in., per dozen..... $ 7.20

No. 228G—Stiff, moulded russet leather, diameter 2 in., for 2 rods, length 28 in., per dozen..... $20.26

No. 78G—For Rev-o-noc, Cruso and Bristol steel rods, glove leather, russet color, specify number and length of rod when ordering.....per dozen $21.60

ROD HOLDERS.



No. 3G—UNIVERSAL, 6 in. spread, malleable iron, well galvanized, rubber covered forks, can be fastened by thumb screw to top or side of clamp, w't per doz. 10½ lbs.....per dozen $10.80

ONE IN A BOX.

"REV-O-NOC" FISHING REELS.

SINGLE ACTION.

No. 225 REVONOC—25 yds., 1 3/16 in. spool, polished brass, w't 2 oz., per dozen $ 1.96

No. 325 REVONOC—With click, otherwise the same as No. 225 REVONOC, per dozen 2.40

No. 625 REVONOC—Nickel plated, with click, otherwise the same as No. 225 REVONOC . . per dozen 2.90

No. 240 REVONOC—40 yds., 1 3/8 in. spool, polished brass, w't 2 1/4 oz., per dozen 2.30

No. 340 REVONOC—With click, otherwise the same as No. 240 REVONOC, per dozen 2.70

No. 640 REVONOC—Nickel plated, with click, otherwise the same as No. 240 REVONOC per dozen 3.20

No. 260 REVONOC—60 yds., 1 3/4 in. spool, polished brass, w't 2 1/2 oz., per dozen 2.50

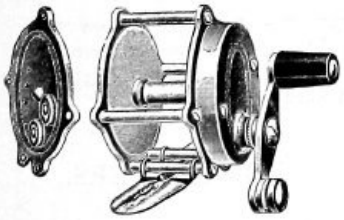
No 360 REVONOC—With click, otherwise the same as No 260 REVONOC, per dozen 3.00

No 660 REVONOC—Nickel plated, with click, otherwise the same as No 260 REVONOC . per dozen 3.50

No 680 REVONOC—80 yds., 1 3/4 in spool, nickel plated with click, w't 3 oz., per dozen 4.20

HALF DOZEN IN A BOX.

DOUBLE MULTIPLYING.



No. 4340 REVONOC—40 yds., 1 1/2 in. spool, polished brass, balanced handle, raised pillar, with back sliding click and drag, screwed plates, w't 4 oz., per dozen. . . . . $ 7.20

No. 4840 REVONOC—Nickel plated, otherwise the same as No. 4340 REVONOC, per dozen. 7.50

No. 4360 REVONOC—60 yds, 1 5/8 in. spool, w't 4 1/2 oz., otherwise the same as No. 4340 REVONOC, ... per dozen 7.80

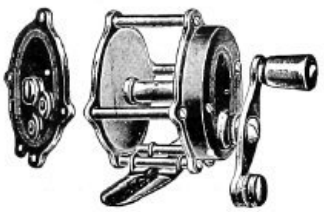
No. 4860 REVONOC—60 yds., 1 5/8 in. spool, nickel plated, w't 3 oz., otherwise the same as No. 4340 REVONOC, per dozen 8.00

No. 4380 REVONOC—80 yds., 1 3/4 in. spool, w't 5 oz., otherwise the same as No. 4340 REVONOC, ... per dozen 9.20

No. 4880 REVONOC—80 yds., 1 3/4 in. spool, nickel plated, w't 3 1/2 oz., otherwise the same as No. 4340 REVONOC, per dozen. 9.60

ONE IN A BOX.

DOUBLE MULTIPLYING.

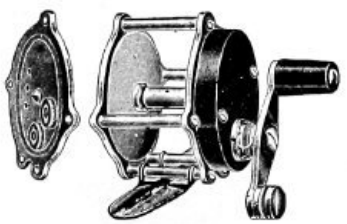


No. 5840 REVONOC—40 yds., 1 3/8 in. spool, nickel plated, milled edges and engraved, white bone balanced handle, raised pillar, click and drag, w't 3 oz. per dozen. $10.00

No. 5860 REVONOC—60 yds., 1 5/8 in. spool, w't 3 1/2 oz., otherwise same as No. 5840 REVONOC . . . . . per dozen 11.60

No. 5880 REVONOC—80 yds., 1 3/4 in. spool, w't 4 oz., otherwise same as No. 5840 REVONOC . . . . . per dozen 12.40

ONE IN A BOX.

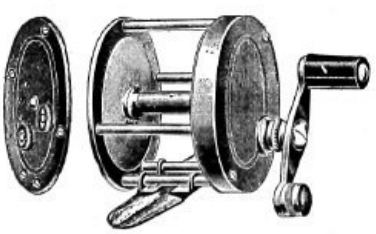


No 4940 REVONOC—40 yds. 1 1/2 in. spool, nickel plated, raised pillar, balanced handle screwed plates, rubber cap, with patent adjustable back sliding drag, and back sliding click, w't 2 1/2 oz . . . . . per dozen $10.00

No. 4960 REVONOC—60 yds., 1 5/8 in. spool, w't 3 oz., otherwise same as No 4940 REVONOC . . . . . per dozen 11.60

No. 4980 REVONOC—80 yds., 1 3/4 in spool, w't 3 1/2 oz., otherwise same as No 4940 REVONOC. . . . . per dozen 12.50

ONE IN A BOX.



No. 1240 REVONOC—40 yds., 1 3/4 in. spool, double multiplying, nickel plated, round disc., balanced handle, screwed plates, with fine steel pivots in brass bushed bearings, back sliding click and drag, w't 3 oz., per dozen. $12.80

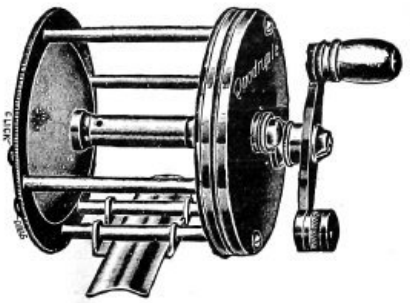
No. 1260 REVONOC—60 yds., 1 3/4 in. spool, w't 3 1/2 oz., otherwise same as No. 1240 REVONOC. . . . . per dozen 14.20

No. 1280 REVONOC—80 yds., 1 7/8 in. spool, w't 4 oz., otherwise same as No. 1240 REVONOC . . . . . per dozen 15.70

No. 12100 REVONOC—100 yds., 2 in. spool, w't 4 oz., otherwise same as No. 1240 REVONOC. . . . . per dozen 17.80

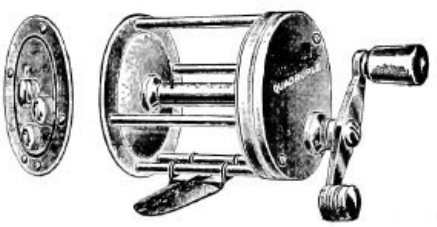
ONE IN A BOX.

QUADRUPLE MULTIPLYING.



No. 88 REVONOC—80 yds., long spool, 1 3/4 in., nickel plated, steel pinion, adjustable click and drag, balanced fancy bone handle, w't 7 oz., per dozen. $16.00

ONE IN A BOX.

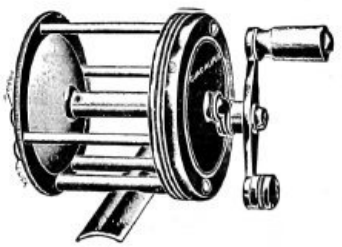


No. 1940 REVONOC—40 yds., 1 3/8 in spool, wide pattern, nickel plated, balanced handle, screwed plates with fine brass pivots in bronze bushed bearings, patent adjustable back sliding drag and click, w't 6 oz. per dozen $15.60

No. 1960 REVONOC—60 yds., 1 5/8 in. spool, w't 6 1/2 oz., otherwise same as No. 1940 REVONOC . . . . . per dozen 16.80

No. 1980 REVONOC—80 yds., 1 3/4 in. spool, w't 7 oz., otherwise same as No. 1940 REVONOC . . . . . per dozen 18.00

ONE IN A BOX.



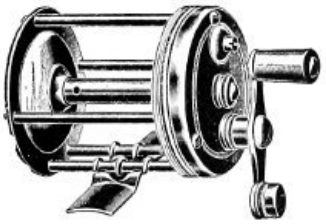
No. 2360 REVONOC—60 yds., 1 1/2 in. spool, nickel plated, white bone balanced handle, fine extended steel pivots in bushed bearings with screw off oil cups, patent adjustable back sliding click and drag, w't 6 3/4 oz., per dozen $26.40

No. 2380 REVONOC—80 yds., 1 3/4 in. spool, w't 7 oz., otherwise same as No. 2360 REVONOC . . . . . per dozen 30.00

ONE IN A BOX.

"REV-O-NOC" FISHING REELS.

REV-O-NOC "LONG SPOOL."



Nickel Plated, Quadruple Multiplying.

No. 8260 REVONOC—60 yds., 1⅞ in. spool, balanced white handle, brass pivots, patent adjustable front sliding drag and back sliding click, w't 7 oz., per dozen..... $27.00

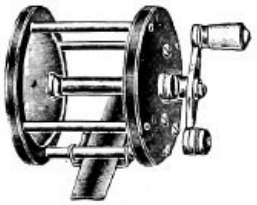
No. 8280 REVONOC—80 yds., 1⅞ in. spool, w't 8 oz., otherwise the same as No. 8260 REVONOC.....per dozen 29.00

No. J8260 REVONOC—60 yds., 1⅞ in. spool, jeweled, w't 7 oz., otherwise the same as No. 8260 REVONOC..per dozen 48.00

No. J8280 REVONOC—80 yds., 1⅞ in. spool, jeweled, w't 8 oz., otherwise the same as No. 8260 REVONOC..per dozen 54.00

ONE IN A BOX.

REV-O-NOC "DELAVAN."



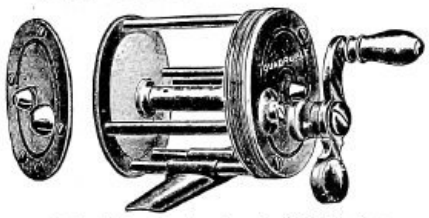
Nickel Plated, Quadruple Multiplying.

No. 1760 REVONOC—60 yds., 1⅝ in. spool, hard rubber plates, balanced handle, with patent adjustable back sliding click and drag (steel springs and ratchet) with oil cup, w't 5½ oz., per dozen..... $28.50

No. 1780 REVONOC—80 yds., 1¾ in. spool, w't 5¾ oz., otherwise the same as No. 1760 REVONOC.....per dozen 31.40

ONE IN A BOX.

REV-O-NOC "ST. CROIX."



Nickel Plated, Quadruple Multiplying.

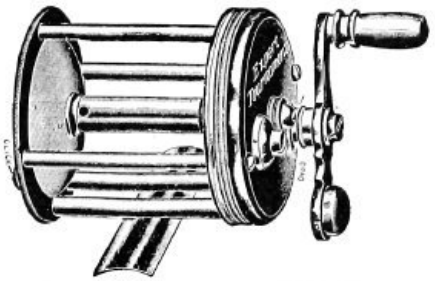
No. 2160 REVONOC—60 yds., 1½ in. spool, bass casting, wide spool, Kentucky pattern, white balanced handle, back sliding adjustable drag, steel pivots, oil cups on front and back plates, w't 7 oz.....per dozen $46.40

No. J2160 REVONOC—*Jewe'ed*, otherwise same as No. 2160 REVONOC..... 63.60

No. 2180 REVONOC—80 yds., 1⅝ in. spool, w't 8 oz., otherwise same as No. 2160 REVONOC.....per dozen 50.40

ONE IN A BOX.

REV-O-NOC "PROFESSIONAL."



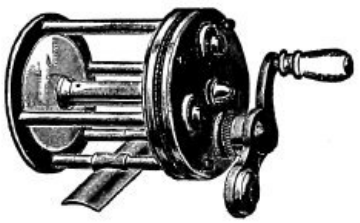
Nickel Plated, Quadruple Multiplying.

No. 6160 REVONOC—Casting, 60 yds., satin finish, long spool 1⅝ in., steel pivots, steel axle, pinion cover, steel pinion, adjustable click and drag, balanced fancy white handle, w't 8 oz., per dozen..... $44.20

No. J6160 REVONOC—Jeweled, otherwise the same as No. 6160 REVONOC, per dozen..... 57.80

ONE IN A BOX.

REV-O-NOC "NAPOLEON."



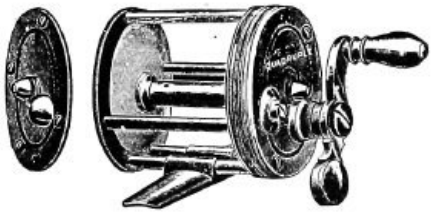
Nickel Plated, Quadruple Multiplying.

No. J5160 REVONOC—60 yds., 1⅞ in. spool, round wide patterns, front sliding click and drag, steel pinion, pivots and cog post, Kentucky pattern cross plates, fancy balanced crank handle with white grip, jewels in oil cups, w't 8 oz.. .....per dozen $65.60

No. J5180 REVONOC—80 yds., 2 in. spool, w't 9 oz., otherwise the same as No. 5160 REVONOC.....per dozen 74.00

ONE IN A BOX.

REV-O-NOC "TOURNAMENT."



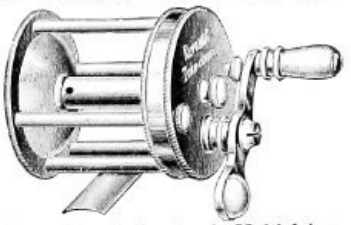
Solid German Silver, Quadruple Multiplying.

No. 9160 REVONOC—Kentucky pattern, 60 to 80 yds., wide pattern, 1⅞ in. spool, pinion and pivots one-piece Stubb's steel, hardened and ground, phosphor bronze bushing, fancy oil cups, white handle, fancy balanced crank, hand polished front sliding drag, back sliding click, w't 8 oz. per dozen $120.00

No. J9160 REVONOC—Jeweled bearings, otherwise the same as No. 9160 REVONOC, per dozen..... 144.00

ONE IN A BOX.

REV-O-NOC "TAKE-DOWN."



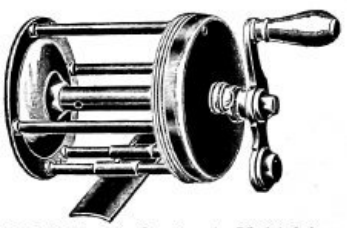
Nickel Plated, Quadruple Multiplying.

No. 2560 REVONOC—60 yds., 1½ in. spool, back sliding adjustable click, front sliding steel pivots, pinions and click ratchets, balanced handle, w't 7 oz. per dozen..... $48.00

No. 2580 REVONOC—80 yds., 1⅝ in. spool, w't 8 oz., otherwise the same as No. 2560 REVONOC.....per dozen 50.40

ONE IN A BOX.

REV-O-NOC "SPECIAL."

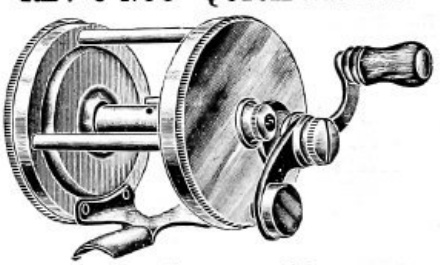


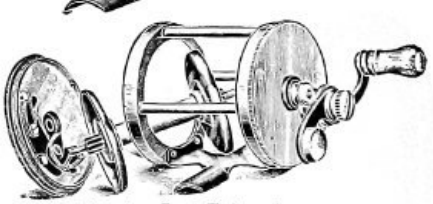
Nickel Plated, Quadruple Multiplying.

No. J8480 REVONOC—80 yds., 1⅞ in. spool, *take-apart*, with extra quality extension steel pivots in bushel bearings, jewels in oil cups, patent adjustable back sliding click, ivory tusk balanced handle, w't 7 oz., per dozen..... $72.00

ONE IN A BOX.

REV-O-NOC "QUICK-APART."





Showing Reel Taken Apart.

German Silver, Quadruple Multiplying.

No. J7160 REVONOC—60 yds., 1⅝ in. spool, jeweled, steel pivots, balanced bone handle, w't 7 oz.....per dozen $80.00

No. J7180 REVONOC—80 yds., 1¾ in. spool, w't 8 oz., otherwise the same as No. J7160 REVONOC.....per dozen 86.00

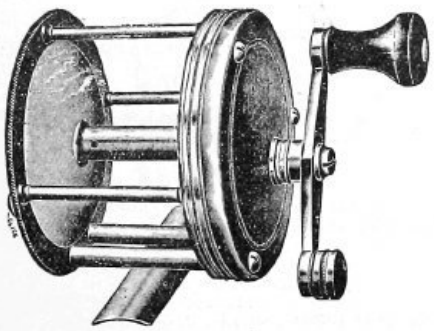
These reels have patent internal click. This click is connected by turning left disk half inch to the right. The reels are very handsomely finished and are made so that there is not a screw visible anywhere.

ONE IN A BOX.

We invite particular attention to our assortment of "Take-apart" reels. These reels are made so that the fisherman can take apart, oil, clean and assemble without the use of any tool.

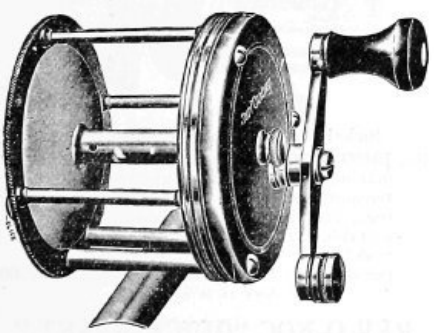
FISHING REELS.

"REV-O-NOC" SALT WATER.



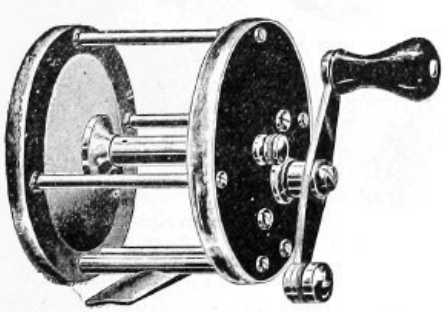
No. T150 REVONOC—Surf-casting or trolling, 150 yds., 2¼ in. spool, double multiplying, nickel plated, adjustable back-sliding click, covered pinion, w't 13 oz. . . . . per dozen $34.00

ONE IN A BOX.



No. T200 REVONOC—Surf-casting or trolling, 200 yds., extra strong, 2¾ in. spool, quadruple multiplying, nickel plated, steel pivots, steel axle, covered pinion, adjustable back-sliding click, balanced ebonized wood handle, w't 17 oz. . . . . per dozen $45.60

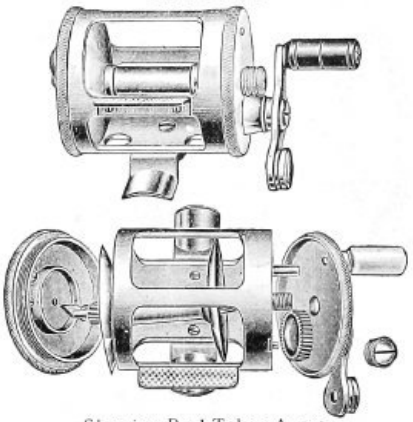
ONE IN A BOX.



No. 6100 REVONOC—Rubber surf-casting, 200 yds., 2⅛ in. spool, reverse metal bound, nickel plated metal parts, quadruple multiplying, adjustable back-sliding click and drag, bridged front plate, coffee grinder handle, Kentucky pattern cross plate, steel cog post, click spring, tongue and ratchet, w't 16 oz. . . . . per dozen $48.00

ONE IN A BOX.

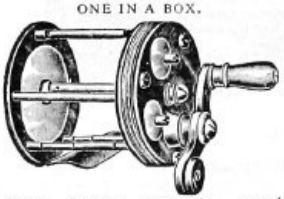
MEEK'S.



Showing Reel Taken Apart.

No. 34—BLUE GRASS SIMPLEX, 100 yds., spool 1⅝ in., quadruple multiplying, new design with thumb rest, easily taken apart by unscrewing cap on back end and thumb nut on front end, cannot be put together wrong, frame of one piece seamless tubing, threaded on the interior, gear is hardened Stubbs' steel ground and polished, pinion of hardened steel, pivot and pinion one solid piece, back sliding click of oil tempered steel, brass and German silver, all brass parts finely nickel plated, w't 7 oz. . . . . per dozen $135.00

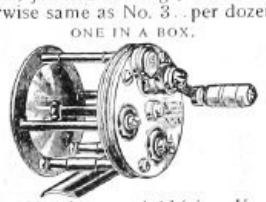
ONE IN A BOX.



No. 3—BLUE GRASS, 100 yds., spool 1⅝ in., quadruple multiplying, special hand cut gears, tempered tool steel pivots and studs, balanced ivory handle, front sliding click and drag, screw off oil caps, German silver, perfect workmanship and adjustment, w't 8 oz. . . . . per dozen $270.00

No. J3—BLUE GRASS, 100 yds., spool 1⅝ in., jeweled bearings, w't 8 oz., otherwise same as No. 3 . . per dozen 360.00

ONE IN A BOX.

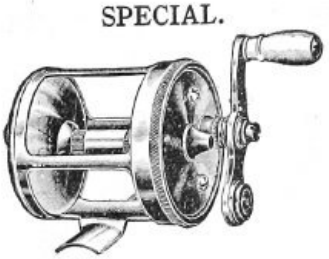


No. M3—100 yds., spool 1½ in., Kentucky pattern spiral gear giving strength, power and smoothness, pinion is hand cut from genuine Stubbs' steel drill rod, gear cut from solid hard drawn brass rod, and teeth of both pinion and gear are round at bottom, pinions running entirely through spool arbor, making pivots and pinions in one solid piece, very rigid, bearings anti-friction metal, frame entirely of German silver, balanced ivory handle, quadruple multiplying, front sliding click and drag, handle always on top unless made to order, w't 7½ oz. . per dozen $504.00

No. MJ3—100 yds., spool 1½ in., jeweled bearings, w't 7½ oz., otherwise same as No. M3 . . . . per dozen 612.00

ONE IN A BOX.

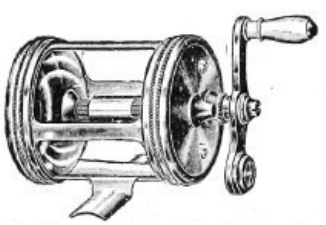
SPECIAL.



No. 3580—TRI-PART, 80 yds., spool 1⅜ in., quadruple multiplying, reel frame and reel seat are drawn from one piece of plate brass, no solder joints or rivets, German silver spool, bearings are steel and bronze, ground to a perfect fit, highly polished, noiseless, w't 6¼ oz. . . . . per dozen $57.60

No. 3680—FREE-SPOOL TRI-PART, otherwise same as No. 3580 . . . . per dozen 107.20

ONE IN A BOX.



No. 3780—TAKE-A-PART, 80 yds., spool 1⅝ in., quadruple multiplying, tubular frame, made of solid piece of tubing, with flat cross bars, no screws or rivets to work loose, steel pivots and gears, solid steel shaft, head and end plates adjustable, so that handle and click can be placed in any position, rear sliding click, highly nickel finish with German silver spool, w't 7¾ oz. . . . . per dozen $69.50

No. 3980—FREE-SPOOL TAKE-A-PART, otherwise same as No. 3780, per dozen. 120.00

FEATHER LIGHT.

No. 3240.

No. 3280.

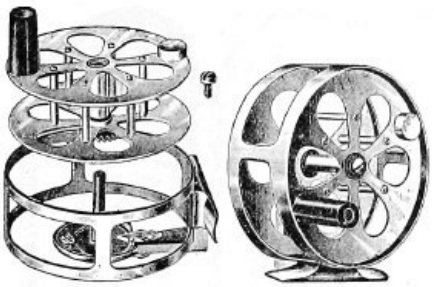
No. 3240—FEATHERLIGHT, 60 yds., spool 2¼x¾ in., frame and reel seat of one piece, no screws to jar loose, removable spool, back sliding double pointed click and steel spindle, nickel plated, lightest reel made, very strong, w't 3 oz. . . . . per dozen $19.80

No. 3280—FEATHERLIGHT, 80 yds., spool 2¼x1 in., very light, removable open spool, back sliding steel click and steel spindle, open rear allowing line to dry on reel, nickel plated, w't 4½ oz. . . . . per dozen 28.80

ONE IN A BOX

FISHING REELS.

EXPERT.

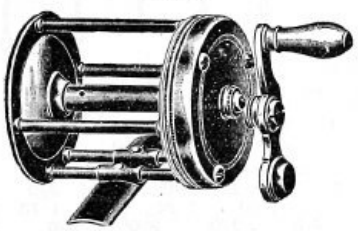


No. 3419—EXPERT, 60 yds., spool 2¼x¾ in., new patent guard which acts as a drag by the pressure of the thumb on the guard, extra hard spring metal, impossible to bend out of shape, click wheel and click spring of hardened and tempered steel, sliding click, spool can be removed with a coin, w't 4½ oz.....per dozen $28.80

No. 3417—EXPERT, 100 yds., spool 3x1 in., w't 6½ oz., otherwise same as No. 3419.....per dozen 36.00

ONE IN A BOX.

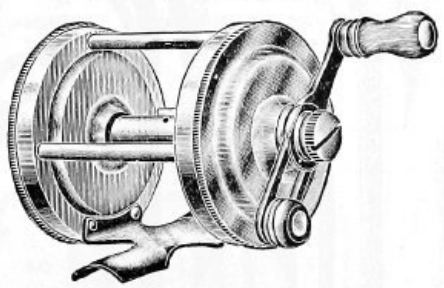
REV-O-NOC CHICAGO CASTING.



Nickel Plated, Quadruple Multiplying.

No. J8380 REVONOC—80 yds., long spool 1⅞ in., Kentucky pattern, balanced ivory handle, extension steel pivots in bushed bearings, with oil cups, patent back sliding click, jeweled bearings, w't 8 oz.....per dozen $60.00

NINE MULTIPLE.



No. J4160—60 yds., 1⅝ in. spool, German silver, jeweled steel pivot, adjustable extension handle, w't 7 oz., per dozen..... $108.00

No. J4180—80 yds., 1¾ in. spool, w't 8 oz..... per dozen 120.00

These reels have patent internal click. This click is connected by turning left disk one-half inch to right. The handle can be extended or shortened at will to accommodate the amount of weight to be pulled in.

The reel is very handsomely finished and is made so that there is not a screw visible anywhere on the reel.

ONE IN A BOX.

AUTOMATIC.

No. 80—ROCHESTER, 100 yds., automatic, aluminum, satin finish, steel wearing parts, winding automatically 100 ft. without rewinding, automatic tension, w't 6½ oz. .....per dozen $66.00

This reel is light and strong and so simple in construction that it cannot get out of order.

ONE IN A BOX.

No. M75—MARTIN, automatic, 35 yds., 5/16 in. spool, diameter 3¼ in., without lock brake, aluminum top, nickel plated base, main spring is wound by turning top plate to right, line is wound by pressure on brake lever, w't 8 oz.....per dozen $72.00

No. 76—MARTIN, automatic, 40 yds., ⅜ in. spool, diameter 3¼ in., with lock brake, w't 8 oz., otherwise same as No. 75.....per dozen 80.00

No. 77—MARTIN, automatic, 50 yds., 5/8 in. spool, diameter 3¼ in., with lock brake, w't 8 1-5 oz., otherwise same as No. 75.....per dozen 88.00

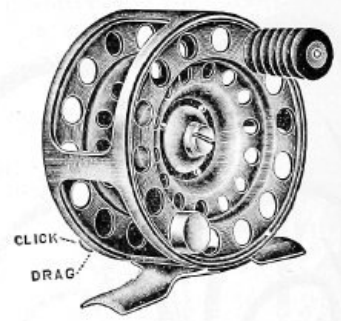
ONE IN A BOX.

GEM.

No. 89—60 yds., nickel plated, light weight, adjustable click and line guide, w't 2 oz.....per dozen $8.50

ONE IN A BOX.

IDEAL.



No. 91—60 yds., solid German silver, adjustable click and drag, balanced handle, w't 4 oz. .....per dozen $24.00

No. 92—100 yds., w't 6 oz., otherwise the same as No. 91.....per dozen 30.00

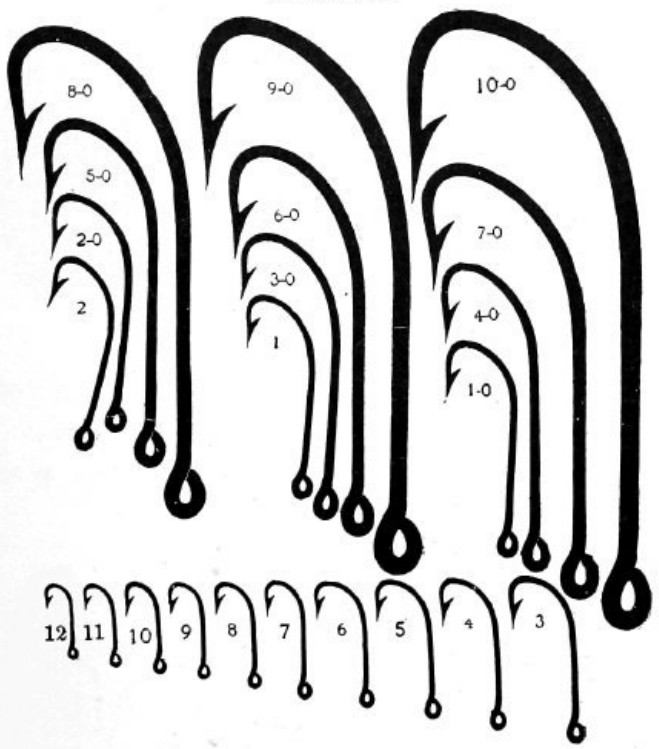
This is a light, handsome and serviceable reel. It has an open spool which dries the line quickly.

ONE IN A BOX.

FISH HOOKS.

LIMERICK RINGED.

Full Size Cuts.



AMERICAN, Filed Point, Japanned, Best Quality.

No. 100—Sizes	**16**	**14**	**12 to 1**	**1/0**	**2/0**	**3/0**	**4/0**
Per thousand	$0.80	.80	.80	1.00	1.20	1.40	1.60
No. 100—Sizes	**5/0**	**6/0**	**7/0**	**8/0**	**9/0**	**10/0**	
Per thousand	$2.00	2.40	2.80	3.60	5.00	6.50	

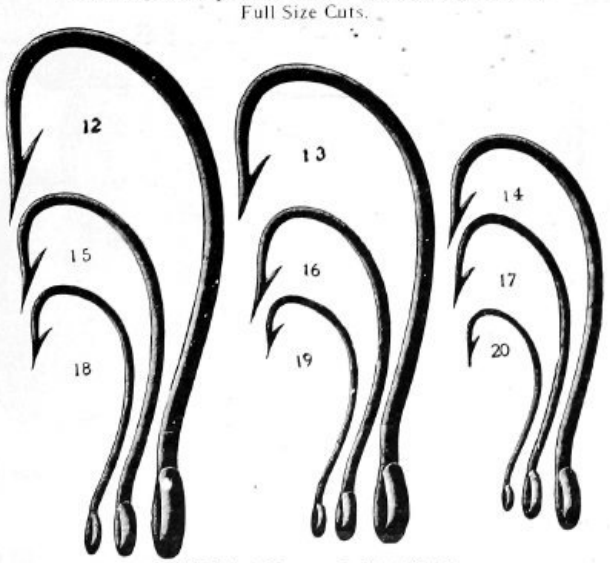
REV-O-NOC, Large Eye, Japanned, Spear Point.

No. 110 REVONOC—Sizes	**4 to 1**	**1/0**	**2/0**	**3/0**	**4/0**	**5/0**	**6/0**
Per thousand	$1.00	1.20	1.50	1.70	2.00	2.40	2.80

100 IN A BOX, 1,000 IN A PACKAGE.

CENTRAL DRAUGHT COD RINGED.

Full Size Cuts.



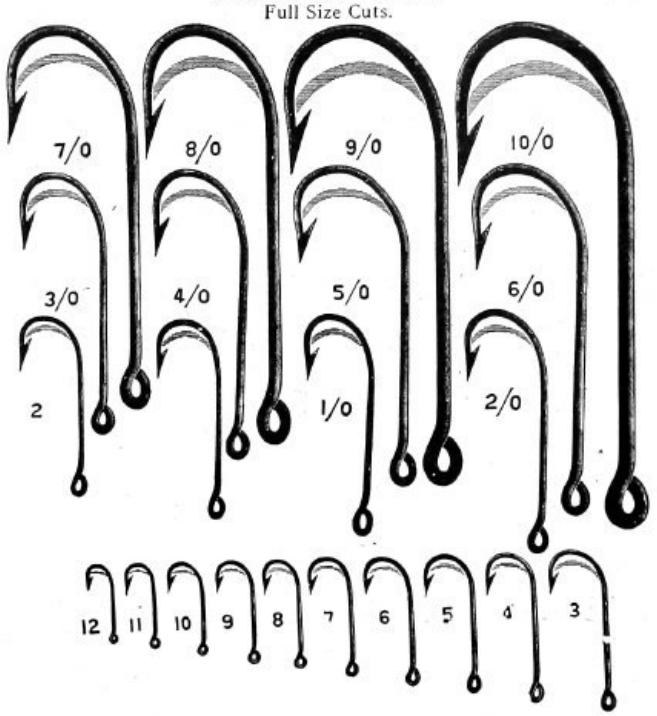
Filed Point, Japanned, Best Steel.

No. 150—Sizes	**20**	**19**	**18**	**17**	
Per gross	$0.28	.28	.30	.34	
No. 150—Sizes ..	**16**	**15**	**14**	**13**	**12**
Per gross	$0.36	.48	.54	.80	1.00

ONE GROSS IN A BOX.

KIRBY RINGED.

Full Size Cuts.



AMERICAN, Filed Point, Japanned, Best Quality.

No. 120—Sizes ..	**16**	**14**	**12 to 1**	**1/0**	**2/0**	**3/0**	**4/0**	**5/0**
Per thousand ...	$0.80	.80	.80	1.00	1.20	1.40	1.60	2.00
No. 120—Sizes ..	**6/0**	**7/0**	**8/0**	**9/0**	**10/0**	**11/0**	**12/0**	
Per thousand ...	$2.40	2.80	3.60	5.00	6.50	7.60	8.54	

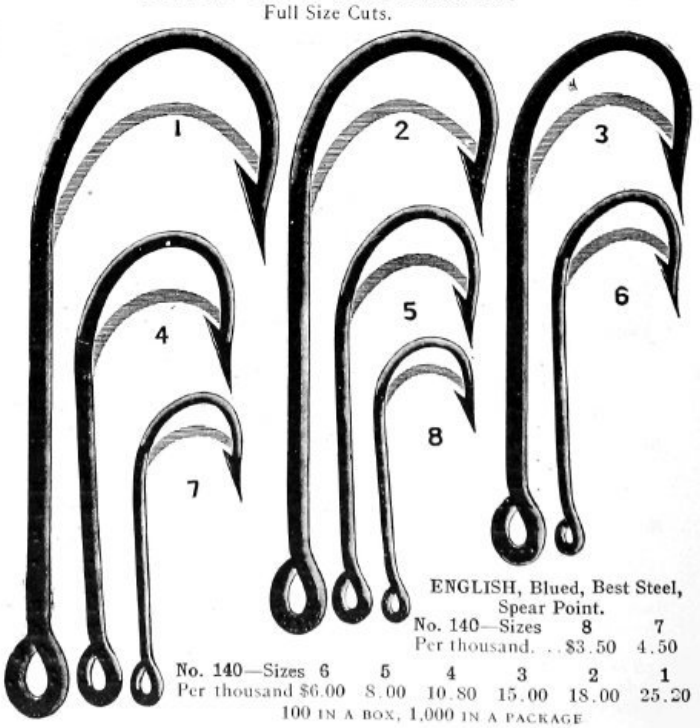
REV-O-NOC, Large Eye, Japanned, Spear Point.

No. 130 REVONOC—Sizes	**16**	**14**	**12 to 1**	**1/0**	**2/0**	**3/0**	**4/0**
Per thousand	$1.00	1.00	1.00	1.20	1.50	1.70	2.00
No. 130 REVONOC—Sizes .	**5/0**	**6/0**	**7/0**	**8/0**	**9/0**	**10/0**	
Per thousand	$2.40	2.80	3.20	4.00	5.40	7.20	

100 IN A BOX, 1,000 IN A PACKAGE.

KIRBY BENT SEA RINGED.

Full Size Cuts.



ENGLISH, Blued, Best Steel, Spear Point.

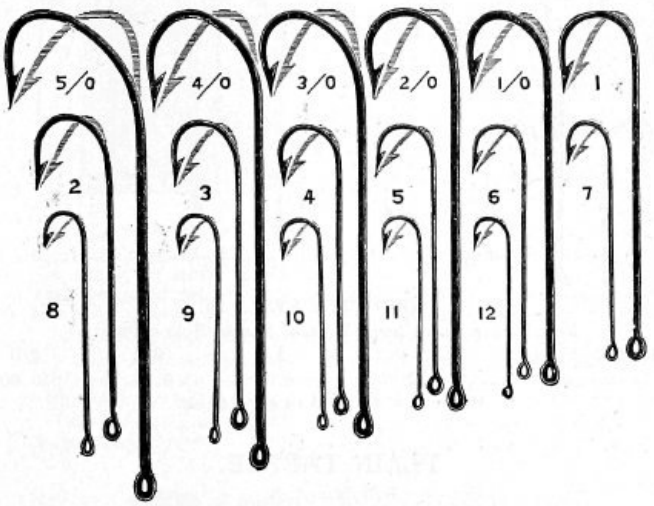
No. 140—Sizes	**8**	**7**					
Per thousand. ..	$3.50	4.50					
No. 140—Sizes	**6**	**5**	**4**	**3**	**2**	**1**	
Per thousand	$6.00	8.00	10.80	15.00	18.00	25.20	

100 IN A BOX, 1,000 IN A PACKAGE

FISH HOOKS.

CARLISLE RINGED.

Full Size Cuts.



AMERICAN, File Point, Blued Finish, High Grade.

No. 200—Sizes	12 to 1	1/0	2/0	3/0	4/0	5/0	6/0	7/0
Per thousand	$1.40	1.70	2.00	2.50	3.00	3.20	3.80	4.60

"REV-O-NOC."

Large Eye, Blued Finish, Spear Point.

No. 210 REVONOC—Sizes	12 to 1	1/0	2/0	3/0	4/0	5/0	6/0
Per thousand	$1.50	1.80	2.00	2.20	2.40	2.70	3.50

"OUR VERY BEST."

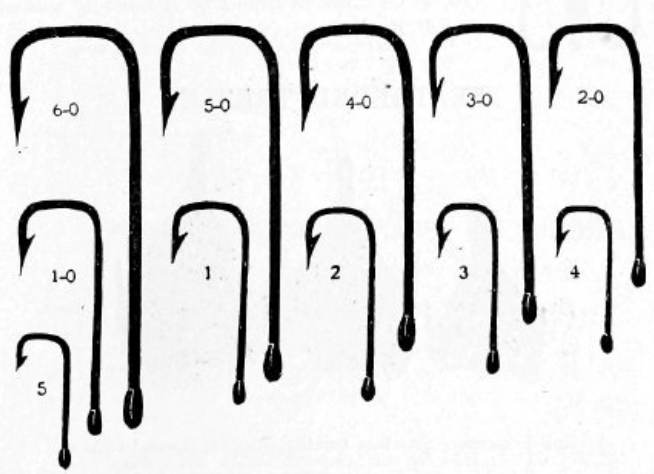
Hollow Point, Blued Finish, High Grade.

No. 220 OVB—Sizes	3 to 1	1/0	2/0	3/0	4/0	5/0
Per thousand	$4.00	5.00	5.50	6.00	6.50	8.00

100 IN A BOX, 1,000 IN A PACKAGE.

KENDAL SNECK RINGED.

Full Size Cuts.



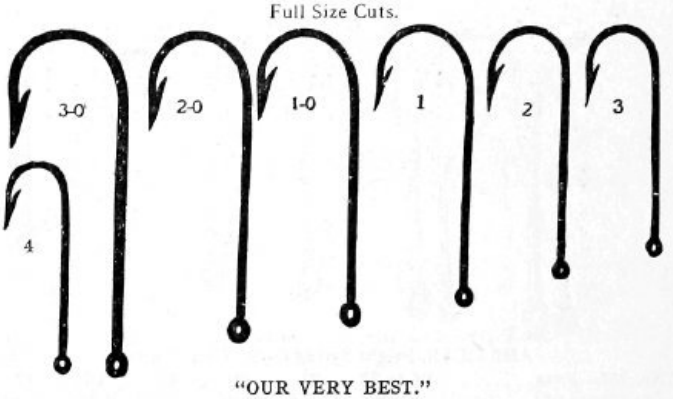
IMPERIAL MILLS, English, Blued Finish, Spear Point.

No. 280—Sizes	5 to 1	1/0	2/0	3/0	4/0	5/0	6/0
Per thousand	$1.40	1.60	1.80	2.00	2.40	2.80	3.20

100 IN A BOX, 1,000 IN A PACKAGE.

ABERDEEN RINGED.

Full Size Cuts.



"OUR VERY BEST."

Blued Spring Steel, Hollow Point.

No. 260 OVB—Sizes	10 to 1	1/0	2/0	3/0
Per thousand	$4.50	5.00	5.50	6.00

100 IN A BOX, 1,000 IN A PACKAGE.

"REV-O-NOC."

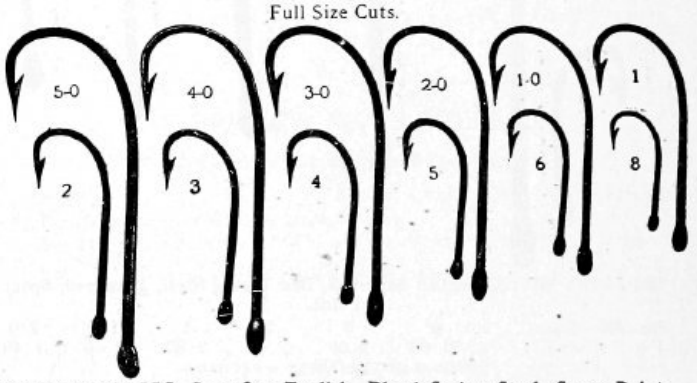
Blued Spring Steel, File Point.

No. 261 REVONOC—Sizes	10 to 1	1/0	2/0	3/0
Per thousand	$1.50	1.80	2.00	2.20

100 IN A BOX, 1,000 IN A PACKAGE.

SPROAT RINGED.

Full Size Cuts.



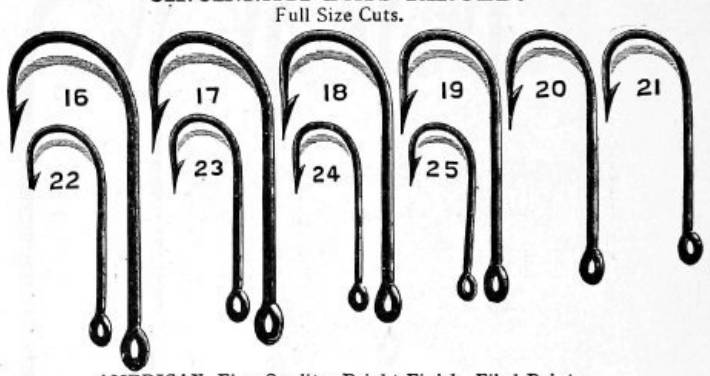
IMPERIAL MILLS, Superfine English, Blued Spring Steel, Spear Point.

No. 270—Sizes	8 to 1	1/0	2/0	3/0	4/0	5/0
Per thousand	$1.40	1.60	1.80	2.00	2.40	2.80

100 IN A BOX, 1,000 IN A PACKAGE.

CINCINNATI BASS RINGED.

Full Size Cuts.



AMERICAN, Fine Quality, Bright Finish, Filed Point.

No. 230—Sizes	25 to 22	21	20	19	18	17	16
Per thousand	$1.40	1.70	2.00	2.50	3.00	3.20	3.80

"REV-O-NOC."

Bright Spring Steel, Spear Point.

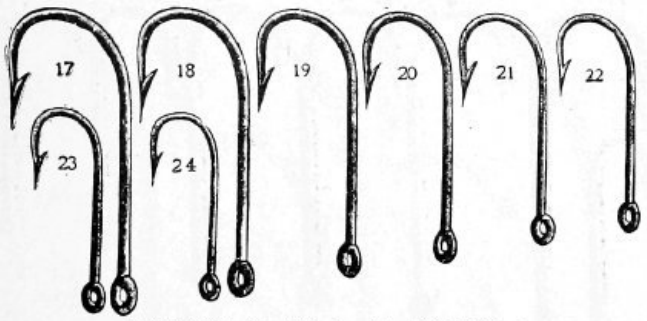
No. 240 REVONOC—Sizes	25 to 22	21	20	19	18	17	16
Per thousand	$1.40	1.70	2.00	2.50	3.00	3.20	3.80

100 IN A BOX, 1,000 IN A PACKAGE.

FISH HOOKS.

INDIANA BASS RINGED.

Full Size Cuts.



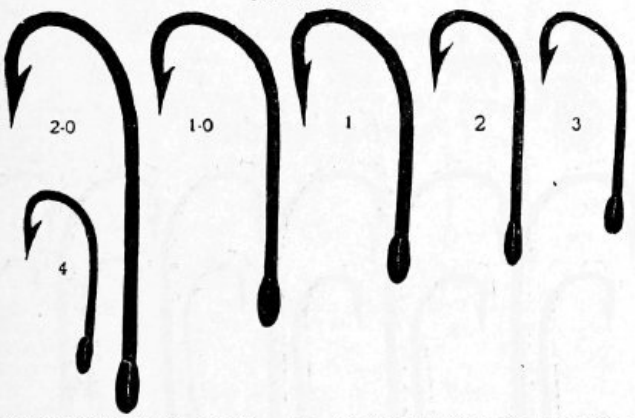
AMERICAN, Bright Spring Steel, Filed Point.

No. 245—Sizes	24 to 22	21	20	19	18	17
Per thousand	$1.40	1.70	2.00	2.50	3.00	3.20

100 IN A BOX, 1,000 IN A PACKAGE.

SHEEPSHEAD RINGED.

Full Size Cuts



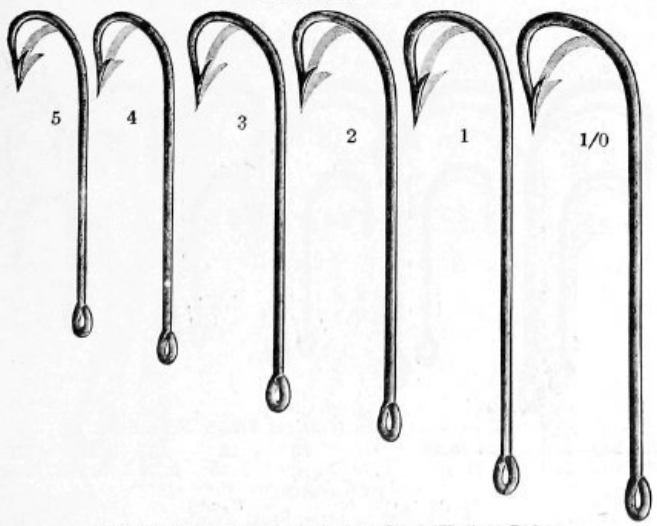
IMPERIAL MILLS, English Superfine, Best Spring Steel, Japanned, Spear Point.

No. 285—Sizes	4	3	2	1	1/0	2/0
Per thousand	$1.60	2.00	2.40	2.80	2.40	4.40

100 IN A BOX, 1,000 IN A PACKAGE.

PACIFIC COAST BASS RINGED.

Full Size Cuts.



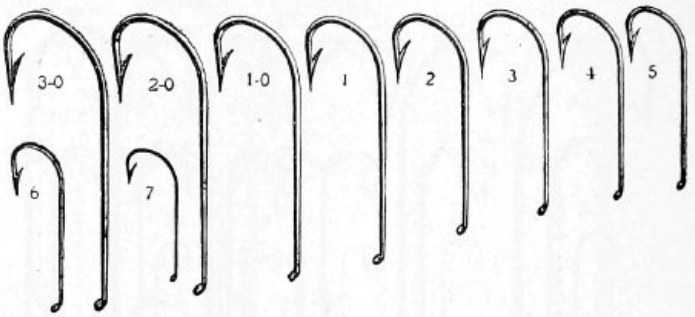
ENGLISH, Best Bronzed Spring Steel, Hollow Point.

No. 286—Sizes	5	4	3	2	1	1/0
Per thousand	$4.60	5.20	6.00	7.00	8.90	10.80

100 IN A BOX, 1,000 IN A PACKAGE.

PENNELL LIMERICK TURN DOWN EYE.

Full Size Cuts.



"OUR VERY BEST."

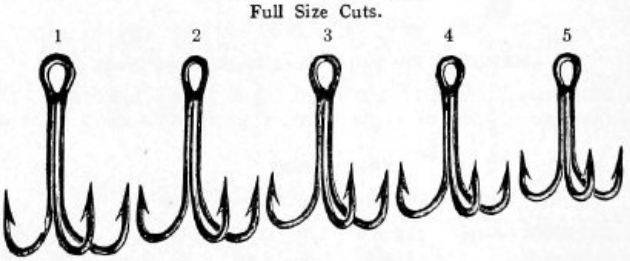
Best Bronze Spring Steel, Tapered Shank, Hollow Point.

No. 290—Sizes	7 to 1	1/0	2/0	3/0
Per thousand	$7.00	8.00	9.00	10.00

100 IN A BOX, 1,000 IN A PACKAGE.

PLAIN TREBLE.

Full Size Cuts.



Standard Quality, Bright Finish, Spear Point, Ringed.

Nos.	5 to 1	1/0	2/0	3/0	4/0	5/0
Per gross	$2.10	2.36	2.64	2.90	3.42	4.48

Nos.	6/0	7/0	8/0	9/0	10/0
Per gross	$5.04	6.34	6.48	9.84	13.20

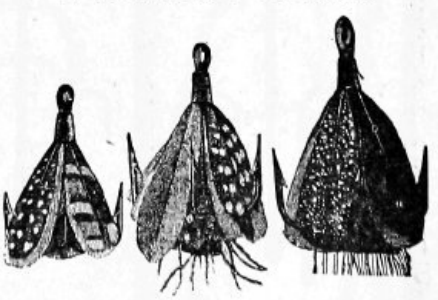
THREE DOZEN IN A BOX.

No. 315—FRIEND'S, size 2, finest quality crucible steel, tempered in oil, can be attached to or detached from any bait in a moment, per dozen $0.70

This is a special plain treble hook with ring similar to a key ring. It is especially adapted for wooden minnows as it can be slipped on or taken off without any trouble.

ONE DOZEN ON DISPLAY CARD IN BOX.

FEATHERED TREBLE.



Full Feathered, Standard Quality, Ringed, Spear Point.

Nos.	5 to 1	1/0	2/0	3/0	4/0	5/0
Per dozen	$0.52	.54	.62	.68	.72	.80

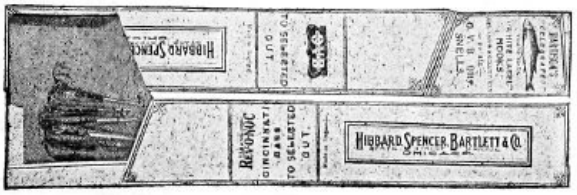
Nos.	6/0	7/0	8/0	9/0	10/0
Per dozen	$0.82	.88	.92	1.28	1.76

For sizes, see cuts above of plain treble hooks.

THREE DOZEN IN A BOX.

SNELLED FISH HOOKS.

"OUR VERY BEST" AND "REV-O-NOC" SNELLED HOOKS.



"Our Very Best," white label, highest quality, English hollow point hooks, hand-made by skilled workmen and tested, of uniform quality and perfect temper, selected 9 in. round gut, assorted white and mist color, knotted and always in proper proportion to the size of hooks, silk wrappings, carefully secured and water-proofed, put up in patent white wrappers.

Carried in stock, Carlisle and Cincinnati Bass.

"Rev-o-noc" snelled hooks are tied to the best selected transparent 7 in. gut, assorted white and mist color, wrapped with silk and water-proofed, made by expert workmen, of uniform quality, put up in patent red wrappers.

Carried in stock Carlisle, Cincinnati Bass and Pennell Limerick Turn Down Eye.

CARLISLE (WHITE LABEL).

For shape and sizes of hooks see page 2115.

Sizes	8 to 1	4 to 1	1/0	2/0	3/0	4/0	5/0	6/0
No. 1300—Single Gut..per gross	$5.00							
No. 1301—Double Gut..per gross		6.00	7.00	7.20	8.50	9.00		
No. 1302—Wire, per gross			7.20	7.50	8.00	8.80	9.60	10.50

No. 1302 hooks are tied to Hercules cable wire.

HALF DOZEN IN A WRAPPER, ONE GROSS IN A BOX.

CINCINNATI BASS (WHITE LABEL).

For shape and sizes of hooks see page 2115.

Sizes	24 to 22	21	20	19	18	17	16
No. 1320—Double Gut, per gross	$6.00	6.00	7.00	7.20	8.50	9.00	9.50
No. 1322—Gimp, per gross		6.20	7.00	7.40	8.10	9.00	10.00

HALF DOZEN IN A WRAPPER, ONE GROSS IN A BOX.

REVONOC CARLISLE (RED LABEL).

For shape and sizes of hooks see page 2115.

Sizes	8 to 1	4 to 1	1/0	2/0	3/0	4/0
No. 1340—Single Gut, per gross	$3.60					
No. 1341—Double Gut, per gross		4.80	5.20	5.60	6.00	7.20

HALF DOZEN IN A WRAPPER, ONE GROSS IN A BOX.

REVONOC CINCINNATI BASS (RED LABEL).

For shape and sizes of hooks see page 2115.

Sizes	24 to 22	21	20	19	18	17	16
No. 1350—Double Gut, per gross	$4.80	5.20	5.60	6.00	7.20	8.30	9.00
No. 1352—Gimp, per gross		5.10	6.00	6.80	7.00	7.50	8.70

HALF DOZEN IN A WRAPPER, ONE GROSS IN A BOX.

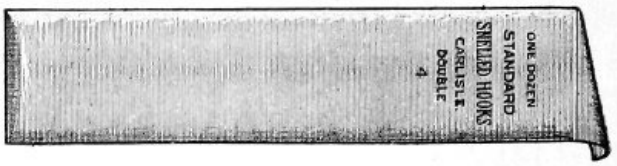
REVONOC PENNELL LIMERICK T. D. E. (RED LABEL).

For shape and sizes of hooks see page 2116.

Sizes	4 to 1	1/0	2/0	3/0	4/0
No. 1360—Double Gut, per gro	$6.90	7.90	8.40	9.00	10.80

HALF DOZEN IN A WRAPPER, ONE GROSS IN A BOX.

SPECIAL SNELLED HOOKS.



Only fine quality spring steel spear point hooks are used, tied to good quality 7 in. gut, assorted mist and white color, strongly tied with silk, put up in wrappers.

Carried in stock, Carlisle, Sproat, Aberdeen, Cincinnati Bass and Kendal Sneck.

CARLISLE No. 4A SPECIAL.

For shape and sizes of hooks see page 2115.

Sizes	10 to 1	1/0	2/0	3/0	4/0	5/0	6/0
No. 1200—Single Gut, per gross	$1.54	1.76	1.98				
No. 1201—Double Gut, per gross	1.98	2.20	2.42	2.64	2.86	3.08	3.30
No. 1202—Gimp, per gross		4.40	4.64	4.84	5.28	6.16	

HALF DOZEN IN A WRAPPER, ONE GROSS IN A BOX.

SPROAT, No. 1S SPECIAL.

For shape and sizes of hooks see page 2115.

Sizes	8 to 1	4 to 1	1/0	2/0	3/0	4/0
No. 1270—Single Gut..per gross	$1.54					
No. 1271—Double Gut. "		1.98	2.20	2.42	2.64	2.86

HALF DOZEN IN A WRAPPER, ONE GROSS IN A BOX.

ABERDEEN No. 1S SPECIAL.

For shape and sizes of hooks see page 2115.

Sizes	10 and 8	6 to 1	4 to 1	1/0	2/0	3/0
No. 1260—Single Gut, per gross	$1.54	1.54				
No. 1261—Double Gut, per gross			1.98	2.20	2.42	2.64

HALF DOZEN IN A WRAPPER, ONE GROSS IN A BOX.

CINCINNATI BASS No. 1S SPECIAL.

For shape and sizes of hooks see page 2115.

Sizes	25 to 22	21	20	19	18	17	16
No. 1231—Double Gut, per gross	$1.98	2.20	2.42	2.64	2.86	3.08	3.30

HALF DOZEN IN A WRAPPER, ONE GROSS IN A BOX

KENDAL SNECK No. 1S SPECIAL.

For shape and sizes of hooks see page 2115.

Sizes	4 to 1	1/0	2/0	3/0	4/0
No. 1281—Double Gut.....per gross	$1.98	2.20	2.42	2.64	2.86

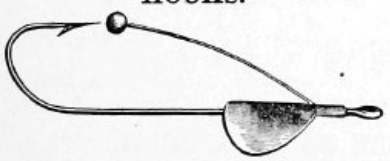
HALF DOZEN IN A WRAPPER, ONE GROSS IN A BOX.

WEEDLESS HOOKS AND SPINNERS.

"REV-O-NOC" PLAIN HOOKS.

No. 120 REV-O-NOC—CARLISLE, hollow point, blued, ringed, sizes 2/0, 3/0, 4/0, 5/0, 6/0 and 7/0.....per dozen $1.00
No. 123 REV-O-NOC—CINCINNATI BASS, hollow point, bright, ringed, sizes 16, 17, 18, 19 and 20.....per dozen 1.00

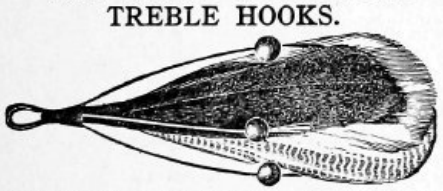
"REV-O-NOC" WEIGHTED HOOKS.



No. 125 REV-O-NOC—CARLISLE, hollow point, blued, ringed, sizes 2/0, 3/0, 4/0, 5/0, 6/0 and 7/0.....per dozen $1.44
No. 128 REV-O-NOC—CINCINNATI BASS, hollow point, bright, ringed, sizes 16, 17, 18, 19 and 20.....per dozen 1.44

ONE ON A CARD; TWO DOZEN IN A BOX.

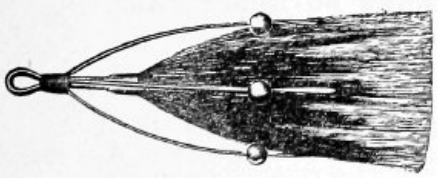
"REV-O-NOC" FEATHERED TREBLE HOOKS.



High Grade, Feathered Very Full, Absolutely Weedless, Can be Attached to Any Spoon Bait.

Nos.....	812	813	814	815
Sizes.....	1/0	3/0	4/0	6/0
Per dozen	$2.80	3.00	3.20	3.80

"REV-O-NOC" BUCKTAIL TREBLE HOOKS.



Long Hair from Buck's Tail, Best Treble Hooks, Weedless, Will not Mat when Wet, Can be Attached to any Spoon Bait.

Nos.....	862	863	864	865
Sizes.....	1/0	3/0	4/0	6/0
Per dozen	$3.40	3.60	3.80	4.30

"REV-O-NOC" CASTING SPINNERS.

No. 33 REV-O-NOC—Size 2 fluted spoon, nickel convex, nickel and red concave, size 3/0 high grade weedless hook, brass box swivel.....per dozen $2.00
No. 34 REV-O-NOC—Size 3 spoon, size 4/0 hook, otherwise same as No. 33 REV-O-NOC.....per dozen 2.00
No. 35 REV-O-NOC—Size 4 spoon, size 5/0 hook, otherwise same as No. 33 REV-O-NOC.....per dozen 2.00

ONE ON A CARD; ONE DOZEN IN A BOX.

BING'S WEEDLESS TANDEM.

No. 18—2/0 Carlisle hooks, with swivel, nickel plated gold tipped spoon, per dozen $3.40

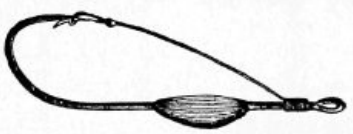
ONE ON A CARD; ONE DOZEN IN A BOX.

No. 19—2/0 Carlisle hooks, with swivel, nickel plated gold tipped spoon, rear double hook .....per dozen $3.60

The rear double hooks make a sure catch for short biters. By placing minnow in center of trailer and putting rubber band around minnow, you are sure of your strike.

ONE ON A CARD; ONE DOZEN IN A BOX.

BING'S PLAIN HOOKS.

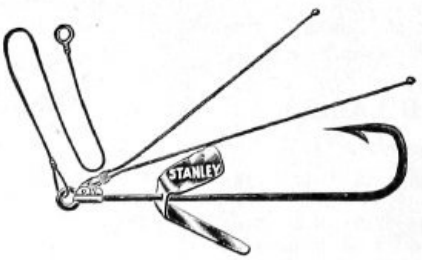


Nos. 37 and 38.

No. 31—CARLISLE, *without weight*, hollow point, ringed, sizes 3/0, 4/0, 5/0 and 6/0,.....per dozen $1.36
No. 32—CINCINNATI BASS, *without weight*, hollow point, ringed sizes 17, 18, 19 and 20.....per dozen 1.36
No. 37—CARLISLE, *weighted*, hollow point, ringed, sizes 3/0, 4/0, 5/0 and 6/0, per dozen..... 1.80
No. 38—CINCINNATI BASS, *weighted*, hollow point, ringed, sizes 17, 18, 19 and 20.....per dozen 1.80

TWO ON A CARD, ONE DOZEN IN A BOX.

STANLEY'S PERFECTION SPINNERS.

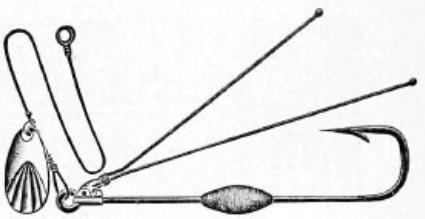


No. 2

No. 1—Plain, sizes 4/0 and 5/0, per dozen $3.60
No. 2—*With spinner*, otherwise the same as No. 1.....per dozen 4.50
No. W2—*Weighted, with spinner*, size 4/0, otherwise same as No. 1. per dozen 5.40
No. 3—*With spoon*, size 4/0, otherwise same as No. 1 .....per dozen 4.50

ONE ON A CARD; ONE DOZEN IN A BOX.

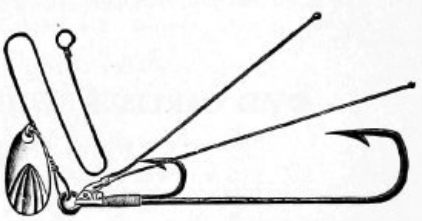
STANLEY'S PERFECTION SPINNERS.



No. 40.

No. 4—Weighted, sizes 4/0 and 5/0, per dozen..... $4.50
No. 40—*With spoon*, size 4/0, otherwise same as No. 4 .....per dozen 5.40

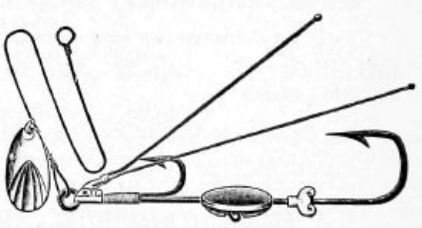
ONE ON A CARD; ONE DOZEN IN A BOX.



No. 50.

No. 5—Pork rind tandem, size 4/0, per dozen $4.50
No. 50—*With spoon*, otherwise same as No. 5.....per dozen 5.40

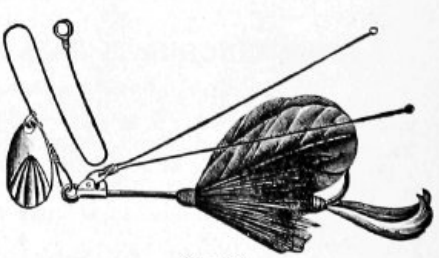
ONE ON A CARD; ONE DOZEN IN A BOX.



No. 60.

No. 6—Frog tandem, sneck hook, size 4/0 and 5/0.....per dozen $6.30
No. 60—With spoon, otherwise same as No. 6.....per dozen 9.00

ONE ON A CARD; ONE DOZEN IN A BOX.



No. 90.

No. 8—Fly, red body and wings, with spinner, white tail, nickel plated spinner, per dozen..... $9.00
No. 90—With spoon, otherwise same as No. 8.....per dozen 9.00

ONE ON A CARD; ONE DOZEN IN A BOX.

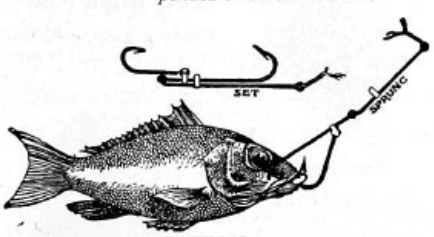
FISH HOOKS AND FLIES.

AUTOMATIC FISH HOOKS.

No. 175—SURE CATCH.....per dozen $4.80
This hook is used for still fishing only. Is baited on needle inside of arms of bait hook. Arms are worked by a strong spring which never fails to act. Hook can be set so that the slightest nibble will spring it.
ONE IN A BOX.

No. 201—MARVEL, size 1, for fish up to 2 lbs., best English steel, securely fastened and joined together by metal clips, upper hook provided with a small cork which opens hook automatically, per dozen $1.50

No. 202—MARVEL, size 2, for fish up to 5 lbs., otherwise the same as No. 201, per dozen 1.50
The hook sets in a perpendicular position, either suspended or on the bottom.

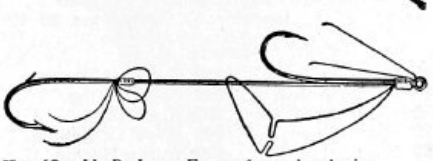


GREER'S.

Nos	150	151	153	155
Size	8	1/0	3/0	5/0
Per dozen	$0.80	1.00	1.40	1.50

The best fish hook on earth for sea, lake and river fishing. No losing bait, nor coming home without your largest fish. No breaking loose nor tearing out. No springs to get out of order.
ONE DOZEN IN A BOX.

FROG HARNESS.



No. 42—U. B. LIVE FROG, front hook size 4/0 sprout, rear hook size 6/0 Carlisle, nickel plated wire holder....per dozen $6.60
The most practical and satisfactory live bait made, frog is so held without hooking that it will remain absolutely alive, allowing free use of body and legs, thus making bait most attractive, unlimited number of casts may be made without injury to frog.
ONE IN A BOX. ONE DOZEN IN A CARTON.

COMBINED FROG AND MINNOW HOOKS.

No. 20½—WELDON'S O. K. blued, double, sizes 2/0 and 3/0.....per dozen $2.70
These hooks can be attached to any weedless hook and the angler then has a tandem hook.
ONE ON A CARD.

GAUZE WING FLIES.

Patterns.
No. 605—Royal Coachman.
No. 625—Professor.
No. 655—White Miller.
No. 675—Coachman.
No. 685—March Brown.
No. 695—Black Spinner.
Silk body, hollow point sprout hook, sizes 6, 8 and 10 hooks, in patterns given above per dozen..... $2.00
These flies are the closest possible imitation of the natural insect's wing. They are very tough and flexible, and are not affected by water.
ONE DOZEN IN A BOX. WE DO NOT BREAK BOXES.

RUBBER BODY FLIES.

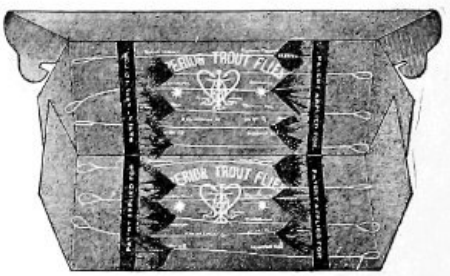
No. 696—MAY FLY, rubber body, gauze wings, tied on 6, 8 and 10 hollow point sprout hooks..per dozen $2.50
ONE DOZEN IN A BOX. WE DO NOT BREAK BOXES.

No. 697—STONE FLY, rubber body, gauze wings, tied on 6, 8 and 10 hollow point sprout hooks..per dozen $3.80
ONE DOZEN IN A BOX. WE DO NOT BREAK BOXES.

GLOW BODY FLIES.

No. 78—Bass, indestructible luminous body, sizes 1, 1/0 and 2/0, hollow point sprout hooks, three on a card, assorted pattern, per dozen cards $5.50
No. 79—Trout, 4, 6 and 8 hollow point sprout hooks, otherwise same as No. 78, per dozen cards $5.00
These glow body or luminous flies are very effective, and are put on an attractive card, measuring 5 x 5 in.
TWELVE CARDS IN A BOX.

TROUT FLY ASSORTMENTS.



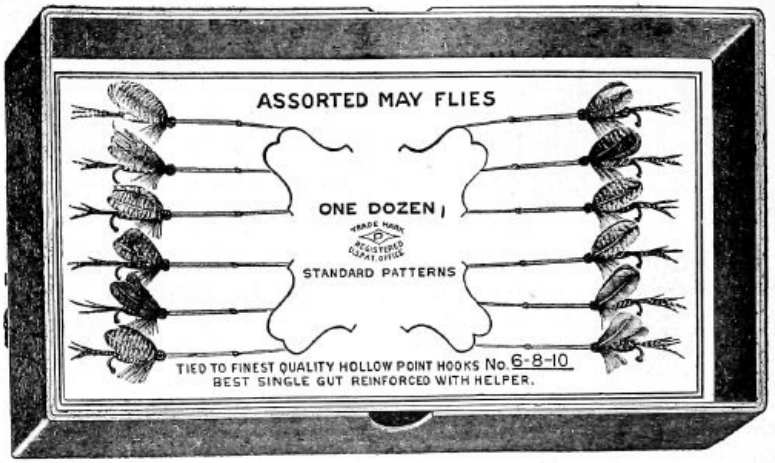
No. 1—Assortment consisting of 1 each of the following flies: Brown Hackle (peacock), Coachman, Bee, Governor, Black Gnat, Abbey, Brown Hackle (yellow), Cow Dung (dark), Brown Ant, Gray Palmer (peacock), Professor, Cinnamon, tied on sizes 6, 8 or 10 sprout hooks, 1 size hook only in a package, per dozen assortments $8.50

No. 2—Assortment consisting of 1 each of the following flies: March Brown, Rube Wood, Beauty, Blue Professor, Gray Palmer (green), White Miller, Imbrie, Lowery, Black Palmer (peacock), Brown Hackle (red), Royal Coachman, Brown Palmer (peacock), tied on sizes 6, 8 or 10 sprout hooks, 1 size hook only in a package....per dozen assortments 8.50

No. 3—Assortment consisting of 1 each of the following flies: Captain, Gray Palmer (yellow), Grizzly King, Dark Montreal, Yellow May, Golden Spinner, Brown Palmer (red), Willow, King of Waters, Light Cow Dung, Shoemaker, Dark Coachman, tied on sizes 6, 8 or 10 sprout hooks, 1 size hook only in a package.....per dozen assortments 8.50

These assortments consist of one dozen flies on 6, 8 or 10 sprout hooks, put up on folder. Easy to carry in pocket, just the thing for short trips.

MAY TROUT FLY ASSORTMENTS.



No. 880—Choice selection of 12 patterns May flies, tied on finest quality Kendall sneck hollow point hooks, silk body, ostrich head, single gut, with helper, per dozen assortments..... $21.00
A strictly high grade fly.
TWELVE FLIES ON BLOTTER BOARD. ONE CARD IN A BOX.

TROUT FLIES.

Professor.

Yellow silk body ribbed with gold tinsel, red tail, brown hackle legs, gray mallard wing.

March Brown.

Dark brown body ribbed with yellow silk, Scotch grouse tail, legs and wing.

White Miller.

White chenile body, gold tinsel tag, white tail, white hackle legs, white wing.

Coachman.

Peacock body, gold tinsel tag, brown hackle legs, white wing.

Montreal, Dark Wing.

Red mohair body ribbed with gold cord, red tail, dark red hackle legs, dark turkey wing.

Scarlet Ibis.

Red silk body ribbed with gold tinsel, red tail, red hackle legs, red wing.

Seth Green.

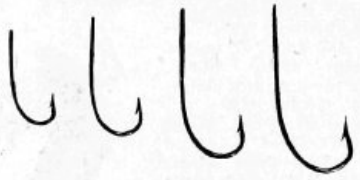
Green silk body wound with yellow silk, brown hackle legs, lead colored wing.

Cow Dung.

Olive colored body with brown hackle legs, and brown wing.

Queen of Waters.

Orange silk body wound with brown hackle its whole length, brown hackle legs, gray mallard wing.



No. 4. No. 6. No. 8. No. 10.
Full size cuts of hooks used on above flies.

Grizzly King.

Green silk body wound with gold tinsel, red tail, gray furnace hackle legs, gray mallard wing.

Black Gnat.

Black ostrich body, gold tinsel tag, black hackle legs, lead colored wing.

Royal Coachman.

Peacock body with red band in center, brown hackle legs, white wing.

Brown Hackle P. B.

Peacock body, gold tinsel tag, brown hackle legs.

Gray Hackle.

Peacock body, gold tinsel tag, gray furnace hackle legs.

Parmachenee Belle.

Yellow mohair body ribbed with gold tinsel, red and white tail, red and white hackle legs, red and white wing.

"REV-O-NOC" I GRADE.

Full silk body dressed with *jungle shoulders*, tied to finest hollow point bronzed sproat hook, stock sizes 4, 6, 8 and 10 hooks, in patterns given below, per dozen..... $1.50

Patterns.

27–Professor.	**327**–Queen of Water.
87–March Brown.	**347**–Grizzly King.
157–White Miller.	**387**–Black Gnat.
177–Coachman.	**407**–Royal Coachman.
187–Montreal.	**577**–Brown Hackle.
197–Scarlet Ibis.	**587**–Gray Hackle.
277–Seth Green.	**707**–Parmachenee Belle.
307–Cow Dung.	

"REV-O-NOC" K GRADE.

High grade, erect divided wing, silk body, tied to finest hollow point bronzed sproat hook, stock sizes 4, 6, 8 and 10 hooks, in pattern given below, per dozen..... $1.12

Patterns.

28—Alder.	**388**—Grizzly King.
88—Brown Hackle.	**408**—Governor.
158—Beaver Hill.	**578**—Gray Hackle.
178—Blue Bottle.	**588**—Jungle Cock.
278—Black Gnat.	**598**—March Brown.
308—Cow Dung.	
348—Coachman.	

"REV-O-NOC" E GRADE.

Full silk body, tied on finest hollow point bronzed sproat hook, stock sizes 4, 6, 8 and 10 hooks, in patterns given below, per dozen..... $0.90

Patterns.

25–Professor.	**325**–Queen of Water.
85–March Brown.	**345**–Grizzly King.
155–White Miller.	**385**–Black Gnat.
175–Coachman.	**405**–Royal Coachman
185–Montreal.	**575**–Brown Hackle.
195–Scarlet Ibis.	**585**–Gray Hackle.
275–Seth Green.	**705**–Parmachenee Belle.
305–Cow Dung.	

"REV-O-NOC" C GRADE.

Silk body, tied on selected file point bronzed sproat hook, stock sizes 4, 6, 8 and 10 hooks, in patterns given below, per dozen..... $0.50

Patterns.

23–Professor.	**323**–Queen of Water.
83–March Brown.	**343**–Grizzly King.
153–White Miller.	**383**–Black Gnat.
173–Coachman.	**403**–Royal Coachman.
183–Montreal.	**573**–Brown Hackle.
193–Scarlet Ibis.	**583**–Gray Hackle.
273–Seth Green.	**703**–Parmachenee Belle.
303–Cow Dung	

NEPIGON B GRADE.

Silk body, tied on spear point sproat hook, stock sizes 4, 6, 8 and 10 hooks, in patterns given below.....per dozen $0.40

Patterns.

22–Professor.	**322**–Queen of Water.
82–March Brown.	**342**–Grizzly King.
152–White Miller.	**382**–Black Gnat.
172–Coachman.	**402**–Royal Coachman.
182–Montreal.	**572**–Brown Hackle.
192–Scarlet Ibis.	**582**–Gray Hackle.
272–Seth Green.	**702**–Parmachenee Belle
302–Cow Dung.	

NEPIGON A GRADE.

Worsted body, tied on selected spear point sproat hook, stock sizes 4, 6, 8 and 10 hooks, in patterns given below, per dozen..... $0.30

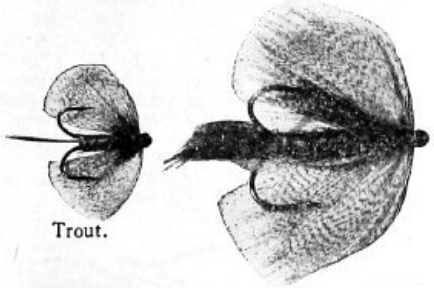
Patterns.

21–Professor.	**341**–Grizzly King.
81–March Brown.	**381**–Black Gnat.
151–White Miller.	**401**–Royal Coachman.
171–Coachman.	**571**–Brown Hackle.
271–Seth Green.	**581**–Gray Hackle.
301–Cow Dung.	

"K" GRADE, HALF DOZEN ON A CARD, ONE CARD IN A BOX; BALANCE, TWO ON A PERFORATED CARD, THREE CARDS CONNECTED.

FLIES AND WEEDLESS HOOKS.

DOUBLE HOOK TROUT AND BASS FLIES.



Trout. Bass.

Trout, weedless, silk body tied on twin hooks, size 8 and 10 hooks, sixteen assorted flies .....per dozen $3.50

Patterns.

771—Bee.	779—Red Ibis.
772—Blue.	780—Yellow May.
773—Bottle.	781—White Miller.
774—Dusty Miller.	782—Parmachenee Belle.
775—Silver Doctor.	783—Montreal.
776—Royal Coachman.	784—Professor.
777—Seth Green.	785—Grizzly King.
778—Lord Baltimore.	786—Beauty and Green Drake.

HALF DOZEN ON A CARD.

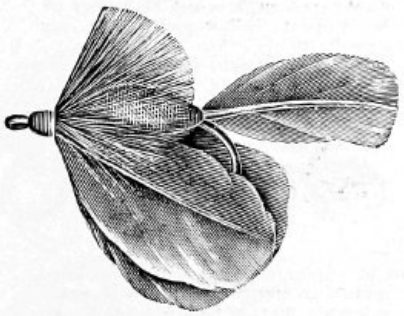
Bass, weedless, silk body tied on twin hooks, size 2/0 and 1/0 hooks, sixteen assorted flies .....per dozen $5.00

Patterns.

671—Bee.	679—Red Ibis.
672—Blue.	680—Yellow May.
673—Bottle.	681—White Miller.
674—Dusty Miller.	682—Parmachenee Belle.
675—Silver Doctor.	683—Montreal.
676—Royal Coachman.	684—Professor.
677—Seth Green.	685—Grizzly King.
678—Lord Baltimore.	686—Beauty and Green Drake.

HALF DOZEN ON A CARD.

"REV-O-NOC" WEEDLESS BASS FLIES.



REVONOC Silk Body—Tied on 3/0 sproat hollow point hook, in patterns given below.....per dozen $1.50

Patterns.

921—Red Ibis.	924—Coachman.
922—Parmachenee Belle	925—White Miller.
923—Lord Baltimore.	926—Seth Green.

REVONOC Weighted—Body tied on 3/0 sproat hollow point hook, in patterns given below.....per dozen $2.54

Patterns.

931—Red Ibis.	934—Coachman.
932—Parmachenee Belle.	935—White Miller.
933—Lord Baltimore.	956—Seth Green.

The feathers protect the hook, making it absolutely weedless.

ONE ON A CARD; ONE DOZEN IN A BOX

"REV-O-NOC" BUCK TAIL BASS FLIES.

These flies are made of genuine buck's tail and will not mat when wet. They are tied to hollow point sproat hooks.

Buck Tail Bass, sizes 1/0 and 2/0 hooks, double gut.....per dozen $2.00

Patterns.

No. 700—Buck, reddish brown wings and hackle, scarlet silk body.

No. 701—Doe, black wings and hackle, yellow silk body.

No. 702—Fawn, wings white, hackle reddish brown, body dark peacock, tail white.

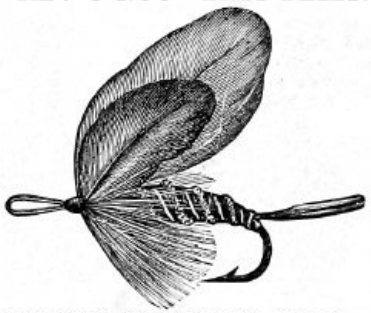
No. 703—King Buck, wings black, streaked with white, hackle reddish brown, scarlet silk body.

No. 704—Princess Fawn, wings white, mixed with yellow, hackle white, green silk body.

No. 705—Queen Doe, wings white and black, hackle reddish brown streaked with black, body light blue silk, bound with gilt, tail light peacock.

ONE ON A CARD; ONE DOZEN IN A BOX.

"REV-O-NOC" BASS FLIES.



A Grade REVONOC—Worsted body, tied on spear point hook, double gut, sizes 1/0, 2/0 and 3/0 hooks, in patterns given below.....per dozen $0.60

Patterns.

741—Seth Green.	746—Royal Coachman.
742—Lake George.	747—Scarlet Ibis.
743—Grizzly King.	748—White Miller.
744—Professor.	749—Brown Hackle.
745—Montreal.	750—Silver Doctor.

B Grade REVONOC—Silk body, tied on spear point bronzed sproat hook, double gut, sizes 1/0, 2/0 and 3/0 hooks, in patterns given below .....per dozen $0.90

Patterns.

761—Seth Green.	766—Scarlet Ibis.
762—Grizzly King.	767—White Miller.
763—Professor.	768—Brown Hackle.
764—Montreal.	769—Silver Doctor.
765—Royal Coachman.	

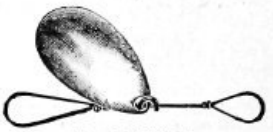
K Grade REVONOC—Full silk body, reversed matched wings, tied to finest hollow point bronzed sproat hook, double gut, sizes 1/0, 2/0 and 3/0 hooks, in patterns given below.....per dozen $1.90

Patterns.

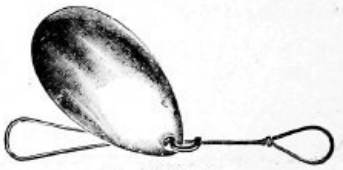
901—Seth Green.	907—White Miller.
902—Lake George.	908—Brown Hackle.
903—Grizzly King.	909—Black Hackle.
904—Professor.	910—Silver Doctor.
905—Royal Coachman.	911—Raven.
906—Scarlet Ibis.	

THREE ON A PERFORATED CARD.

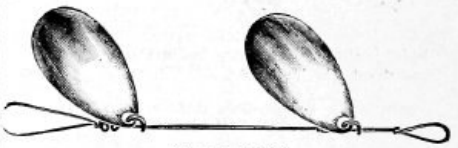
SPINNER BAITS AND ATTACHMENTS.



No. 66 REVONOC.



No. 86 REVONOC.



No. 87 REVONOC.

Single Spinners.

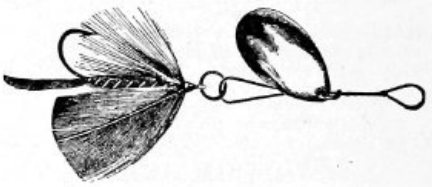
No. 66 REVONOC—Trout, 9/16 in. nickel plated blade, mounted on piano wire, patent reversible carrier, split ring, free running .....per dozen $1.80

No. 86 REVONOC—Bass, 1⅛ in. nickel plated blade, otherwise the same as No. 66 REVONOC.....per dozen 1.80

Double Spinners.

No. 67 REVONOC—Trout, 9/16 in. nickel plated double blades, mounted on piano wire, patent reversible carrier, split ring.....per dozen $2.50

No. 87 REVONOC—Bass, 1⅛ in. nickel plated blades, otherwise the same as No. 67 REVONOC.....per dozen 2.50



Fly Spinners.

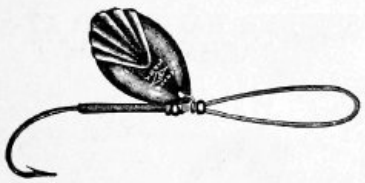
No. 186 REVONOC—Bass, 1⅛ in. nickel plated blade, mounted on piano wire, fancy detachable fly on hollow point hook, per dozen $2.50

No. 187 REVONOC—Bass, 1⅛ in. nickel plated double blades, otherwise the same as No. 186 REVONOC.....per dozen 3.50

No. 188 REVONOC—Bass, 1⅛ in. nickel plated, double blades, mounted on piano wire, buck tail fly on hollow point hook, per dozen..... 3.50

SIX ON A CARD; ONE DOZEN IN A BOX.

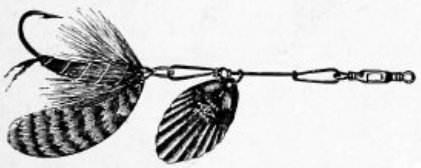
CASTING SPINNERS.



No. 1—Regular, fine quality fluted spinner, nickel plated, convex, red concave, mounted on heavy double gut, improved reversible carriers, easy bearing, size 1 spoon, size 1/0 hook..per dozen $1.20

No. 2—Size 2 spoon, size 2/0 hook, otherwise the same as No. 1 ..... per dozen 1.20

ONE ON A CARD; ONE DOZEN IN A BOX.



No. 7—CATSKILL, 1 in., nickel plated, fluted blade, mounted on fancy fly, box swivel, per dozen $2.00

ONE ON A CARD; ONE DOZEN IN A BOX.

No. 9—CARLETON, nickel plated, mounted on high grade 2/0 sproat bronzed hook, brass box swivel ..... per dozen $1.80

ONE ON A CARD; ONE DOZEN IN A BOX.

No. 11—SKINNER'S, size 1, nickel plated, fluted spoon, mounted on double gut, size 1½, high grade, sproat hook, per dozen $2.30

No. 12—SKINNER'S, size 2, nickel plated, fluted spoon, mounted on gimp, size 2/0 high grade sproat hook ..... per dozen 2.30

No. 13—SKINNER'S, size 3 spoon, size 3/0 hook, otherwise the same as No. 12, per dozen 2.30

ONE ON A CARD; ONE DOZEN IN A BOX.

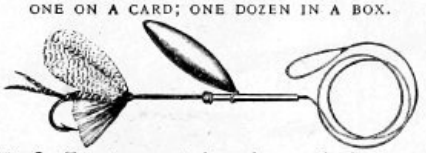
No. 232—Fly, 1 in., nickel plated, fluted blade, mounted on fancy fly, box swivel .....per dozen $2.50

No. 233—No. 3 spoon, size 3/0 hook, otherwise same as No. 232 ....per dozen 2.50

ONE ON A CARD; ONR DOZEN IN A BOX.

No. 5—ADIRONDAK, 1¼ in., nickel plated blade on hollow point treble hook, box swivel.....per dozen $1.80

ONE ON A CARD; ONE DOZEN IN A BOX.



No. 8—Trout, mounted on heavy single gut, reinforced silk winding, nickel plated blade, high grade fly ...per dozen $1.80

ONE ON A CARD; ONE DOZEN IN A BOX.

"REV-O-NOC."

No. 16 REVONOC—Auxiliary, nickel plated spoon, mounted on gimp, high grade hook, with additional trail hook, per dozen $2.20

ONE ON A CARD; ONE DOZEN IN A BOX.

"REV-O-NOC."

No. 15 REVONOC—Double, nickel plated, sizes 1 and 2, hollow point hooks, brass box swivel .....per dozen $4.00

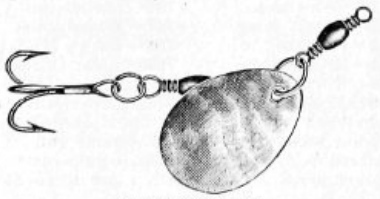
ONE ON A CARD; ONE DOZEN IN A BOX.

No. C1 REVONOC—Colorado, trout, ¾ in., brass spoon, size 9, hollow point treble hooks, two barrel swivels.....per dozen $2.00

No. 2 REVONOC—Nickel plated, concave, copper convex, otherwise same as No. C1 REVONOC.....per dozen 2.00

No. 2½ REVONOC—Nickel plated spoon, otherwise same as No. C1 REVONOC, per dozen 2.00

ONE ON A CARD; ONE DOZEN IN A BOX.



"REV-O-NOC."

No. 3 REVONOC—Colorado, *bass*, 1⅛ in., brass spoon, size 6, hollow point, treble hooks, two barrel swivels.....per dozen $2.20

No. 3½ REVONOC—Nickel plated spoon, otherwise same as No. 3 REVONOC per dozen 2.20

ONE ON A CARD; ONE DOZEN IN A BOX.

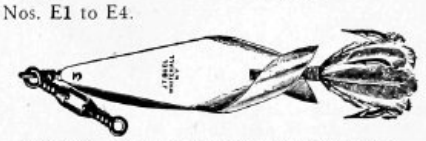
EMERICK.

Nos.	E1	E2
Size spoon	⅜	9/16 in.
Per dozen	$1.20	1.20
Nos.	**E3**	**E4**
Size spoon	1	1 3/16 in.
Per dozen	$1.20	1.20

These spinners have fine quality nickel plated blades on hollow point hooks, with barrel swivel. They will be found especially effective for large trout.

ONE ON A CARD; ONE DOZEN IN A BOX.

Nos. E1 to E4.



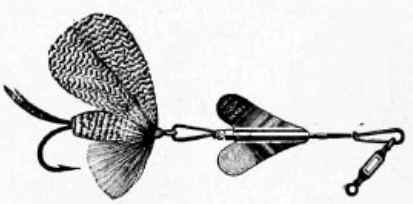
BUEL'S, Silver Plated, Bright Treble Hook.

No. 1933—Sizes	7	5	3
Per dozen	$4.70	6.30	8.60
No. 1933—Sizes	**1**	**2/0**	**4/0**
Per dozen	$8.60	10.20	12.20

ONE IN A BOX.

No 22—JOLIET, 5½ in., aluminum, fitted with swivel and high grade feathered treble hooks .....per dozen $6.00

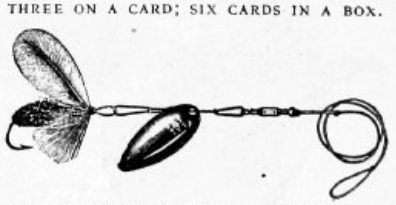
ONE IN A BOX.



No. 60—Trout, highest quality 1½ in. nickel plated spinner, *three silk* body flies on No. 8 hollow point hooks, per dozen cards $6.00

No. 65—Bass, highest quality, 1 in. nickel plated spinner, *three* silk body flies on No. 1 sproat hollow point hooks, per dozen cards 6.50

THREE ON A CARD; SIX CARDS IN A BOX.



No. 61—Spinning Coachman, nickeled spinner on box swivel, *three* high grade silk body flies on hollow point hooks, per dozen cards $3.50

THREE ON A CARD; ONE DOZEN CARDS IN A BOX.

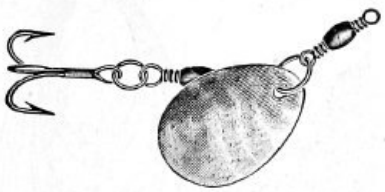
No. 10 REVONOC—Fly spoon, nickeled spoon, sizes 1, 2, 3, or 4, mounted with box swivel, interchangeable flies, size 1 spoon with flies on No. 1 hook, Nos. 2, 3 and 4 spoons with flies on No. 1/0 hooks .....per dozen $2.00

Specify size when ordering.

ONE DOZEN IN A BOX.

PEARL BAITS.

"REV-O-NOC" SPINNERS.



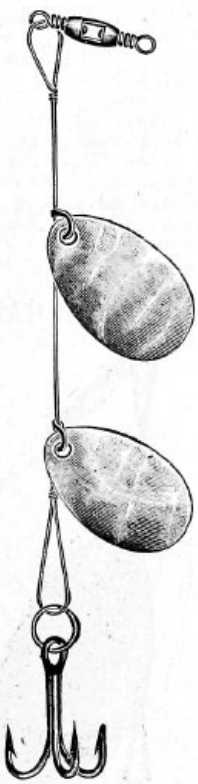
No. C4 REVONOC—COLORADO, ¾ in. pearl blade, size 12 hollow point treble hooks, two brass barrel swivels...per dozen $3.00

No. C5 REVONOC—1 in. pearl blade, otherwise same as No. 4 REVONOC...per dozen 3.30

ONE ON A CARD; ONE DOZEN IN A BOX.

No. 68 REVONOC.

No. 69 REVONOC.



No. D5 REVONOC.

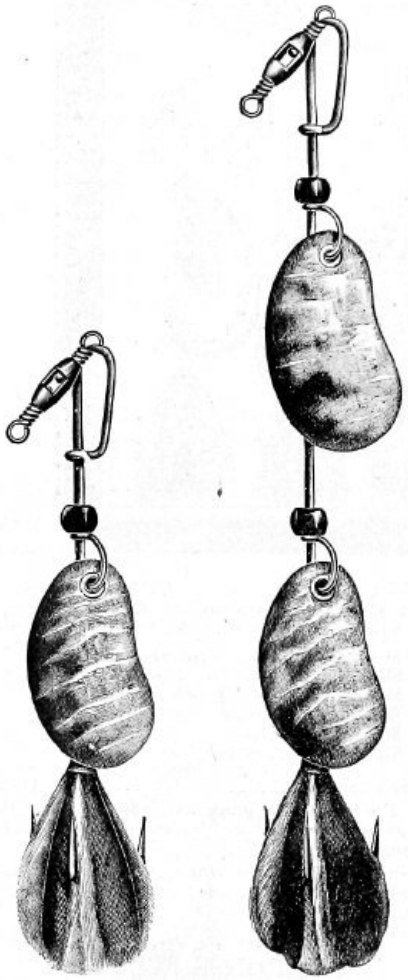
No. 68 REVONOC—Bass, 1⅛ in. pearl blade, mounted on piano wire, patent reversible carrier, split ring.....per dozen $2.50

No. 69 REVONOC—Bass, 1⅛ in. pearl double blades, mounted on piano wire, patent reversible carrier, split ring..per dozen 5.00

No. D5 REVONOC—Two 1 in. pearl blades, on silvered piano wire, brass swivel, split ring, size 2 treble hook, per dozen 6.00

ONE ON A CARD; ONE DOZEN IN A BOX.

"REV-O-NOC" PEARL KIDNEY.



No. 1914 REVONOC.

Nos. 1915 REVONOC and 1916 REVONOC.

Fine Quality, Concave Pearl Blade, Metal Eyelet, Mounted on Brass Box Swivel and Finely Feathered Hollow Point Treble Hooks.

No. 1914 REVONOC —Sizes.....	2	3	4
Size spoon.....	1¼	1½	2 in.
Per dozen.....$3.80		3.80	4.50

No. 1914 REVONOC —Sizes.....	5	6	8
Size spoon.....	2⅓	3	3¼ in.
Per dozen.....$5.00		5.50	7.50

No. 1915 REVONOC—1¼ in., *double spoon*, per dozen $5.30

No. 1916 REVONOC—1½ in., *double spoon*, per dozen 5.30

NO. 1914 REVONOC SIZES 6 AND 8, ONE-QUARTER DOZEN; BALANCE, HALF DOZEN IN A BOX.

"REV-O-NOC" PEARL WABBLERS.

No. P7 REVONOC—Bass, 2 in. pearl blades, hollow point treble hooks, brass box swivel, split rings, interchangeable, per dozen..... $4.00

No. P9 REVONOC—Pickerel, 2¾ in. pearl blades, otherwise same as No. P7 REVONOC per dozen..... 4.50

No. P10 REVONOC—Muskellunge, 3¾ in. pearl blade, otherwise same as No. P7 REVONOC per dozen..... 5.30

The pearl blades are made especially for us with brass eyelets to prevent breaking. Owing to peculiar shape does not revolve but darts through water. ONE ON A CARD; SIX IN A BOX.

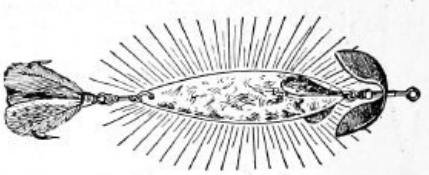
PEARL TANDEM.

No. 81.

No. 81—Pearl, 2 in. *pearl blades* revolving in opposite directions, mounted on hollow point feathered treble hooks, and brass box swivel.....per dozen $7.00

ONE ON A CARD; ONE DOZEN IN A BOX.

PEARL MINNOWS.

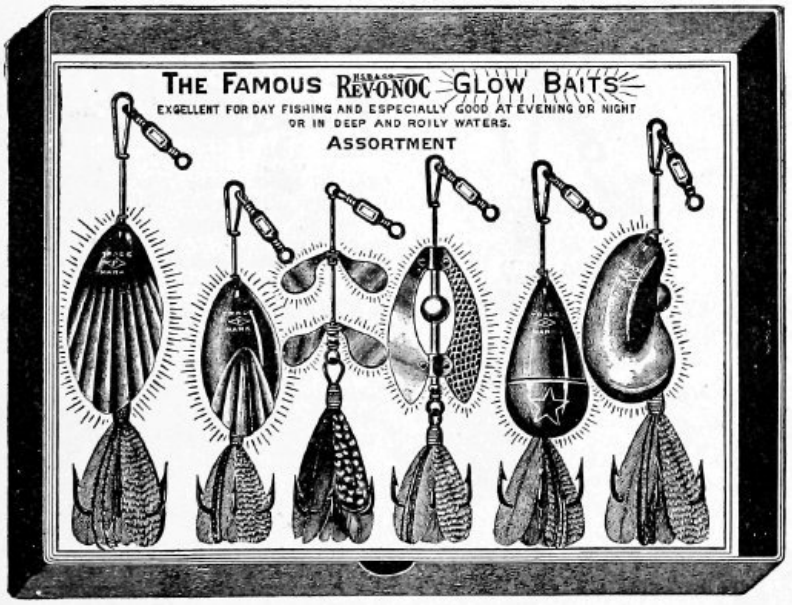


No. 61—HAYNES', 3 in., rainbow, pearl body, nickel fins, revolving, spinner, feathered treble hook.....per dozen $13.60

ONE IN A BOX.

TROLLING BAITS.

"REV-O-NOC" GLOW.



No. 1160.

No. 1160—Assortment of 6 glow baits, nickel plated treble hooks trimmed with high grade of feathers, baits assorted as follows:

Size 8 —Original fluted glow bait.
Size 4¾—Genuine fluted glow bait.
Size 2 —Double propeller glow bait.
Size 3 —American spinner glow bait.
Size 2 —Star glow bait.
Size 5 —Kidney ball glow bait.

Per assortment..... $2.30

All of these baits are made with the excellent glow or luminous feature which makes them doubly attractive and effective as bait.

No. 1160½—Assortment, non-luminous, otherwise the same as No. 1160, assorted as follows:

Size 8 —Original fluted baits.
Size 4¾—Genuine fluted bait.
Size 2 —Double propeller bait.
Size 3 —American spinner bait.
Size 2 —Star bait.
Size 5 —Kidney ball bait.

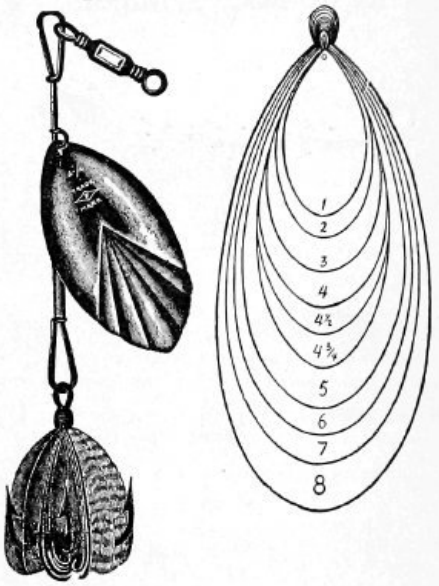
Per assortment..... $1.50

These are high grade and effective baits but without the luminous feature of the No. 1160 assortment.

These baits have been selected with a view of combining in one assortment a variety of the most popular patterns and sizes. Each assortment consisting of six baits is sewed on a printed display card in such a manner that each bait can be easily detached.

ONE ASSORTMENT IN FANCY DISPLAY BOX.

REGULAR FLUTED.



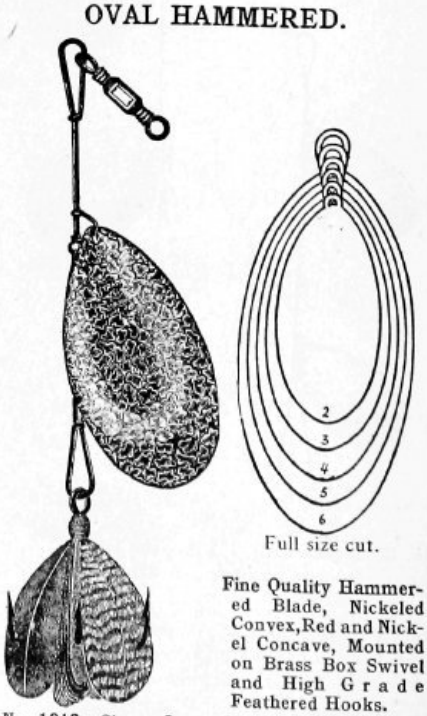
Full size cut.

Standard Quality Blade, Nickeled Convex, Red Concave, Mounted on Brass Box Swivel and High Grade Feathered Treble Hooks.

No. 1912—Sizes	1	2	3	4
Size spoon	1	1⅛	1 3/16	1¼ in.
Per dozen	$1.00	1.00	1.00	1.00
No. 1912—Sizes...	4½	4¾		5
Size spoon	1⅝	1⅞		2⅛ in.
Per dozen	$1.00	1.00		1.10
No. 1912—Sizes...	6	7		8
Size spoon	2 5/16	2 7/16		2 11/16 in.
Per dozen	$1.10	1.20		1.20

ONE DOZEN IN A BOX.

OVAL HAMMERED.



Full size cut.

Fine Quality Hammered Blade, Nickeled Convex, Red and Nickel Concave, Mounted on Brass Box Swivel and High Grade Feathered Hooks.

No. 1913—Sizes	2	3	4	5	6
Size spoon ..	1½	1¾	2⅛	2½	2 11/16 in
Per dozen ..	$1.00	1.00	1.00	1.00	1.00

ONE DOZEN IN A BOX.

"REV-O-NOC" FLUTED.

No. 1910 REVO-NOC—Finest Quality Blade, Nickel Convex, Polished Copper Concave, Mounted on Brass Box Swivel and Hollow Point Finely Feathered Treble Hooks.

SIZES	SIZE SPOON IN.	PER DOZEN
1	1	$2.40
2	1⅛	2.40
3	1 3/16	2.40
4	1¼	2.40
4½	1⅝	2.40
4¾	1⅞	2.40
5	2⅛	2.70
6	2 5/16	2.70
7	2 7/16	3.00
8	2 11/16	3.00

THREE ON A PERFORATED CARD; ONE DOZEN IN A BOX

SKINNER'S FLUTED.

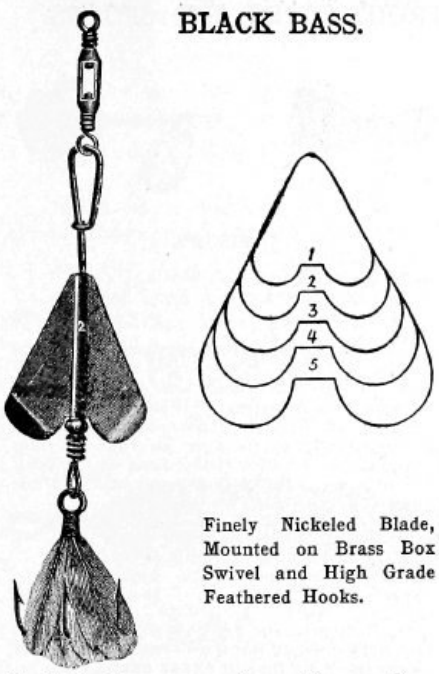
No. 1911 REVO-NOC—High Grade Nickeled Blade, Mounted on Brass Box Swivel and Feathered Hollow Point Treble Hooks.

SIZES	SIZE SPOON IN.	PER DOZEN
1	1.	$3.00
2	1⅛	3.00
3	1 3/16	3.00
4	1¼	3.00
4½	1⅝	3.00
4¾	1 13/16	3.00
5	2⅛	4.00
6	2 5/16	4.00
7	2 7/16	5.00
8	2 11/16	5.00

ONE DOZEN IN A BOX.

TROLLING BAITS.

BLACK BASS.

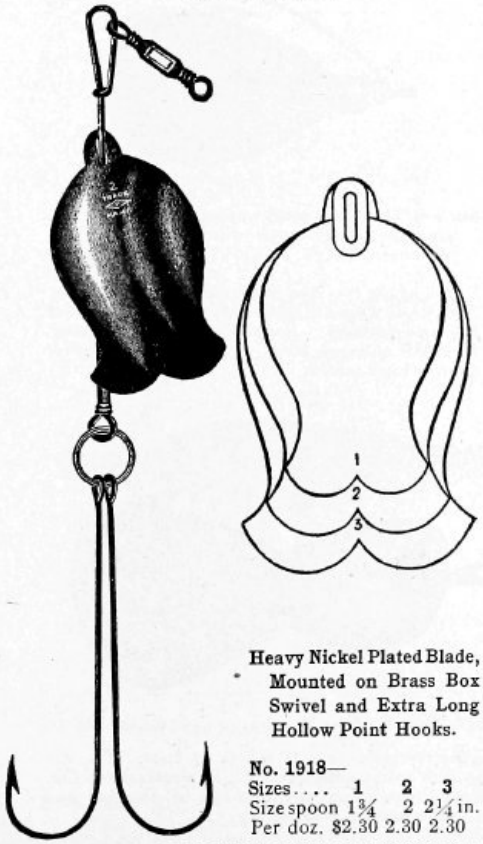


Finely Nickeled Blade, Mounted on Brass Box Swivel and High Grade Feathered Hooks.

No. 1917—Sizes	1	2	3
Size spoon	¾	1	1⅛ in.
Per doz.	$1.30	1.30	1.30
Nos. 1917—Sizes		**4**	**5**
Size spoon		1⅜	1⅝ in.
Per doz.		$1.30	1.30

ONE DOZEN IN A BOX.

DELAVAN.



Heavy Nickel Plated Blade, Mounted on Brass Box Swivel and Extra Long Hollow Point Hooks.

No. 1918— Sizes	1	2	3
Size spoon	1¾	2	2¼ in.
Per doz.	$2.30	2.30	2.30

THREE ON A PERFORATED CARD; ONE DOZEN IN A BOX.

WESTERN FAVORITE.

Nickeled Blade, Finest Quality Hollow Point Hooks, Genuine Barrel Swivels, Split Ring, Red Enameled Connecting Shaft.

No. 1919—Sizes	2/0	1/0	1	2	3
Size spoon	¾	⅞	1	1⅛	1 1/16 in.
Per dozen	$2.30	2.30	2.30	2.30	2.30

THREE ON A PERFORATED CARD; ONE DOZEN IN A BOX.

WEEDLESS FLUTED.

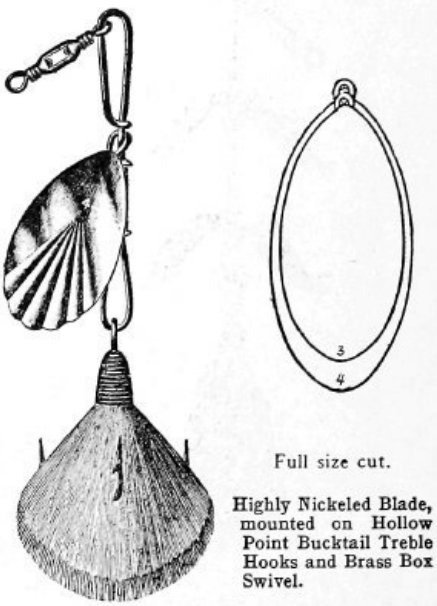
"REV-O-NOC."

Heavy Nickeled Blade, Mounted on Hollow Point Weedless Feathered Treble Hooks and Brass Box Swivel.

Nos.	113	114	115	120
Size spoon	1½	1⅞	2⅛	2¼ in.
Per dozen	$4.80	4.80	5.70	6.00

ONE IN A BOX; ONE DOZEN IN A CARTON.

BUCKTAIL FLUTED.



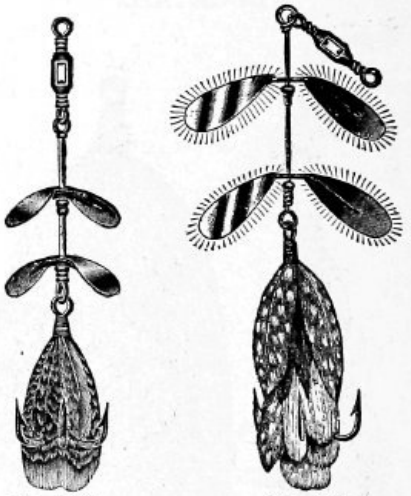
Full size cut.

Highly Nickeled Blade, mounted on Hollow Point Bucktail Treble Hooks and Brass Box Swivel.

Nos.	1903	1904
Size spoon	1¼	1½ in.
Per dozen	$2.50	2.50

ONE DOZEN IN A BOX.

DOUBLE PROPELLER.



No. 1930. No. 1901.

No. 1930—Trout, 1½ in., glow nickeled blades, revolving in opposite directions, mounted on hollow point feathered treble hooks and brass box swivel, per dozen $5.34

A very attractive bait, blades are covered with a glow substance, making this bait fine for night fishing.

No. 1901—Bass, 1½ in., glow nickel blades, otherwise same as No. 1930, per dozen 6.68

No. 1902—Pickerel, 2 in., glow nickel blades, otherwise same as No. 1930, per dozen 7.50

ONE DOZEN IN A BOX.

MISCELLANEOUS BAITS.

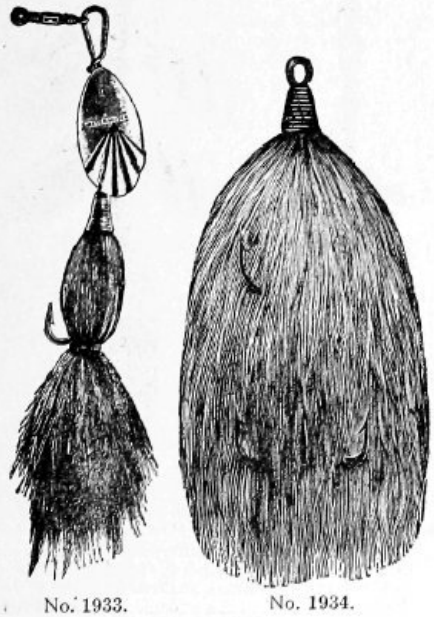
TANDEM.

No. 1931—Bass, 1½ in. nickeled blades, mounted on brass box swivel and fine quality feathered treble hooks, per dozen $4.00

No. 1932—Pickerel, 2 in. nickeled blades, otherwise same as No. 1931 ...per dozen 5.00

ONE ON A CARD; ONE DOZEN IN A BOX.

BUCKTAIL.



No. 1933. No. 1934.

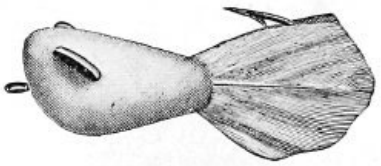
No. 1933—Bucktail minnow spoon, size 4 nickeled fluted blade, one treble and one single hook, genuine bucktail hair, per dozen $5.00

Genuine bucktail, not body hair, is used. Will not mat. For trolling and casting.

No. 1934—Bucktail Gang, genuine bucktail, mounted on 3/0 treble hooks and one 4/0 sproat single hook, extra strong, waterproof wrapping, per dozen $3.80

ONE ON A CARD; ONE DOZEN IN A BOX.

COAXER.



JAMISON'S.

No. 1—Pickerel and large bass, cork body, red wings, weedless hook, per dozen $9.00

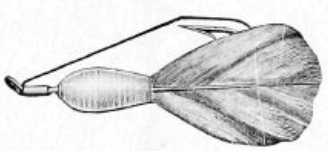
No. 2—Bass, cork body, red wings, weedless hook, smaller than No. 1, per dozen 9.00

No. 5—Muscallonge, cork body, red wings, weedless hook, large size, per dozen 15.00

Coaxer baits are intended for all-around bass, pickerel and muscallonge fishing. Are very attractive and life-like. Each is practically two distinct kinds of bait in one. In addition to having the appearance of a fish while floating on the surface of the water, these baits look for all the world like big bugs when they are flying through the air; a feature that makes them particularly good for bass fishing. Will go through all kinds of weeds and lilies without snagging. Easy to cast and can be used for skittering and trolling as well. A trailer hook for short biters with each bait.

ONE IN A BOX.

COAXER UNDERWATER.

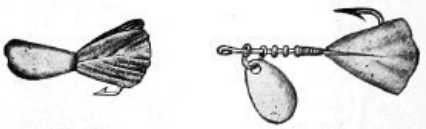


No. 3—JAMISON'S, combination metal and wound body, red feather tail, large open weedless hook .....per dozen $6.80

This bait is designed especially for deep fishing, although it may be used near the surface by rapid reeling. Has no equal for ease of casting, is absolutely weedless and a dead sure killer. When cast, the head goes first and the fluttering of the feathers gives the bait a very life-like appearance. For casting or trolling. Body of bait is about one-half larger than it appears in illustration.

ONE IN A BOX.

TROUT FLIES AND SPOONS.



No. 4. No. 9.

JAMISON'S.

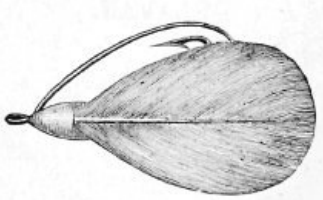
No. 4—Coaxer Trout Fly (floating), cork body, 12 assorted colors, No. 7 hollow point hook .....per dozen $4.80

This bait is the nearest approach to real life ever tied to a line. It rides right side up on the surface of the water under all conditions and never sinks or turns over. When it is used in running water it has the appearance of swimming and apparently of its own accord. To fully appreciate the beauties of this little bait it must be seen in use. Best hollow point hooks. Made to order with any size hook desired.

No. 9—Trout Spoon, nickeled spoon on hollow point hooks, sizes 2, 4 and 6, assorted colors, red, yellow, white and brown .....per dozen $3.80

NO. 4, LOOSE, NO. 9, FOUR ASSORTED COLOR FLIES ON EACH SIZE HOOK ON PERFORATED CARDS CONNECTED. WE DO NOT BREAK CARDS.

BASS FLIES.

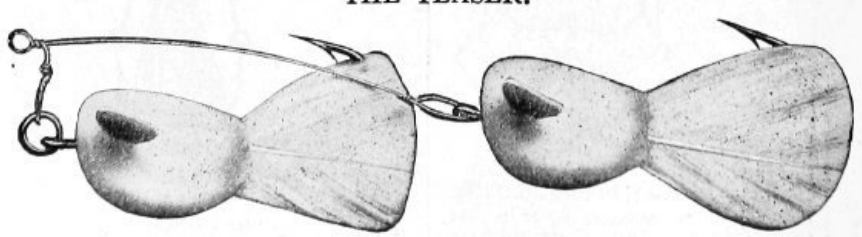


No. 7—JAMISON'S, solid waterproof body, red wings, large open weedless hook, per dozen $4.20

One of the best and most attractive flies made. Best quality sproat hooks. Six specially selected full size feathers. Body can not become loose. Feathers will not break or fray out. Superior quality weed guard.

ONE IN A BOX.

THE TEASER.



No. 6—JAMISON'S tandem bait, cork bodies, red wings, large weedless hooks .....per dozen $16.00

When in full flight this tandem bait bears a striking resemblance to a couple of bugs. The two separate hooks make it a great killer, as well as enabling it to occasionally take two bass at once. Can be used either in tandem form or singly, as one of the baits is on a split ring and can be detached and cast alone. Gives very little trouble when used in weeds. For casting or skittering.

ONE IN A BOX.

WOODEN MINNOWS.

H.S.B. & CO. REV-O-NOC

REVONOC minnows are the best made for catching game fish. Actual tests have shown that REVONOC wooden minnows catch double the quantity of fish that can be caught by the use of live bait.

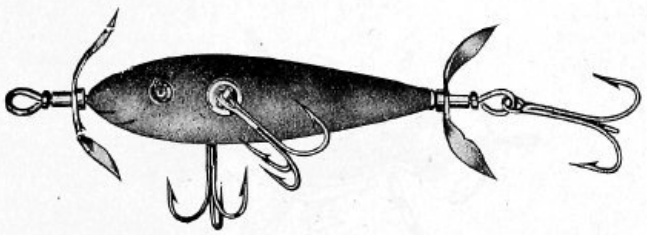
Bodies—of all REVONOC minnows are made of extra selected red cedar, coated with several applications of the best water-proof porcelain enamel, which will not peel off or crack after having been in the water. Their bright and attractive lustre is a sure lure to all game fish.

Hooks—are of the treble pattern, made of best steel wire and are fastened to the sides and tail in such a way as not to scratch body of the minnow. Hooks may be changed at any time from large to small, or vice versa.

Eyes—are of glass, very life-like in appearance, and are well set into the head.

Spinners—Each minnow is fitted with two nickel plated spinners, one at head and the other at the tail, which revolve very swiftly, giving the minnow, in the water, the appearance of being alive.

Materials and Workmanship—The high grade materials used and the expert workmanship in the manufacture of REVONOC minnows, combined with their "fish-catching" qualities, make them the most popular on the market today.



No. 1000.

3 Inch Body, Glass Eyes, with Three Treble Hooks.

No. 1000 REVONOC—Fancy green back with white belly, w't ¾ oz., per dozen..... $7.20

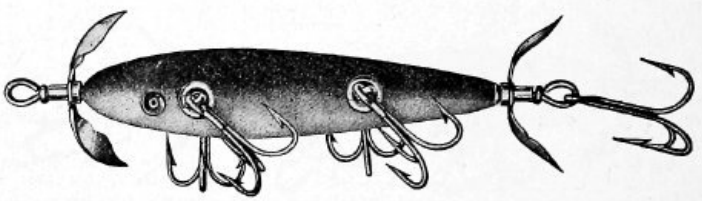
No. 1001 REVONOC—Rainbow, green stripe, pink blending, white belly, w't ¾ oz.....per dozen 7.20

No. 1002 REVONOC—Red back blending to yellow belly, w't ¾ oz., per dozen..... 7.20

No. 1003 REVONOC—Red, w't ¾ oz.....per dozen 7.20

No. 1004 REVONOC—Aluminum, w't ¾ oz..... " 7.20

ONE IN A BOX; TWELVE IN A CARTON.



No. 2000.

3½ Inch Body, Glass Eyes, with Five Treble Hooks.

No. 2000 REVONOC—Fancy green back with white belly, w't ¾ oz., per dozen..... $9.00

No. 2001 REVONOC—Fancy rainbow green stripe, pink blending, white belly, w't ¾ oz.....per dozen 9.00

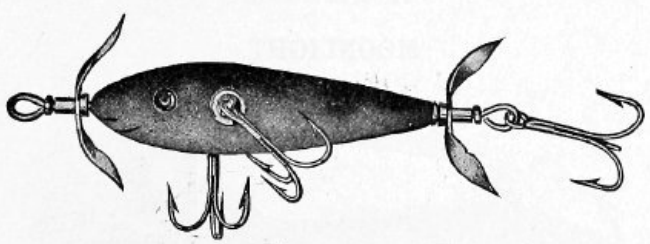
No. 2002 REVONOC—Red back blending to yellow belly, w't ¾ oz., per dozen..... 9.00

No. 2003 REVONOC—Red, w't ¾ oz.....per dozen 9.00

No. 2004 REVONOC—Aluminum, w't ¾ oz..... " 9.00

ONE IN A BOX; TWELVE IN A CARTON.

KETCH FISH.



3 Inch Body, Glass Eyes, with Three Treble Hooks.

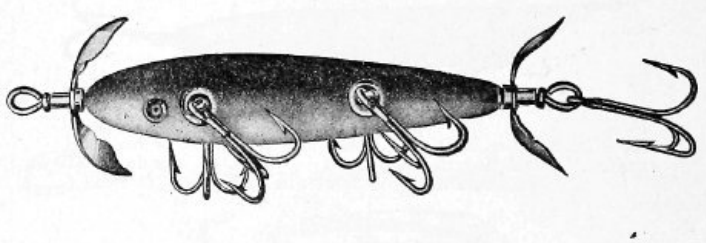
No. K8—Fancy green back with yellow belly, w't ½ oz.. per dozen $5.50

No. K9—Fancy red back blending to yellow belly, w't ½ oz. " 5.50

These are excellent wooden minnows, made of the same high grade material as the Rev-o-noc, but with fewer coats of enamel.

ONE IN A BOX; TWELVE IN A CARTON.

KETCH FISH.



3½ Inch Body, Glass Eyes, with Five Treble Hooks.

No. K88—Fancy green back with yellow belly, w't ¾ oz..per dozen $6.40

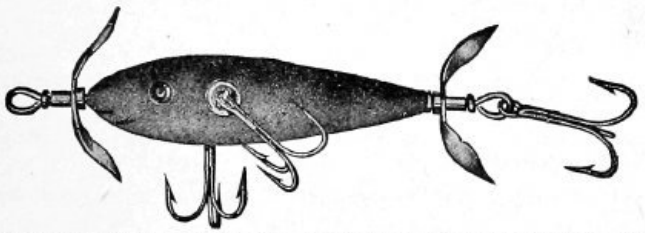
No. K89—Fancy green back with yellow belly, w't ¾ oz.. " 6.40

These are excellent wooden minnows made of the same high grade material as the Rev-o-noc but with fewer coats of enamel.

ONE IN A BOX; TWELVE IN A CARTON.

WOODEN MINNOWS.

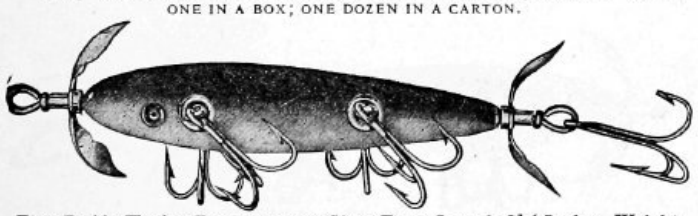
DOWAGIAC.



Three Treble Hooks, Two Spinners, Glass Eyes, Length 3½ Inches, Weight About 1 Ounce.

No. 100—Fancy back, with white belly ..... per dozen $10.50
No. 101—Rainbow effect ..... " 10.50
No. 102—White ..... " 10.50
No. 103—Aluminum ..... " 10.50
No. 104—Red ..... " 10.50
No. 105—Yellow ..... " 10.50
No. 107—Fancy brown back with red blended sides and yellow belly ..... per dozen 10.50

ONE IN A BOX; ONE DOZEN IN A CARTON.

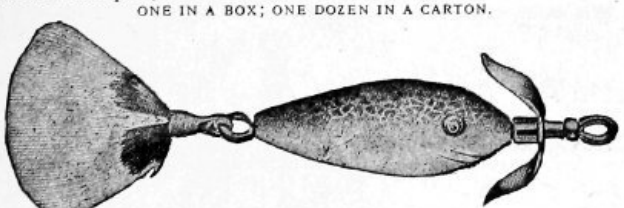


Five Treble Hooks, Two Spinners, Glass Eyes, Length 3½ Inches, Weight About 1 Ounce.

No. 150—Fancy back, with white belly ..... per dozen $12.00
No. 151—Rainbow effect ..... " 12.00
No. 152—White ..... " 12.00
No. 153—Aluminum ..... " 12.00
No. 154—Red ..... " 12.00
No. 155—Yellow ..... " 12.00
No. 157—Fancy brown back, with red blended sides and yellow belly ..... per dozen 12.00

These hooks are prevented from tangling or interlocking by patented "Dowagiac" method attachment; they are underwater baits, but sink slowly and are water-proof.

ONE IN A BOX; ONE DOZEN IN A CARTON.

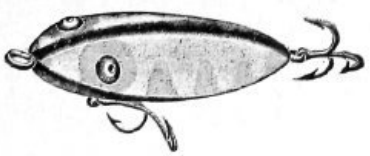


No. 50—Color, yellow, fancy mottled back and gilt metal parts, one treble hook, length 4 in., w't ¾ oz ..... per dozen $8.40
No. 51—Gold body, with reddish sides and green and gold back, otherwise same as No. 50 ..... per dozen 8.40

ONE IN A BOX; ONE DOZEN IN A CARTON.

No. 200—Color, white body, red collar, and blue front or head, two treble hooks, length 4½ in., w't ½ oz., ... per dozen $10.50

ONE IN A BOX; ONE DOZEN IN A CARTON.

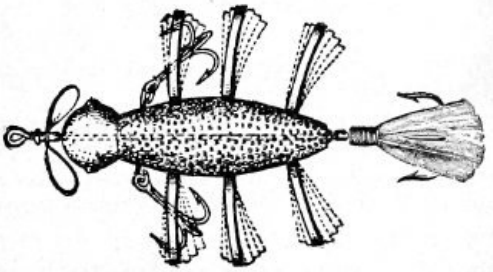


Two Treble Hooks, Length 4½ Inches, Weight About 1 Ounce.

No. 900—Fancy green stripe down back with red blended sides and white belly ..... per dozen $12.00
No. 901—Fancy green stripe down back with red blended sides and yellow belly ..... per dozen 12.00

ONE IN A BOX; ONE DOZEN IN A CARTON

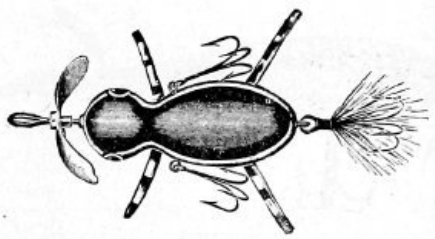
ROAMER.



Three Treble Hooks, One Spinner, Glass Eyes, Length 3½ Inches, Weight About 1 Ounce.

No. 420—Body 3 in. long, green back, yellow belly .... per dozen $12.00
No. 487—Body 3 in. long, yellow body with gold spots, red head, per dozen 12.00

ONE IN A BOX.



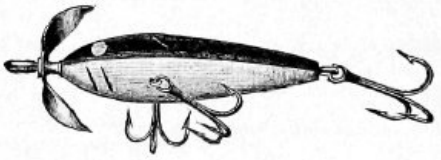
Three Treble Hooks, One Spinner, Glass Eyes, Length 1¾ Inches, Weight About 1 Ounce.

No. 620—Body 1¾ in., green back, yellow belly ..... per dozen $12.00
No. 630—Body 1¾ in., fancy back, white belly ..... " 12.00

Roamer Bait is a very effective fish getter, good everywhere. It is a top water bait and attracts the big ones. Short jerks make the bait more effective. The legs are always working, thus adding to the lifelike appearance. Three treble hooks (two plain and one feathered).

ONE IN A BOX.

IMP.

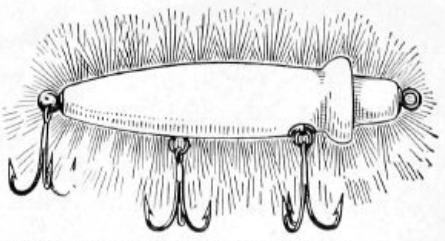


Three Plain Treble Hooks, Wood Body 2½ Inches Long, Weight About 1 Ounce.

No. X20—"Imp," green back, yellow belly ..... per dozen $2.40
No. X30—"Imp," green back, white belly ..... " 2.40

ONE DOZEN IN A BOX.

MOONLIGHT.



No. 95—Luminous, painted white, three treble hooks, length 4 in., w't about 1 oz. ..... per dozen $13.00

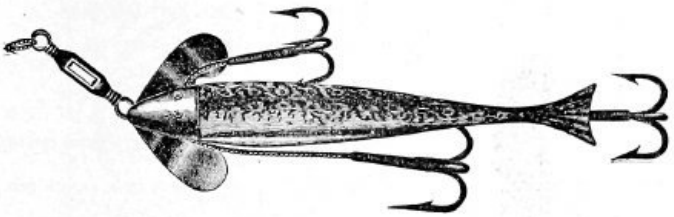
This bait possesses the peculiar quality of absorbing daylight or strong artificial light, and reflecting the same in the dark. It emits a clear white light, which is made more effective by the radiant power of the water. A well exposed bait is good for the whole night.

Can be used for trolling, but preferably for casting.

ONE IN A BOX.

MINNOWS AND BAITS.

PHANTOM MINNOWS.

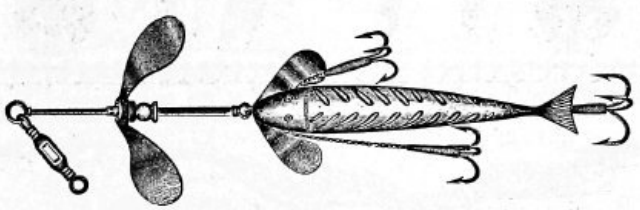


Highly Polished Metal Head, all Silk Body Covered With Waterproof Varnish, Mounted on Brass Box Swivel and Spring Steel Treble Hooks.

Nos.	02	03	04	05	06	07	08
Length	2½	3	3¼	3½	4	4¼	4½ in.
Weight	½	¾	1	1	1	1½	1½ oz.
Per dozen	$4.40	4.80	4.80	4.80	5.90	6.60	7.20

ONE ON A CARD IN A BOX; SIX IN A CARTON.

PHANTOM MINNOWS WITH SPINNERS.



Mounted with Bright Treble Hooks to Heavy Cable Twist Gut Traces, with a Waterproof Binding, Weight About 1 Ounce, Brass Box Swivel.

No. **9**—Single propeller, 2¾ in. phantom minnow.....per dozen $ 9.60
No. **10**—Double propller, 2¾ in. phantom minnow..... " 11.30

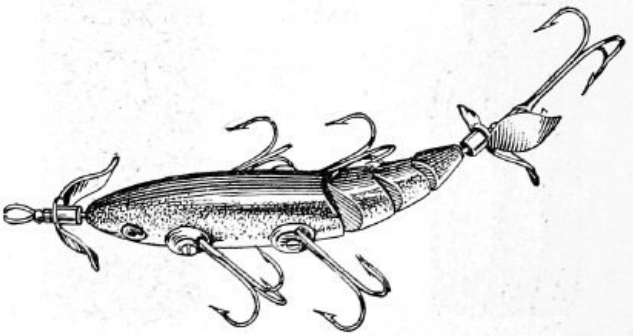
ONE ON A CARD IN A BOX; SIX IN A CARTON.

WEEDLESS MINNOWS.

No. **0**—Underwater, 5½x¾ in., green back and white belly, 2 hollow point treble hooks, with weed guards, 2 spinners, w't 1 oz., per dozen..... $12.80

ONE IN A BOX; ONE DOZEN IN A CARTON.

MICHIGAN LIFE-LIKE MINNOWS.



Weight About 1 Ounce

No. **1**—5¼ in., light green, speckled back, white belly, 5 treble hooks.....per dozen $16.00
No. **7**—5¼ in., brook trout, 5 treble hooks..... " 16.00
No. **9**—5¼ in., dark back, yellow belly, 5 treble hooks. " 16.00
No. **14**—5¼ in., perch, 5 treble hooks..... " 16.00
No. **4**—4¼ in., light green, speckled back, white belly, 3 treble hooks.....per dozen 12.80
No. **8**—4¼ in., brook trout, 3 treble hooks..... " 12.80
No. **10**—4¼ in., dark back, yellow belly, 3 treble hooks. " 12.80
No. **15**—4½ in., perch, 3 treble hooks..... " 12.80

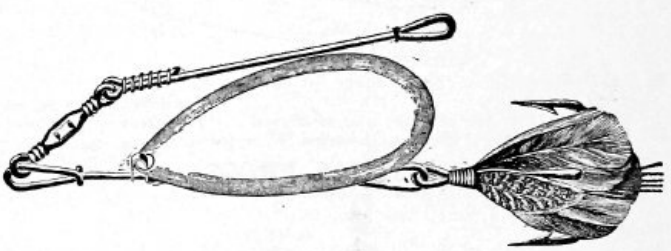
Has jointed tail portion, which is flexible, and when being drawn through the water the three-blade propeller wiggles the jointed tail portion, and makes an excellent imitation of a live minnow while swimming.

Hooks are very easily detachable, and cannot possibly tangle or interlock, as they cannot swing forward. They can be replaced by any common treble hook of any size or shape.

The bait is finished with a special water-proof finish, which prevents it from soaking water or peeling off.

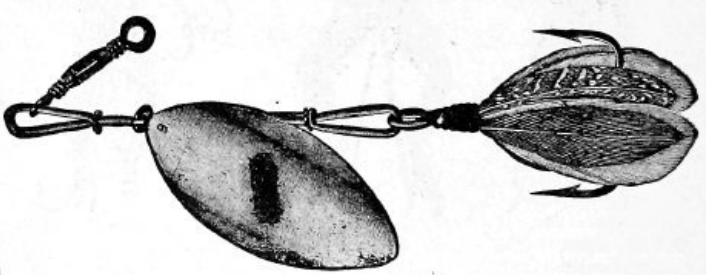
ONE IN A BOX; ONE DOZEN IN A CARTON.

SPECIAL MUSCALLONGE BAITS.



No. **M7** REVONOC—2¾ in. nickeled spoon, No. 6/0 treble hooks, patent reversible hinge lug.....per dozen $4.00
No. **M8** REVONOC—3¼ in. nickeled spoon, No. 7/0 treble hooks, patent reversible lug.....per dozen 4.00

ONE DOZEN IN A BOX.

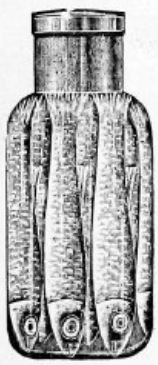


No. **109**—SKINNER'S, 3 in. nickeled spoon, No. 7/0 treble hooks, No. 1/0 swivel, finely feathered.....per dozen $6.00
No. **112**—SKINNER'S, 3¾ in. nickeled spoon, No. 8/0 treble hooks, No. 1/0 double swivel, finely feathered.....per dozen 10.00

ONE DOZEN IN A BOX.

PRESERVED AND ARTIFICIAL BAITS.

PRESERVED BAITS.



Minnows.

Frogs.

Minnows.

No. 1935—Sizes	Small	Medium	Large
No. in bottles	5 to 7	1⅔ to 2⅓	1½ to 2 doz.
Per dozen	$4.00	4.00	4.00

The composition used in preserving the minnow does not affect shape or shininess, will not toughen or harden the bait, and gives all the appearances of a live shiner.

SMALL AND MEDIUM, TWO DOZEN; LARGE, ONE DOZEN IN A CASE.

Frogs.

No. 1936—One dozen in a screw top glass jar.....per dozen $4.00

These frogs are so treated that they preserve their color and, while not rubbery, are slightly elastic and toughened so that they last on the hook better than the live ones.

ONE DOZEN IN A CASE.

PORK RIND.

No. 1937—Prepared in correct shape for casting, 9 or 10 strips in metal boxes.....per dozen boxes $3.80

Strips are 3 to 4 inches long and so shaped that the action in the water is like a live minnow. Can be conveniently carried in the vest pocket.

ARTIFICIAL FROGS.

No. 30.

No. 3-0.

No. 20.

No. 30 REVONOC—Solid rubber with two common hooks, non-floating, length 3 in.....per dozen $4.00

ONE ON A PERFORATED CARD.

No. 3-0 REVONOC—Hollow rubber, with weedless hooks, length 3½ in., per dozen..... 9.60

No. 20 REVONOC—Moulded ground cork and pure, soft rubber, decorated true to life, hollow point hooks, floats belly down, per dozen..... 5.50

ONE IN A BOX; HALF DOZEN IN A CARTON.

WHITE GRUB BAITS.

Pure India Rubber, Very Life-Like.

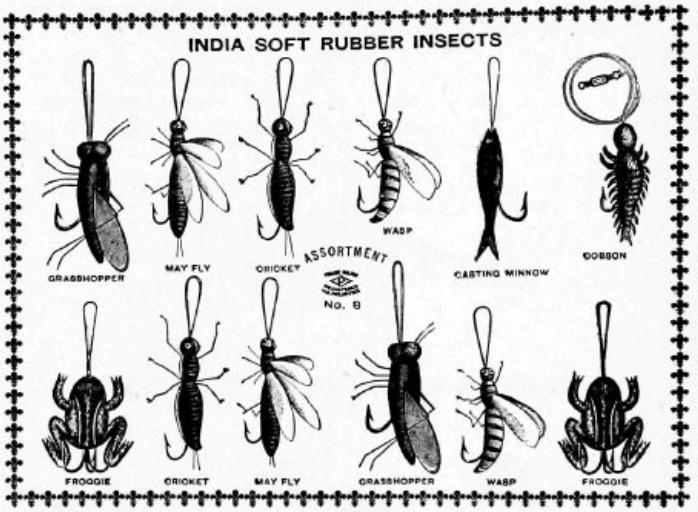
No. 18—Trout, on hollow point hook, per dozen..... $1.60

No. 20—Bass, on hollow point hook, per dozen..... 1.90

A very close imitation of a live grub and equally effective.

ONE DOZEN ON BLOTTER BOARD, IN A FANCY BOX.

RUBBER BAITS.



No. 200—Assortment consists of one dozen of the most popular baits on card in fancy box.....per dozen assortments $30.00

No. 14.

Pure India Rubber, Very Life-Like.

No. 14—Worm	per dozen	$3.40
No. 99—Cricket	"	2.00
No. 13—Minnow, 1¼ in. long	"	3.00
No. 15—Minnow, 2 in. long	"	4.50
No. 11—Froggie	"	3.00
No. 31—Grasshopper	"	2.00

For illustration of these baits see cuts of No. 200 assortment.

ONE DOZEN ON A PERFORATED CARD.

No. 12.

Pure India Rubber, Very Life-Like.

No. 12—Large frog, per dozen $4.20

No. 21—Large Dobson, per doz. 3.80

No. 21.

ONE DOZEN IN A BOX ON A CARD.

GUT AND WIRE LEADERS.

SPECIAL GUT.

No. L31 REVONOC—*Black*, one yard, extra quality round single gut, with two dropper loops ..... per gross $19.20

No. L32 REVONOC—*Black*, two yards, extra quality round single gut, with three dropper loops..... per gross 38.40

No. L41 REVONOC—*Black*, one yard, finest quality round single gut, with two dropper loops ..... per gross 30.00

No. L42 REVONOC—*Black*, two yards, finest quality round single gut, with three dropper loops..... per gross 60.00

No. L131 REVONOC—*Black*, one yard, extra quality round double gut ... per gross 32.40

No. L132 REVONOC—*Black*, two yards, extra quality round double gut... per gross 64.80

ONE ON A CARD. ONE DOZEN IN A BOX.

DOUBLE GUT.

No. L101—White, one yard, good quality double gut, not mounted....per gross $ 8.00

No. L102—White, two yards, good quality double gut, not mounted. per gross 16.00

No. L103—White, three yards, good quality double gut, not mounted, per gross..... 24.00

ONE DOZEN IN AN ENVELOPE.
ONE GROSS IN A BOX.
WE DO NOT BREAK DOZENS.

No. L107—White, one yard, standard quality double gut, mounted, per gross $ 9.60

No. L108—White, two yards, standard quality double gut, mounted, per gross 19.20

No. L109—White, three yards, standard quality double gut, mounted, per gross 28.80

No. L113—Mist, one yard, high grade double gut, mounted.....per gross 19.20

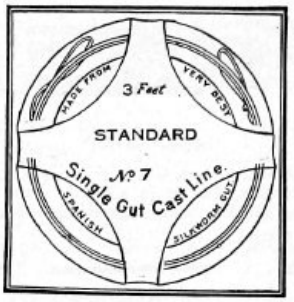
No. L114—Mist, two yards, high grade double gut, mounted.....per gross 38.40

No. L115—Water color, one yard, extra fine quality double gut, mounted, per gross..... 27.00

No. L116—Water color, two yards, extra fine quality double gut, mounted, per gross..... 54.00

ONE ON A CARD. ONE DOZEN IN A BOX.

SINGLE GUT.



No. L1—White, one yard, good quality gut, not mounted.....per gross $4.00

No. L2—White, two yards, good quality gut, not mounted.....per gross 8.00

No. L3—White, three yards, good quality gut, not mounted.....per gross 12.00

ONE DOZEN IN AN ENVELOPE.
ONE GROSS IN A BOX.
WE DO NOT BREAK DOZENS.

No. L7—White, one yard, standard quality gut, mounted.....per gross $ 6.00

No. L8—White, two yards, standard quality gut, mounted.....per gross 12.00

No. L9—White, three yards, standard quality gut, mounted.....per gross 18.00

No. L13—Mist, one yard, high grade gut, mounted.....per gross 10.80

No. L14—Mist, two yards, high grade gut, mounted.....per gross 21.60

No. L15—Water color, one yard, extra fine quality gut, mounted...per gross 15.00

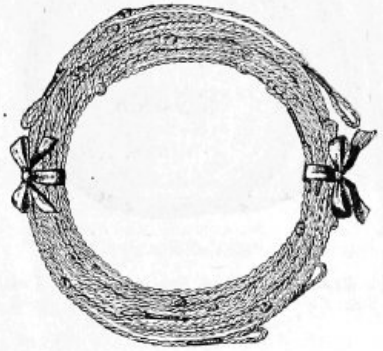
No. L16—Water color, two yards, extra fine quality gut, mounted...per gross 30.00

No. L17—Mist, Midge, two yards, light trout, with two dropper loops, mounted.....per gross 40.00

No. L18—Mist, Midge, three yards, light trout, with three dropper loops, mounted.....per gross 80.00

ONE ON A CARD. ONE DOZEN IN A BOX.

TREBLE TWIST GUT.



No. L122—Mist, one yard, fine quality 3 ply, mounted.....per gross $28.80

No. L123—Mist, two yards, fine quality 3 ply, mounted.....per gross 57.60

ONE ON A CARD. ONE DOZEN IN A BOX.

SILK WORM GUT.

No. E—REGULAR, 9½ in.....per 1,000 $ 4.00

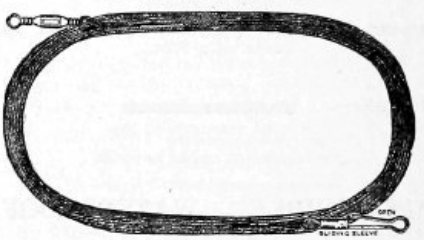
No. L—PADRONA, second quality, 11 in., per 1,000 ..... 5.00

No. N—PADRONA, first quality, 12 in., per 1,000 ..... 7.00

No. S—MARANA, first quality, 11 in., heavy, ...per 1,000 10.00

100 IN A HANK. 1,000 IN A BUNDLE.

BRONZE WIRE.



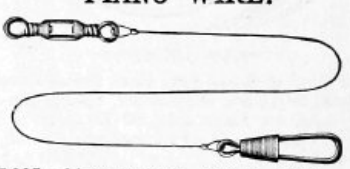
No. L222—Light cable wire, rust proof, 18 in. long, loops at both ends, mounted, per gross. $18.00

No. L223—Medium cable wire, rust proof, 36 in. long, loops at both ends, mounted.....per gross 36.00

No. L224—Heavy cable wire, rust proof, 54 in. long, box swivel at one end, connecting link at the other, mounted, per gross..... 54.00

ONE ON A CARD. ONE DOZEN IN A BOX.

PIANO WIRE.



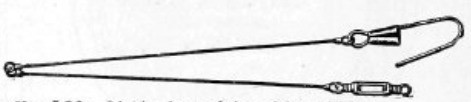
No. L225—Light weight, 6½ in. long, No. 4, brass box swivel at one end, and cooper snap at other, not mounted, per gross..... $18.00

No. L226—Medium weight, 7 in. long, No. 2 brass box swivel at one end, and cooper snap at other, not mounted, per gross..... 18.00

No. L227—Heavy muscallonge, 9½ in. long, No. 1/0 brass box swivel at one end, and cooper snap at other, not mounted.....per gross 25.20

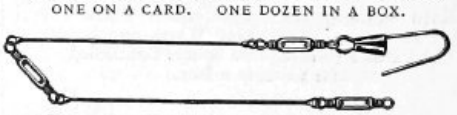
THREE DOZEN IN A BOX.

GERMAN SILVER WIRE.



No. L30—8½ in. long, jointed in middle, will not rust, brass box, swivel at one end, cooper snap at other, mounted, per gross..... $22.40

ONE ON A CARD. ONE DOZEN IN A BOX.



No. L25—8½ in. long, brass box swivel in middle and one end, cooper snap and swivel at other, mounted....per gross $32.00

ONE ON A CARD. ONE DOZEN IN A BOX.

"REV-O-NOC" FISHING LINES.

"CHICAGO MUSCALLONGE."

"REV-O-NOC."
Braided Silk on a Large Flat Black Spool, 50 Yards on a Spool.

	PER 100 YARDS.
No. 1850—	$4.00

Tested strength 43 lbs.

No better line could be made.

"INVINCIBLE" WATERPROOF CASTING.

"REV-O-NOC."
Highest Quality Japan Silk, Hard Braided over a Twisted Silk Core, Waterproof, Special Finish, Color Black only, 50 Yards on a Spool, Two Connected.

	PER 100 YARDS
No. 871—Size 1	$3.00
Tested strength 18 lbs.	
No. 872—Size 2	3.30
Tested strength 24 lbs.	

"SIXTY-SIX" BLACK WATERPROOF CASTING LINE.

"REV-O-NOC."
Hard Braided, Waterproof, Color Black Only, Put up on Large Flat White Spools, 50 Yards on Spool, Two Spools Connected, 100 Yards in a Box.

	PER 100 YARDS
No. 66—	$2.00

Tested strength 12 lbs.

TWO IN A BOX.

"BOTTLE BRONZE."

"REV-O-NOC."
Bronze Mottled High Grade Silk Casting, on 50 Yard Spools, Put up in a Bottle, One Spool in a Bottle, Two Spools Connected.

	PER 100 YARDS
No. 1950—	$4.20

Tested strength 23 lbs.

A perfect line, put up in a manner that keeps it so.

"STANDISH" CASTING LINE.

"REV-O-NOC."
Finest Quality Japan Silk, Solid Braided by Special Process, Color Mixture of Red, Brown and Green, 50 Yards on a Spool, Two Connected.

	PER 100 YARDS.
No. 1105—Size G	$2.90
Tested strength 16 lbs.	
No. 1104—Size F	3.40
Tested strength 23 lbs.	

Very smooth and easy running. Color mixture of brown, red and green, making a combination very pleasing to the eye. Fully guaranteed.

"ST. CROIX" HARD BRAIDED.

"REV-O-NOC."
High Grade Silk, Hard Braided over a Twisted Silk Core, Olive Green, 50 Yards on a Spool, Two Connected.

	PER 100 YARDS.
No. 840—Medium	$2.70

Tested strength 17 lbs.

Extra care is taken in the braiding of these lines. Guaranteed.

TWO IN A BOX.

"GIANT" LINE.

"REV-O-NOC."
Best Quality Silk, Extra Hard Braided, Color Black and White, 50 Yards on a Spool, Two Connected.

	PER 100 YARDS
No. 1865—	$3.00
Tested strength 15 lbs.	
No. 1864—	3.80
Tested strength 18 lbs.	

The extra hard braid of this excellent casting line lengthens its life by preventing the line taking up more than the minimum amount of water.

"PROFESSIONAL" CASTING.

"REV-O-NOC."
Highest Quality Japan Silk, Solid Braid, 50 Yards on a Spool, Two Connected.

	PER 100 YARDS.
No. 995—Size 5	$2.00
Tested strength 12 lbs.	
No. 994—Size 4	2.50
Tested strength 16 lbs.	
No. 993—Size 3	3.00
Tested strength 23 lbs.	

These are made on a special braiding machine designed especially for this line. These lines will not back wind on the reel.

"MUSCOKEE" CASTING.

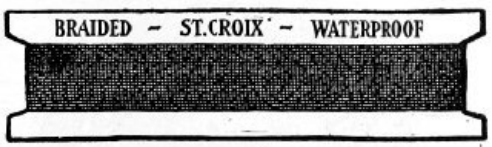
"REV-O-NOC."
High Grade Selected Silk, Color Black and White, 50 Yards on a Spool, Two Connected.

	PER 100 YARDS.
No. 855—Size G.	$1.70
Tested strength 10 lbs.	
No. 854—Size F.	2.00
Tested strength 12 lbs.	

TWO IN A BOX.

"REV-O-NOC" FISHING LINES.

ST. CROIX BRAIDED SILK.



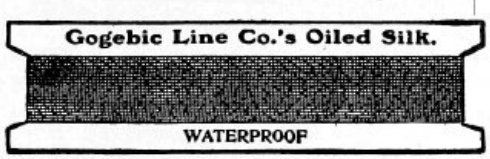
"REV-O-NOC."

Very Highest Quality Selected Silk, Guaranteed Waterproof, Color Very Dark Brown, Solid Braid, 25 Yards on Perforated Winder, Four Connected.

	PER 100 YARDS.
No. 1020—Size 4	$2.60

100 YARDS IN A BOX.

GOGEBIC BRAIDED OILED SILK.



"REV-O-NOC."

Highest Quality China Stock, 10 Yards on a Perforated Winder, Twelve Connected.

	PER GROSS.
No. 745—Size 5	$18.00

Finished by an improved waterproof process, which gives it a hard and glossy finish, semi-transparent.

FIVE DOZEN IN A BOX.

BRAIDED FINISHED SILK.

"REV-O-NOC."

Fine Quality Finished Silk, Color Green and White, 10 Yards on a Perforated Winder, Ten Connected.

	PER 100 YARDS.
No. 725—Size 5	$1.20
No. 724—Size 4	1.40
No. 723—Size 3	1.50

Braided with care. Sizes very accurate.

500 YARDS IN A BOX.

"NEPIGON" BRAIDED SILK.

"REV-O-NOC."

Highest Quality Selected Silk, Color Black and White, 25 Yards on Perforated Card, Four Connected.

	PER 100 YARDS
No. 831—Size G	$1.90
Tested strength 12 lbs.	
No. 832—Size F	2.20
Tested strength 17 lbs.	
No. 833—Size E	2.70
Tested strength 23 lbs.	

Warranted the BEST SOLID braid casting line made. Guaranty test marked on each line.

500 YARDS IN A BOX.

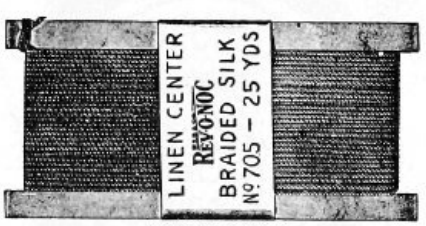
RAW SILK BAIT CASTING.

"REV-O-NOC."

25 Yards on a Block, 4 Connected.

	PER 100 YARDS.
No. 1755—Size 5	$1.60
No. 1754—Size 4	1.80
No. 1753—Size 3	2.20

BRAIDED SILK.



"REV-O-NOC."

Good Quality Silk, Braided over a Linen Center, 25 Yards on a Block, Four Connected.

	PER 100 YARDS.
No. 705—Size 5	$1.00
Tested strength 20 lbs.	
No. 704—Size 4	1.00
Tested strength 30 lbs.	
No. 703—Size 3	1.10
Tested strength 40 lbs.	

A very strong line, good for trolling.

500 YARDS IN A BOX.

OIL SILK.

"REV-O-NOC."

Fine Quality Selected Silk, Color Green and White 10 Yards on a Card, Ten Connected.

	PER 100 YARDS.
No. 775—Size G	$1.30
Tested strength 12 lbs.	
No. 774—Size F	1.60
Tested strength 16 lbs.	
No. 773—Size E	2.00
Tested strength 23 lbs.	

Great care is taken with the finish. This line is not sticky and hard to handle.

100 YARDS IN A BOX

SILKALINE.

"REV-O-NOC."

Black and White Mottled, 50 Feet on a Card, Four Connected.

	PER GROSS.
No. 210.....	$16.80

Made of best material that can be obtained and runs very smooth and regular. A very strong line.

ONE DOZEN IN A BOX.

Fine Quality Cotton, Color Black and White, 50 Feet on a Black Enameled Spool, Six Connected.

	PER GROSS
No. 280—Medium	$18.72

Special braiding machines are used, making a very perfect and extra strong line.

ONE DOZEN IN A BOX.

"REV-O-NOC" FISHING LINES.

YALE ENAMEL.

"REV-O-NOC."

Best Quality Silk, Level Enameled Black and White Color, 25 Yards on a Card, Four Connected.

	PER 100 YARDS.
No. 1536—Size H. Tested strength 12 lbs.	$3.40
No. 1535—Size G. Tested strength 17 lbs.	3.40
No. 1534—Size F Tested strength 23 lbs.	4.00

Made of best silk to be had, with twisted silk core, waterproof finish. Very pliable and extra strong, smooth running.

"AU SABLE" ENAMEL.

"REV-O-NOC."

Color Black and White, 25 Yards on a Card, Four Connected.

	PER 100 YARDS.
No. 1515—Size G. Tested strength 16 lbs.	$1.60
No. 1514—Size F. Tested strength 23 lbs.	2.00

One of the best enameled lines on the market, absolutely waterproof, perfect in finish and of good strength. This line is guaranteed for perfect braid and perfect finish.

100 YARDS IN A BOX.

SALINE ENAMEL.

Front.

"REV-O-NOC."

Solid Braid High Quality Silk, 25 Yards on a Card, Four Connected.

	PER 100 YARDS.
No. 1566—Size H. Tested strength 12 lbs.	$3.30
No. 1565—Size G. Tested strength 17 lbs.	3.60

Made in the popular medium dark pattern. The finish is a novelty in enamels—transparent, tough, elastic. Enamel makes them proof against all alkalies or saline matter in the water.

100 YARDS IN A BOX.

"SLICKEST" ENAMEL.

Best Braided Silk, Color Black, 10 Yards on a Card, Ten Connected.

	PER 100 YARDS.
No. 1546—Size H. Tested strength 12 lbs.	$3.40

A "slick" line, as its name suggests.

"OCTOROON" ENAMEL.

"REV-O-NOC."

Highest Quality Japan Silk, Color Brown or Russet with Black Mottling, 25 Yards on a Card, Four Connected.

	PER 100 YARDS.
No. 1576—Size H. Tested strength 15 lbs.	$4.50
No. 1575—Size G. Tested strength 19 lbs.	5.40

Hard braided and perfectly round. Waterproofed and enameled, very flexible and soft but tough and good for either salt or fresh water.

100 YARDS IN A BOX.

"BLACK KING."

"REV-O-NOC."

Pure Japan Silk, Special Waterproof Finish, Black Color, 25 Yards on a Card, Four Connected.

	PER 100 YARDS.
No. 1077—Size H. Tested strength 12 lbs.	$2.10
No. 1066—Size G. Tested strength 14 lbs.	2.40
No. 1055—Size F. Tested strength 18 lbs.	3.00

Special braid with twisted silk core. Extra strong and durable.

100 YARDS IN A BOX.

"REV-O-NOC" FISHING LINES.

BRAIDED CUTTYHUNK.

"REV-O-NOC."

Choicest Silver Gray Flax, 50 Yards on a Spool, Two Connected.

	PER DOZEN.
No. 416—Size 6	$12.00
Tested strength 12 lbs.	
No. 419—Size 9	13.50
Tested strength 18 lbs.	
No. 422—Size 12	14.40
Tested strength 24 lbs.	

Tarpon, 200 Yards, 50 Yards on a Spool, Four Connected.

	PER DOZEN.
No. 425—Size 15	$15.00
Tested strength 45 lbs.	

Hand made, strength and durability guaranteed. Braided with great care and is a very even and smooth line.

TWO SPOOLS IN A BOX.

"REV-O-NOC."

Good Quality Hand Spun Linen, Whitish Brown Color, 50 Feet on a Black Enamel Spool, Six Connected.

	PER DOZEN.
No. 411—Size 11	$1.50
No. 412—Size 12	1.60
No. 413—Size 13	1.80

This line is twisted perfectly round and smooth.

ONE DOZEN IN A BOX.

BRAIDED LINEN.

"REV-O-NOC."

Fine Quality Irish Linen, Assorted Colors, 25 Yards on a Card, Four Connected.

	PER 100 YARDS.
No. 576—Size 6	$0.70
No. 575—Size 5	.70
No. 574—Size 4	.70
No. 573—Size 3	.70
No. 572—Size 2	.70
No. 571—Size 1	.70

Extra care has been taken in hardening so as to make a very smooth and perfect line

300 YARDS IN A BOX.

HARD BRAIDED LINEN.

"REV-O-NOC."

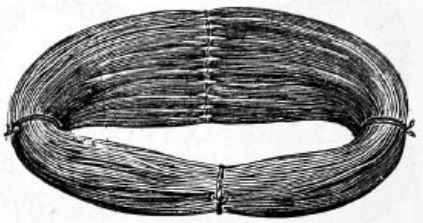
Best Quality Irish Linen Braided over a Linen Center, Extra Fine Finish, Assorted Colors, 25 Yards on a Card, Four Connected.

	PER 100 YARDS.
No. 586—Size 6	$1.00
No. 585—Size 5	1.00
No. 584—Size 4	1.00
No. 583—Size 3	1.00
No. 582—Size 2	1.00
No. 581—Size 1	1.00

A very strong line especially adapted for trolling.

300 YARDS IN A BOX.

LINEN TROUT.



"REV-O-NOC."

In Coils of 25 Feet, Twelve Connected.

	PER GROSS.
No. 140—Size 1	$6.00

HALF GROSS IN A BOX

BRAIDED LINEN.

"REV-O-NOC."

Fine Quality Irish Linen, Assorted Colors, 25 Yards on a Block, Four Connected.

	PER 100 YARDS.
No. 566—Size 6	$0.66
No. 565—Size 5	.66
No. 564—Size 4	.66
No. 563—Size 3	.66
No. 562—Size 2	.66
No. 561—Size 1	.66

500 YARDS IN A BOX.

BRAIDED BLACK LINEN.

"REV-O-NOC."

Best Quality Selected Irish Linen, Color Black, 25 Yards on a Block, Four Connected.

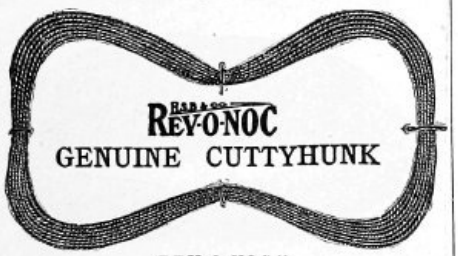
	PER 100 YARDS.
No. 596—Size 6	$0.70
No. 595—Size 5	.70
No. 594—Size 4	.70

Great care is taken in braiding this line.

500 YARDS IN A BOX.

"REV-O-NOC" FISHING LINES.

GENUINE CUTTYHUNK.



"REV-O-NOC."

Genuine Imported Irish Linen Stock, Waterproof Finish, Olive Green Color, 50 Feet on a Card, Six Connected.

	PER GROSS.
No. 349–Size 9	$21.60
No. 352–Size 12	25.00
No. 355–Size 15	28.80

This line is made of the genuine imported Irish linen stock and the twist is very smooth.

ONE DOZEN IN A BOX.

IRISH LINEN REEL.

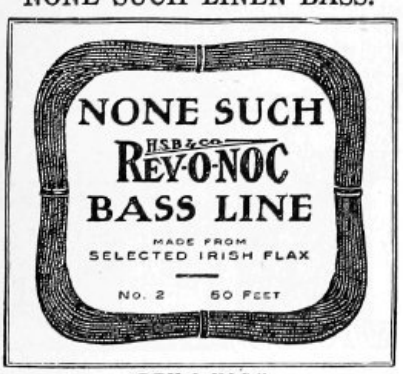
"REV-O-NOC."

Selected Irish Flax, Gray Color, 50 Feet on a Card, Six Connected.

	PER GROSS.
No. 306–Size 6	$12.00
No. 309–Size 9	13.20
No. 312–Size 12	14.40
No. 315–Size 15	16.80

ONE DOZEN IN A BOX.

NONE SUCH LINEN BASS.



"REV-O-NOC."

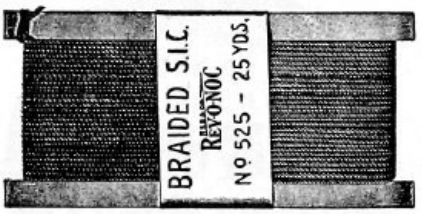
High Grade Twisted Irish Linen, Natural Color, 50 Feet on a Card, Six Connected.

	PER GROSS.
No. 301—Size 1	$11.70
No. 302—Size 2	12.00

This line is very hard and evenly twisted by reverse method to prevent kinking.

ONE DOZEN IN A BOX.

BRAIDED SEA ISLAND COTTON.



"REV-O-NOC."

Genuine Combed Sea Island Cotton Stock, Assorted Colors, 25 Yards on a Block, Four Connected.

	PER 100 YARDS.
No. 526—Size 6	$0.44
No. 525—Size 5	.44
No. 524—Size 4	.44
No. 523—Size 3	.44
No. 522—Size 2	.44
No. 521—Size 1	.44

Perfect braid and sizes accurate.

500 YARDS IN A BOX.

The attention of the "Particular Angler" is invited to the REV-O-NOC Big Four Assortment of High Grade Casting Lines on page 2132.

REV-O-NOC "Invincible" REV-O-NOC "Standisl."
REV-O-NOC "St Croix" REV-O-NOC "Giant"

BLACK BEAUTY.

"REV-O-NOC."

Fine Quality Twisted Linen, Black only, 75 Feet on a Card, Six Connected.

	PER GROSS.
No. 275–Size 5	$10.50

This line is extra strong, tests 15 lbs. pull.

ONE DOZEN IN A BOX.

SPECIAL BRAIDED COTTON.

"REV-O-NOC."

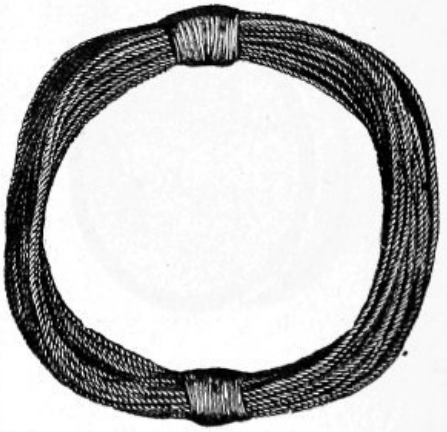
Genuine Combed Sea Island Cotton, 25 Yards on a Card, Four Connected.

	PER GROSS.
No. 541—Bass	$25.20
No. 550—Trout	25.20

Because of the great number of threads and the manner of hardening, this line is the smoothest and strongest cotton made.

ONE DOZEN IN A BOX.

SEA GRASS.



"REV-O-NOC."

Six Coils Connected.

	PER GROSS.
No. 192—Size 2	$9.00
No. 193—Size 3	9.00

NO. 192, 75 FT., AND NO. 193, 60 FT., TO EACH SIX COILS; ONE GROSS IN A BOX.

FISHING LINES.

MARTIN'S BRAIDED OIL SILK.

Very Choice Silk, 25 Yards on a Card, Four Connected.

PER 100 YARDS.

No. 1205—Expert, Trout.. $2.20

Tested strength 10 lbs.

ONE HUNDRED YARDS IN A BOX.

No. 1203—Potomac, Bass... PER DOZEN. $2.50

Tested strength 23 lbs.

The waterproof dressing makes the line dry and pliable. It will give particular satisfaction to expert fishermen. It is absolutely waterproof.

ONE HUNDRED YARDS IN A BOX.

BLACK AND WHITE BRAIDED CASTING SILK.

25 Yards on a Spool, 4 Connected, 12 Spools in a Box.

PER DOZEN.

No. 23—Size 1 $3.00

Tested strength 15 lbs.

ONE DOZEN IN A BOX.

50 Yards on Spool, 100 Yards in a Box.

PER 100 YARDS

No. 24—Size 1 $1.70

Tested strength 18 lbs.

ONE HUNDRED YARDS IN A BOX.

LITTLE JAP, MARTIN'S KINGFISHER.

Oriental Japanese Braided Silk, 25 Yards on Spools.

PER 100 YARDS

No. 807—Size 6 $1.50

ONE HUNDRED YARDS IN A BOX.

MARTIN'S KINGFISHER BRAIDED SILK.

High Grade Italian Silk, Golden Yellow Color, 50 Yards on a Patent Winder, Two Connected.

PER 100 YARDS

No. 815—Size 5 $2.40

Tested strength 14 lbs.

No. 814—Size 4 2.80

Tested strength 18 lbs.

No. 813—Size 3 3.40

Tested strength 25 lbs.

Great care is taken in braiding this line and the special braid makes it very strong.

ONE HUNDRED YARDS IN A BOX.

HALL'S CUTTYHUNK BASS.

Twisted Pure Irish Flax, Natural Color, 50 Yards on a Spool, Two Connected.

PER DOZEN.

No. 369—Size 9 $4.20

Tested strength 18 lbs.

No. 372—Size 12 4.20

Tested strength 24 lbs.

No. 375—Size 15 4.20

Tested strength 30 lbs.

Carefully examined and each thread tested.

ONE DOZEN IN A BOX.

FISHING LINES.

KINGFISHER SLICKEST CASTING.

Finest Quality Japan Silk, Solid Braid, Color Mixture of Brown, Red and Green, 50 Yards on a Spool, Two Connected.

	PER 100 YARDS
No. 805—Size G	$2.68

Tested strength 16 lbs.

TWO IN A BOX.

KINGFISHER TOURNAMENT BAIT CASTING LINE.

Best Quality Black and White Silk, 50 Yards on a Spool, Two Connected

	PER 100 YARDS.
No. 806—Size 6	$2.20

Tested strength 5 lbs.

Made only for professional casting or for small brook trout.

TWO IN A BOX.

KINGFISHER MUSCALLONGE.

Finest Quality Silk, Braided Over a Twisted Silk Center, Color Black and White, 50 Yards on a Spool, Two Connected.

	PER 100 YARDS.
No. 850.	$4.60

Tested strength 40 lbs.

Test fully guaranteed.

TWO IN A BOX.

KINGFISHER BAIT CASTING.

High Grade Japan Silk, Solid Braid, Color Black and White, 50 Yards on a Spool, Two Connected.

	PER 100 YARDS
No. 895—Size 5	$2.18

Tested strength 12 lbs.

No. 894—Size 4	2.58

Tested strength 16 lbs.

No. 893—Size 3	3.28

Tested strength 23 lbs.

An excellent line for casting.

TWO IN A BOX.

KINGFISHER SPECIAL TROUT, RUSSET ENAMEL FINISH.

Fine Quality Silk, Waterproof, Russet Finish, 10 Yards on a Card, Ten Connected.

	PER 100 YARDS
No. 1525—	$2.90

Tested strength 10 lbs.

100 YARDS IN A BOX.

KINGFISHER HARD BRAID.

Best Quality Silk, Extra Hard Braided, Color Black and White, 50 Yards on a Spool, Two Connected.

	PER 100 YARDS.
No. 865—Size 5	$2.68
No. 864—Size 4	3.20

Made for those wanting an extremely hard braided line of gigantic strength for bait casting and general lake fishing.

TWO IN A BOX.

KINGFISHER BRAIDED RAW SILK.

Fine Quality Raw Silk, 25 Yards on a Block, Four Connected.

	PER 100 YARDS.
No. 755—Size 5	$1.82
No. 754—Size 4	2.16
No. 753—Size 3	2.72

No. 755 is solid braid, balance are braided over a twisted silk core, making lines very strong and durable.

500 YARDS IN A BOX.

KINGFISHER LAKE SUNAPEE ENAMEL FLY.

Choicest Japan Silk, Green and White Color, 25 Yards on a Card, Four Connected.

	PER 100 YARDS
No. 1215—Size AG	$3.50

Tested strength 18 lbs.

No. 1214—Size AF	4.30

Tested strength 23 lbs.

Hard braided and absolutely waterproof, exceptionally strong and beautifully finished. Being treated with an enamel finish in addition to being oiled, these lines are equal to enamel lines for all practical purposes.

Best care taken in braiding over a twisted silk core.

100 YARDS IN A BOX.

FISHING LINES.

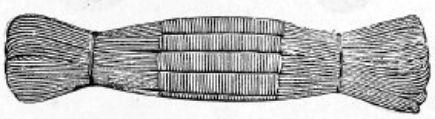
EUREKA COTTON.

In Hanks of 15 Feet, 12 Connected.

	PER GROSS.
No. 101—Size 1	$1.00
No. 102—Size 2	1.10
No. 103—Size 3	1.20
No. 104—Size 4	1.40
No. 105—Size 5	1.60
No. 106—Size 6	1.80
No. 107—Size 7	2.20
No. 108—Size 8	2.40
No. 109—Size 9	2.80
No. 110—Size 10	3.40

HALF GROSS IN A BOX

WHITE COTTON.



In Hanks of 20 Feet, Twelve Connected.

	PER GROSS.
No. 111—Size 1	$1.00
No. 112—Size 2	1.10
No. 113—Size 3	1.20
No. 114—Size 4	1.40
No. 115—Size 5	1.60
No. 116—Size 6	1.80
No. 117—Size 7	2.20
No. 118—Size 8	2.40
No. 119—Size 9	2.80
No. 120—Size 10	3.40
No. 121—Size 11	3.50
No. 122—Size 12	3.60
No. 123—Size 13	3.92
No. 124—Size 14	4.80

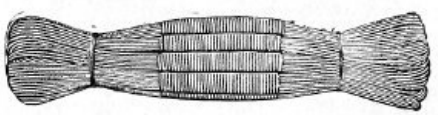
HALF GROSS IN A BOX.

BRAIDED SEA ISLAND COTTON.

Genuine Combed Sea Island Cotton, in Hanks of 15 Feet, Twelve Connected.

	PER GROSS.
No. 506—Size 6	$3.40
No. 505—Size 5	3.40
No. 504—Size 4	3.40
No. 503—Size 3	3.40
No. 502—Size 2	3.40

HALF GROSS IN A BOX.



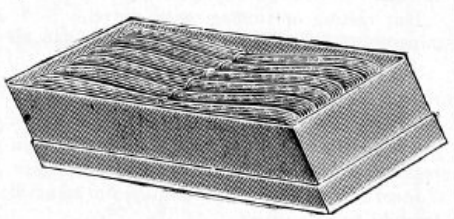
Genuine Combed Sea Island Cotton, in Hanks of 25 Feet, Twelve Connected.

	PER GROSS.
No. 516—Size 6	$5.00
No. 515—Size 5	5.00
No. 514—Size 4	5.00
No. 513—Size 3	5.00
No. 512—Size 2	5.00

Perfect in finish and color.

HALF GROSS IN A BOX.

OLD RELIABLE BRAIDED COTTON.



Three Ply Combed Sea Island Cotton, Dark Ecru and Ecru and Green Mottled, in Hanks of 84 Feet (full length), Six Connected.

	PER GROSS.
No. 535 —Size 5	$14.40
No. 534 —Size 4	14.40
No. 533 —Size 3	14.40
No. 532 —Size 2	16.40
No. 531 —Size 1	18.00
No. 530 —Size 0	20.40
No. 530½—Size 2-0	24.00
No. 530¾—Size 3-0	27.20

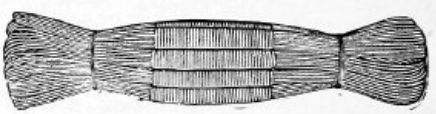
ONE DOZEN IN A BOX.

HAND MADE BROWN LINEN.

Genuine Linen Stock, Natural Flax Color, in Hanks of 15 Feet, Twelve Connected.

	PER GROSS.
No. 131—Size 1	$2.20
No. 132—Size 2	2.40
No. 133—Size 3	2.50
No. 134—Size 4	2.70
No. 135—Size 5	3.00
No. 136—Size 6	3.50
No. 137—Size 7	4.00

HALF GROSS IN A BOX.

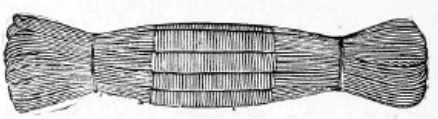


Genuine Linen Stock, Natural Flax Color, in Hanks of 25 Feet, Twelve Connected.

	PER GROSS
No. 141—Size 1	$3.44
No. 142—Size 2	3.60
No. 143—Size 3	3.78
No. 144—Size 4	3.90
No. 145—Size 5	4.44
No. 146—Size 6	5.12
No. 147—Size 7	5.60

HALF GROSS IN A BOX.

BRAIDED IRISH LINEN



Finest Quality Irish Linen, Assorted Colors, in Hanks of 25 Feet, Twelve Connected.

	PER GROSS.
No. 556—Size 6	$7.50
No. 555—Size 5	7.50
No. 554—Size 4	7.50
No. 553—Size 3	7.50
No. 552—Size 2	7.50

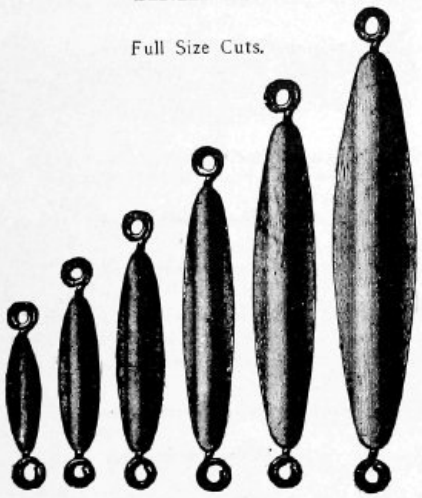
This line is smooth and perfect.

HALF GROSS IN A BOX.

SINKERS AND CASTING WEIGHTS.

SINKERS.

Full Size Cuts.



1 3 5 7 9 11

Showing Style of Adjustable and Size of Both Common and Adjustable Sinkers.

Adjustable. Spiral Spring, Round Lead Body, Full Weight.

Sizes	1	2	3
No. 200—Per gross	$0.66	.80	1.00
Sizes	4	5	6
No. 200—Per gross	$1.15	1.40	1.60
Sizes	7	8	9
No. 200—Per gross	$2.00	2.30	2.70
Sizes	10	11	
No. 200—Per gross	$4.00	5.00	

The spiral spring allows instant adjustment to the line without the trouble of tying.

Common Ringed, Round Lead Body, Full Weight.

Sizes	1	2	3
No. 300—Per gross	$0.60	.70	.78
Sizes	4	5	6
No. 300—Per gross	$0.84	1.14	1.40
Sizes	7	8	9
No. 300—Per gross	$1.66	1.98	2.50
Sizes	10	11	12
No. 300—Per gross	$3.80	4.40	5.30

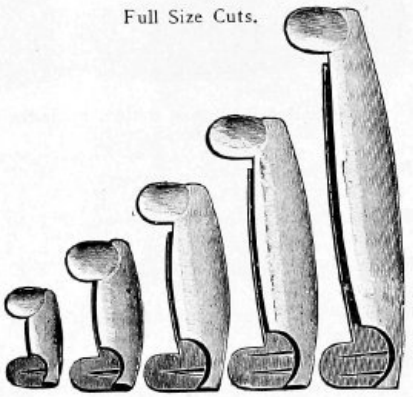
Full Size Cut of No. 24.

Egg, Full Weight, Lead, Hole Through Center.

Nos	28	27	26	25	24
W't each	½	1	1⅜	2	3¼ oz.
Length	⅝	⅞	1	1⅛	1⅜ in.
Per gross	$1.02	2.04	2.80	4.00	6.60

SINKERS.

Full Size Cuts.



0 2 4 6 9

Rangley, Soft Lead, Grooved.

Sizes	0	1	2	3
Length	⅝	¾	⅞	1⅛ in.
No. 100—Per gross	$0.50	.60	.70	.90
Sizes	4	5	6	7
Length	1¼	1½	1⅝	1⅞ in.
No. 100—Per gross	$1.10	1.30	1.60	1.90
Sizes	8	9	10	
Length	2	2¼	2⅜ in.	
No. 100—Per gross	$2.20	2.60	3.00	

The line placed in groove of this sinker can be fastened at will by simply folding over the ears.

No. 216—JAMISON'S, *non-kinking*, for bait casting or trolling, with swivel, per gross.....$16.80

This is a combination of sinker, snap and swivel, will hold any bait right side up and positively prevents the line from kinking in either casting or trolling. Economical in that it makes weighted hooks unnecessary. Weedless. Cannot get out of order. Guaranteed to stand at least 50 pounds strain.

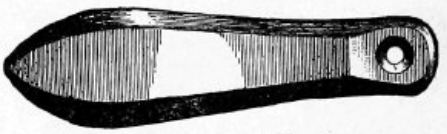
ONE DOZEN IN A BOX.

CASTING WEIGHTS.

No. 217—JAMISON'S "TOURNAMENT," for practice casting; wood body with metal ends, two sizes, ¼ and ½ oz., weights guaranteed accurate.....per gross $21.60

An excellent casting weight. Much easier to handle than the small metal weights.

SINKERS.



Full Size Cut of No. 6.

Bank, Lead, for Throw Lines and Trolleys.

Nos	6	4	2
W't each	4	6¼	9 oz.
Length	2½	3	3½ in.
Per gross	$8.00	12.00	14.40

BB Shot, 19 in a box....per gross boxes $2.70
No. 7 Buck Shot, 12 in a box, per gross boxes..... 4.80

BB, THREE DOZEN; BUCK, ONE DOZEN IN A CARTON.

Full Size Cuts.

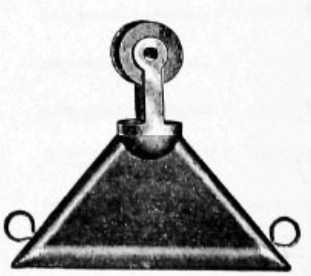
No. 7. No. 5.

Dipsey, Brass Loop, Lead.

Nos	10	9	8
W't each	3/32	1/8	1/16 oz.
Per gross	$6.40	6.40	6.40
Nos	7	6	5
W't each	¼	⅜	½ oz.
Per gross	$6.40	6.90	6.90
Nos	4	3	2	1
W't each	1	1¾	2¼	3 oz.
Per gross	$7.50	8.20	9.60	11.20

NOS. 10 TO 7, SIX DOZEN; NOS. 6 AND 5, THREE DOZEN; BALANCE, ONE DOZEN IN A BOX.

TROLLEY SINKERS.



No. 345—Lead, with brass trolley wheel and loops, without line, w't 6 oz., per gross..... $32.40

A heavy lead sinker on a solid brass trolley which is used in connection with an anchor line fastened to shore, any number of hooks can be used. Used for still fishing only.

FOUR IN A BOX.

FLOATS, FISH KNIVES AND SCALERS.

FLOATS.

No. 2.

No. 3

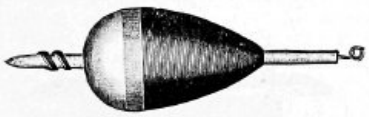
No. 2—1⅝ in., 2 colors, stained and varnished, without stick.....per gross $1.44

No. 3—1⅝ in., 3 colors, wood, egg shape, stained and varnished, without stick, per gross..... 2.00

ONE GROSS IN A BOX.

No. 4—1½ in., 2 colors, wood, egg shape, painted and varnished, with stick, per gross..... $2.50

ONE-QUARTER GROSS IN A BOX.



Excelsior, Wood, Egg Shape, Painted in Three Colors and Varnished.

Nos.....	40	41	42	43	44
Sizes.....	1½	1¾	2	2¼	2½ in.
Per gross...	$2.80	3.00	3.50	4.20	4.80

ONE DOZEN IN A BOX.

Cork, Unbound, Egg Shape, Adjustable, Two Colors, Varnished.

Nos.....	301	302	303	304	305
Sizes.....	1½	1¾	2	2½	3 in
Per gross..	$5.50	7.00	8.80	12.00	20.00

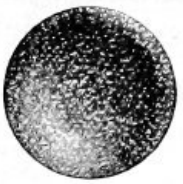
ONE DOZEN IN A BOX.

Cork, Barrel Shape, Adjustable, Two Colors, Varnished.

Nos.....	403	404	405	406	407
Sizes.....	2	2½	3	3½	4 in.
Per gross...	$7.00	8.20	11.00	13.80	18.00

ONE DOZEN IN A BOX.

FLOATS.



Cork Balls, Unpainted.

Nos.....	503	504	505	506	507	508
Sizes.....	1⅛	1¼	1⅜	1½	1¾	1⅞ in.
Per gross...	$4.80	5.52	6.00	7.20	9.60	12.00

These floats are natural color and have a hole through center into which a peg can be forced holding line securely in any position desired.

ONE DOZEN IN A BOX.

No. 75—Bristol, wood, 2 in., brass tube through which line passes, patent snap, per gross.....$27.60

ONE DOZEN IN A BOX.

No. 79—Cork, 2½ in., egg shape, two colors and varnished, with brass wire extending through float with spiral ends, metal bushing at top and bottom to prevent wear.....per gross $36.00

On reeling in a strike when the float comes in contact with the end of pole it releases the line in the bottom of float and allows it to slide down line to sinker which effects a sure and safe landing.

ONE DOZEN IN A BOX.

Cork, Thin Taper, Zebra Painted, Assorted Colors.

Nos.....	702	703	704	705	706
Sizes.....	2	3	4	5	6 in.
Per gross....	$17.20	25.20	38.40	60.00	78.00

ONE DOZEN IN A BOX.

Adjustable, Cork, Barrel Shape, Pilot Ball, Zebra Painted.

Nos.....	801	802	803	803¼
Sizes.....	1¾	2¼	2½	2¾ in.
Per gross....	$12.00	14.40	16.08	18.00

Nos.....	804	805	806
Sizes.....	3	3½	4
Per gross.....	$19.68	21.60	26.40

ONE DOZEN IN A BOX.

Porcupine Quill Floats, Bound, with Ring.

Nos.....	54	56	58
Sizes.....	4	6	8
Per gross.....	$5.00	5.50	7.80

THREE DOZEN IN A BOX.

FISH KNIVES.

No. 55G—Black Diamond, beechwood handle, extra fine quality hand forged blade, warranted, 3, 3½ and 4 in. blades, per dozen..... $4.00

HALF DOZEN IN A BOX.

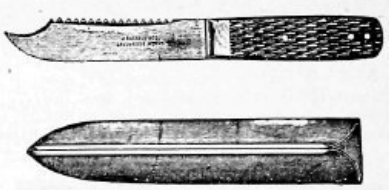
No. 25G—~~0148~~, beechwood handle, Sandusky pattern, 3 and 4½ in. blades, per dozen..... $4.00

HALF DOZEN IN A BOX.

No. 0148G—Cocoa handle, forged steel blade, double edge, leather sheath, per dozen..... $13.00

HALF DOZEN IN A BOX.

FISHERMEN'S KNIVES.



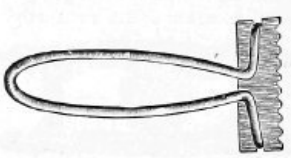
No. 10RG—Russell's, 4¾ in. blade, scored cocobolo handle, lap bolster, leather sheath with loop to attach to belt.....per dozen $8.00

ONE DOZEN IN A BOX.

FISH SCALERS.

No. G15—Heavy perforated tin, length 9¼ in., w't per doz. 2½ lbs..per dozen $2.00

HALF DOZEN ON A DISPLAY CARD.



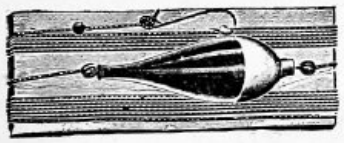
No. 17—1×2 in. steel blade, 5 in. heavy wire handle, w't per doz. 1¼ lbs., per dozen..... $1.60

ONE DOZEN IN A BOX.

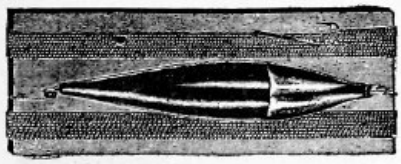
FURNISHED LINES.

No. 2—12 ft. drab cotton line, 1¾ in. enameled three colored wood egg float, No. 1 Kirby ringed hook, shot sinker, stained wood winder.....per gross $3.60
ONE-SIXTH GROSS IN A BOX.

No. 9—12 ft. drab cotton line, 1½ in. three colored adjustable wood egg float, No. 1 Kirby ringed hook, shot sinker, patent winder.....per gross $4.80
ONE-QUARTER GROSS IN A BOX.

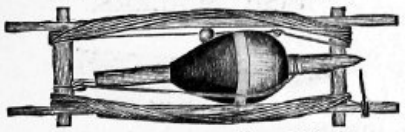


No. 4—15 ft. drab cotton line, 1¾ in. three colored patent adjustable wood egg float, No. 1/0 Kirby ringed hook, shot sinker, stained flat winder, per gross $6.00
ONE-SIXTH GROSS IN A BOX.

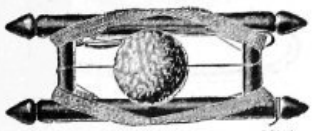


No. 8—15 ft. drab cotton line, 3¾ in. patent adjustable barrel float, No. 1/0 Kirby hook on double gut, shot sinker, stained wood winder.....per gross $10.40
ONE-QUARTER GROSS IN A BOX.

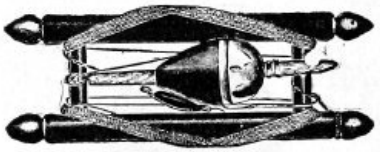
No. 11—15 ft. good quality line, adjustable striped cork egg float, No. 1/0 Kirby hook on gut, adjustable sinker, flat winder.....per gross $14.40
ONE-TWELFTH GROSS IN A BOX.



No. 5—15 ft. drab cotton line, 1½ in. three colored adjustable wood egg float, No. 1/0 Kirby ringed hook, shot sinker, new style reel winder.....per gross $7.20
ONE-QUARTER GROSS IN A BOX.

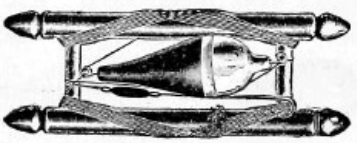


No. 7½—15 ft. green cable line, Kirby hook split shot sinker, 1 in. polished cork ball float, on black enameled acron reel winder .....per gross $9.12
ONE-TWELFTH GROSS IN A BOX.



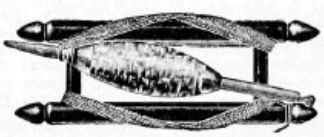
No. 102—15 ft. green line, assorted egg and barrel adjustable wood floats, No. 1/0 Kirby hook on double gut, patent adjustable sinker, black enameled reel winder.....per gross $10.40

No. 202—15 ft. green line, assorted egg and barrel adjustable cork floats, No. 1/0 Kirby ringed hook, adjustable sinker, black enameled reel winder, per gross..... 11.20
ONE-TWELFTH GROSS IN A BOX.

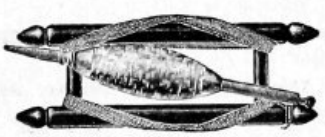


No. 10—15 ft. hard twisted cotton line, assorted egg and barrel adjustable floats, No. 1/0 Kirby hook on double gut, adjustable sinker, black enameled reel winder.....per gross $12.00

No. 12—15 ft. braided black and white silkaline line, assorted egg and barrel adjustable floats, No. 1/0 Kirby hook on double gut, adjustable sinker, enameled reel winder.....per gross 16.80
ONE-TWELFTH GROSS IN A BOX.

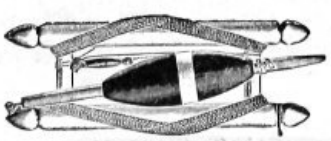


No. 256½—60 ft., green finish, heavy cable line, heavy sinker and hook on wood frame reel.....per gross $15.12
ONE-TWELFTH GROSS IN A BOX.

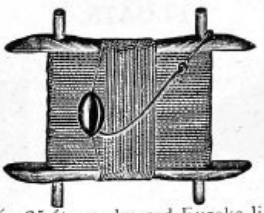


No. 260½—15 ft., braided linen, mottled green and brown, snelled hook, No .1 adjustable ringed sinker, 2¼ in. barrel, natural finish adjustable cork floats, assorted on white enameled acron reel winder.....per gross $21.60

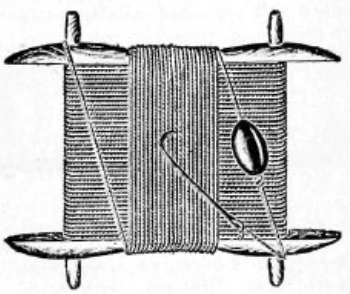
No. 15½—15 ft., braided silk line, snelled hook, No. 1 adjustable ringed sinker, 2¼ in. barrel, natural finish adjustable cork float on black enamel acron reel.....per gross 24.00
ONE-TWELFTH GROSS IN A BOX.



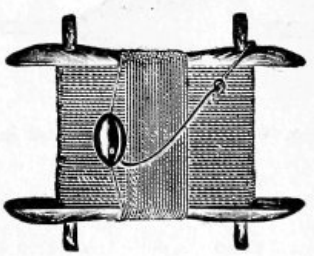
No. 153¼—15 ft., finest quality braided silk line, black and white, snelled hook, No. 1 adjustable ringed sinker, 2 in. barrel hollow wood float, enameled in three colors, on white enameled acron reel.....per gross $48.00
ONE-TWELFTH GROSS IN A BOX.



No. 150½—25 ft., undressed Eureka line, Kirby hook, egg sinker on frame reel winder.....per gross $6.00
ONE-QUARTER GROSS IN A BOX.

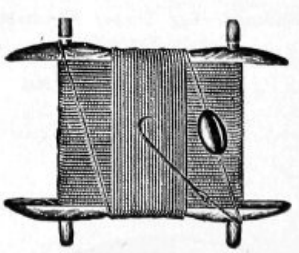


No. 155—30 ft. drab Eureka line, No. 6 egg sinker, No. 1/0 Kirby ringed hook, patent reel winder, natural finish, per gross..... $7.20
ONE-TWELFTH GROSS IN A BOX.



No. 175—30 ft. hard twisted green line, No. 6 egg sinker, No. 1/0 Kirby hook on gut, black enameled reel winder, per gross $10.32

No. 260—60 ft. heavy hard twisted green line, No. 5 egg sinker, No. 1/0 Kirby hook on gut, large black enameled winder.....per gross 19.20
ONE-TWELFTH GROSS IN A BOX.



No. 14—15 ft. braided silkaline line, 2½ in. adjustable striped egg cork float, No. 1/0 Kirby hook on double gut, adjustable sinker, black enameled reel winder.....per gross $21.60

No. 16½—60 ft., braided line, mottled brown and green, snelled hook, No. 1 adjustable ringed sinker, 2 in. egg stick float, on black enameled reel, per gross..... 27.60
ONE-TWELFTH GROSS IN A BOX.

FISHING TACKLE ASSORTMENTS.

Contents.

1 Electric Wooden Minnow blended rainbow, size ⅜.
1 Double Propeller Glow Spinner, size 2.
1 Weedless Casting Spoon, nickel convex, copper concave, size 3.
1 Carleton Spinner, polished nickel both sides, size 1-0.
1 Original Casting Spinner, nickel convex, copper concave, size 2.
1 Original Casting Spinner, white enamel over all, size 1.
1 Hercules Cable Wire Leader, 36 in., size 1-0.
6 Cincinnati Bass Snelled Hooks, double gut, gold medal quality, size 20.
6 Sproat Snelled Hooks, double gut, gold medal quality, size 1-0.
6 Carlisle Snelled Hooks, single gut, gold medal quality, size 5.
6 Connecting Links, nickel plated, assorted sizes, 1, 2, 3.
3 Patented Bass Casting Swivel Sinkers, assorted sizes, 3, 4, 5.

No. 1154—ANGLERS' SELECT, consisting of the most popular bass baits in fancy hinged cover display box, put up especially for bass fishing.....each $4.00

No. 2265—FAVORITE, consisting of 1 good quality 15 ft. drab line on fancy Japanese bamboo winder, complete with hooks, sinker and three color enameled adjustable float, 1 extra 15 ft. linen finish line 4 extra ringed Carlisle and Kirby hooks, assorted sizes, 6 split hot sinkers.....per dozen assortments $1.40

No. 2260—JUVENILE, consisting of 1-15 ft. line on winder, complete with hook, sinker and three-color quill fastener float, 1 extra 15 ft. line, 3 ringed hooks, assorted sizes, 2 extra split shot sinkers per dozen assortments..... $0.80

ONE DOZEN ASSORTMENTS IN CARTON.

Contents.

100 Kirby Hooks No. 1, retail 2 for 1 cent	$0.50
100 Limerick Hooks No. 2, retail 2 for 1 cent	.50
100 Kirby Hooks No. 3, retail 2 for 1 cent	.50
100 Limerick Hooks No. 1, retail 2 for 1 cent	.50
100 Kirby Hooks No. 2, retail 2 for 1 cent	.50
12 Furnished Lines with Floats, retail 5 cents each	.60
24 Ringed Sinkers, assorted, retail 1 cent each	.24
24 Furnished Lines, retail 1 cent each	.24
24 Eureka Lines, retail 1 cent each	.24
12 Eureka Lines, retail 3 cents each	.36
12 Adjustable Floats, assorted, retail 5 cents each	.60

No. 90—RANGELY, consisting of 11 different articles and sizes, in strong attractive partitioned box, 11×14 in., with hinged cover, total retail value $4.78, w't 2½ lbs.....each $2.40

Contents.

600 Fish Hooks, retail 2 for 1 cent	$3.00
12 Eureka Lines, retail 1 cent each	.12
12 Eureka Lines, retail 2 cents each	.24
12 Braided Lines, retail 5 cents each	.60
12 Best Trout Lines, retail 5 cents each	.60
24 Ringed Sinkers, retail 1 cent each	.24
4 Boxes Split Shot, retail 5 cents each	.20
18 Furnished Fish Lines, retail 1 cent each	.18
12 Furnished Fish Lines, retail 3 cents each	.36
8 Furnished Fish Lines, retail 5 cents each	.40
36 Snelled Hooks, retail 2 cents each	.72
12 Adjustable Floats, retail 5 cents each	.60

No. 105—EXCELSIOR, consisting of 12 different articles and sizes, in strong and attractive box, 10½×16½ in., with hinged cover, total retail value $7.26, w't 3½ lbs.....each $4.00

FISHING TACKLE ASSORTMENTS.

CONTENTS.

8 Furnished Fish Lines, retail 5 cents each	$0 40
4 Furnished Fish Lines, retail 10 cents each	.40
10 Furnished Fish Lines, retail 3 cents each	.30
6 Furnished Fish Lines, with Float, retail 5 cents each	.30
30 Furnished Fish Lines, with Float, retail 1 cent each	.30
8 Adjustable Floats, retail 5 cents each	.40
6 Adjustable Floats, retail 10 cents each	.60
12 Braided Fish Lines, retail 5 cents each	.60
24 Eureka Lines, retail 2 cents each	.48
72 Eureka Lines, retail 1 cent each	.72
12 Trout Lines on Card, retail 5 cents each	.60
54 Ringed Sinkers, Assorted, retail 1 cent each	.54
36 Snelled Hooks, retail 2 cents each	.72
200 Hooks, retail 1 cent each	2.00
600 Hooks, retail 2 for 1 cent	3.00
100 Hooks, retail 2 cents each	2.00
Total retail value	$13.36

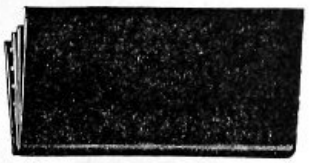
No. 100—Comprising 16 different articles and sizes, in extra strong, attractive partitioned box, size 19×17×2¾ in., with hinged cover, weight 6¼ lbs. ..... each $8.50

CONTENTS.

600 Kirby Hooks Nos. 1 to 6, retail 2 for 1 cent	$3.00
100 Kirby Hooks No. 1–0, retail 2 for 1 cent	.50
100 Kirby Hooks No. 2–0, retail 2 for 1 cent	.50
100 Kirby Hooks No. 3–0, retail 1 cent each	1.00
100 Kirby Hooks No. 4–0, retail 1 cent each	1.00
100 Carlisle Hooks No. 5–0, retail 2 cents each	2.00
100 Carlisle Hooks No. 3–0, retail 2 cents each	2.00
100 Carlisle Hooks No. 1–0, retail 1 cent each	1.00
100 Carlisle Hooks No. 1, retail 1 cent each	1.00
36 Ringed Sinkers, assorted, retail 1 cent each	.36
12 Furnished Lines with Egg Float, retail 5 cents each	.60
12 Furnished Lines with Barrel Float, retail 10 cents each	1.20
8 Furnished Lines with Heavy Sinker, retail 5 cents each	.40
12 Furnished Lines with Heavy Sinker, retail 10 cents each	1.20
12 Furnished Lines with Heavy Sinker, retail 5 cents each	.60
12 Furnished Lines with Heavy Sinker, retail 3 cents each	.36
24 Braided Lines, 50 feet, retail 5 cents each	1.20
36 Eureka Lines, 15 feet, retail 2 cents each	.74
144 Eureka Lines, 15 feet, retail 1 cent each	1.42
3 Brass Click Reels, retail 25 cents each	.75
3 Nickel Click Reels, retail 50 cents each	1.50
72 Hooks on Gut, assorted sizes, retail 2 cents each	1.44
6 Pickerel or Spoon Bait, retail 10 cents each	.60
12 Trout Flies, assorted, retail 5 cents each	.60
Total retail value	$24.97

No. 106—CHAMPION ASSORTMENT, comprising 24 different articles and sizes in an extra strong, showy, cloth covered wood box, 16×22 in., partitioned, and having everything marked with retail prices. The most convenient assortment ever put up, as it contains reels, baits and flies as well as lines and hooks. ..... each **$18.00**

FLY AND TACKLE BOOKS.

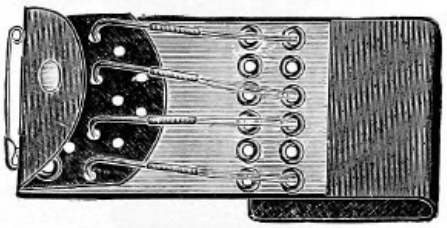


No. 10—7×3½ in., cloth covered, two parchment pockets, patent fly fasteners, holds four dozen flies.....per dozen $3.00

TWO DOZEN IN A BOX.

No. 0—6¼×3½ in., imitation walrus, canvas lined, two paper pockets, two parchment leaves with patent fasteners, two flannel drying leaves, holds four dozen flies.....per dozen $6.80

HALF DOZEN IN A BOX.

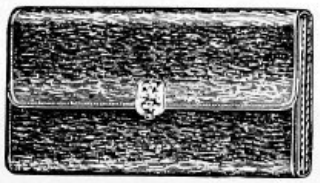


No. 78—SAM CRY, 2½x4 in., leather, glove fastener clasp, stiff celluloid back inside, leather flap with twelve holes for hooks and twelve holes in back cover for snells to protrude through, safety pin attachment for pinning book to clothing.....per dozen $4.80

This is a valuable addition to the outfit of any fisherman. The book is pinned to coat or vest and an assortment of hooks and flies can thus be safely carried. No bending of snells, no tangling of hooks, always in shape and always ready.

Made exclusively for us.

ONE DOZEN IN A BOX.

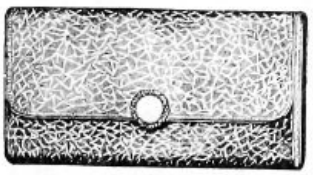


No. 30—7×3 in., imitation red leather, canvas lined, nickel clasp, two celluloid leaves, with patent coil spring fasteners, flannel drying leaves, one pocket, holds four dozen flies.....per dozen $12.80

No. 31—7×4¼ in., heavy grain leather, leather lined, nickel clasp, two pockets, two parchment leaves, with patent coil spring fastener, flannel drying leaves, holds eight dozen flies, per dozen..... 18.00

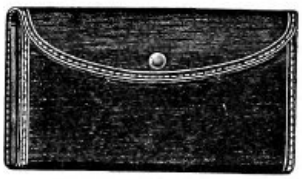
No. 32—7×4¼ in., grain Mexican leather, leather lined, nickel clasp, two pockets, two celluloid leaves, with patent coil spring fasteners, felt drying pads, holds eight dozen flies.....per dozen 30.00

ONE IN A BOX.



No. 58—6×2½ in., vest pocket size, red leather, canvas lined, button clasp, two parchment pockets, two parchment leaves with coil wire fastener, flannel drying leaves, holds four dozen flies.....per dozen $ 7.50

HALF DOZEN IN A BOX.



No. 62—7×4 in., bray pattern, red leather, leather lined, one pocket, one celluloid leaf holding four dozen flies, glove fastener, felt drying leaves, per dozen..... $20.00

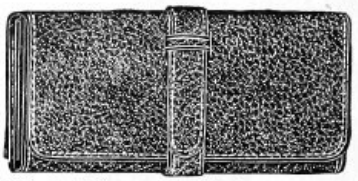
ONE IN A BOX.

No. 135—6×4 in., imitation Morocco cover satin lined, contains envelopes with mica window.....per dozen $13.50

ONE DOZEN IN A BOX.

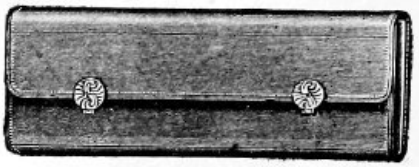
No. 115—7×4 in., genuine calf, lined with same material, two large leather pockets, one small leather pocket, with glove fastener, two transparent pockets, two celluloid leaves, with spiral wire clips, felt drying leaves, holds eight dozen flies.....per dozen $72.00

ONE IN A BOX.



No. 110—8×4 in., grain leather, canvas lined, five large and three small pockets, two parchment leaves, with strap fasteners, flannel drying leaves, holds eight dozen flies.....per dozen $24.00

ONE-QUARTER DOZEN IN A BOX.



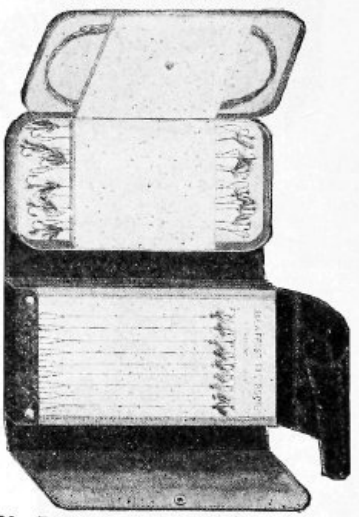
No. 5—10×4¼ in., for flies and hooks, drab canvas, cloth lined, one pocket, four parchment leaves, two having spring clips, flannel drying leaves, two spring clasps, holds four dozen flies, per dozen..... $11.30

No. 100—10×3¾ in., for flies and hooks, red leather, canvas lined, one large pocket, four parchment leaves, two with wire fasteners, flannel drying leaves, two nickeled clasps, holds four dozen flies.....per dozen 16.00

HALF DOZEN IN A BOX.

No. 105—10×3½ in., for snelled hooks, monkey grain leather, red or black, leather lined, five large canvas pockets, cloth bound.....per dozen $14.40

HALF DOZEN IN A BOX.



No. 120—7⅛×3½×1⅛ in., seal skin, four celluloid pockets, opening at end holding four dozen flies, also aluminum box, with felt soak pads, holding two dozen flies, extra pocket and soak pads for leaders, holding two dozen, patent fastener.....per dozen $64.00

ONE IN A BOX.

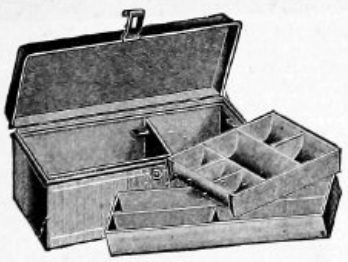
TACKLE, BAIT AND LEADER BOXES.

TACKLE BOXES.

No. 9—7½×4½×1¾ in., for pocket, one large and three smaller compartments, outside finish green enamel, gold striped, inside golden brown, w't per doz. 9 lbs.....per dozen $6.40

No. 11—8¼×4¼×3 in., one large and three smaller compartments, improved hasp latch, finish golden brown, gold striped, w't per doz. 14 lbs...per dozen $7.50

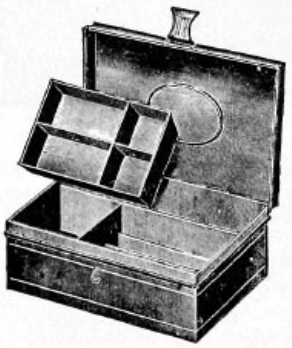
No. 12—10½×5⅛×4 in., three compartments and extra round bottom tray, with five spaces, improved locking device, finish brown japan and ornamented, w't per doz. 24 lbs.....per dozen $10.80



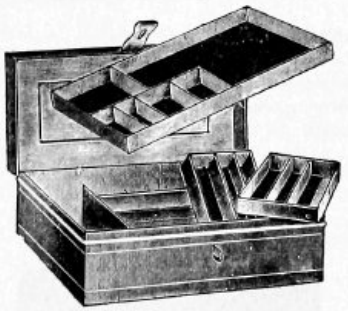
No. 13—12¼×6⅛×5½ in., two very large compartments, two trays, three and six compartments each, strong hasp lock, finish golden brown with gold stripes, w't per doz. 42 lbs., per dozen.....$16.00

No. 6—9½×7×3½ in., two large and three small compartments, with tray of four compartments, best quality tin plate, enameled green outside, brown inside, w't per doz. 24 lbs., per dozen $15.60

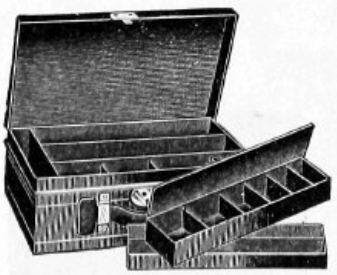
TACKLE BOXES.



No. 16—10¾×7½×4 in., two large and three small compartments, extra tray of four compartments, patent hasp fastener, made of high grade tin plate, enameled rich green outside, brown inside, w't per doz. 30 lbs., per dozen $20.80



No. 5—11½×8×4¼ in., two large and three small compartments with three additional trays, having a total of eleven compartments, special hasp fastener, color rich green, w't per doz. 65 lbs.....per dozen $30.00



No. 17—12½×8×4½ in., three large and three small compartments, one covered tray with six compartments, also a tray with two long compartments, made of extra heavy tin with nickel Yale lock, heavy leather handle, color black enameled outside with gold trimmings, deep blue inside, w't per doz. 73 lbs.....per dozen $94.80

BAIT BOXES.

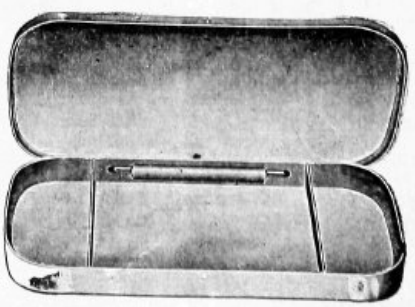
No. L24—4×3⅜×2 in., basket pattern, perforated hinged self-locking cover, has loop for strap, enameled blue with aluminum decorations.....per dozen $1.56
No. P24—With safety pin fastener, otherwise same as No. 24L.....per dozen 1.68
ONE DOZEN IN A BOX.

No. 26—6×2¾×1½ in., extra large, perforated self-locking cover, has two loops for belt, enameled green with aluminum decorations.....per dozen $2.30
ONE DOZEN IN A BOX.

No. 27—3¼×3¼×1¼ in., hopper coop for live insects, sliding top, heavy tin, color green, gold trimmings..per dozen $4 00
ONE DOZEN IN A BOX.

FLY AND LEADER BOXES.

No. 50—3¾×$\frac{9}{16}$ in., aluminum, hinged top, two thick felt drying pads, per dozen..... $3.00
ONE DOZEN IN A BOX.



No. 51—6½×3¼×$\frac{9}{16}$ in., fly, aluminum, hinged top, aluminum combs to keep flies in position, two thick felt drying pads.....per dozen $6.80
No. 52—Black enameled tin, otherwise same as No. 51.....per dozen 6.80
ONE DOZEN IN A BOX.

MINNOW BUCKETS.

MINNOW AND FROG.

No. 101G—1 qt., round single, perforated hinged cover self-locking, body lacquered deep blue, cover rich gold, w't per doz. 5 lbs.....per dozen $ 2.00
No. 102G—2 qt., w't per doz. 6 lbs., otherwise same as No. 101G, per dozen 2.40
No. 108½G—8 qt., round single, perforated hinged and hasped self-locking cover, top edge reinforced, finished in rich dark green enamel with gold band and decorations, w't per doz. 21 lbs., per dozen..... 9.00
No. 110½G—10 qt., w't per doz. 25 lbs., otherwise same as No. 108½G, per dozen..... 10.50

ROUND, INSERT.

No. 106G—6 qt., perforated tin insert, no cover on outside pail, non-floating, hinged perforated cover on insert, sunk ice pan top, finished in deep blue, gold band and decorations, w't per doz. 25 lbs.....per dozen $ 9.30
No. 108G—8 qt., w't per doz. 28 lbs., otherwise same as No. 106G, per dozen..... 10.70
No. 110G—10 qt., w't per doz. 36 lbs., otherwise same as No. 106G, per dozen..... 12.80
No. 112G—12 qt., w't per doz. 40 lbs., otherwise same as No. 106G, per dozen..... 14.40

ROUND, FLOATING.

No. 508G—8 qt., galvanized wire solid bottom floating insert, rim to protect minnows when removing from outside bucket, hinged perforated insert cover, no cover on outside pail, finished in medium green and gold decorations, sunk ice pan top, w't per doz. 34 lbs., per dozen..... $16.40
No. 510G—10 qt., w't per doz. 40 lbs., otherwise same as No. 508G, per dozen 18.40
No. 512G—12 qt., w't per doz. 46 lbs., otherwise same as No. 510G, per dozen 22.40

SPECIAL ROUND FLOATING.

No. 408G—8 qt., perforated hinged top to both outside and inside bucket, floating galvanized wire insert, solid bottom pan to save minnows when transferred, finish rich dark green with gold trimmings, w't per doz. 35 lbs.....per dozen $18.00
No. 410G—10 qt., w't per doz. 43 lbs., otherwise same as No. 408G, per dozen..... 21.00

GALVANIZED ROUND FLOATING.

No. 608G—8 qt., bucket and insert galvanized after being made up, filling up all seams, floating wire insert, sunk ice pan top, solid bottom, perforated cover on insert, no cover on outside pail, finish maroon enamel with gold trimmings, w't per doz. 33 lbs., per dozen..... $20.70
No. 610G—10 qt., w't per doz. 38 lbs., otherwise same as No. 608G, per dozen 23.50

OVAL FLOATING.

No. 808G—8 qt., self-locking hinged perforated cover on perforated tin insert, no cover on outside pail, deep top for ice, slanting floating insert, convenient for taking out minnows, light green color, gold colored insert, w't per doz. 37 lbs.....per dozen $18.80
No. 810G—10 qt., w't per doz. 45 lbs., otherwise same as No. 808G, per dozen 20.00

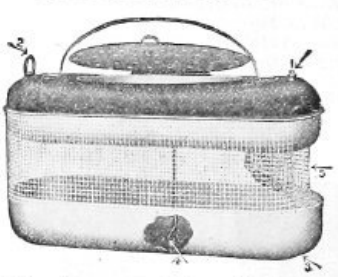
OVAL FLOATING.

No. 708G—8 qt., floating galvanized wire insert, no cover on outside pail, hinged perforated cover on insert, space between top of insert and bucket for ice, solid tin bottom pan, finish medium green nicely decorated, w't per doz. 35 lbs.....per dozen $20.00
No. 710G—10 qt., w't per doz. 40 lbs., otherwise same as No. 708G, per dozen 22.80

OVAL SINGLE.

No. 908G—8 qt., self-locking hinged perforated cover, sunk ice pan top, enameled wood bails, entire bucket galvanized after making, closing all seams, w't per doz. 25 lbs.....per dozen $ 9.30
No. 910G—10 qt., w't per doz. 30 lbs., otherwise same as No. 908G, per dozen 11.40

OBLONG FLOATING.



No. 300G—AQUARIUM, 6 in. wide, floating galvanized wire insert, perforated hinged top on insert, perforated ice pan top on outside pail, finish enamel green with gold decorations, depth of the pan is 2½ in., size of the outer pail 6x10x15 in., capacity 12 qts., w't per doz. 72 lbs.....per dozen $40.00

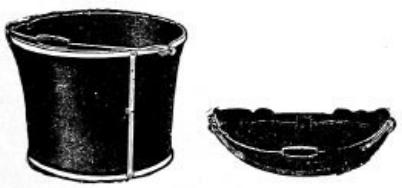
This pail is also a minnow trap. The wire netting at one end is made funnel shaped, the end of the funnel coming even with the opening of the float and close to the under side. This gives a bucket and trap combination.

FOLDING PAILS, MINNOW TRAPS, TROUT BASKETS, ETC.

FOLDING WATER PAILS.

No. 4G—6 qt., single, folding into 11½×5½×2 in., waterproof canvas, metal parts of rust proof spring steel, rigid, portable, strong, w't per doz. 20 lbs. ..... per dozen $18.00

ONE IN A BOX.



No. 12G—10 qt., single, folding into 12½×5½×2½ in., waterproof canvas, metal parts of rust proof spring steel, rigid, portable, strong, w't per doz. 23 lbs. ..... per dozen $27.20

ONE IN A BOX.

No. 5G—10 qt., single, folding into 12½×5½×2½ in., waterproof canvas, metal parts of rust proof spring steel, fitted with splash guard, strainer and spout, w't per doz. 25 lbs., per dozen $36.40

ONE IN A BOX.

FOLDING MINNOW BUCKETS.

No. 08—8 qt., oval, single, folding into 13×5½×2½ in., heavy waterproof canvas, metal parts of rust proof spring steel, top fitted with metal eyelets for ventilation, w't per doz. 24 lbs. ..... per dozen $36.40

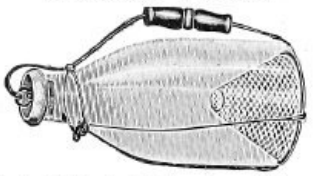
ONE IN A BOX.

No. 010—10 qt., oval, single, folding into 15×5½×2½ in., heavy waterproof canvas, metal parts of rust proof spring steel, top fitted with metal eyelets for ventilation, w't per doz. 27 lbs. ..... per dozen $45.00

These buckets are equally good for frogs, grasshoppers, crickets, etc., and insure long life to bait.

ONE IN A BOX.

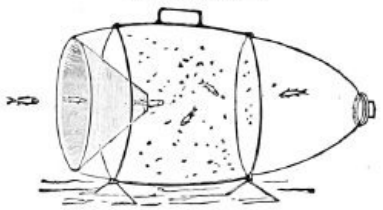
MINNOW TRAPS.



No. 70—Individual, 9½ in. long, 13 in. in circumference, flint glass body, galvanized wire end, w't per doz. 20 lbs., per dozen $12.00

A minnow trap that remains under water while fishing, insuring live minnows when wanted, small and easy to carry, strongly made.

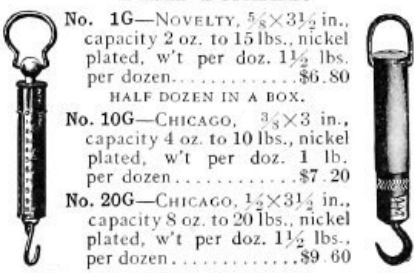
ONE IN A BOX.



No. 65—Heavy flint glass, handle and legs galvanized metal, length 12 in., circumference 24 in., w't per doz. 24 lbs ..... per dozen $37.50

ONE IN A WOODEN BOX.

FISH SCALES.



No. 1G—NOVELTY, 5/8×3½ in., capacity 2 oz. to 15 lbs., nickel plated, w't per doz. 1½ lbs. per dozen $6.80

HALF DOZEN IN A BOX.

No. 10G—CHICAGO, ⅜×3 in., capacity 4 oz. to 10 lbs., nickel plated, w't per doz. 1 lb. per dozen $7.20

No. 20G—CHICAGO, ½×3½ in., capacity 8 oz. to 20 lbs., nickel plated, w't per doz. 1½ lbs., per dozen $9.60

NO. 10G, ONE DOZEN, NO. 20G, HALF DOZEN IN A BOX.

TROUT BASKETS.

Split Willow Body.

Nos.	20	21	22	23	24
Capacity	7	10	13	19	25 lbs.
W't per doz.	2	3	4	6	8 lbs.
Per dozen	$14.40	16.80	20.60	23.50	31.20

Best Willow, with Nickel Plated Clasp.

Nos.	11	12	13
Capacity	13	20	25 lbs.
W't per doz.	8	10	15 lbs.
Per dozen	$28.00	33.00	38.40

REFRIGERATOR BASKETS.

No. 40—HAWKEYE, 14×9×7 in., rattan, metal lined with layer of asbestos and felt between, ice compartment at one end which is easily removed, lid made same as body of basket, heavy felt being piped all around the edges making it air tight when straps are fastened, lining is rust proof, top and handles polished, w't per doz. 96 lbs., per dozen $64.00

No. 41—18×10×8 in., w't per doz. 108 lbs., otherwise same as No. 40, per dozen 76.80

No. 42—20×13×10 in., w't per doz. 120 lbs., otherwise same as No. 40, per dozen 83.20

BAIT BOX STRAPS.

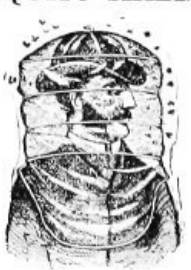
No. 9—1½×32 to 40 in., nickel buckle, per dozen $1.60

BASKET STRAPS.

No. 10—4 in. web shoulder piece, 3/16 in. leather straps with nickel trimmings ..... per dozen $4.00

No. 8—1½ in. webbing over shoulder, ¾ in. leather straps, nickel buckles, per dozen $2.40

MOSQUITO SHIELDS.



No. 7—Fine quality close mesh netting, cloth covered steel ribs, edge weighted with shot ..... per dozen $9.00

A sure protection from mosquitoes, gnats, black, sand and house flies, an indispensable article of comfort by night or day, in localities infested with these insects.

HALF DOZEN IN A BOX.

FLY CREAM, DRINKING CUPS, FISH STRINGERS, ETC.

FLY CREAM.

"REV-O-NOC"

No. 7 REV-O-NOC—4 × 1 in. tubes.....per dozen $3.00

ONE DOZEN IN A FANCY BOX.

ROD VARNISH.

"REV-O-NOC"

No. 10 REV-O-NOC—1 oz. bottles, high grade, prepared especially for fish rods, quick drying, will not crack or chip off.....per dozen $3.00

ONE DOZEN IN A BOX.

FERRULE CEMENT.

No. T9—Made especially to fasten fishing rod ferrules, does not become brittle on cooling.....per dozen $3.00

ONE DOZEN IN A BOX.

DRINKING CUPS.

No. 6G—2⅝×2½ in., soft rubber, tumbler shape.....per dozen $4.50

ONE DOZEN IN A BOX.

Open.

Closed.

No. 10G—2⅛×2 in., collapsing, nickel plated, patent snap cover, w't per doz. 1½ lbs.....per dozen $3.40

No. 11G—2⅝×3⅛ in., collapsing, nickel plated, patent snap cover, w't per doz. 2½ lbs.....per dozen 4.50

ONE DOZEN IN A BOX.

DRINKING CUPS.

No. 16G.

No. 18G.

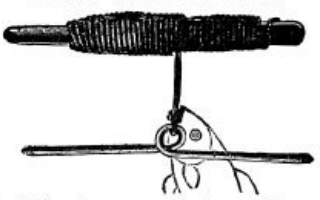
No. 16G—2⅝×2½ in., collapsing, aluminum embossed, patent top, w't per doz. 1 lb.....per dozen $3.40

No. 17G—2x2¼ in., collapsing, aluminum, satin finish, patent top, w't per doz. 12 oz.....per dozen 2.00

No. 18G—2 1/16×2½ in., collapsing, nickel plated, no cover, folding handle, w't per doz. 1¼ lbs.....per dozen 5.20

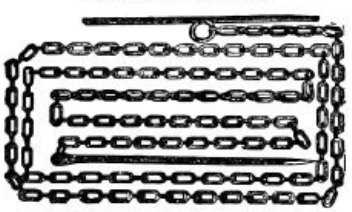
ONE DOZEN IN A BOX.

FISH STRINGERS.



No. 2—36 in., heavy mottled cord, brass stringing needle, coil bar of heavy brass, each stringer sewed on printed card, w't per doz. ¼ lb.....per dozen $0.70

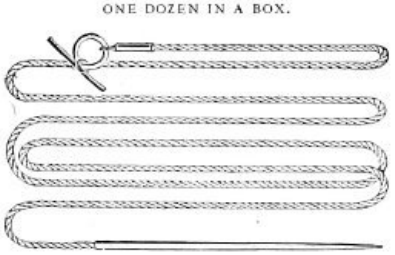
SIX DOZEN IN A BOX.



No. 5—42 in., detachable chain, nickel plated on brass, new style stringing needle, patent coil bar end, each stringer wrapped in a folder, w't per doz. 1⅛ lbs.....per dozen $2.00

No. 9—48 in., detachable chain, aluminum, otherwise same as No. 5, w't per doz. 12 oz.....per dozen 4.00

ONE DOZEN IN A BOX.



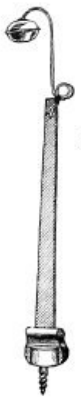
No. T7—66 in., extra heavy braided cord, securely fastened to brass pointed needle and heavy handle, wrapped separately, w't per doz. 1½ lbs, per dozen..... $2.40

ONE DOZEN IN A BOX.

WINDING SILK.

No. 11—50 yard spools, highest quality, assorted colors.....per dozen $1.50

ONE DOZEN IN A BOX.



ALARM BELLS.

No. 100—7½x¾ in., metal base with screw, upright steel spring with spring wire coil to fasten line, bell attached for alarm, w't per doz. ⅝ lb..per dozen $0.90

TWO DOZEN IN A BOX

SURE BAIT.

No. 17—One dram in a bottle in wood box, per dozen $1.50

"Sure Bait" is a preparation which, when applied to any kind of bait, will attract the fish and cause them to bite freely.

"Sure Bait" is the most efficient preparation for this purpose ever discovered, and will do the work claimed for it.

ONE DOZEN IN A CARTON.

SNAGGED HOOK RELEASERS.

No. 1—Heavy brass spring wire, lead weight, cartridge shape, length 6 in., w't per doz. 1½ lbs.....per dozen $4.00

No. 2—Large size for bass fishing, otherwise same as No. 1.....per dozen 5.00

This device is small and can be conveniently carried in the pocket. It works perfectly in all kinds of difficult places, in both swift, running and still water; underneath roots and in sunken logs, etc.

The releaser is simply placed on the line by means of rings which twist round the line, and let go. It slides down the line and releases hook. Hook can then be brought to the surface with no difficulty. The angler can then take the releaser off the line and is ready to continue fishing.

ONE DOZEN IN A BOX.

GAFF HOOKS, FISH SPEARS, NET FRAMES AND RINGS.

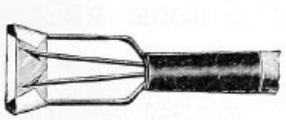
GAFF HOOKS.

No. 1—7×2 in., best spring steel, carefully tempered, plain point, japanned, w't per doz. ¾ lb.....per dozen $1.80

No. 15—Steel nickel plated, three 7 in. sections which screw together, very strong and easily carried, can be carried in pocket or tackle box, w't per doz. 3½ lbs .....per dozen $10.00

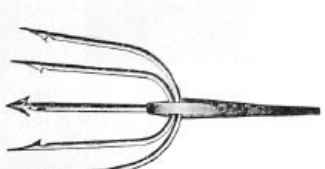
FROG SPEARS.

No. 0—Socket, steel, 4 prongs, 2¼ in., with vest pocket guard, w't per doz. 1⅞ lbs.....per dozen $1.50



No. 3—Socket, steel, 4 prongs, 3 in., with vest pocket guard, w't per doz. 2½ lbs.....per dozen $2.00

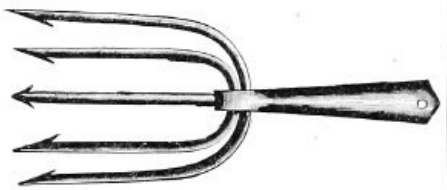
FISH SPEARS.



No. 2—Tanged, steel, 5 prongs, 4 in., w't per doz. 3 lbs.....per dozen $4.20

No. 10—Socket, malleable iron, 3 prongs, 3½ in., w't per doz. 3 lbs...per dozen $4.00

FISH SPEARS.



No. 20—Socket, malleable iron, 5 prongs, 4 in., w't per doz. 3½ lbs...per dozen $ 4.80

No. 4—Socket, steel, 5 prongs, 4½ in., w't per doz. 6 lbs.....per dozen 7.20

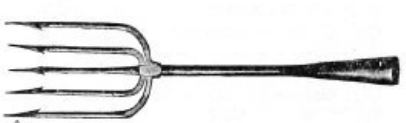
No. 5—Socket, steel, 5 prongs, 5 in., w't per doz. 9 lbs.....per dozen 8.80

No. 6—St. Claire, steel, five 4 in. prongs, width 3½ in., entire length 19 in., black enamel, w't per doz. 9 lbs...per dozen $10.50

No. 7—St. Claire, steel, five 6 in. prongs, width 5 in., entire length 20 in., galvanized, w't per doz. 12 lbs., per dozen 24.00

These are hand forged from extra fine steel, and prongs are secured by a key. The shank screws into the socket

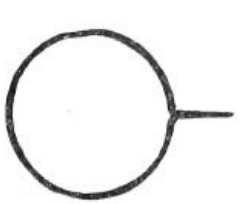
No. 8—Socket, steel, four 7½ in. prongs, width 4½ in., entire length 18 in., w't per doz. 15 lbs.....per dozen $18.00



No. 9—Socket, steel, five 7½ in. prongs, width 5 in., entire length 20 in., w't per doz. 18 lbs.....per dozen $24.00

These spears are hand forged from the finest quality steel obtainable. They are constructed in such a manner as to make them exceptionally strong. The socket and shank are made in one piece and securely fastened to the prongs by an extra large key.

LANDING NET RINGS.



To Drive, Galvanized.

No. 15—14 in. ring, w't per doz. 7½ lbs., per dozen..... $3.44

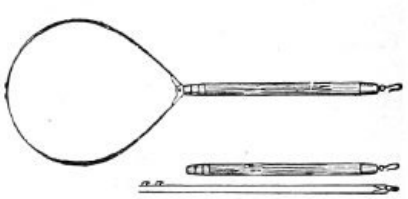
No. 16—16 in. ring, w't per doz. 7½ lbs., per dozen..... 4.00

These rings are made of ¼ in. steel rod, the end being fastened by twisting around the shank.

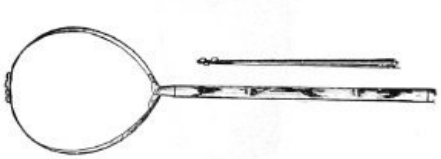
LANDING NET FRAMES.

No. 14—14 in. galvanized ring, 42 in. hardwood handle with ferrule, w't per doz. 16½ lbs.....per dozen $8.60

No. 10—15×10½ in., wood frame with 13 in. screw-off handle, nickel plated ferrule, w't per doz. 6 lbs...per dozen $9.80



No. 25—I. D. L., collapsing, 11×9⅜ in. ring, 12 in. bamboo handle with swivel hook attached, put up in a partitioned cloth bag, finish black enamel, w't per doz. 4½ lbs.....per dozen $13.80



No. 24—I. D. L., collapsing, ring 11¼×13½ in., 30 in. staff, put up in a partitioned cloth bag, finish black enamel, w't per doz. 9 lbs.....per dozen $20.00

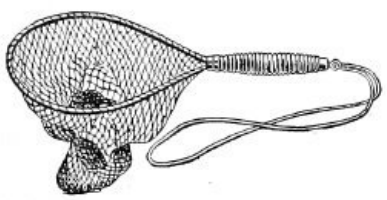
No. 23—Our Own, 12×13 in. collapsing tempered steel ring, black enameled, jointed, 4 ft. staff, put up in a partitioned cloth bag, w't per doz. 12 lbs., per dozen..... $21.60

No. 21—Harrimac, 13¾×15 in. collapsing, nickel plated ring, jointed, 4 ft. staff, put up in a partitioned cloth bag, w't per doz. 15 lbs.....per dozen 28.80

FISH AND LIVE NETS AND BAGS.

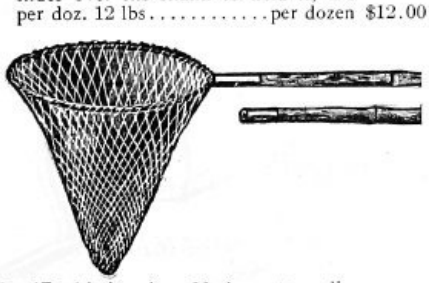
HANDLED LANDING NETS.

No. 1—16 in. rattan frame, with 16 in. cotton dip net, w't per doz. 1½ lbs., per dozen..... $6.00



No. 3—Trout, rattan frame, stained red, round handle with rubber attached, 18 in. tanned net, w't per doz. 1½ lbs.....per dozen $13.50

No. 206—14 in. round detachable ring, 20 in. cotton dipnet, 3½ ft. handle, shanks of the rings are made with projecting points which fit into handle, a thimble slides over the shank to hold it, w't per doz. 12 lbs.....per dozen $12.00

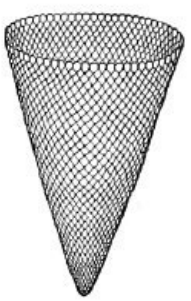


No. 17—14 in. ring, 20 in. cotton dip net, two joint Japanese bamboo handle, 4 ft. long, w't per doz. 15 lbs., per dozen..... $18.00

AQUARIUM NETS.

No. 4—4 in. ring, 6 in. handle, 5 in. dip net.....per dozen $2.70

LANDING NETS.



Cotton Landing.

Nos.	324	330
Length	24	30 in.
Per dozen	$3.00	3.80

Linen Landing.

Nos.	224	230
Length	24	30 in.
Per dozen	$3.30	4.50

DIP NETS.

Cotton Dip.

Nos.	516	518	520	524	530
Length	16	18	20	24	30 in.
Per dozen	$4.50	6.00	6.80	8.00	10.80

Linen Dip.

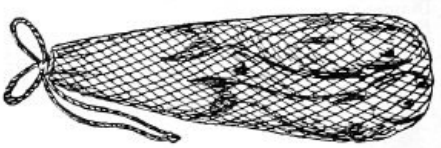
Nos.	424	430
Length	24	30 in.
Per dozen	$12.00	16.80

LIVE NETS.

Nos.	10	12	14
Sizes	10×18×¾	12×24×¾	14×30×¾ in.
Per dozen.	$6.00	7.20	8.00

These nets will save your fish by keeping them alive.

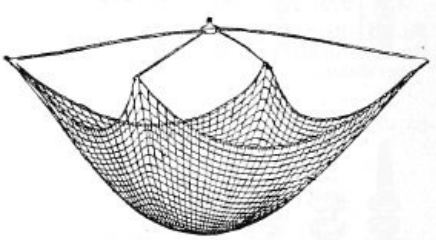
FISH BAGS.



Nos.	24	25	36
Sizes	24×1	24×¾	36×1 in.
Per dozen	$2.80	4.20	6.00

Used same as live nets, but have no rings and are easier to carry.

UMBRELLA MINNOW NETS.



No. 54—Four 30 in. spring steel japanned arms, making a spread of 60 in. when open, and a package 31 in. long when in carrying case, w't per doz. 16½ lbs., per dozen..... $30.00

Is unequalled for catching minnows, taking but a few seconds to prepare for use, opens and closes like an umbrella, net is attached to arms by small brass rings, can be detached at will.

ROD MOUNTINGS.

Full Size Cuts.

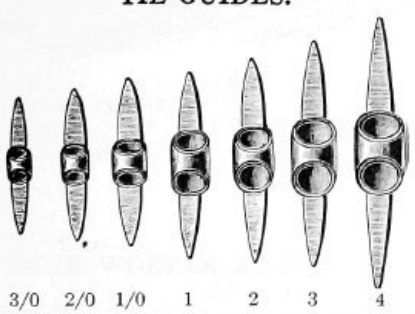
STANDING RING GUIDES.

6 12 16

Brass.

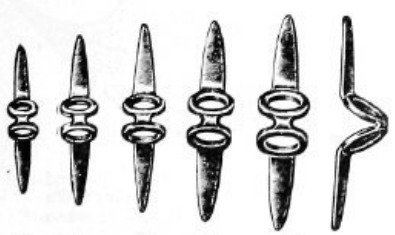
No. 70—Sizes,	**00**	**0**	**1**	**2**	**3**	**4**
Diameter....	3/16	7/32	1/4	9/32	5/16	11/32 in.
Per dozen...	$0.18	.18	.18	.18	.18	.18
No. 70—Sizes,	**5**	**6**	**7**	**8**	**9**	**10**
Diameter....	3/8	13/32	7/16	15/32	1/2	9/16 in.
Per dozen...	$0.18	.18	.18	.18	.18	.18
No. 70—Sizes,	**11**	**12**	**13**	**14**	**15**	**16**
Diameter....	17/32	9/16	11/16	23/32	3/4	25/32 in.
Per dozen...	$0.18	.18	.18	.18	.18	.18
No. 70—Sizes.....	**17**	**18**	**19**	**20**	**21**	
Diameter.....	13/16	7/8	15/16	31/32	1 in.	
Per dozen.....	$0.18	.18	.18	.18	.18	

TIE GUIDES.



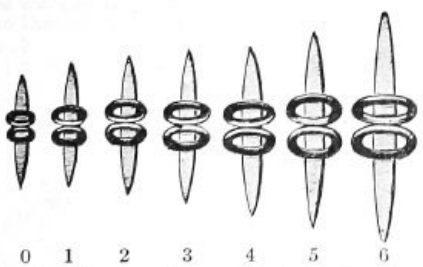
3/0 2/0 1/0 1 2 3 4

No. 80—Brass, sizes 3/0 to 4...per dozen $0.14
No. 85—Nickel plated, sizes 3/0 to 4, per dozen..... .20



0 1 2 3 4

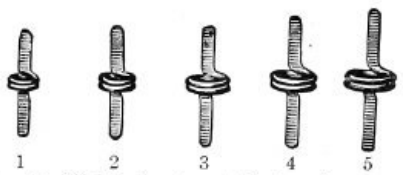
No. 92—German silver, solderless, two rings, sizes 0 to 4.....per dozen $0.14



0 1 2 3 4 5 6

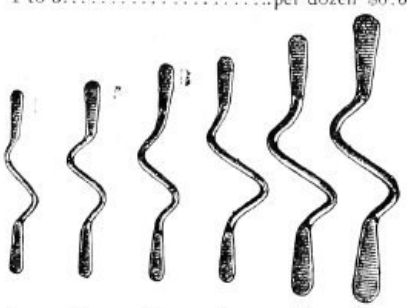
No. 93—German silver, two rings, sizes 0 to 6.....per dozen $0.34

TIE GUIDES.



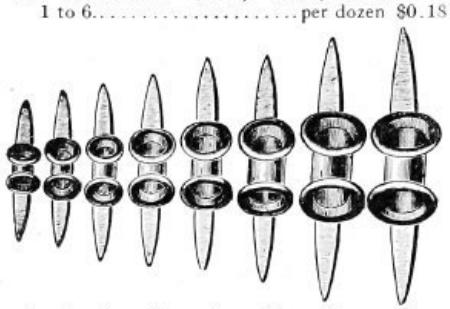
1 2 3 4 5

No. 90—Nickel plated, spiral wire, sizes 1 to 5.....per dozen $0.08



1 2 3 4 5 6

No. 91—German silver, snake, sizes 1 to 6.....per dozen $0.18

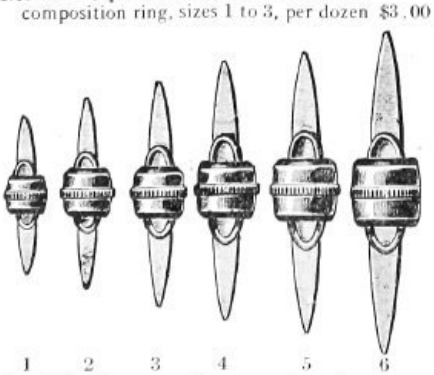


0 1 2 3 4 5 6 7

No. 95—German silver, trumpet, sizes 0 to 7.....per dozen $1.00

1 2 3

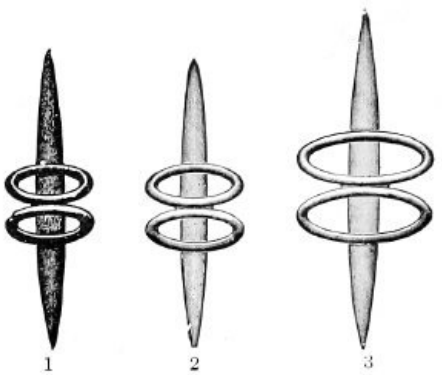
No. 125—German silver, adamant raised composition ring, sizes 1 to 3, per dozen $3.00



1 2 3 4 5 6

No. 110—German silver, agate, sizes 1 to 6.....per dozen $9.00

CASTING GUIDES.

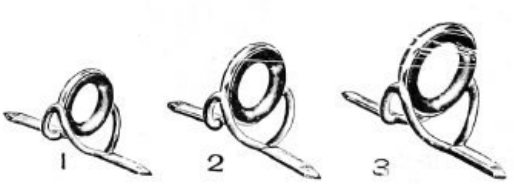


1 2 3

No. 130—German silver, large double ring, sizes 1 to 3.....per dozen $0.80

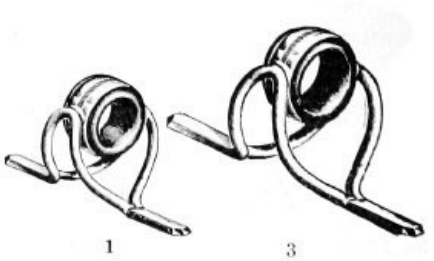
3 4 5

No. 160—Adamant, mounted in German silver, rigidly held by band that runs in groove around the guide, sizes 3, 4 and 5.....per dozen $4.40



1 2 3

No. 116—Narrow agate casting guides, German silver trimmings, sizes 1, 2 and 3.....per dozen $10.80



1 3

No. 150—German silver, agate casting, sizes 1, 2 and 3.....per dozen $16.00

RINGS AND KEEPERS.

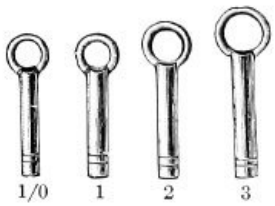
1 2 3 4

No. 120—White metal, sizes 1 to 4, per dozen..... $0.08

ROD MOUNTINGS.

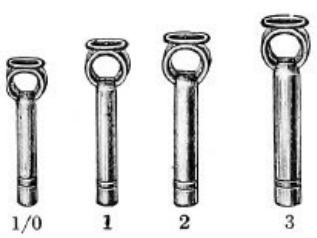
Full Size Cuts.

RING TIPS.



No. 10—Brass ring, sizes 1/0, 1, 2 and 3, per dozen..... $0.18
No. 20—Nickel plated ring, sizes 1/0, 1, 2 and 3.....per dozen .20

THREE RING TIPS.



No. 40—German silver, sizes 1/0, 1, 2 and 3.....per dozen $0.50

TUBE TIPS.

No. 30—Polished brass, sizes 4/0, 3/0, 2/0, 1/0, 1, 2, 3, 4, 5, 6, 7 and 8, per dozen..... $0.40
No. 35—Nickel plated, sizes 4/0, 3/0, 2/0, 1/0, 1, 2, 3, 4, 5, 6, 7 and 8..per dozen .50

KALAMAZOO TIPS.

No. 135—Kalamazoo casting, German silver, sizes 2, 4, 6 and 8.....per dozen $0.90

DOUBLE HOLE TIPS.

No. 36—Nickel plated, sizes 4/0, 3/0, 2/0, 1/0, 1, 2, 3, 4 and 5.....per dozen $2.70

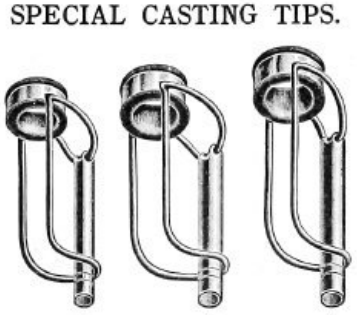
ANGLE RING TIPS.

No. 45—Adamant, angle ring, German silver, top ring enclosing a hard composition, sizes 1, 2 and 3.....per dozen $3.60

THREE RING TIPS.

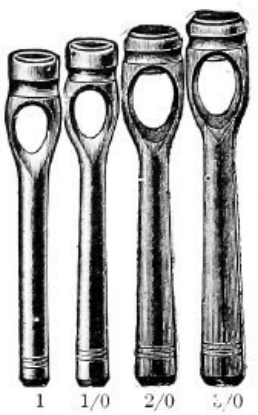
No. 50—Adamant, three ring, German silver, top ring enclosing a hard composition, sizes 1, 2 and 3.....per dozen $4.40

SPECIAL CASTING TIPS.



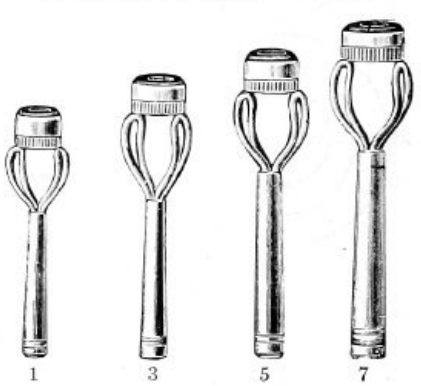
No. 67—Adamant, mounted in German silver, rigidly held by band that runs in groove around the guide, sizes 1, 2 and 3.....per dozen $6.00

DOUBLE HOLE TIPS.



No. 55—Adamant, double hole, German silver, top ring enclosing a hard composition, sizes 1, 1/0, 2/0 and 3/0, per dozen..... $6.00

AGATE BASKET TIPS.



No. 65—German silver, sizes 1, 2, 3, 4, 5, 6 and 7.....per dozen $10.80

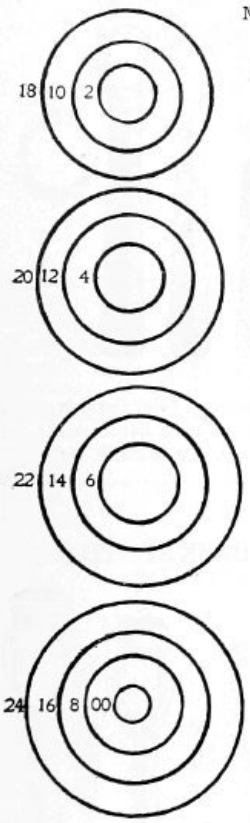
SOLID AGATE TIPS.

No. 60—German silver, sizes 4/0, 3/0, 2/0, 1/0, 1, 2, 3 and 4.....per dozen $10.80

FISHING TACKLE SUNDRIES.

ROD FERRULES.

Full Size Cuts.



No. 140—Polished Brass.

Sizes	Per Doz.
00	$0.60
0	.60
1	.60
2	.60
3	.76
4	.82
5	.90
6	.97
7	.97
8	1.05
9	1.12
10	1.20
11	1.38
12	1.42
13	1.50
14	1.80
15	1.84
16	1.96
17	2.10
18	2.40
19	2.56
20	2.70
21	2.86
22	3.16
23	3.30
24	3.46

Rod ferrules include two pieces, the size given is the largest diameter of the outside ferrule.

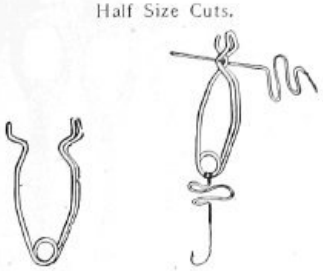
ONE DOZEN IN A BOX.

SET LINE SNAPS.

No. 21—Brass, with ring.....per gross $2.60

ONE GROSS IN A BOX.

Half Size Cuts.



No. 22—2⅛ in. long, brass spring wire, per gross..... $4.50

A handy snap that can be quickly and securely fastened to any point on the trot line by pressing spring through slot.

ONE GROSS IN A BOX.

SWIVELS.

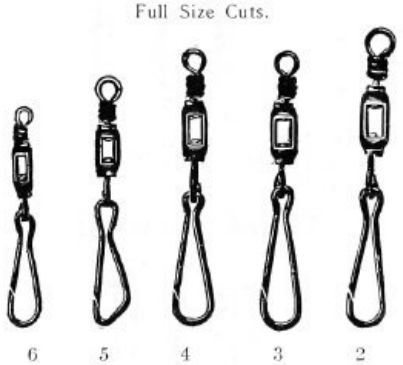
Full Size Cuts.

Brass Box.

No. 05—Sizes,	6	5	4	3	2
Per gross.....	$2.00	2.00	2.00	2.00	2.00
No. 05—Sizes.....	**1**	**1/0**	**2/0**	**3/0**	
Per gross.....	$2.00	3.80	4.80	6.60	

QUARTER GROSS IN A BOX.

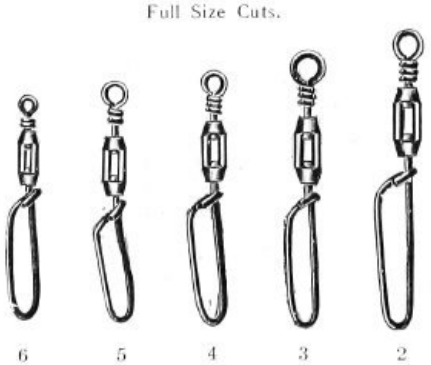
Full Size Cuts.



No. 010—Blued, watch spring, sizes 6, 5, 4, 3 and 2.....per gross $5.30

QUARTER GROSS IN A BOX.

Full Size Cuts.



No. 015—Brass, patent spring, sizes 6, 5, 4, 3 and 2.....per gross $3.50

QUARTER GROSS IN A BOX.

SWIVELS.

COOPERS' Brass Box, Blued Steel Snap.

No. 025—Sizes....	2	3	4
Length.....	2	1⅞	1¾ in.
Per gross.....$8.00	8.00	8.00	

SIZES 2 AND 3, HALF GROSS; SIZE 4, QUARTER GROSS IN A BOX.

CONNECTING LINKS.

Full Size Cuts.

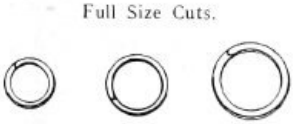
Brass, Nickel Plated.

No. 020—Sizes.....	1	2	3
Per gross.....$1.80	1.80	1.80	

ONE GROSS IN A BOX.

SPLIT RINGS.

Full Size Cuts.



No. 17—Sizes.....	4	6	8
Size.....	5/16	3/8	½ in.
Per gross.....$0.80	.92	1.40	

ONE GROSS IN A BOX.

FISH HOOK EXTRACTORS.

No. 30—5¾ in., brass, nickel plated, per dozen..... $0.30

ONE DOZEN IN A BOX.

No. 2—6¾ in., malleable iron, tinned, single end, for bass.....per dozen $1.20

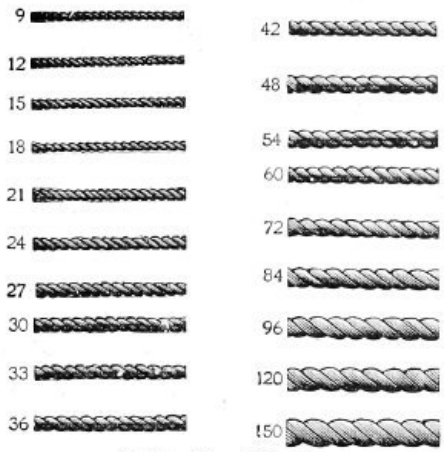
ONE DOZEN IN A BOX.

No. 1—7 in., brass, nickel plated, double end, for bass and trout.....per dozen $3.00

ONE DOZEN IN A BOX.

TWINES, LINES AND NETS.

SEINE TWINE.



In Five Pound Bundles.

Soft, sizes 6, 9, 12, 16, 20, 24, 28, 32, 36, 40, 48 and 60.....per pound $

Medium, sizes 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 42, 48, 54, 60, 72, 84, 96, 120 and 150.....per pound

Hard, sizes 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 42, 48, 54, 60, 72, 84, 96, 120 and 150.....per pound

In Half Pound Balls.

Medium, sizes 9, 12, 18, 27 and 33 only per pound.....

Hard, sizes 30, 36, 42 and 48 only per pound.....

WE DO NOT BREAK PACKAGES.

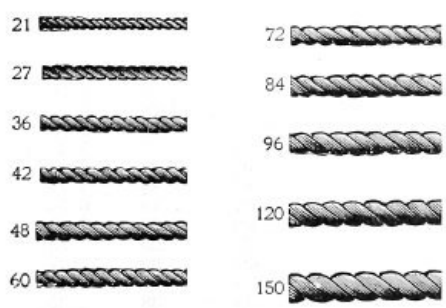
THREE CORD GILLING TWINE.

Nos.	12	16	20	25	30	40
Per pound. $						

The sizes are not the same as the above illustrations of seine twine.

HALF POUND BALLS, THREE POUNDS IN A BUNDLE.

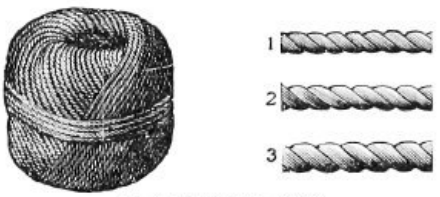
TROT LINES.



In Coils of 50 Feet, Six Connected, without Drop Lines or Hooks.

Nos.	1	2	3	4
Size.	21	27	36	42
Per doz. coils.	$0.39	.58	.71	.93
Nos.	**5**	**6**	**7**	**8**
Size.	48	60	72	84
Per doz. coils.	$1.05	1.42	1.67	1.99
Nos.	**9**	**10**	**11**	**12**
Size.	96	120	150	3/16
Per doz. coils.	$2.36	2.69	3.03	3.79

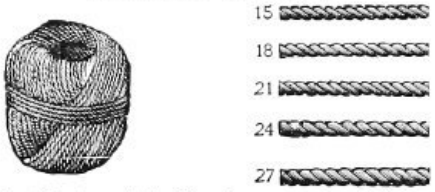
TROT LINES.



In Balls and on Tubes.

	FIRST GRADE.	SECOND GRADE.
No. 1—¾ lb. balls, 240 ft., per pound.....$		$
No. 2—1 lb. balls, 186 ft., per pound.....		
No. 3—1¼ lb. balls, 160 ft., per pound.....		
No. 2—On tubes of about 25 lbs., one continuous piece, 150 ft. to the pound, second grade only.....per pound		

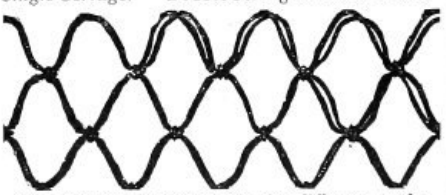
STAGING TWINE.



No. 12—2 oz. balls, 20 yds....per pound $
No. 15—2 oz. balls, 20 yds.... "
No. 18—2 oz. balls, 20 yds..... "
No. 21—2 oz. balls, 20 yds..... "
No. 24—2 oz. balls, 20 yds..... "
No. 27—2 oz. balls, 20 yds..... "

SUGGESTIONS IN ORDERING NETTING.

Single Selvage. Double Selvage. Double Mesh.



The above cut illustrates the different styles of selvage and mesh.

Showing 2 in. stitches mesh.

When ordering or writing for estimates, regard the following suggestions as much as possible:

In Ordering, give full description of net in question, stating its length, depth, size of mesh and size of twine. If you are not acquainted with twines, state the kind of fish you want to catch, and the way you propose to fish for them.

How Measured.—Always state whether the netting is to hang the dimensions given when on ropes, or is to measure those dimensions when stretched. We measure a mesh on square basis; if you give stretched measure, always say so.

Give Depth in Meshes.—When convenient, give depth of net in meshes.

Kind of Selvage.—State whether you want double mesh, double selvage, or single selvage, as per cut.

Kind and Quality.—State whether you want goods tarred, barked or white.

Net or Netting.—Always state whether net is wanted complete or netting only.

We cannot consider claims for shortages or imperfections after seines or nets have been used.

NETTING.

Cotton.

Nos. (of twine).....		6	9	12	15 and over
⅜ in.....	per lb.	$1.05	.95	...	...
½ in.....	"	.95	.75	.70	.75
⅝ in.....	"	.85	.70	.65	.63
¾ in.....	"	.75	.62	.58	.55
⅞ in.....	"	.70	.55	.51	.48
1 & 1¼ in.	"	.62	.49	.45	.42
1½ in. and larger...	"	.60	.47	.43	.40

Linen.

For Trammel and Gill Nets.

Mesh..... (Size of twine).		¾	1	1¼	1½	1¾	2 in.
12-3..	per lb.	....	$1.40	1.30	1.25	1.20	1.15
16-3..	"	....	1.55	1.45	1.40	1.35	1.30
18-3..	"	....	1.65	1.55	1.50	1.45	1.40
20-3..	"	....	1.70	1.60	1.55	1.50	1.45
25-3..	"	$2.10	1.90	1.80	1.75	1.70	1.65
30-3..	"	2.20	2.05	1.95	1.90	1.85	1.80
35-3..	"	2.40	2.25	2.15	2.10	2.05	2.00
40-3..	"	2.60	2.45	2.35	2.30	2.25	2.20
45-3..	"	....	2.65	2.55	2.50	2.45	2.40
50-3..	"	....	2.90	2.80	2.75	2.70	2.65
60-3..	"	....	3.60	3.50	3.45	3.40	3.35

Gill Netting, Sea Island Cotton.

Size (of twine).....		28-4	30-3	40-3
1 in. Mesh....	per lb.	$1.81	2.19	2.66
1¼ in. Mesh....	"	1.66	1.96	2.36
1½ in. Mesh....	"	1.56	1.81	2.16
1¾ in. Mesh....	"	1.48	1.70	2.01
2 in. Mesh and larger...		1.43	1.62	1.90

INSTRUCTIONS FOR ORDERING NETTING.

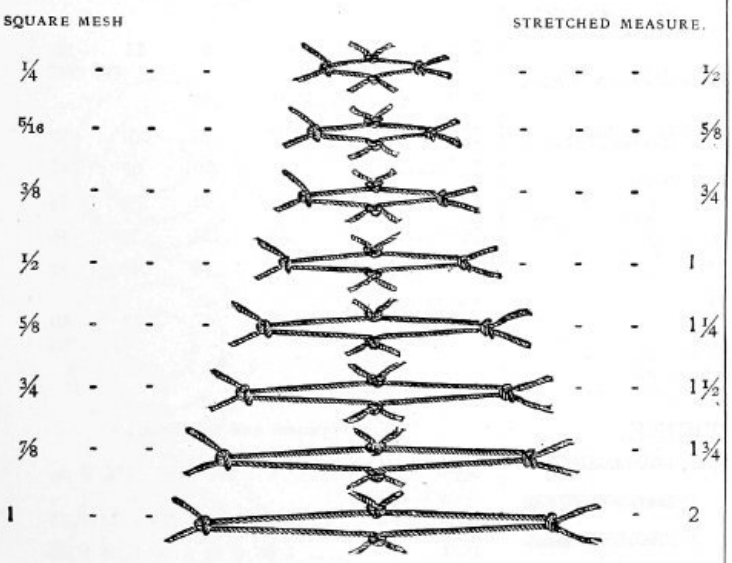
When ordering webs for seines by pounds give length and depth required when hung on the lines. State what kind of border is wanted, etc. Allow one-third for hanging, that is, if a seine is to be 100 yds. long and 10 ft. deep when on lines, we would make the webbing 150 yds. long and 15 ft. deep, stretched measure.

In ordering, give full description of what you want—leave nothing to be guessed at. Estimates of cost and weight of any size netting given on application. We do not hold ourselves responsible for netting that has been tanned or tarred, after it leaves our premises.

No goods will be exchanged or taken back that have been tarred, tanned or wet.

NETTING AND SEINES.

COTTON NETTING.



The dimensions to the left give the size of mesh when not stretched and on the right hand side the stretched measure for the same size.

Nine Thread, Per Yard Stretched Measure.

Mesh		½	¾	1	1¼	1½	1¾	2 in.
3 ft. deep	per yard	$0.32	.22	.09	.07	.06	.05	.04
4 ft. deep	"	.40	.26	.12	.10	.08	.07	.05
5 ft. deep	"	.48	.30	.14	.11	.10	.08	.07
6 ft. deep	"	.56	.34	.17	.15	.11	.10	.08
7 ft. deep	"	.64	.38	.21	.16	.13	.11	.09
8 ft. deep	"	.76	.43	.24	.19	.16	.13	.10
10 ft. deep	"	...	...	.29	.22	.19	.16	.13
12 ft. deep	"	...	...	.35	.29	.22	.19	.16
14 ft. deep	"	...	...	.42	.32	.26	.22	.17
15 ft. deep	"	...	...	.45	.35	.29	.26	.19

Twelve Thread, Per Yard Stretched Measure.

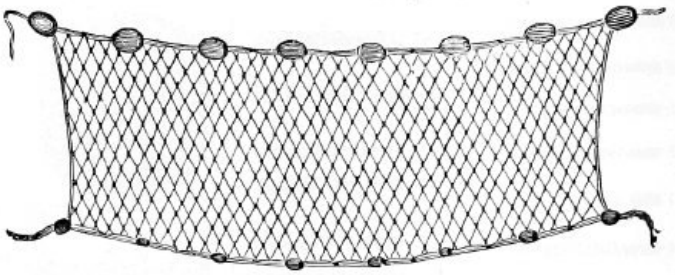
Mesh		½	¾	1	1¼	1½	1¾	2 in.
3 ft. deep	per yard	$0.45	.26	.13	.10	.07	.07	.06
4 ft. deep	"	.54	.33	.16	.13	.10	.08	.07
5 ft. deep	"	.62	.39	.21	.16	.12	.10	.08
6 ft. deep	"	.71	.46	.26	.19	.13	.12	.10
7 ft. deep	"	.80	.52	.29	.22	.16	.13	.12
8 ft. deep	"	.92	.58	.32	.26	.19	.16	.13
10 ft. deep	"	...	...	.42	.32	.24	.20	.16
12 ft. deep	"	...	...	.51	.38	.27	.24	.20
14 ft. deep	"	...	...	.58	.45	.32	.28	.24
15 ft. deep	"	...	...	.63	.48	.35	.30	.25

Sixteen Thread, Per Yard Stretched Measure.

Mesh		½	¾	1	1¼	1½	1¾	2 in.
3 ft. deep	per yard	$0.68	.30	.15	.12	.09	.07	.06
4 ft. deep	"	.88	.36	.21	.15	.11	.10	.08
5 ft. deep	"	1.12	.43	.25	.19	.14	.11	.10
6 ft. deep	"	1.34	.50	.30	.23	.17	.14	.12
7 ft. deep	"	1.57	.58	.35	.26	.20	.16	.13
8 ft. deep	"	1.76	.65	.42	.30	.22	.18	.16
10 ft. deep	"	....	...	.50	.38	.27	.22	.21
12 ft. deep	"	....	...	.61	.46	.34	.27	.24
14 ft. deep	"	....	...	.70	.54	.40	.32	.29
15 ft. deep	"	....	...	.77	.58	.42	.34	.30

It takes 150 yds. stretched measure to make a seine 100 yds. long when hung on lines.

STRAIGHT LAKE OR RIVER SEINES.



Nine Thread Twine, Hung by Experienced Workmen and Warranted Perfect.

Mesh		1	1¼	1½ in.
20×4 ft.	each	$1.56	1.40	1.30
30×5 ft.	"	2.66	2.28	2.13
40×6 ft.	"	3.45	3.40	3.04
50×6 ft.	"	4.96	4.15	3.80
50×7 ft.	"	5.40	4.67	4.18
60×8 ft.	"	7.18	6.00	5.40
75×8 ft.	"	9.00	7.50	6.76
75×9 ft.	"	9.75	8.17	.24
6 ft. deep	In lengths of 30 yds. or more per running yd.	.30	.25	.23
8 ft. deep		.36½	.30	.27
10 ft. deep		.42	.35½	.31
12 ft. deep		.48	.40	.35½
14 ft. deep		.54	.44	.38
15 ft. deep		.57	.47	.40
16 ft. deep		.61	.49	.43
18 ft. deep		.67	.54	.47
20 ft. deep		.74	.58½	.50

Twelve Thread Twine, Hung by Experienced Workmen and Warranted Perfect.

Mesh		1	1¼	1½	1¾	2 in.
20×4 ft.	each	$1.78	1.52	1.35	1.22	1.14
30×5 ft.	"	3.04	2.55	2.23	2.00	1.90
40×6 ft.	"	4.60	3.78	3.23	2.85	2.76
50×6 ft.	"	5.74	4.75	4.00	3.61	3.25
50×7 ft.	"	6.27	5.20	4.37	4.00	3.71
60×8 ft.	"	8.17	6.80	5.70	5.13	4.75
75×8 ft.	"	10.22	8.46	7.13	6.43	5.93
75×9 ft.	"	11.40	9.20	7.90	6.84	6.27
6 ft. deep	In lengths of 30 yds. or more per running yd.	.34	.28	.25	.23	.21
8 ft. deep		.42	.34	.29	.26	.24
10 ft. deep		.50	.40	.33	.29	.27
12 ft. deep		.57	.46	.37	.33	.30
14 ft. deep		.65	.51	.42	.37	.34
15 ft. deep		.69	.53	.44	.39	.36
16 ft. deep		.73	.57	.46	.41	.38
18 ft. deep		.80	.63	.51	.44	.40
20 ft. deep		.88	.68	.56	.48	.42

Sixteen Thread Twine, Hung by Experienced Workmen and Warranted Perfect.

Mesh		1	1¼	1½	1¾	2 in.
20×4 ft.	each	$1.98	1.60	1.41	1.33	1.26
30×5 ft.	"	3.50	2.85	2.44	2.28	1.90
40×6 ft.	"	5.13	4.26	3.69	3.23	2.95
50×6 ft.	"	6.62	5.13	4.64	4.17	3.33
50×7 ft.	"	7.13	5.90	5.08	4.47	4.11
60×8 ft.	"	9.83	9.17	6.62	5.88	5.23
75×8 ft.	"	12.28	9.50	8.27	7.13	6.54
75×9 ft.	"	13.46	10.26	9.00	7.80	7.13
6 ft. deep	In lengths of 30 yds. or more per running yd.	.40	.33	.28	.25	.23
8 ft. deep		.49	.38	.34	.29	.27
10 ft. deep		.59	.46	.38	.34	.31
12 ft. deep		.68	.52	.44	.38	.35
14 ft. deep		.76	.59	.50	.43	.38
15 ft. deep		.82	.63	.54	.45	.40
16 ft. deep		.86	.67	.56	.48	.42
18 ft. deep		.95	.73	.61	.52	.46
20 ft. deep		1.05	.80	.67	.57	.49

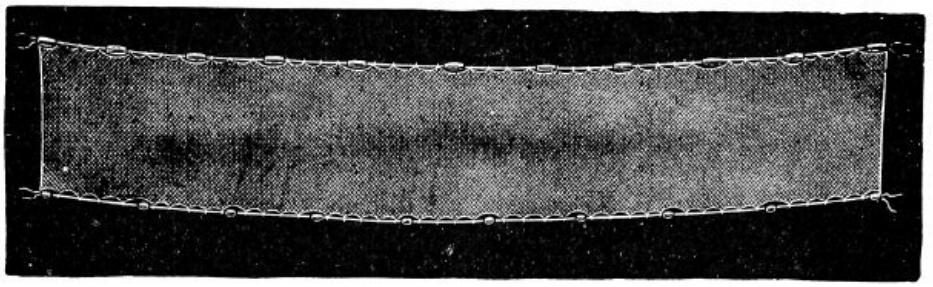
Tanning or tarring, about 10 per cent. additional.

Made of best quality River Brand cotton seine twine, rigged complete with "Never Sink" cedar floats and improved cast lead sinkers, ready for use. Lines are ¼ in. pure manila rope, thoroughly stretched and tarred; top line single and bottom lines double, with reversed twist, thus preventing rolling up of seine when dragged through the water. Prices are without extra hauling lines. In ordering, give length, depth, size of mesh, and size of twine. If you do not understand sizes of twine, send for samples.

SEINES NOT RETURNABLE UNDER ANY CIRCUMSTANCES.

SEINES.

STRAIGHT CREEK.



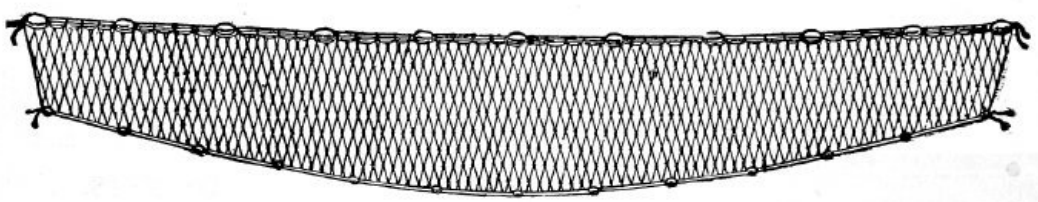
Depth	½ INCH SQUARE MESH.				¾ INCH SQUARE MESH.			½ INCH CENTER MESH. 1 INCH ENDS.			
	3	4	5	6	4	5	6	4	5	6	7 ft.
10 ft. long....each	$0.95	$1.24	$1.51	$1.73	$1.06	$1.23	$1.37	$0.91	$1.05	$1.14	$1.24
12 ft. long.... "	1.14	1.49	1.81	2.08	1.27	1.48	1.64				
15 ft. long.... "	1.42	1.86	2.26	2.59	1.59	1.84	2.05	1.36	1.57	1.71	1.85
20 ft. long.... "	1.90	2.48	3.02	3.46	2.12	2.46	2.74	1.82	2.10	2.28	2.48
25 ft. long.... "	2.37	3.10	3.77	4.32	2.65	3.07	3.42	2.27	2.62	2.85	3.09
Per yard.....	.28	.37	.45	.51	.31	.34	.41	.27	.31	.34	.37

Tanning or tarring, about 10 per cent. additional.

Mounted complete, with "Never Sink" white cedar floats and improved cast lead sinkers, ready for use except extra hauling lines.

SEINES ARE NOT RETURNABLE UNDER ANY CIRCUMSTANCES.

TAPERED LAKE OR RIVER.



Soft Laid River Brand White Cotton Seine Twine.

SIZE TWINE	12 SOFT					16 SOFT.				
Size Mesh.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.	1 in.	1¼ in.	1½ in.	1¾ in.	2 in.
20x 4x 3 ft..each	$ 1.68	$ 1.33	$ 1.28	$ 1.20	$ 1.13	$ 1.90	$ 1.56	$ 1.40	$ 1.30	$ 1.14
30x 4x 3 ft. "	2.38	2.13	1.90	1.80	1.69	2.80	2.28	2.09	1.90	1.71
40x 5x 4 ft. "	3.84	3.21	2.74	2.57	2.38	4.18	3.60	3.16	2.85	2.66
48x 5x 4 ft. "	4.37	3.80	3.40	3.04	2.85	5.13	4.18	3.79	3.42	3.14
50x 5x 4 ft. "	4.81	4.03	3.55	3.23	2.96	5.23	4.49	3.96	3.58	3.34
60x 6x 5 ft. "	6.37	5.38	4.67	4.28	3.99	7.47	6.07	5.13	4.66	4.28
65x 8x 7 ft. "	8.70	7.05	5.70	5.23	4.96	9.98	8.04	6.75	6.12	5.55
72x 7x 6 ft. "	8.74	7.73	6.08	5.82	5.15	10.10	8.10	6.98	6.24	5.70
90x 8x 7 ft. "	11.48	9.60	8.32	7.30	6.84	13.86	11.12	9.54	8.48	7.68
100x 8x 7 ft. "	13.40	10.64	9.36	8.20	7.60	15.39	12.35	10.61	9.43	8.55
120x10x 8 ft. "	18.05	14.68	12.35	11.40	10.12	21.55	16.63	14.37	12.54	11.39
150x12x10. ft. "	26.81	20.90	17.67	15.20	14.21	31.32	24.67	20.68	17.86	16.12
180x12x10 ft. "	32.17	25.08	21.20	17.64	17.02	37.62	29.47	26.68	21.44	19.33
200x14x10 ft. "	38.00	30.13	24.70	22.25	19.76	45.32	34.68	29.30	25.54	22.47
250x14x10 ft. "	47.50	37.68	30.87	27.78	24.70	56.64	43.36	36.64	31.92	27.08
300x14x10 ft. "	57.00	45.25	35.60	32.62	29.64	67.97	52.03	44.52	38.31	33.63

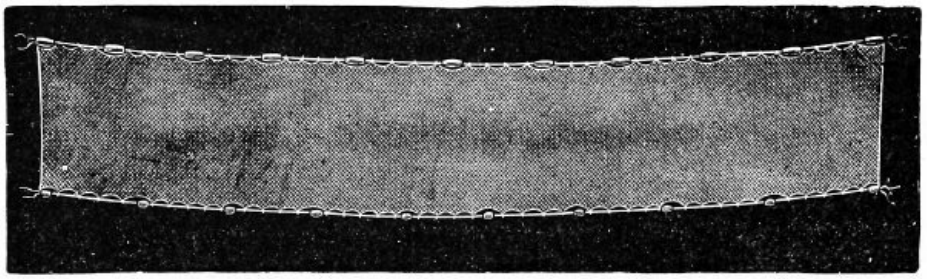
Seines tarred or tanned, add 10 per cent. All sizes of mesh are square measurement.

For tanning or tarring, 10 per cent. additional.

Tapered seines are deeper in center than at ends, thus forming a bag in center when dragging through water; hung complete on lines with "Never Sink" white cedar floats and improved cast lead sinkers. Lines are¼ in. pure manila, thoroughly stretched and tarred; top line single, bottom line double, with reverse twist to prevent rolling up of seine when dragging through water. Prices are without extra hauling lines; every seine warranted perfect.

We make a specialty of fishermen's large drag seines, with ½, ⅝, or ¾ in. tarred manila or Russian hemp bottom line, also tanned or tarred seines. When writing for prices, give length, depth, size of mesh, and size of twine, also size of lines wanted, and whether net is to be white, tanned or steam tarred.

SEINES AND NETS.



MINNOW SEINES.

¼ Inch Square Mesh.

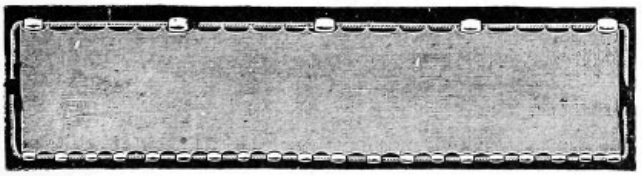
Depth	2½	3	4	5	6 ft.
10 ft. long.....each	$1.62	1.90	2.51	3.05	3.52
12 ft. long..... "	1.94	2.28	3.01	3.66	4.22
15 ft. long..... "	2.43	2.85	3.76	4.57	5.28
20 ft. long..... "	3.24	3.80	5.02	6.10	7.04
25 ft. long..... "	4.05	4.75	6.27	7.62	8.80
Per yard.....	.48	.57	.75	.91	1.05

⅜ Inch Square Mesh.

Depth	3	4	5	6 ft.
10 ft. long.....each	$1.17	1.44	1.71	1.90
12 ft. long..... "	1.40	1.73	2.05	2.28
15 ft. long..... "	1.75	2.16	2.56	2.85
20 ft. long..... "	2.34	2.88	3.42	3.80
25 ft. long..... "	2.92	3.60	4.27	4.75
Per yard.....	.35	.43	.51	.57

Netting for Minnow and Creek Seines, Per Yard Stretched Measure.

Depth	2½	3	4	5	6 ft.
¼ inch square per yard	$0.36	.44	.56	.68	.80
⅜ inch square. "	.23	.25	.36	.36	.42
½ inch square. "	...	.20	.25	.31	.36
¾ inch square. "	...	...	.22	.24	.26



Common Sense, ⅛ in. mesh, 4 ft. deep, length 4, 6, 8, 10, 12, 15, 20, 25, 30, 40 and 50 ft.....per running foot $0.10

Giant, heavy woven, ¼ in. mesh, 4 ft. deep, length 10, 12, 15, 20, 25, 30, 40 and 50 ft.....per running foot .12

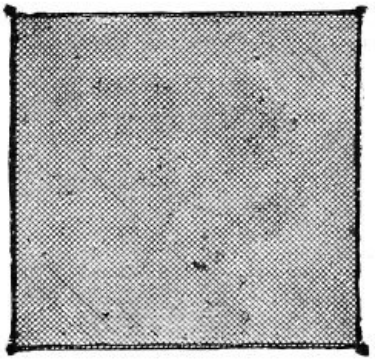
NETTING.

Common Sense, ⅛ in. mesh, 4 ft. deep..... per yard $0.16

Heavy Woven, ¼ in. mesh, 4 ft. deep..... " .20

IN 50 YARD LENGTH ONLY.

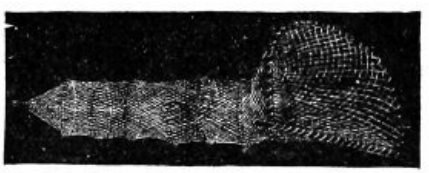
SQUARE DIP NETS.



Cotton, Square Mesh, Roped Edges, with Loops at Corners.

Mesh	¼	⅜	¾	1	1¼	1½ in.
Size-Twine.....	20-6	20-6	9	12	12	12
4× 4 ft.....each	$1.25	.65	.55	.35	.30	.25
5× 5 ft..... "	1.80	1.10	.75	.48	.42	.40
6× 6 ft..... "	2.85	1.57	1.10	.67	.60	.54
7× 7 ft..... "	3.70	1.80	1.43	.86	.75	.67
8× 8 ft..... "	4.60	2.65	1.90	1.15	.95	.85
9× 9 ft..... "	5.80	3.30	2.34	1.43	1.22	1.10
10×10 ft..... "	7.35	4.10	2.85	1.70	1.42	1.30
12×12 ft..... "	10.20	5.80	4.00	2.35	2.00	1.80

BROOK NETS.



Without Wings, First Hoop D Shape.

No. 1—Double, height of mouth 1¼ ft., width of mouth 3 ft., length 6 ft., 8 hoops, size 9 twine, 1¼-¾-⅝ mesh.....each $1.20

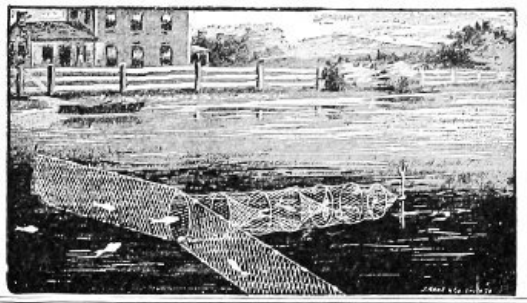
No. 2—Double, height of mouth 1¾ ft., width of mouth 3½ ft., length 7 ft., 9 hoops, size 9 twine, 1¼-¾-⅝ mesh.....each 1.65

No. 3—Double, height of mouth 1¾ ft., width of mouth 4½ ft., length 7 ft., 9 hoops, size 16-12 twine, 1¼-¾-⅝ mesh....each 1.95

No. 4—Double, height of mouth 1⅞ ft., width of mouth 5 ft., length 8 ft., 9 hoops, size 16 twine, 1½-¾-⅝ mesh.....each 2.25

NETS ARE NOT RETURNABLE UNDER ANY CIRCUMSTANCES.

HOOP NETS.

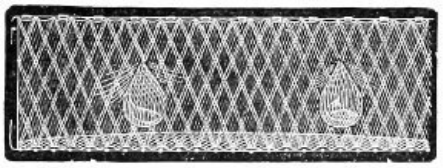


NO.	NUMBER THROATS	HEIGHT AT MOUTH FEET.	LENGTH FEET.	NUMBER HOOPS.	TWINE NO.	MESH. INCHES.	Funnel Nets, with Hoops. (No Wings.) WHITE EACH.	Funnel Nets, with Hoops. (No Wings.) TARRED.	Fyke Nets, with Hoops. (With Wings.) LGTH. WINGS EACH SIDE.	Fyke Nets, with Hoops. (With Wings.) WHITE.	Fyke Nets, with Hoops. (With Wings.) TARRED.
00	1	2	6	4	9	3/4	1.60	1.80	6	2.80	3.10
0	2	2½	8	6	16	1	2.40	2.70	6	3.75	4.15
1	1	3	10	6	24	1¼	3.00	3.35	9	4.40	4.85
1A	2	3	10	6	24	1¼	3.60	4.00	9	4.80	5.30
2	1	4½	18	8	24	1½	5.90	6.60	15	8.40	9.30
3	2	4	16	7	24	2–1¾–1½	4.50	5.00	12	6.30	6.95
3A	2	4	16	7	28	2–1¾–1½	4.80	5.40	12	6.60	7.35
3B	2	4	16	7	32	2–1¾–1½	5.40	6.00	12	7.20	8.00
4	2	4½	18	8	24–32	2½–2–1½	6.40	7.10	15	8.75	9.70
5	2	5	18	8	28–32	2½–2–1½	6.80	7.60	15	9.20	10.20
6	2	6	18	8	28	2½–2–1½	9.00	10.00	20	12.80	14.10
7	2	2½	8	6	24	1	3.40	3.80	6	4.40	4.90
8	1	3	10	6	24	1	4.40	4.95	9	5.70	6.30
9	1	4½	18	8	24	1	8.60	9.55	15	12.70	14.00
10	2	4	16	7	24	1	8.20	9.10	12	10.90	12.10
11	2	5	18	8	24	1	11.20	12.40	15	14.80	16.40
12	2	6	18	8	24	1	14.80	16.50	20	19.60	21.75

HOOP NET WEBS (NO HOOPS).

Nos.	00	0	1	1A	2	3	3A	3B	4	5	6	7	8	9	10	11	12
White, each.	$0.80	1.20	1.60	2.00	3.50	2.65	3.00	3.80	4.00	4.20	4.80	1.90	2.60	5.60	5.80	7.85	10.00
Tarred, "	.90	1.35	1.80	2.25	3.90	2.95	3.35	4.25	4.50	4.70	5.40	2.15	2.90	6.25	6.50	8.75	11.20

TRAMMEL NETS.

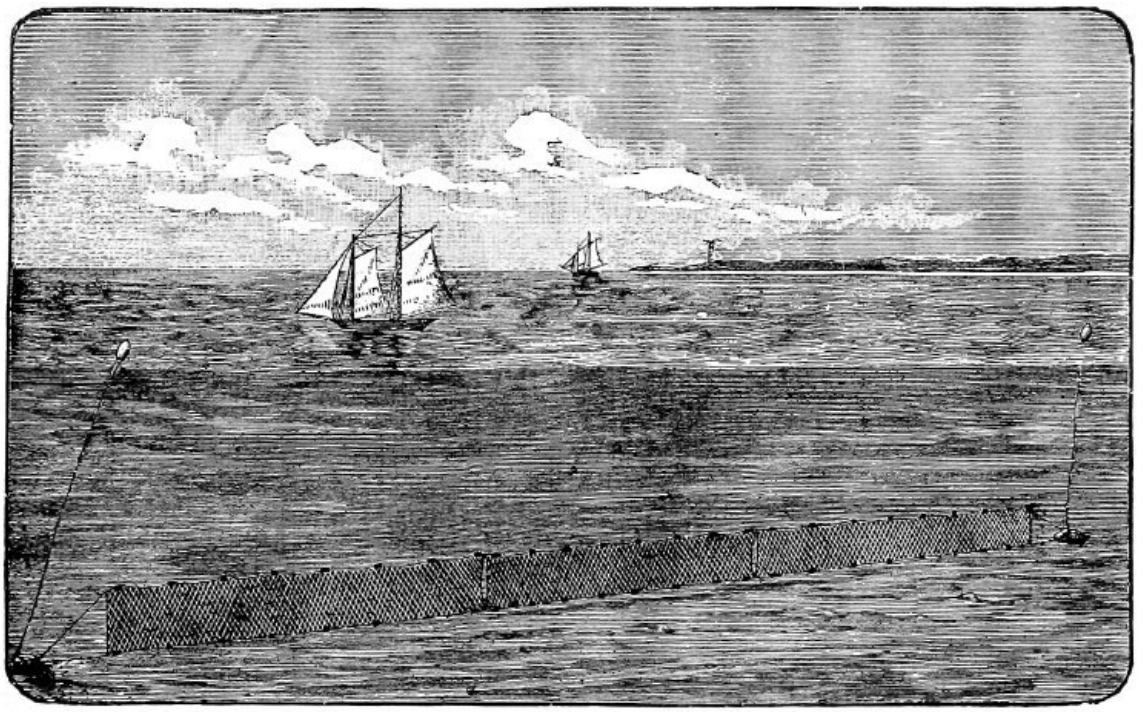


DEPTH.	OUTSIDE MESH.	INSIDE MESH.	INSIDE TWINE.	PER YARD.
3½ feet	6	3/4	25	$0.38
3½ "	6	1	25	.31
3½ "	6	1¼	25	.27
3½ "	6	1½	18	.26
3½ "	6	1¾	18	.25
3½ "	6	2	16	.23
4 "	6	3/4	25	.42
4 "	6	1	25	.34
4 "	6	1¼	25	.28
4 "	6	1½	18	.27
4 "	6	1¾	18	.26
4 "	6	2	16	.24
4 "	6	2½	12	.23
4 "	6	3	12	.23
4½ "	7	3/4	25	.46
4½ "	7	1	25	.36
4½ "	7	1¼	25	.30
4½ "	7	1½	18	.28
4½ "	7	1¾	18	.27
4½ "	7	2	16	.25
4½ "	7	2½	12	.24
4½ "	7	3	12	.24
5 "	8	3/4	25	.50
5 "	8	1	25	.38
5 "	8	1¼	25	.32
5 "	8	1½	18	.30
5 "	8	1¾	18	.28
5 feet	8	2	16	$0.26
5 "	8	2½	12	.25
5 "	8	3	12	.25
6 "	8	3/4	25	.62
6 "	8	1	25	.44
6 "	8	1¼	25	.38
6 "	8	1½	18	.34
6 "	8	1¾	18	.32
6 "	8	2	16	.30
6 "	8	2½	12	.29
6 "	8	3	12	.28
7 "	8	1	25	.52
7 "	8	1¼	25	.44
7 "	8	1½	18	.39
7 "	8	1¾	18	.36
7 "	8	2	16	.33
7 "	8	2½	12	.30
7 "	8	3	12	.29
8 "	8	1	25	.62
8 "	8	1¼	25	.49
8 "	8	1½	18	.44
8 "	8	1¾	18	.40
8 "	8	2	16	.35
8 "	8	2½	12	.33
8 "	8	3	12	.32
9 "	8	1¼	25	.54
9 "	8	1½	18	.48
9 "	8	1¾	18	.44
9 "	8	2	16	.40
9 "	8	2½	12	.38
9 "	8	3	12	.36
10 "	8	1¼	25	.60
10 "	8	1½	18	.52
10 "	8	1¾	18	.48
10 "	8	2	16	.44
10 "	8	2½	12	.43
10 "	8	3	12	.40

Our trammel nets have three nets, hung on a single top and a single bottom line. Lines are of best quality cotton obtainable. When ordering trammel nets, always mention kind wanted and price per yard.

Of the three nets, two have large mesh called "walling," made of cotton seine twine; the inside net is made of best quality "imported Scotch linen twine." Our "Superior" trammel net is strictly high grade, combining best quality, quantity of material, and best workmanship. We guarantee them to be the best nets made, and the cheapest in the long run, where good, constant service is required.

GILL OR SET NETS.



Price per Running Yard, Hung Measure.

LINEN.

Made of 40-3 Best Twine.

DEPTH	MESH	PER YARD
3½ ft.	2	$0.11
4 ft.	1	.19
4 ft.	1¼	.17
4 ft.	1½	.15
4 ft.	1¾	.13
4 ft.	2	.12
4 ft.	2¼	.11
4 ft.	2½	.10½
4 ft.	3	.10½
5 ft.	1	.23
5 ft.	1¼	.19
5 ft.	1½	.16
5 ft.	1¾	.14
5 ft.	2	.13
5 ft.	2¼	.12
5 ft.	2½	.11½
5 ft.	3	.11½
6 ft.	1	.26
6 ft.	1¼	.21
6 ft.	1½	.19
6 ft.	1¾	.17
6 ft.	2	.15
6 ft.	2¼	.14
6 ft.	2½	.12½
6 ft.	3	.12½

DEPTH	MESH	PER YARD
7 ft.	1¼	$0.23
7 ft.	1½	.21
7 ft.	1¾	.18
7 ft.	2	.17
7 ft.	2¼	.15
7 ft.	2½	.14
7 ft.	3	.14
8 ft.	1½	.24
8 ft.	1¾	.20
8 ft.	2	.19
8 ft.	2¼	.17
8 ft.	2½	.15
8 ft.	3	.15
9 ft.	1½	.27
9 ft.	1¾	.24
9 ft.	2	.21
9 ft.	2¼	.19
9 ft.	2½	.17
9 ft.	3	.17
10 ft.	1½	.30
10 ft.	1¾	.26
10 ft.	2	.22
10 ft.	2¼	.20
10 ft.	2½	.19
10 ft.	3	.19

COTTON.

Made of 28-4 Best Sea Island Twine.

DEPTH	MESH	PER YARD
4 ft.	1¼	$0.12
4 ft.	1½	.11
4 ft.	1¾	.10
4 ft.	2	.09½
5 ft.	1¼	.14
5 ft.	1½	.13
5 ft.	1¾	.12
5 ft.	2	.10½
6 ft.	1¼	.15
6 ft.	1½	.14
6 ft.	1¾	.13
6 ft.	2	.11½
7 ft.	1¼	.17
7 ft.	1½	.15
7 ft.	1¾	.14
7 ft.	2	.12½
8 ft.	1¼	.19
8 ft.	1½	.17
8 ft.	1¾	.15
8 ft.	2	.13½

All sizes of mesh are square measurement.

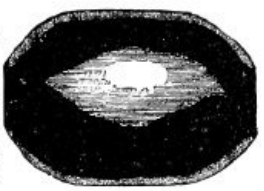
NETS ARE NOT RETURNABE UNDER ANY CIRCUMSTANCES.

FISHING NET EXTRAS AND CANOES.

CAST LEAD SINKERS.

4 to a pound	per pound	$0.29
10 to a pound	"	.29
16 to a pound	"	.29

CEDAR FLOATS.



No. 10—1¼ ×5 in., for tram nets, per nets	per 100	$1.20
No. 11—1¾ ×5 in., for gill nets, per 100	"	2.40
No. 12—2 ×3 in., for seines, per 100		2.00
No. 13—2½ ×3 in., for seines	"	2.80
No. 14—2½ ×4 in., for seines	"	3.20
No. 15—3 ×4 in., for seines	"	4.20
No. 16—3 ×5 in., for seines	"	4.80

NET HOOPS.

Hickory, for Bait or Fyke Nets.

5 in. to 1¼ ft. diameter, inclusive	each	$0.24
1½ ft. to 1¾ ft. diameter, inclusive	"	.33
2 ft. to 2¾ ft. diameter, inclusive	"	.37
3 ft. to 3¾ ft. diameter, inclusive	"	.46
4 ft. to **5** ft. diameter, inclusive	"	.60
5¼ ft. to **6** ft. diameter, inclusive	"	1.00

Made of best quality second growth hickory, square timber, smooth finish.

PINE TAR.

	½	1	2
Pints			
Per dozen	$1.00	1.20	1.90

NETTING NEEDLES.

½ in., wood	each	$0.19
¾ in., wood	"	.19
1 in., wood	"	.19
1¼ in., wood	"	.21
1½ in., wood	"	.21

TARRED ROPE.

American Hemp, for bottom lines, ½ to 1½ in.	per pound	$
American Hemp, for cork lines, ¼ and ⅜ in.	"	
Manila Hemp, ¼ in.	"	

Sold at market price.

CANOES.

Hudson River.

Description—Ribs white cedar, 2½ in. wide at centers, tapering to 1 in. at gunwales, ⅜ in. thick, spaced from 1½ to 2 in apart.

Planking—$\frac{3}{16}$ in. light northern cedar. Copper fastened, special canoe tacks being used, which are clinched on inside of the ribs.

Gunwales—Are $\frac{7}{8} \times \frac{11}{16}$ in. best quality spruce, running full length After decks are put in, finishing rails are also run full length, capping gun wales, and a neatly finished side rail gives the whole a very handsome effect.

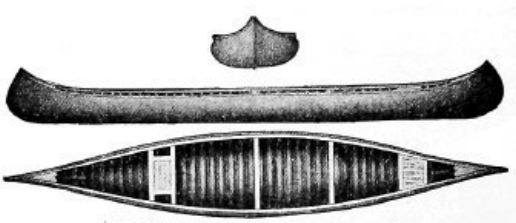
Stems—Are of select straight-grained white oak.

The Thwarts—Are of best quality oak or ash, unless otherwise specified two in each canoe, and when ordered specially an extra middle thwart can be installed at small extra charge, which may be found useful in carrying

Seats—There are two hand-caned seats.

EXTREME LENGTH	WIDTH AMIDSHIPS AT BILGE	WIDTH AMIDSHIPS ON RAILS	DEPTH AMIDSHIPS	NET WEIGHT	WEIGHT PACKED FOR SHIPMENT	EACH WITH REGULAR EQUIPMT
14 ft.	32 in.	30 in.	12 in.	55 lbs.	65 lbs.★	$44.10
15 ft.	32 in.	30 in.	12 in.	60 lbs.	70 lbs.★	58.86
16 ft.	33 in.	30½ in.	12 in.	65 lbs.	75 lbs.★	63.38
17 ft.	33 in.	31 in.	12 in.	70 lbs.	85 lbs.★	59.70
18 ft.	34 in.	31½ in	12½ in.	75 lbs.	90 lbs.★	76.16
20 ft.	36 in.	33 in.	13½ in.	80 lbs.	100 lbs.★	77.14

Sponson air chambers can be built in any Detroit canoe at $15.00 extra, with these sponsons attached, capsizing or sinking is almost impossible. Stock colors red and green.



"REV-O-NOC," Canvas Covered.

Description—Stems of white oak, ribs of white cedar reaching from gunwale to gunwale.

Planking—White cedar fastened to ribs with copper nails, breast hooks, gunwales and thwarts of birch, outside keel and stems of oak with polished brass stem bands.

Body—Canvas cover in one piece, filled and finished last two coats with canvas enamel, breast hooks, gunwales and thwarts finished natural and imitation mahogany, inside of canoe finished natural. One maple or spruce paddle any length 4½ to 6 ft. furnished with each canoe.

Seats—Cane, lazy backs and rugs, extra.

LENGTH	BEAM	DEPTH AMIDSHIPS	WEIGHT	EACH
14 ft.	32 in.	12½ in.	55 lbs.★	$54.00
15 ft.	32 in.	12½ in.	60 lbs.★	58.50
16 ft.	32 in.	12½ in.	65 lbs.★	63.00
16 ft.	34 in.	12½ in.	65 lbs.★	67.50
17 ft.	32 in.	13 in.	70 lbs.★	67.50
18 ft.	32 in.	13 in.	75 lbs.★	72.00

★ *FOR FACTORY SHIPMENT ONLY.*

In shipping canvas covered canoes they are covered with burlap for which a charge of $2.00 is made, on return of this cover prepaid to factory this amount will be refunded.

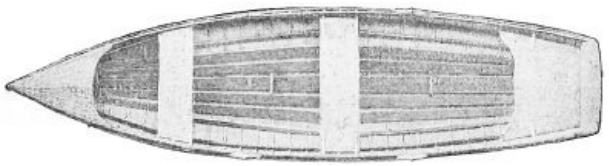
Seventeen and eighteen foot canoes built to order only.

EXTRAS.

Extra Paddles, spruce or maple, 4½ to 6 ft.	each	$2.50
Cane Seats, with bolts	"	3.50
Pantasote Seats, with bolts	"	2.50

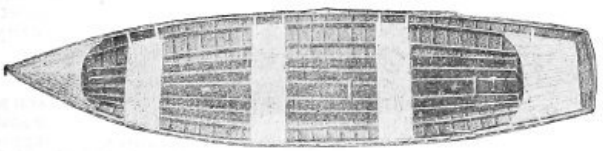
Send for special canoe catalogue.

DETROIT STEEL ROWBOATS.*



No. 115—Square stern rowboat, especially designed for livery purposes, length 14 ft., beam amidships 44 in., depth amidships 14 in., height of bow 22 in., height of stern 24 in., distance between ribs 4 in., w't about 150 lbs., crated about 200 lbs., complete with one pair of oars.....each $57.60

A carrying capacity of five persons, air tight compartments in each boat, removable footboards, first class finish and workmanship, hull galvanized steel, oak gunwales.

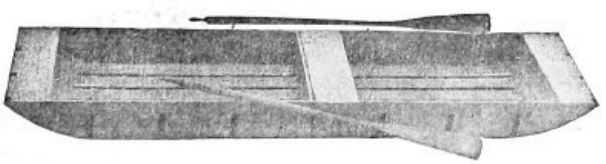


No. 117—Square stern, patent steel clinker boat, length 16 ft., beam amidships 48 in., depth amidships 16 in., height of bow 24 in., height of stern 26 in., distance between ribs 4 in., w't about 180 lbs., crated about 240 lbs., complete with one pair oars.....each $72.00

Ideal boat for clubs and individuals who desire boats, handsome and gracefull in appearance, absolutely seaworthy, reliable and safe under all conditions. Carrying capacity, seven persons. Air-tight compartments sufficient to float boat and passengers even when filled with water.

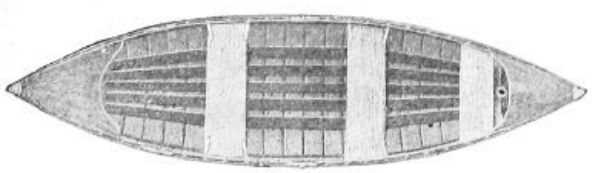
No. 125—Family, steel rowboat, length 16 ft., width amidships 53 in., depth amidships 18 in., height of bow 24 in., height of stern 25 in., distance between ribs 3 in., w't 190 lbs., crated about 250 lbs., complete with one pair oars.....each $80.00

Carries in perfect safety nine persons. Safest model made. Has extra large air-tight compartments. Specially designed for women and children. Impossible to capsize.



No. 150—Square stern combination packing chest or trunk boat, length 12 ft., width amidships 30 in., depth amidships 10 in., w't about 100 lbs., crated about 140 lbs., complete with one pair oars.....each $44.00

When going out to camp, save expenses on baggage by having trunk and boat in one. This boat folds in center, is roomy, safe and an ideal outfit for tourist, hunter, fisherman or other sportsmen.

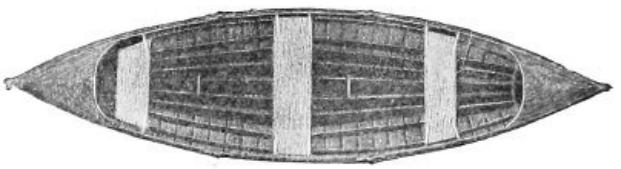


No. 110—Double pointed patent steel clinker boat, length 14 ft., width amidships 45 in., depth amidships 14 in., height of bow 22 in., height of stern 22 in., distance between ribs 4 in., w't about 150 lbs., crated about 200 lbs., complete with one pair oars.....each $56.00

Being pointed at both ends, it is preferred by many, as it can be rowed in either direction. It is safe and roomy, and has the same capacity in air-tight compartments as the square end boat.

No. 112—Double pointed patent steel clinker boat, length 16 ft., width amidships 48 in., depth amidships 15 in., height of bow 23 in., height of stern 18 in., distance between ribs 4 in., w't about 170 lbs., crated about 230 lbs., complete with one pair oars.....each $68.00

Easiest propelled boat made, will carry six or seven persons comfortably, can be rowed either way, does not leak, rust, sink, rot or crack.



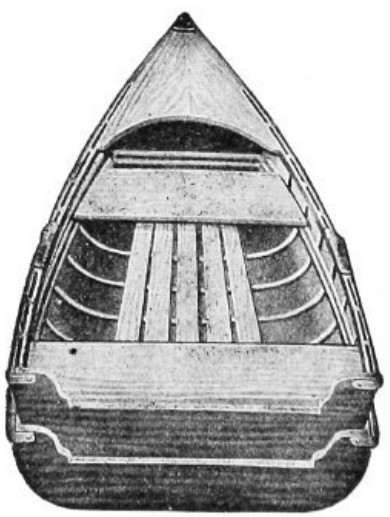
No. 133—Flat bottom steel fishing boat, length 14 ft., width amidships 44 in., depth amidships 13 in., height of bow 15 in., height of stern 15 in., distance between ribs 5 in., w't 120 lbs., crated about 150 lbs., complete with one pair oars, including live well and stoppers.....each $60.00

No. 132—Without live well and stoppers, otherwise same as No. 133.....each 56.00

No. 131—12 ft., w't 100 lbs., crated about 130 lbs., otherwise same as No. 133.....each 52.00

No. 130—12 ft., w't 100 lbs., crated about 130 lbs., without live well and stopper, otherwise same as No. 133.....each 46.00

Is universally praised by liverymen, fishermen and sportsmen. Has a very light draught when loaded. The wide flat bottom permits great carrying capacity. The three stationary wooden fenders on the bottom of the boat protect it from damage. This is one of the most popular designs.



No. 161—Sectional rowboat, length 12 ft., width amidships 44 in., depth amidships 13 in., height of bow, 15 in., height of stern 15 in., distance between ribs 5 in., w't 100 lbs., crated about 130 lbs., complete with one pair oars, including live well and stopper.....each $60.00

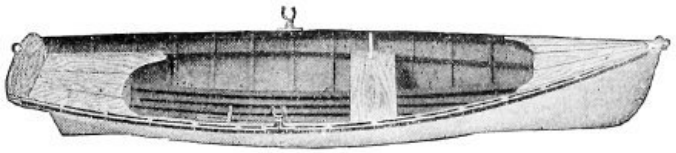
No. 160—Without live well and stopper, otherwise same as No. 161.....each 50.00

Flat bottom fishing boat. Sections lock into each other, impossible to break apart, coupling and uncoupling accomplished in a few seconds. Has air-tight compartments, light draught, and when packed can be checked as baggage, or loaded in back of automobile, buggy, etc.

Send for Special Boat Catalogue.

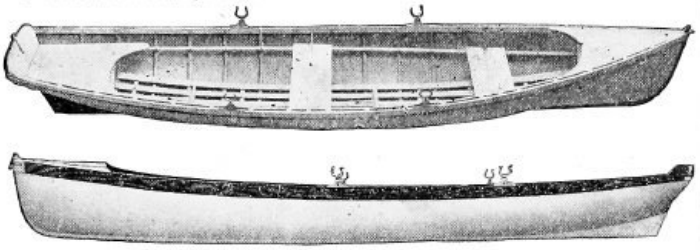
★ *FOR FACTORY SHIPMENT ONLY.*

MULLIN'S STEEL BOATS.



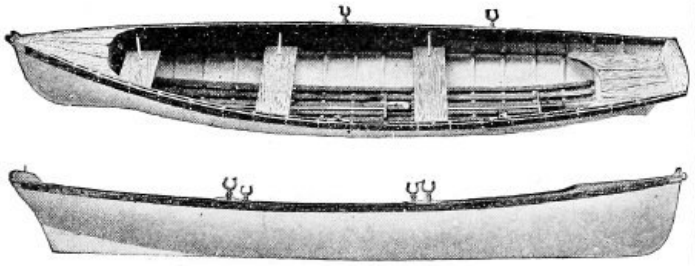
No. 312—"SPECIAL LIVERY", length 12 ft., beam 44 in., height at bow 22 in., stern 21½ in., amidship 13½ in., w't about 150 lbs., crated 175 lbs., with one pair 7½-foot straight leathered ash oars,★ each..... $57.60

Designed especially for boat liveries. It is arranged for but two passengers, and consequently the liveryman will usually let out two or more boats to the same party, greatly increasing his revenue, when otherwise the entire party would go out in a large boat, to the loss of the liveryman. It is light and easily rowed, and will be found a constant source of revenue. It will safely stand the hard wear and tear to which all livery boats are subjected. It is modeled on perfect lines, handsome in appearance, painted aluminum outside, light blue inside, natural wood trimmings, air chambers under decks in each end like a life boat.



No. 314—"PRINCE," length 14 ft., beam 44 in., height bow 22 in., stern 21½ in., amidship 13½ in., w't about 180 lbs., crated 200 lbs., with one pair 7½-foot straight leathered ash oars ★ each $61.20

This boat is one of the best family and pleasure resort boats that has ever been designed. It is modeled on perfect lines, insuring ease in rowing. It is also a first-class fishing boat, and after a vacation spent in one of these perfect steel boats, you will never be satisfied with any other. It is handsomely finished, painted aluminum outside, light blue inside, natural wood trimmings. Large air chambers under decks in each end like a life boat.



No. 316—"SULTAN," length 16 ft., beam 50 in., height bow 25 in., stern 23½ in., amidship 15 in., w't about 225 lbs., crated 260 lbs., with one pair 7½-foot straight leathered ash oars★.....each $70.20

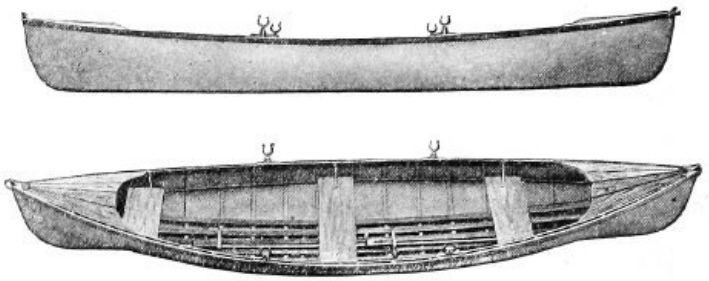
Is modeled on perfect lines, and will make an admirable boat for family or livery use where a good capacity is required, the best boat for children, as it is roomy and very steady. Easy to row. It will appeal to summer resorters on account of its durability, comfort and safety.

Finished in aluminum outside, light blue inside, natural wood trimmings, large air chambers under decks like a life boat.

EXTRAS.

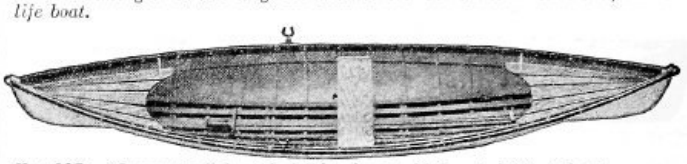
For Nos. 312, 314, 316, 315 and 305.

Straight Ash Oars, 7½ ft.	per pair	$3.60
Spruce Spoon Oars, 7½ ft.	"	7.20
Rudder	each	2.70
Cushions for 12-ft Special Livery Boat	"	10.35
Cushions for 14-ft. Prince Boat	"	13.05
Cushions for 16-ft. Sultan Boat	"	17.55
Cushions for 15-ft. Queen Boat	"	9.45
Cushions for 15-ft. Buckeye Boat	"	15.30
Back Rests	"	1.80
Oarlocks (horns only)	per pair	.45
Mast and Leg o' Mutton Sail	each	10.80
Mast Step	"	2.70
Painting Names	"	1.80



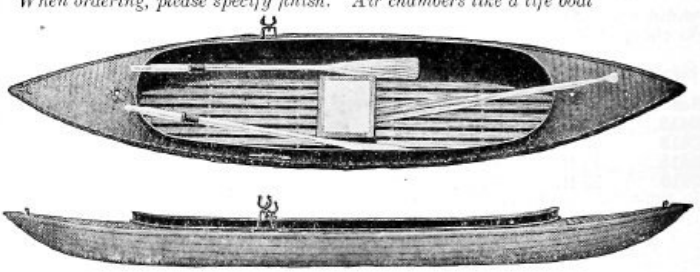
No. 315—"QUEEN," length 15 ft., beam 44 in., height bow and stern 22 in., amidship 13½ in., w't about 185 lbs., crated 200 lbs., with one pair 7½-ft. straight leathered ash oars★.....each $63.00

A double end boat that is a magnificent model for pleasure purposes and is especially desirable where you wish to paddle as well as row. It is light, easy running and thoroughly comfortable and the most beautiful boat on the water. Finished in aluminum outside, light blue inside, with natural wood trimmings. It has large air chambers under decks in each end, like a life boat.



No. 305—"BUCKEYE," length 15 ft., beam 44 in., height at bow and stern 14 in., amidship 12 in., w't 160 lbs., crated 180 lbs., with one pair 7½-ft. straight ash oars★.....each $59.40

Is the best combination hunting and fishing boat made. It has a perfectly smooth molded bottom, is fitted with a keel. Can be propelled with greater ease than any flat bottom boat, built exclusively for marsh shooting. Is steady to shoot or cast from. Free from all defects of the wooden hunting boats. Finished in aluminum outside, light blue inside or in dead-grass paint. When ordering, please specify finish. Air chambers like a life boat



No. 20—"GET THERE," length 14 ft., beam 36 in., 12½ in. high to top of coaming at ends. 10 in. high amidship, cockpit 9 ft. long, 30 in. wide, w't about 100 lbs. including regular fittings, packed for shipment 120 lbs.....each $39.60

No. 27—"BUSTLE," with air chambers on sides, making beam 46 in., otherwise same as No. 20, w't 120 lbs., packed for shipment 140 lbs.....each 52.20

Is recognized wherever it is used as the standard sportsman's boat. Thousands of them are in use and are pronounced by all who have ever had experience with them as the lightest, most comfortable and safest duck boats built. They are painted a dead-grass color, and you are assured of a neat and tasty craft. Air chambers at both ends like a life boat. The outfit complete consists of a bottom board, movable seat, oars and oarlocks and one long or short paddle. No. 20 and 27 boats in stock in Chicago.

EXTRAS.

For Nos. 20 and 27.

Standards for Canvas Gunwale	per set	$2.70
Folding Center Board	each	14.40
Rudder	"	3.60
Canvas Gunwale	"	4.50
Extra Paddle	"	1.26
Ash Oars, extra pair, 6 ft	per pair	3.15
Extra Seat	each	1.53
Keeper on Stern, for sculling	"	.90
Mast and Leg o'Mutton Sail	"	9.00
Allen's Bow Facing Cars (omitting regular oars)	"	14.40
Allen's Bow Facing Cars (including regular oars)	"	17.49
Game Baskets	per pair	10.80
Extra pair Oarlocks (horns only)	"	.45

Send for Mullin's Special Boat and Launch Catalogue

★*FOR FACTORY SHIPMENT ONLY*

"REV-O-NOC" WOODEN ROW BOATS.*

Specifications Applying to "Special and Family Row Boats."

Grade "B"—The entire frame is constructed of the best quality of oak. The planking is of northern white cedar fastened with copper nails properly clinched in a workmanlike manner. All other fastenings are screws. All fittings are nickel plated, steel stem band, painter ring and line. One pair ash oars leathered and varnished. The three top strakes inside and outside, gunwales, deck and seats are finished in oil and the best grade of marine varnish. Balance of boat is painted three coats best lead paint.

Grade "C"—Same specifications as Grade "B," except all fastenings are iron, all fittings galvanized. Painted inside and outside with three coats best lead paint, the gunwales, breast hooks and seats being finished in the natural wood with best grade of marine varnish, making a very neat contrast.

Exterior lines of either 13 or 15-ft. specials.

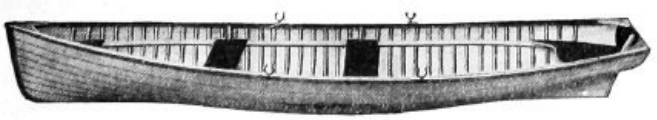
Seating arrangement of 13-ft. special.

Seating arrangement of 15-ft. special.

Special, Double Ender.

Nos.	LENGTH.	BEAM.	DEPTH AMIDSHIP.	DEPTH FORE AND AFT.	SHIPPING WEIGHT.	EACH.
B413	13 ft.	42 in.	13 in.	20 in.	115 lbs.	$54.00
C413	13 ft.	42 in.	13 in.	20 in.	115 lbs.	49.60
B415	15 ft.	42 in.	14 in.	21 in.	125 lbs.	56.53
C415	15 ft.	42 in.	14 in.	21 in.	125 lbs.	54.00

Exterior lines of Family.



Seating arrangement of Family.

Family.

Nos.	LENGTH.	BEAM.	DEPTH FORWARD	DEPTH AMIDSHIP.	DEPTH AFT.	SHIPPING WEIGHT.	EACH.
B424	14 ft.	46 in.	24 in.	15 in.	20 in.	135 lbs.	$63.00
C424	14 ft.	46 in.	24 in.	15 in.	20 in.	135 lbs.	56.53
B425	15 ft.	46 in.	24 in.	15 in.	20 in.	160 lbs.	69.47
C425	15 ft.	46 in.	24 in.	15 in.	20 in.	160 lbs.	63.00
B426	16 ft.	48 in.	25 in.	16 in.	21 in.	175 lbs.	72.00
C426	16 ft.	48 in.	25 in.	16 in.	21 in.	175 lbs.	66.67

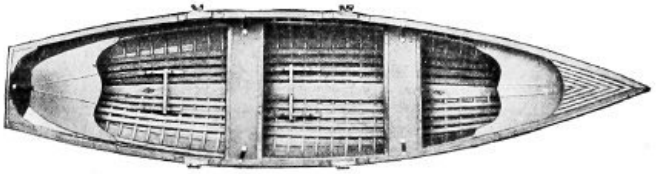
These Special and Family Boats are the best boats on the market for the money. They differ from the Standards in construction only, and we recommend them to all looking for a safe, light, easy rowing, serviceable and low priced boat.

Specifications.

Grade "B"—Keel, stem and stern post, best quality white oak, steam bent, oak gunwales and deck with coaming, half round oak fenders, planking clear white cedar, fastenings copper clout nails and brass screws, fittings, nickel plated oar locks and sockets, seat hangers, stem band and painter ring, with line, two pair straight spruce oars leathered, varnished and copper tipped, with all sizes except 13 ft. The gunwales, seats, deck and three top strakes finished in oil and the best marine varnish, balance of boat painted three coats best lead paint, rudder and lazy back with each boat.

Grade "C"—Same specifications as Grade "B," except all fastenings are iron and boat is painted inside and out three coats best lead paint, white outside and drab inside, gunwales, decks and seats finished in oil, and best marine varnish. One pair straight spruce oars, leathered, varnished and copper tipped with all size boats.

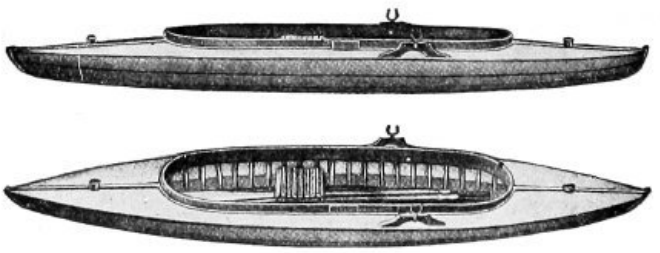
Exterior line of Standard.



Seating arrangement of Standard.

Standard, Square Stern.

Nos.	LENGTH.	BEAM.	DEPTH FORWARD.	DEPTH AMIDSHIP.	DEPTH AFT.	SHIPPING WEIGHT.	EACH.
B433	13 ft.	40 in.	22 in.	14 in.	19 in.	120 lbs.	$63.00
C433	13 ft.	40 in.	22 in.	14 in.	19 in.	120 lbs.	58.33
B434	14 ft.	42 in.	23 in.	14½ in.	20 in.	130 lbs.	72.00
C434	14 ft.	42 in.	23 in.	14½ in.	20 in.	130 lbs.	67.47
B435	15 ft.	42 in.	24 in.	15 in.	20½ in.	165 lbs.	85.00
C435	15 ft.	42 in.	24 in.	15 in.	20½ in.	165 lbs.	81.00
B436	16 ft.	46 in.	25 in.	16 in.	21 in.	180 lbs.	94.53
C436	16 ft.	46 in.	25 in.	16 in.	21 in.	180 lbs.	90.00
B438	18 ft.	47 in.	25 in.	16 in.	21 in.	220 lbs.	112.53
C438	18 ft.	47 in.	25 in.	16 in.	21 in.	220 lbs.	103.47



Still Hunter.

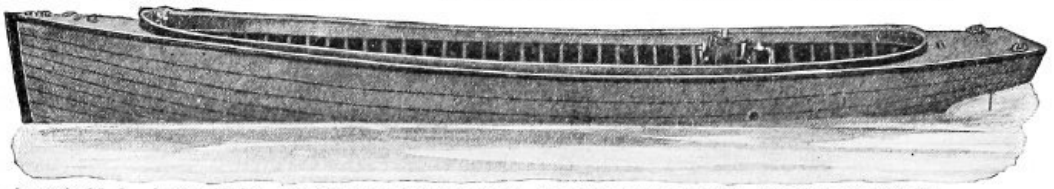
Nos.	LENGTH.	BEAM.	DEPTH.	COCKPIT.	DRAUGHT.	SHIPPING WEIGHT.	EACH.
442	12 ft.	36 in.	8½ in.	6½ ft.×26 in.	3 in.	80 lbs.	$40.53
444	14 ft.	40 in.	11 in.	8½ ft.×30 in.	4 in.	100 lbs.	45.00
Seats						extra, each	2.00
Air Tanks						" "	4.53
Bow Facing Oar Locks						" "	10.80

This boat was designed to meet the demand for an exceedingly low priced, but a strong, safe and durable boat. The body is of cedar and oak, all ribs, braces and trimmings of hardwood. The whole painted three coats, dry grass color. Is supplied with a movable seat, one pair six-foot oars and one eight-foot push paddle, and removable floor rack. A galvanized steel tube passes through forward and after decks, affording a very convenient and safe way to anchor. This boat is built so that galvanized steel air tanks can be put under both forward and after decks. When supplied with these tanks we guarantee that this boat will sustain 500 lbs. weight when filled with water, making the same practically non-sinkable.

Send for special "Rev-o-noc" boat catalogue.

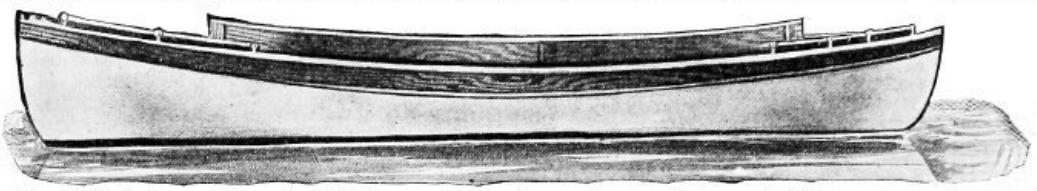
★*FOR FACTORY SHIPMENT ONLY.*

"REV-O-NOC" WOODEN LAUNCHES.*



Dimensions—Length 16 ft., beam 48 in., seating capacity 6 persons, speed 7 miles per hour, shipping w't 350 lbs.
Frame, Keel, Stem and Stern Post—Best quality oak, ribs of oak, steam bent.
Planking—Is of lap strake construction, of northern white cedar, fastened to frames with best quality iron clout nails.
Decking—Is of oak or ash, coaming of oak, seats of cedar or basswood with locker under center seat for batteries and tools.
Finish—The boat is painted white outside and drab inside, the seats, deck, coaming and covering boards finished with the best grade marine varnish.
Fittings—Steel stem band, nickel plated bow chocks, quarter chocks and cleats, steel rudder properly connected with coppered chain to nickel plated steering wheel in bow, galvanized steel gasoline tank under bow deck.
Fastenings—For fresh water, iron screws and nails, and for salt water brass screws and copper nails.
Motor—Consists of two horse-power reversible motor, direct connected to propeller shaft and wheel, muffler, speed controller, batteries, switch, tools, etc.

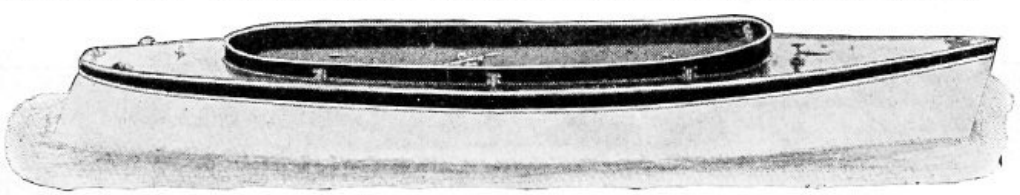
REV-O-NOC **16 ft.,** hunting and fishing ..... each $195.75



Dimensions—Length 16 ft., beam 54 in., depth 23 in., speed 7½ miles per hour, seating capacity 10 persons, carrying capacity 2,400 lbs., shipping w't 800 lbs.
Frame—White oak keel, natural crook stem, oak stern, oak frames, steam bent, spaced close together, fastened to oak floor timbers with screws.
Planking—Garboard and sheerstrake selected oak, balance of planking northern cedar, all screw-fastened to frames and all butts have oak backs, all seams carefully caulked with cotton and puttied with white lead putty.
Decking—Covering board and coaming clear oak, all screw fastened and plugged flush, deck beams oak, sawed to proper crown. Decking oak strips grooved and tongued, blind fastened and laid in shellac. Fenders made of oak half round, fastened to upper and lower edges of sheerstrake.
Cockpit—Ceiled up in narrow strip. V joint cedar ceiling, seats on side, running fore and aft, made as lockers and nicely paneled fronts. Floor of pine or cedar.
Bulkheads—Built in either end of cockpit with a small door, and nicely finished.
Engine Bed—Made of oak timbers, running fore and aft, notched out over ribs to fit planking and bolted through.
Finish—The entire boat is scraped and sanded down to a smooth surface and finished in three coats of anti-fouling yacht paint, green below the water line and three coats of white above. The sheerstrake, fenders, deck coaming and cockpit are finished in natural wood with best grade of marine varnish. Cockpit floor nicely painted. The hull also well painted on the inside to preserve the planking before the ceiling is put on.
Fittings—Steel stem band, nickel plated bow chocks, quarter chocks and cleats. Steel rudder properly connected with coppered chain to nickel plated steering wheel in bow. Galvanized steel gasoline tank under bow deck.
Fastenings—For fresh water use, iron screws, nails and bolts, and for salt water use, brass screws, brass and copper bolts.
Motor—Consists of 2 horse-power single cylinder reversible motor, bilge water ejector, muffler, under water exhaust, speed controller, batteries, switch, tools, etc.

REV-O-NOC **16 ft.,** compromise stern, family ..... each $270.00

This boat is designed for those who want an inexpensive, yet high grade article, and is especially recommended to meet the requirements that occur at a small family home on river or lake. It is very roomy, safe and seaworthy, and we can recommend it as a very useful boat.



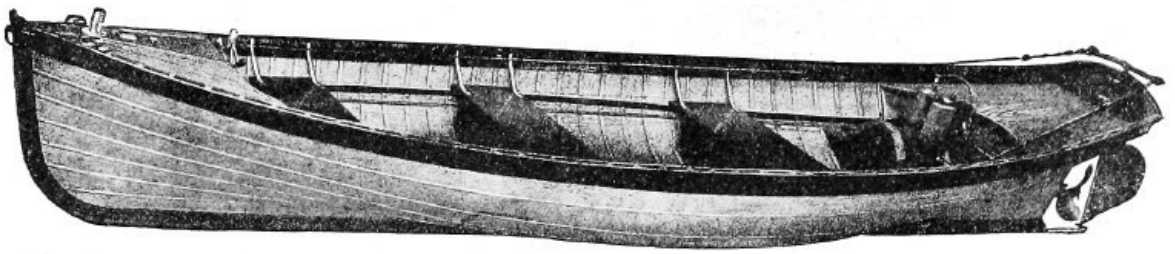
Dimensions—Length 17 ft., beam 4 ft. 6 in., depth amidship 24½ in., seating capacity 10 persons. Speed, 8 miles per hour. Shipping w't 900 lbs.
Frame—White oak keel, natural crook stem, oak stern, oak frames, steam bent, spaced close together, fastened to oak floor timbers with screws.
Planking—Garboard and sheerstrake selected oak, balance of planking northern cedar, all screw-fastened to frames and all butts have oak backs, all seams carefully caulked with cotton and puttied with white lead putty.
Decking—Covering board and coaming clear oak, all screw fastened and plugged flush, deck beams oak, sawed to proper crown. Decking oak strips grooved and tongued, blind fastened and laid in shellac. Fenders made of oak half round, fastened to upper and lower edges of sheerstrake.
Cockpit—Ceiled up in narrow strip. V joint cedar ceiling, seats on side, running fore and aft, made as lockers and nicely paneled fronts. Floor of pine or cedar.
Bulkheads—Built in either end of cockpit with a small door, and nicely finished.
Engine Bed—Made of oak timbers, running fore and aft, notched out over ribs to fit planking and bolted through.
Finish—The entire boat is scraped and sanded down to a smooth surface and finished in three coats of anti-fouling yacht paint, green below the water line and three coats of white above. The sheerstrake, fenders, deck, coaming and cockpit are finished in natural wood with best grade of marine varnish. Cockpit floor nicely painted. The hull also well painted on the inside, to preserve the planking before the ceiling is put on.
Fittings—Steel stem band, nickel plated bow chocks, quarter chocks and cleats. Steel rudder properly connected with coppered chain to nickel plated steering wheel in bow. Galvanized steel gasoline tank under bow deck.
Fastenings—For fresh water use, iron screws, nails and bolts, and for salt water use, brass screws, brass and copper bolts.
Motor—Consists of single cylinder 3 horse-power motor, reversible propeller, bilge water ejector, muffler, under water exhaust, speed controller, batteries, switch, tools, etc.

REV-O-NOC **17 ft.,** Torpedo stern ..... each $354.40

The Torpedo Stern Launch has so many points of merit over the old style fan tail stern variety, which are at once apparent to the average customer, that we have decided without hesitation, to offer it as a Standard Launch.
These boats are staunch, roomy and splendid sea boats, and are at least 10 per cent faster with the same power than the old style model.
The interior of the cockpit can be arranged to suit the purchaser, some preferring willow chairs to the paneled side seats.

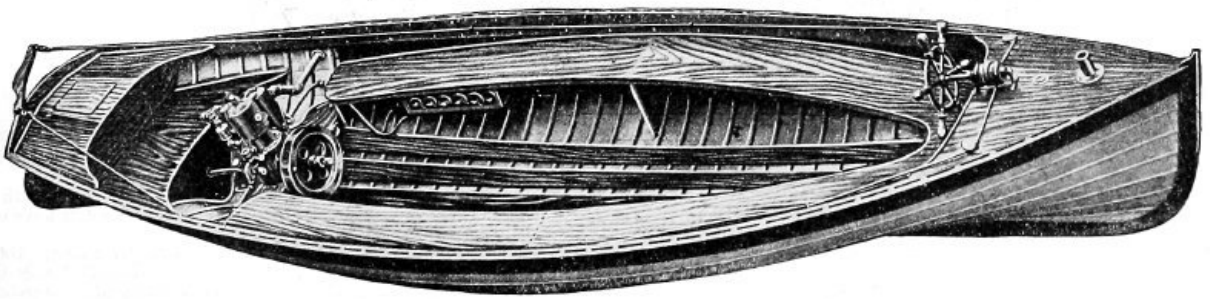
★*FOR FACTORY SHIPMENT ONLY.*

DETROIT STEEL LAUNCHES.*



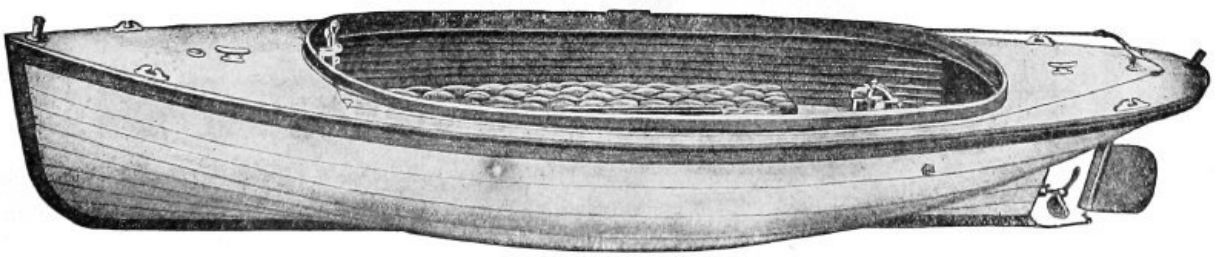
Dimensions—Length 16 ft., beam 4 ft. 2 in., draught, loaded, about 12 in., seating capacity 6 to 8 persons, speed, about 7 to 7½ miles an hour.
Fittings—Complete with 2 H. P. 2 cycle reversible engine with speed controlling lever, bronze propeller, steering wheel in bow and flag pole socket, crated F. O. B. cars or steamer.

16 ft., SPECIAL, shipping w't crated, about 700 lbs.....each $225.00



Dimensions—Length 16 ft., beam 4 ft. 6 in., depth amidships 19 in., seating capacity about 8 to 10 persons. Speed about 7½ miles per hour.
Frame—Ribs of best selected white oak, ⅞×1½ in. every 4 in. Hull of galvanized steel with locked seams, decks, best quality cypress, filled and finished with spar varnish. Shear strakes, best grade white oak, natural finish. Seats and bulkheads of cypress. All inside woodwork finished in natural color.
Fittings—All launches, fitted with heavy iron shoe to protect entirely the rudder and propeller should the boat run into an obstruction. Each 16-ft. launch is fitted with steel cored cable running around the decks for steering purposes. Every boat fitted with air-tight compartments and thoroughly tested out before shipment is made.
Complete, with 2 H. P. 2-cycle reversible engine with speed controlling lever, bronze propeller, steering wheel in bow, flag pole sockets and side seats, crated F. O. B. cars or steamer.

16 ft., Grade A, shipping w't crated, about 700 lbs.....each $250.00



Dimensions—Length 18 ft., beam 4 ft. 6 in., draught, about 14 in. Height of bow 2 ft. 8 in., height of stern 2 ft. 11 in., depth amidships 2 ft. 2 in. Length of cockpit 10 ft. 3 in., width of cockpit 3 ft. 6 in. Length forward deck 3 ft. 9 in., length aft deck 4 ft. Speed about 8 miles an hour with 2 H. P. engine. Carrying capacity, about 10 to 12 persons.
Frame—Ribs of best selected white oak ⅞×1½ every 3 in. Hull of galvanized steel cut in strips and lock seamed. These seams, running from bow to stern, act like iron girders encircling the boat, making it impossible to pull apart.
Decking—Fore and aft of wood, covered with painted canvas, ecru color, set in white lead, same as all up-to-date launches are now being finished.
Cockpit—Seats extend fore and aft and are so situated that the coaming forms a comfortable back rest.
Fittings—Woodwork finished natural color, metal work painted with silver pegamoid, every launch fitted with heavy iron shoe under rudder to protect entirely the rudder and propeller, providing the boat runs into an obstruction. Brass and cherry trimmed steering wheel, speed controlling lever, steel cored cable and forward chalks and cleats included without extra charge.
Crated F. O. B. cars or steamer.

18 ft. Auto, complete with 2 H. P. 2-cycle reversible engine, w't crated, about 1,000 lbs.....each $380.00
18 ft. Auto, complete with 3 H. P. 2-cycle reversible engine, w't crated, about 1,000 lbs..... " 410.00
18 ft. Auto, complete with 5 H. P. 2-cycle reversible engine, w't crated about 1,000 lbs..... " 470.00

Send for special catalogue listing full line of Detroit launches, boats and engines.

★FOR FACTORY SHIPMENT ONLY.

BOATS.

LIFE-SAVING FOLDING.

Folding boats have for some time been used by the sporting fraternity, but it was not until quite recently that it has been possible to secure boats of sufficient strength as to make them adaptable to practicable purposes and at the same time having the lightness and buoyancy necessary for boats of this character.

The Life-Saving Folding Canvas Boat is constructed on lines which make it very strong, durable and buoyant. The carrying capacity for its size is wonderful.

The framework is made of the best high carbon-tempered spring steel. All metal parts are galvanized and will not rust when used in either salt or fresh water. No tools are necessary to set up or take down. The steel frame of the boat makes it stiff and rigid so that the seat and spreaders may be left out at any time, and the boat will keep its perfect shape.

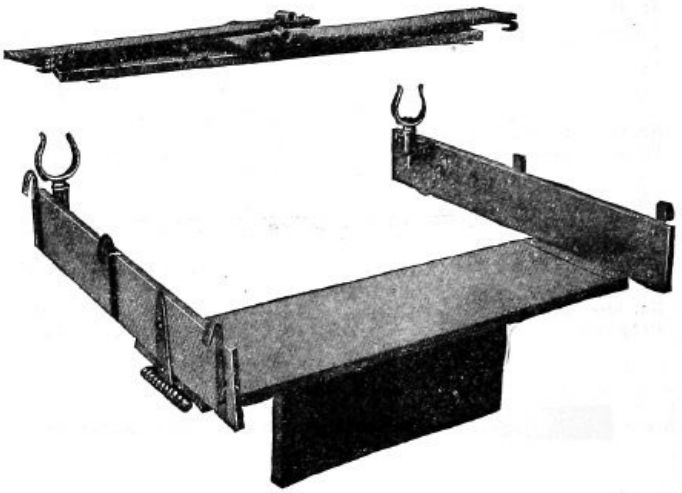
These boats are made of one piece of the best 22 or 24 oz. hard woven duck, made expressly for this purpose. Each end being of double thickness and covered on the outside by a third piece, which fully covers the end and runs back well along the bottom to protect it from possible wear. There is no more danger of puncturing than there is in a wooden boat.

The combination keel and bottom is perfectly flat, rigid and smooth, cannot warp nor get out of order. It is the same as one solid piece when placed in the boat, and has sufficient strength to prevent the boat from springing up at the ends when loaded in the center, or springing up in the center when loaded at the ends.

The boat is as easy to set up in the dark as in the light, because there is nothing to get lost. No bolts, nuts or cotter pins. All the cross ribs are fastened to a strong strap and therefore none of them can get misplaced. It is never necessary to stop and sort out the ribs; they cannot be put on wrong. This is one of the strong features of the boat.

They are used as duck boats and are also used by the U. S. Navy as yacht tenders. Each boat is equipped with the life-saving air chambers. We furnish no boats without them.

In the illustration of the combination thwart seat, spreaders and oar locks, the view at the top of the cut shows the seat folded. The one at the bottom shows the seat opened as it sets in the boat. The seat support rests on the bottom of the boat, and the oar beds are hinged to the bottom side of the seat, and when turned up can only go to a right angle. This makes the whole combination very rigid and gives great strength to the boat. The seat can be moved to different places in the boat, and folds compactly without moving a screw or a bolt.



Combination Thwart Seat, Spreaders and Oar Locks.

No. 9—Length 9 ft., 32 in. beam, 10 in. deep, 16 in. at ends, with jointed oars or double paddle, carrying case, thwart seat and spreaders, air chambers, capacity 350 lbs., package is 3 ft. by 8 in., w't 30 lbs., - - - - - - - - - - each $37.50

No. 12—Regular, length 12 ft., 37 in. beam, 12 in. deep, 20 in. at ends, with jointed oars or double paddles, carrying case, thwart seat and spreaders, air chambers and camp chair, capacity 700 lbs., package is 4 ft. by 9 in., by 11 in., w't 55 lbs., - - each 49.50

No. 14—Regular, length 14 ft., 38 in. beam, 13 in. deep, 22 in. at ends, with jointed oars or double paddles, carrying case, thwart seat and spreaders, air chambers and camp chair, capacity 1,000 lbs., package is 5 ft. by 9 in. by 12 in., w't 60 lbs., - - each 55.50

No. 16—Regular, length 16 ft., 45 in. beam, 16 in. deep, 24 in. at ends, with jointed oars or double paddles, carrying case, thwart seat and spreaders, air chambers, one 5 ft. single paddle and two camp chairs, capacity 1600 lbs., package is 5 ft. by 9 in. by 12 in., w't 80 lbs., - - - - - - - - - - - - - - - - - - - each 70.50

No. 18—Regular, length 18 ft., 52 in. beam, 18 in. deep, 28 in. at ends, with jointed oars or double paddles, thwart seat and spreaders, carrying case, air chambers, one 5 ft. single paddle and two camp chairs, capacity 2,200 lbs., package is 6 ft. by 12 in. by 16 in., w't 90 lbs., - - - - - - - - - - - - - - - - - - - each 82.50

No. 20—Regular, length 20 ft., 60 in. beam, 20 in. deep, 32 in. at ends, package is 7 ft. by 12 in. by 20 in., capacity 3,000 lbs., otherwise same as No. 18, w't 120 lbs., - - - - - - - - - - - - - - - - each 97.50

EXTRA PARTS.

Oars —Spruce, 6 ft. long, copper tipped and jointed, - - - - - - - - - - - - per pair $6.00
Paddles —Single, spruce, 5 ft. long, - - - - - - - - - - - - - - - - each 4.50
Paddles —Genuine Indian, 5 ft. long, - - - - - - - - - - - - - - - - " 4.12
Paddles —Double folding, - " 6.75
Seats —Folding back, and leg rest, - - - - - - - - - - - - - - - - - " 2.25
Waterproofing—Per gallon, - 3.00

Cabin Ends.

Length of boat, - - -	**9**	**12**	**14**	**16**	**18**	**20 ft.**
Each, - - - - - -	$4.50	6.74	7.50	9.00	9.75	10.50

Tent Tops—For 14 ft. boats, - - - - - - - - - - - - - - - - - - - each $22.50
Tent Tops—For 16 ft. boats, - - - - - - - - - - - - - - - - - - - " 27.00
Cabins —To cover whole boat, in three sections, - - - - - - - - - - - - - 3 times price of one end
Combing —For duck or sail boats, - - - - - - - - - - - - - - - - - - per foot .45
Decking —For duck boats depends on width of boat, prices will be furnished on application.

OARS, OAR LOCKS, ANCHORS AND WATER WINGS.

PLAIN OARS.

Northern Fir, Very Light and Strong, Straight Grain, Reinforced Blade.

No. 40—Length	6	6½	7	7½	8 ft.
Per pair	$1.92	2.08	2.24	2.40	2.56

White Ash, Selected Straight Grain, Reinforced Blade.

No. 55—Length	6	6½	7	7½	8 ft.
Per pair	$2.00	2.16	2.32	2.48	2.64

AVERAGE WEIGHT PER PAIR 6½ LBS.

COPPER TIPPED OARS.

Northern Fir, Very Strong and Light, Straight Grain, Reinforced Blade

No. 45—Length	6	6½	7	7½	8 ft.
Per pair	$2.04	2.20	2.40	2.56	2.72

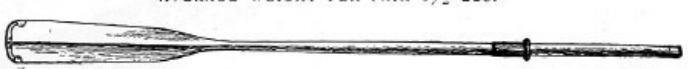
White Ash, Selected Straight Grain, Reinforced Blade.

No. 75—Length	6	6½	7	7½	8	8½ ft.
Per pair	$2.12	2.32	2.40	2.64	2.80	2.92

Spruce, Selected Material, Straight Blade.

No. 89—Length	6½	7	7½	8 ft.
Per pair	$2.60	2.80	3.00	3.20

AVERAGE WEIGHT PER PAIR 6½ LBS.

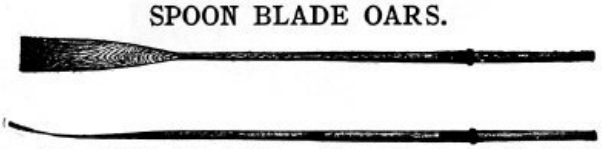


Spruce, Straight Blade, Selected Material, Finished with Spar Varnish and Leather Collar.

No. 90—Length	7	7½	8 ft.
Per pair	$4.64	4.96	5.28

AVERAGE WEIGHT PER PAIR 7 LBS.

SPOON BLADE OARS.



Spruce, Selected White Material, Copper Tipped, Leather Oar Lock Shields, Finished with Best Spar Varnish.

No. 111—Length	7	7½	8 ft.
Per pair	$5.88	6.32	6.72

AVERAGE WEIGHT PER PAIR 7 LBS.

CANOE PADDLES.

Spruce, Plain Tip, Selected Material, Finished in Oil.

No. 80—Length	4½	5	5½	6 ft.
Per dozen	$27.00	27.00	27.00	27.00

AVERAGE WEIGHT PER DOZEN 18 LBS.

PUSH PADDLES.

White Ash, Plain Tip, Selected Straight Grain.

No. 85—Length	8	9	10 ft.
Each	$2.16	2.41	2.70

AVERAGE WEIGHT EACH 3¾ LBS.

OAR LOCKS.

Nos. 11 to 1½.

No. 11—Socket, plain malleable iron, 2⅛ in. opening, 2½ in. center, w't per doz. prs. 25 lbs. ..... per dozen pairs $2.88

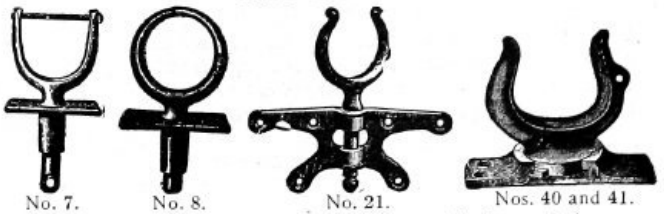
No. 11½—Socket, plain malleable iron, 2¼ in. opening, 3 in. center, w't per doz. prs. 24 lbs., per dozen pairs 3.12

No. 0—Socket, galvanized malleable iron, 1⅝ in. opening, 2⅛ in. center, w't per doz. prs. 12 lbs. ..... per dozen pairs 3.24

No. 1—Socket, galvanized malleable iron, 2⅛ in. opening, 2½ in. center, w't per doz. prs. 15 lbs. ..... per dozen pairs 3.24

No. 1½—Socket, galvanized malleable iron, 2¼ in. opening, 3 in. center, w't per doz. prs. 24 lbs. ..... per dozen pairs 4.92

OAR LOCKS.



No. 7. No. 8. No. 21. Nos. 40 and 41.

No. 7—North River galvanized malleable iron, with plate and pin, 2 in. opening, w't per doz. prs. 18 lbs. ..... per dozen pairs $3.48

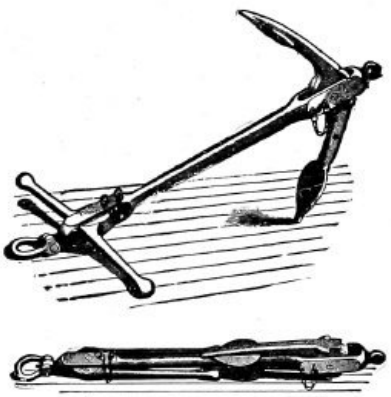
No. 8—Round socket galvanized malleable iron, with plate, 2¼ in. hole, w't per doz. prs. 18 lbs. ..... per dozen pairs 3.24

No. 21—MOLINE, plain malleable iron, with side plate, 1⅝ in. opening, 2¼ in. center, w't per doz. prs. 2½ lbs. ..... per dozen pairs 4.92

No. 40—Patent swivel, galvanized malleable iron, 1¾ in. opening, 2¼ in. center, w't per doz. prs. 2 lbs. ..... per dozen pairs 12.60

No. 41—Patent swivel, galvanized malleable iron, 2 in. opening, 2½ in. center, w't per doz. prs. 2⅛ lbs. ..... per dozen pairs 14.40

DERIGO FOLDING ANCHORS.



Pounds	4	6	8	10	12	16	20
Length	17	19	22	23	25	28	30 in.
Each	$2.40	2.90	3.80	4.80	5.70	6.70	8.60

Pounds, 26 and up ..... per pound $0.40

KEDGE ANCHORS.

Pounds	4	5	6	7	8
Black	each $				
Galvanized	"				
Pounds	10	12	14	16	18
Black	each $				
Galvanized	"				
Pounds	25 to 100			105 to 300	
Black	per pound $				
Galvanized	"				

WRITE FOR PRICES ON ANCHORS.

WATER WINGS.

No. 1—AYVAD'S, plain ..... per doz. $4.30

No. 2—AYVAD'S, variegated colors, better quality and finish than No. 1 ..... per doz. 5.60

Easily adjusted; a good pocket life preserver, great sport in the water. Can be brought instantly into use, with them any one can swim or float. Supports from 50 to 250 pounds. Weighs three ounces and takes no more room than a pocket handkerchief. A great help for those who wish to learn to swim, and fun for all competent swimmers.

H.S.B.&CO. REV-O-NOC

BASE BALLS.

CRUSO

$1.50

No. XO—"Rev-o-noc," Official League, hand made on National League specifications, horse hide cover, para rubber center, wrapped with highest quality wool yarn, guaranteed to last a full nine inning game, each ball wrapped in tin foil, and packed in a separate box.....per dozen $18.00
ONE DOZEN IN A CARTON.

$1.00

No. X2—"Rev-o-noc" League, made of all wool yarn with rubber center, horse hide cover, regulation size and weight, wrapped in tin foil and packed in a separate box, the best "dollar league" warranted for nine innings, per dozen..... $12.00
ONE DOZEN IN A CARTON.

$0.75

No. X3—"Rev-o-noc," American Association, horse hide cover, regulation size and weight, warranted for nine innings, a popular high school ball, each ball wrapped in tinfoil and packed in a separate box.....per dozen $9.00
ONE DOZEN IN A CARTON.

$0.50

No. X4—"Rev-o-noc" Professional, horse hide cover, regulation size and weight, a rattling good "fifty center," each ball packed in a separate box wrapped in tin foil.....per dozen $6.00
ONE DOZEN IN A CARTON.

$0.50

No. X6—"Rev-o-noc" Amateur, horse hide cover, rubber center, regulation size and weight, each ball in a separate box.....per dozen $6.00
Warranted the best fifty-cent ball on the market.
ONE DOZEN IN A CARTON.

$0.25

No. X5—"Rev-o-noc" Challenge, horse hide cover, regulation size and weight, each ball packed in a separate box the best twenty-five cent ball made, per dozen..... $3.00
ONE DOZEN IN A CARTON.

$0.25

No. X8—"Cruso" Home Run, horse hide cover, full weight and size, each ball packed in a separate box, a very popular twenty-five cent practice ball, per dozen..... $3.00
ONE DOZEN IN A CARTON.

$0.25

No. X9—"Cruso" Boys' League, horse hide cover, the best boy's ball made, packed one in a box.....per dozen $3.00
ONE DOZEN IN A CARTON.

$0.15

No. X10½—"Cruso" Boy's Favorite, white sheep skin, cover with red stitching, regulation size and weight, a beauty.....per dozen $1.80
ONE DOZEN IN A BOX.

$0.10

No. X10—"Cruso" Junior Dead, white cover, large, an excellent boy's ball, per dozen..... $1.20
ONE DOZEN IN A BOX.

$0.10

No. X11—"Cruso" Young American, white cover, good size, a first class ten cent ball.....per dozen $1.20
ONE DOZEN IN A BOX.

BASE BALLS AND MASKS.

BASE BALLS.

$0.10

No. X12—"CRUSO" FAMOUS, white cover, sewed with red thread, nothing as attractive ever before offered in a ten-cent ball, each in a separate box, per dozen..... $1.20

ONE DOZEN IN A CARTON.

$0.05

No. X12½—"CRUSO" HERO, white cover, extra large, nothing equal ever offered in a five-cent ball.....per dozen $0.60

ONE DOZEN IN A BOX.

$0.05

No. X13—DANDY, two piece cover, an excellent five-cent ball.....per dozen $0.60

ONE DOZEN IN A BOX.

$0.05

No. X14—Boss, two piece cover, children's ball.....per dozen $0.60

ONE DOZEN IN A BOX.

MASKS.

$4.00

No. 350—"REV-O-NOC," patented pneumatic cushions, neck protector, finest cold drawn annealed steel, burnished and copper plated, leather chin piece, per dozen..... $48.00

The pneumatic cushion pads are made of pure para rubber, covered with perspiration proof khaki cloth, extending around the side of the face and across the chin, conforming readily to the contour of the face. A nozzle attached to the pad, by one operation, inflates the entire pad.

ONE IN A BOX.

$3.50

No. 200 — "REV-O-NOC," sun shade, heavy steel, black enameled, hair stuffed leather pads, made on a professional model. per dozen...$42.00

This mask with the new style continuous hair filled pads and the sun shade attachment makes the most satisfactory mask ever produced.

ONE IN A BOX.

$2.50

No. 117—"REV-O-NOC," men's professional, special neck protector, padded chin piece finest cold drawn steel wire and clamps, burnished and copper plated, black hair filled pads. per dozen $30.00

Made and finished in a careful manner by experienced workmen.

ONE IN A BOX.

$2.00

No. 113—"REV-O-NOC," professional league mask, black enameled extra heavy steel wire, each joint reinforced with a steel clamp, very fine horse hide pads, hair stuffed. per dozen $24.00

Made with the idea of making a strong and serviceable mask that will give entire satisfaction.

ONE IN A BOX.

MASKS.

$1.50

No. 111—"REV O-NOC," mens' size black enameled steel wire joints reinforced with steel clamps, chin and forehead of leather, hair filled pads. per dozen $18.00

A perfectly safe and reliable mask, well braced, being held together in such a manner that it will not become loose by usage.

ONE IN A BOX.

$1.00

No. 110—"REV-O-NOC," mens' size, black enameled, steel wire, joints reinforced with steel clamps, chin and forehead pieces of leather, well filled pads. per dozen.... $12.00

ONE IN A BOX.

$0.75

No. 18 — "REV-O-NOC," amateur size, very heavy enameled wire, well stuffed pads chin and forehead pieces of leather. per dozen..... $9.00

ONE IN A BOX.

$0.50

No. 25—"REV-O-NOC," youth's size, silver finished heavy wire, well stuffed leather pads, with forehead and chin pieces of leather. per dozen..... $6.00

HALF DOZEN IN A BOX.

$0.35

No. 16 — "REV-O-NOC," youth's size, silver finished heavy wire, four well stuffed pads, elastic strap. per dozen..... $4.20

$0.25

No. 11 — "REV-O-NOC," boys' large size, heavy wire, leather pads, and elastic straps. per dozen..... $3.00

HALF DOZEN IN A BOX.

BASE BALL BATS.

THE "REV-O-NOC" "CUB" LINE.

The REV-O-NOC "Cub" Bats are made of finest quality selected second growth white ash, thoroughly seasoned, in the following shapes and models, by men who have made bat making a life study. All REV-O-NOC "Cub" bats are hand turned and finished, and for elegance of appearance, perfection of balance and length of life are unequaled.

The word REV-O-NOC is burned into the wood and the magnificent coloring of the "Cub" transfer adds much to the attractiveness of the line.

No. X REV-O-NOC—"Cub," natural finish, shellaced and polished, assorted lengths 32 to 35 in., w't per doz. 24¾ lbs. ..... per dozen **$13.00**

No. XX REV-O-NOC—"Cub," ebony finish, taped handle, assorted lengths 32 to 35 in., w't per doz. 25½ lbs. ..... per dozen **$14.40**

No. XXX REV-O-NOC—"Cub," flame burnt finish, shellaced and polished, mushroom handle, lengths 32 to 35 in., w't per doz. 27 lbs. ..... per dozen **$13.00**

No. XXXX REV-O-NOC—"Cub," waxed and polished, grain filled with light brown filler, taped handle, assorted lengths 32 to 35 in., w't per doz. 24 lbs. ..... per dozen **$14.40**

No. A2 REV-O-NOC—"Cub," boys', flame burnt finish, taped handle, length 31 in., w't per doz. 25½ lbs. ..... per dozen **$7.00**

No. A REV-O-NOC—Fine quality selected second growth white ash, well seasoned, antique green filled, waxed and polished, assorted lengths 32 to 35 in., w't per doz. 16½ lbs. ..... per dozen **$10.00**

No. A1 REV-O-NOC—Selected second growth white ash, air dried, natural finish, oiled, taped handle, assorted lengths 32 to 35 in., w't per doz. 12¾ lbs., per dozen **$7.00**

No. B1 REV-O-NOC—Men's, strictly second growth air dried white ash, flame burnt finish, assorted lengths 32 to 35 in., w't per doz. 27 lbs. .... per dozen **$3.80**
No. B2 REV-O-NOC—Boys', strictly second growth air dried white ash, flame burnt finish, length 32 in., w't per doz. 24 lbs. ..... " 3.80
No. C1 REV-O-NOC—Boys', second growth white ash, flame burnt, length 31 in., w't per doz. 12 lbs. ..... " 2.60

No. C2—Boys', white ash, painted green, with striking red band and black stripes, length 30 in., w't per doz. 13½ lbs. ..... per dozen **$1.60**

No. 218—Boys', white ash, plain finish, length 30 in., w't per doz. 12¾ lbs. ..... per dozen **$0.80**

NO. 218, THREE DOZEN; BALANCE, ONE DOZEN IN A CRATE.

"REV-O-NOC" CATCHERS' MITTS.

NEW FEATURES ON OUR "REV-O-NOC" CATCHERS' MITTS.

New Buckle Protector—A new arrangement, made of leather to which a piece of felt is sewed. It rests on the back of the hand directly under the buckle of the mitt. This new buckle protector is on all mitts except the following numbers, B11, 304, 33, B12, 34, 32, 36 and 303.

Patented Thumb Laced Arrangement—An extra piece of leather sewed on the strip of the mitt between thumb and palm portion. Eyelets are inserted through the strip of this extra piece of leather and a lacing cord is laced forward and backward through these eyelets. This turns the palm of the glove to the body of the mitt and prevents the thumb of the catcher from being bent forward and also forms a strong, substantial and permanent means of holding the thumb of the glove to the body of the mitt, producing a natural deep pocket. On all mitts in our line.

Internal Edge Stiffener—A heavy flexible fibre board which is attached to the edge strip of the mitt by means of rivets. This protects the ends of the fingers when the player scoops the ball from the ground and the flexibility of the strip is such that the mitt resumes its natural round shape when contact with the ground is removed. This feature is on all catchers' mitts except the following numbers, 11, 33, 303, 34, 304, 35, 32, 307 and 36.

Modeled Patterns—All mitts on this page (except No. A6) are of the popular Modeled Pattern. This form of construction gives a palm entirely of one piece, and is rounded artistically, doing away entirely with an abrupt edge, and thus strengthening and beautifying the mitt.

Front View.

This mitt is the celebrated deep pocket shaped pattern now so popular with all catchers' in the big leagues, will hold its shape as long as it lasts and will last as long, if not longer, than any other catchers' mitt made.

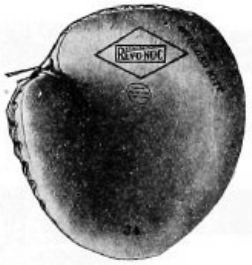
No expense has been spared in manufacturing to make this the best mitt on the market.

Back View.

Full Leather Laced.

No. A7 REV-O-NOC—Rounded model pattern, highest quality selected calfskin, padded with best asbestos felt, hand formed and sewed, deep pocket formed to receive and hold the ball, full leather laced, strap buckle with patent buckle guard to protect the wrist, finished in the most careful manner, per dozen..... $117.00

ONE IN A BOX.

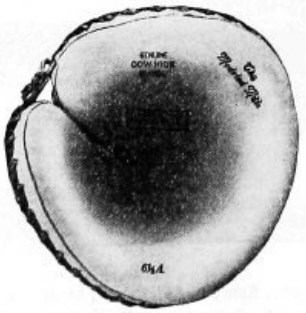


Full Leather Laced.

No. A3 REV-O-NOC—Rounded model pattern, finest quality French imported calfskin, light tan color, best asbestos felt padding, deep pocket formed to receive and hold the ball, strap and buckle with patent buckle guard to protect the wrist.....per dozen $108.00

Every detail in the manufacture of this mitt is given minute and expert attention.

ONE IN A BOX.



Full Leather Laced.

No. A6½ REV-O-NOC—Rounded model, selected pearl colored cowhide, grained, hand sewed and padded with best asbestos felt, can be adjusted to any desired form, deep pocket, requires no breaking in, full leather edge, strap and buckle at wrist with patent buckle protector.....per dozen $78.00

Looks and feels like an $8.00 professional mitt.

ONE IN A BOX.

Full Leather Laced.

No. A6 REV-O-NOC—PROFESSIONAL, palm or face of finest velvet buckskin, side strip, back and fingers of best selected olive calfskin, padded with best asbestos felt, deep pocket, strap and buckle with patent buckle guard to protect wrist.....per dozen $76.00

A very nobby, well finished, attractively made mitt and has always been one of the most popular in our line.

ONE IN A BOX.

Full Leather Laced.

No. A8½ REV-O-NOC—Rounded model pattern, black calfskin palm, back and fingers of black sheepskin, hand stuffed and hand moulded pad, formed in such a manner as to produce a natural deep pocket, pad can be adjusted to any desired form, strap and buckle at wrist with buckle protector, per dozen..... $54.00

The rich tan color of the leather lace edge and welt against the black calfskin makes a very handsome mitt.

ONE IN A BOX.

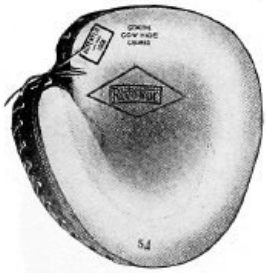
"REV-O-NOC" CATCHERS' MITTS.

Full Leather Laced.

No. A9½ REVONOC—Regular pattern, palm of black oil dogskin, fingers of black sheepskin, double strip, lacing in center, hand sewed and stuffed, moulded pad, formed in such a manner as to produce a natural deep pocket, strap and buckle at wrist with patent buckle protector.....per dozen $49.00

A strikingly attractive mitt in black and white.

ONE IN A BOX.



Full Tape Laced.

No. A5 REVONOC—League pattern, palm or face of good quality drab cowhide, fingers, top and side strip of red kid leather, patent thumb web, double sewed throughout, well padded and moulded, patent buckle guard to protect wrist.....per dozen $40.00

Very attractive in appearance, and extra well made in every detail, a very popular mitt in both big and minor leagues.

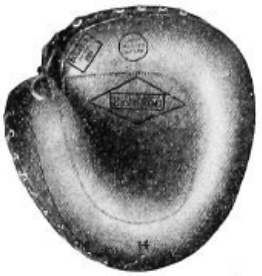
ONE IN A BOX.

Full Tape Laced.

No. A12½ REVONOC—Amateur size, palm of oil tan dogskin, double strip lacing in center, hand sewed and hand stuffed pad, formed in such a manner as to produce a natural deep pocket, strap and buckle at wrist with patent buckle protector.....per dozen $36.00

A businesslike mitt in appearance and build.

ONE IN A BOX.

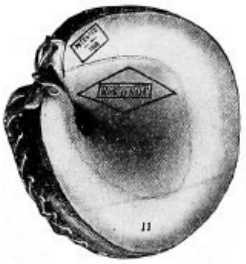


Full Tape Laced.

No. 14 REVONOC—League size, palm or face of selected olive colored calfskin, balance of finest selected sage-green stock, deep pocket, well padded and moulded, internal edge stiffener, double sewed throughout, patent buckle guard to protect wrist, per dozen..... $40.00

A well made mitt in every particular.

ONE IN A BOX.



Full Tape Laced.

No. 11 REVONOC—Professional size, drab asbestos buckskin palm and back, wine colored fingers and side strip, good padding, double palm, patent buckle guard to protect wrist, per dozen..... $24.00

A mitt without a fault, very popular in style and price.

ONE IN A BOX.

Full Tape Laced.

No. B10 REVONOC—Professional size, black cordovan leather, deep pocket, double palm, well padded, patent buckle guard to protect wrist .....per dozen $24.00

A Black Beauty, attractive and durable, one of our best sellers for years.

ONE IN A BOX.

Full Tape Laced.

No. 307 REVONOC—Heavy smoked sheepskin palm, back, fingers and side strip of Benton tan kid, deep pocket, patent thumb web, strap and buckle at wrist.....per dozen $22.50

A very popular mitt because of its size and pattern.

ONE IN A BOX.

Full Tape Laced.

No. 306½ REVONOC—League size, drab asbestos buckskin palm and back, olive green leather strip and fingers, full leather edge, strap and buckle at wrist.....per dozen $20.00

Made and finished in a substantial and satisfactory manner. A low priced mitt with a high priced finish and shape.

ONE IN A BOX.

Full Tape Laced.

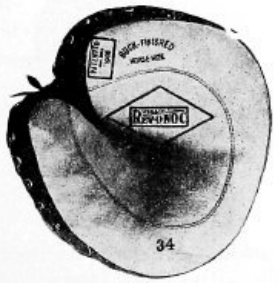
No. 35 REVONOC—Good quality black sheep skin, reinforced palm edges, double stitched, well padded, deep pocket, double palm, patent buckle guard to protect wrist .....per dozen $16.00

An exceptionally good value, carefully made, and of a design that has always been popular.

ONE IN A BOX.

"REV-O-NOC" CATCHERS' AND BASEMEN'S MITTS.

CATCHERS'.



Full Tape Laced.

No. 34 REV-O-NOC—Buck finished horsehide palm, back, fingers, and side strip of wine colored kid, well padded and formed, double palm, deep pocket, strap and buckle at wrist.....per dozen $16.00

A well made, attractive and substantial mitt.

ONE IN A BOX.

No. 304 REV-O-NOC—Palm or face of black sheepskin, fingers, back and side strip tan stock, patent thumb lace attachment, with heel .....per dozen $13.00

Liberal in size, carefully and substantially made, a winner with the young men.

ONE IN A BOX.

Full Tape Laced.

No. 33 REV-O-NOC—Buck-finished horsehide, deep pocket, patent thumb lace, with cord at wrist .....per dozen $9.00

A full size boy's mitt, well shaped and finished. To our knowledge, nothing similar in a laced mitt for boys has ever been offered.

ONE-THIRD DOZEN IN A BOX.

CATCHERS'.

No. 32 REV-O-NOC—Buck-finished horsehide, well padded and strongly sewed, deep pocket.....per dozen $8.00

An excellent, well made mitt that has always given entire satisfaction.

ONE-THIRD DOZEN IN A BOX.

No. 303 REV-O-NOC—Palm or face made of buck-finished horsehide, extra heavy canvas back, edge bound all around, lace thumb, deep pocket...per dozen $9.00

Well made, nicely finished, a very attractive and popular mitt.

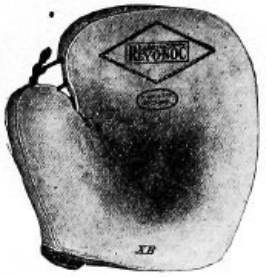
ONE-THIRD DOZEN IN A BOX.

No. 36 REV-O-NOC—Palm and fingers of buck-finished horsehide, back of heavy canvas, improved deep pocket..per dozen $4.00

This is a special value and we believe is not duplicated in any other line at the price.

HALF DOZEN IN A BOX.

BASEMEN'S.



Full Leather Laced.

No. XB REV-O-NOC—Professional league model, finest drab velvet tan buckskin, padded with select quality asbestos felt, can be adjusted at any time, deep pocket, strap and button at wrist, per dozen..... $59.00

A mitt that is used in some of the big leagues, requires no "breaking in," and the special flexible padding makes the mitt very soft and pliable, and enables the player to handle ball with perfect ease, made of the very best materials and in the best possible manner.

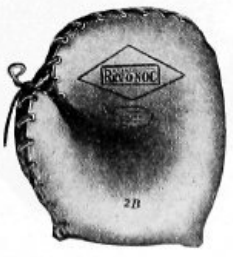
ONE IN A BOX.

Full Leather Laced.

No. OBA REV-O-NOC—Special league pattern, highest grade tan colored calfskin, padded with the best asbestos felt, strongly sewed, deep pocket, strap and button at wrist.....per dozen $54.00

A strong, well made and substantial mitt used by many of the leading professional basemen.

ONE IN A BOX.



Full Tape Laced.

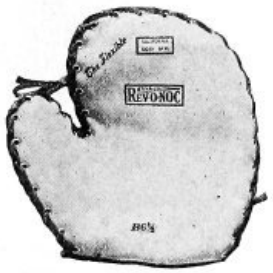
No. B2 REV-O-NOC—Professional pattern, palm of the finest fire proof calfskin, balance of selected stock, with special felt padding, deep pocket strap and buckle at wrist.....per dozen $34.00

The best materials and workmanship make this a most popular mitt.

ONE IN A BOX.

"REV-O-NOC" BASEBALL MITTS AND GLOVES.

BASEMEN'S MITTS.

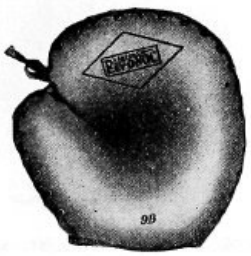


Full Tape Laced.

No. B6½ REVONOC—Professional pattern, California deerskin palm, balance of Benton tanned kid, flexible, special felt padding, strap and button at wrist.....per dozen $24.00

The kind of mitt that appeals especially to the "born ball-player."

ONE IN A BOX



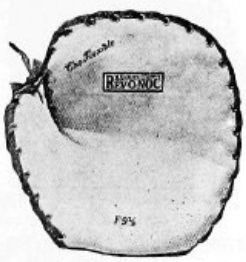
Full Tape Laced.

No. B9 REVONOC—Professional pattern, drab asbestos buck palm, balance of tan colored kid, deep pocket, strap and buckle at wrist.....per dozen $17.00

Well made and finished. A mitt that will give absolute satisfaction.

ONE IN A BOX.

FIELDERS' MITTS.



Full Tape Laced.

No. F9½ REVONOC—Drab asbestos buckskin palm, balance of selected tan sheepskin, with special felt padding, strap and button at wrist..per dozen $20.00

A little beauty, designed to please the most critical.

ONE IN A BOX.

FIELDERS' MITTS.

No. BL7 REVONOC—Selected black kid leather, a youth's size mitt, very flexible, with strap and buckle at wrist, per dozen..... $14.50

A very flexible and substantially made mitt one that is sure to merit the attention of every player desiring a serviceable mitt.

ONE IN A BOX.

No. B12 REVONOC—Buck-finished horsehide, deep pocket, with cord at wrist, per dozen..... $8.00

Well made and nicely finished, always popular with the younger players.

ONE IN A BOX.

No. B11 REVONOC—Buck-finished horsehide, deep pocket, well finished, with cord at wrist .....per dozen $4.25

ONE DOZEN IN A BOX.

FIELDERS' GLOVES.

No. 90½ REVONOC—Drab velvet tan buckskin, cut from the best part of the hide, full leather welts, lined with wine colored goat leather, natural deep pocket, padding arranged in such a manner around edge and little finger so that the ball sticks,.....per dozen $49.50

This is our most practical and desirable professional glove.

No. 91½ REVONOC—Black calfskin, full leather welts, lined throughout with black sheepskin, special felt padding strap and button at wrist..per dozen $45.00

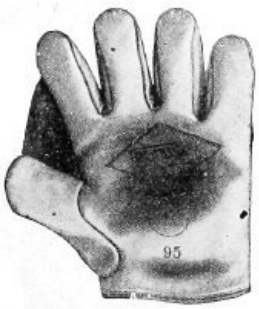
A very desirable and practical glove for professional use.

No. 94 REVONOC—Professional, most carefully selected smoked horsehide, extra heavily padded around palm and little finger, full leather welts, lined throughout with the highest quality felt, web thumb, with patent buckle guard to protect wrist .....per dozen $52.75

This glove represents the highest possible degree of workmanship and material, and is recognized for its superior excellence by many of the best players in the country.

ONE IN A BOX.

"REV-O-NOC" FIELDERS' GLOVES.



No. 95 REV-O-NOC — Professional model, tan colored palm and back, lined throughout with tan kid, padded with good quality felt, web thumb, welted seams, patent buckle guard to protect wrist, well finished in every detail.....per dozen $45.00

A most popular glove, built along lines that make it a good, serviceable article.

ONE IN A BOX.

No. 93 REV-O-NOC — Special league pattern, selected drab asbestos buckskin, full leather welts, leather lined, web thumb, padded in best possible manner, strap and button at wrist.....per dozen $40.00

Finish, material, workmanship and price make this glove a winner.

ONE IN A BOX.

No. 92 REV-O-NOC—Professional model, selected California deerskin with a tan colored velvet finish, padded throughout with selected felt, large little finger, special flexible pocket, leather welted seams and thumb web, strap and button at wrist.....per dozen $37.50

A beauty in shape, style and color, one that has always proved a ready seller.

ONE IN A BOX.

No. 89½ REV-O-NOC—Professional model, selected tan color kid leather, padded with good grade of felt, lined throughout with leather, thumb web, per dozen $28.00

Made and finished in the best manner on a professional model.

ONE IN A BOX.

No. 96 REV-O-NOC—League model, selected smoked horsehide, leather lined and leather welted seams, web thumb, natural flexible pocket, heavily ridged heel, well sewed with strap and button at wrist.....per dozen $31.50

The shapely lines of this glove create for it an immense demand each season.

ONE IN A BOX.

No. 196 REV-O-NOC—League model, black horsehide, pearl colored, leather lined, leather welted seams and thumb web, padded with the finest quality felt, with strap and buckle at wrist, per dozen..... $33.60

A beauty, substantial, well made and professional in fit and action.

ONE IN A BOX.

No. 87 REV-O-NOC—Drab asbestos buckskin, well padded with a good quality of felt, thumb web, deep pocket, with strap and button at wrist..per dozen $24.00

This is a large glove and is made in a careful and thorough manner, perfect in shape and eminently durable.

ONE IN A BOX.

No. 182 REV-O-NOC—League model, smoked Indian tan buckskin, full leather welts on all seams, special deep pocket, well padded around little finger, web thumb, with strap and button at wrist, per dozen..... $24.00

One of our most popular values, neat and attractive in appearance, strong and durable, wearing qualities warranted.

ONE IN A BOX.

No. B180 REV-O-NOC—League model in black kid, welted seams, thumb web, well padded around little finger with a special grade of felt, leather palm lining, with strap and button at wrist, per dozen..... $20.00

Another of the black beauties, very soft and flexible, a very popular glove.

ONE IN A BOX.

FIELDERS' GLOVES.

"REV-O-NOC."

No. 82 REVONOC—League pattern, made entirely of selected drab asbestos buckskin, leather lined palm, padded with a special grade of felt, leather palm lining, well sewed throughout, with strap and button at wrist..per dozen $16.80

A better value for the money has never before been offered, perfect in every detail.

ONE IN A BOX.

"REV-O-NOC."

No. 185 REVONOC — Black with white leather welted seams, thumb web, bound in black with red stitching, strap and buckle at wrist...per dozen $16.00

The striking contrast between the white welts and the black material makes this glove a winner everywhere.

ONE IN A BOX.

"REV-O-NOC."

No. 85 REVONOC—Special model, made of selected drab asbestos buckskin, leather lined and padded with an extra quality of felt, leather palm lining, thumb web, natural deep pocket, strap and button at wrist .....per dozen $15.80

In style and finish this is a professional article.

ONE IN A BOX.

"REV-O-NOC."

No. 84 REVONOC—Amateur model, palm of tan leather, balance of selected tan colored kid leather, full felt lined, thumb web, natural flexible pocket, strap and button at wrist..per dozen $12.00

A glove that appeals to all ball players.

ONE IN A BOX.

"REV-O-NOC."

No. 60 REVONOC — Made of finest smoked Indian tan buckskin, leather lined, padded in a substantial manner, thumb web, deep pocket, with strap and button at wrist.....per dozen $8.00

Made and finished with special care and attention.

ONE IN A BOX.

"REV-O-NOC."

No. 163 REVONOC — Youths' size, made entirely of black sheepskin, with white welted seams, thumb web, inside ridged heel, well padded, with strap and buckle at wrist..... per dozen $3.00

This is built on the lines of the high priced professional gloves, great value.

ONE IN A BOX.

"REV-O-NOC."

No. 64 REVONOC — Full size, made entirely of selected drab asbestos buckskin, thumb web, deep pocket, well padded, with strap and button at wrist, per dozen..... $8.00

A popular full size glove, and a ready seller.

SIX IN A BOX.

No. 56—Boys' model, made entirely of drab asbestos buckskin, thumb web, well sewed and nicely finished, ridged heel, strap and button at wrist, per dozen..... $4.50

Well made and nicely finished, a glove that will last.

ONE DOZEN IN A BOX.

No. B122—Boys' size, made of calf napa green stock, improved thumb web, padded with good felt, with strap and button at wrist..... .....per dozen $4.00

A liberal sized boys' glove.

ONE DOZEN IN A BOX.

Send for a complete set of our "Rev-o-noc" and "Cruso" BASE BALL UNIFORM SAMPLES and be ready to take orders for these very profitable goods at any time. With the samples we send MEASUREMENT BLANKS and DEALERS' NET PRICE-LIST. Each uniform put up complete in a separate box, with player's name attached. It pays to GO AFTER this business early!

REACH BASE BALLS, MITTS AND GLOVES.

BASE BALLS.

Horse Hide Cover, Regulation Size and Weight, Para Rubber Center, All Wool Yarn.

No. 0—American League, official for all leagues.....per dozen $24.00

No. 1—American Association, adopted by the American Association, per dozen..... 24.00

No. 1L—Official Association League, made according to League regulations, per dozen..... 18.00

No. 3C—League, made according to league regulations.....per dozen 16.00

Each of the above balls is guaranteed to last a full nine inning game.

ONE IN A BOX, WRAPPED IN TIN FOIL; ONE DOZEN IN A CARTON.

Horse Hide Cover, Good Quality Material, Regulation Size and Weight.

No. 4A—Professional .....per dozen $13.50

No. 7—Bounding Rock ..... " 8.00

No. 8—Cock of the Walk .. " 4.00

No. 9—Junior League, horse hide cover, junior size and weight per dozen 4.00

ONE IN A BOX; ONE DOZEN IN A CARTON.

Waterproof Cover, Right Size and Weight.

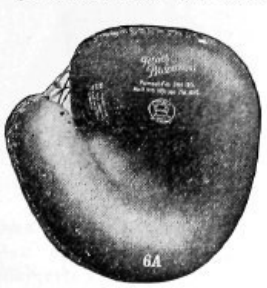
No. 9A—Sky Rocket, boys' practice ball.....per dozen $2.50

No. 11—Champion, slightly below regulation size.....per dozen 1.60

No. 12—Bounder, 8 in. size..per dozen .80

NO. 9A, ONE; BALANCE, ONE DOZEN IN A BOX.

CATCHERS' MITTS.



No. 6AR—Brown calfskin, full laced, best asbestos padding, deep pocket, strap and buckle at wrist..per dozen $132.00

No. 7AR—Black calfskin, otherwise same as No. 6AR.....per dozen 132.00

ONE IN A BOX.

CATCHERS' MITTS.

No. 2AR—Face and back brown calfskin, strip and fingers olive calfskin, full laced.....per dozen $102.00

No. 30—Face and fingers of drab buckskin, strip and back brown calfskin, half laced.....per dozen 66.00

No. BP—Face and fingers of brown buckskin, strip and back of pearl colored calfskin, full laced..per dozen 48.00

No. FP—Face, back and fingers drab finished calfskin, strip of olive tan stock.....per dozen 16.00

No. 150—Face of pearl colored calfskin, back, fingers and strip of craven tan stock.....per dozen 24.00

ONE IN A BOX.

No. 32R—Special, face and fingers of olive grain calfskin, back of ecru calfskin, full laced, deep pocket, strap and buckle at wrist.....per dozen $84.00

ONE IN A BOX.

No. GP—Youth's size, face and fingers craven tan stock, back and strip of drab finished calfskin.....per dozen $8.00

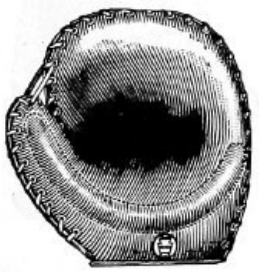
No. 65—Men's size, face, fingers, and back of drab finished calfskin, strip of olive tan stock.....per dozen 8.00

No. M—Youth's size, face, fingers and back of drab finish calfskin, strip of olive stock.....per dozen 4.00

All of the above mitts have laced thumb and deep pocket, and are double sewed and nicely finished.

NO. M, SIX; BALANCE THREE IN A BOX.

BASEMEN'S MITTS.

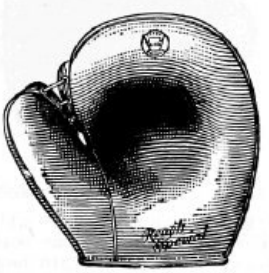


No. R—Face of heavy mouse colored buckskin, back and lining of brown tan stock, full laced, deep pocket, strap and buckle at wrist..per dozen $32.40

No. 3R—Face of craven tan leather, back and lining of buck dressed brown calfskin, strap and buckle at wrist, per dozen..... 16.00

ONE IN A BOX.

FIELDERS' MITTS.



No. CF—Brown French calfskin, half laced, well padded, strap and buckle at wrist .....per dozen $48.00

ONE IN A BOX.

FIELDERS' GLOVES.

No. 0B—Drab buckskin, felt lined, and padded with best quality of asbestos felt.....per dozen $48.00

No. 01—Black calf skin, best asbestos felt padding, felt lined.....per dozen 48.00

ONE IN A BOX.

BASE BALL GLOVES, BATS AND BALLS.

REACH FIELDERS' GLOVES.

No. 00W—Made entirely of mouse colored buckskin, good felt padding, leather lined.....per dozen $42.00

No. 3G—Drab suede buck, best felt padding.....per dozen 25.20

ONE IN A BOX

No SW—Pearl colored calfskin, asbestos felt padding.....per dozen $32.40

No. 2G—Mouse colored calfskin, best felt padding.....per dozen 21.60

No. 11G—Drab finished calfskin, good felt padding.....per dozen 16.00

ONE IN A BOX.

All the above gloves have the Reach deep pocket, web thumb, inside hump, double stitching and welted seams.

REACH FIELDERS' GLOVES.

No. 9G—Brown tan leather, heavily padded with best felt, per dozen $24.00

ONE IN A BOX.

No. 10G—Brown tan leather, well padded, with good felt, leather lined, per dozen ..$16.00

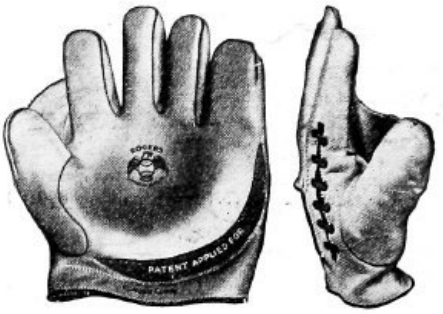
ONE IN A BOX.

No. 54—Men's, drab finished calfskin, well padded.....per dozen $12.00
No. 12G—Boys', brown suede calfskin, good felt padding.....per dozen 8.00
No. 18—Men's, drab finished buckskin, felt padding.....per dozen 8.00
No. 24—Boys', drab finished buckskin, good padding.....per dozen 4.00

NO. 54, ONE; NOS. 12G AND 24, SIX; AND NO. 18, THREE IN A BOX.

All of the above gloves have the Reach deep pocket, web thumb, inside hump and are well finished.

ROGERS' PATENT POCKET GLOVES.



No. 68—Black leather, tan welt, full leather lined and leather bound at wrist, web thumb, strap and button at wrist.....per dozen $27.00

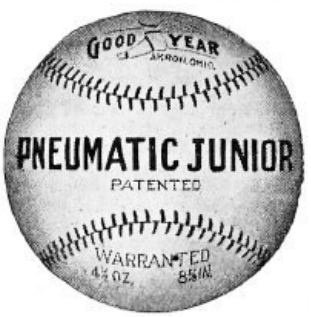
No. 8—Pearl asbestos buckskin, tan leather welt, full leather lined and leather bound at wrist, web thumb, strap and button.....per dozen 48.00

These gloves represent the realization of what all ball players have sought—a glove with a built up pad and a lacing feature to permit the adjustment of the padding at will.

ONE IN A BOX.

PNEUMATIC BASE BALLS.

U. S. League, pneumatic, horse hide, regulation size 5 oz., 9 in., hand sewed by men, guaranteed for 9 full innings, inner wall of gelatine composition, compressed air center, each ball wrapped in tin foil and each in a separate sealed box .....per dozen $10.00



Junior, pneumatic, made exactly like the regulation but slightly smaller, per dozen..... $9.00

ONE DOZEN IN A CARTON.

REACH BASE BALL BATS.

No. 5/0—Second growth white ash, air dried, hand turned, taped handle, well balanced and finished, w't per doz. 30 lbs.....per dozen $16.00
No. 3/0—Second growth white ash, hand turned, burnt finish, taped handle, w't per doz. 29 lbs.....per dozen 12.00
No. 1/0—Second growth white ash, golden finish, taped handle, w't per doz. 29½ lbs., per dozen..... 10.00

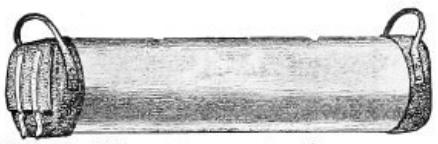
No. 82—Men's, good quality ash, special green tinted finish, well balanced, w't per doz. 26 lbs.....per dozen $4.00
No. 83B—Boys', good quality ash, burnt finish, well finished and balanced, w't per doz. 22 lbs.....per dozen 4.00

No. 87—Boys', polished ash, green finish, black and red band around center, w't per doz. 17 lbs.....per dozen $1.60

WRITE FOR SPECIAL CATALOGUE AND PRICE LIST ON REACH GOODS.

BASE BALL SUNDRIES.

BAT BAGS.

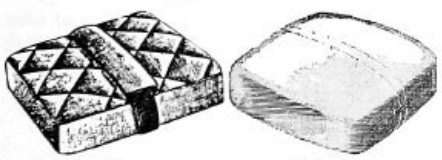


No. 12—Club pattern, extra heavy brown waterproof canvas, solid leather ends, folded top cover, double strap fasteners, will hold twelve bats, w't per doz. 24 lbs.....per dozen $60.00

No. 22—Individual, extra heavy solid leather, rounded handles, will hold two bats, w't per doz. 10 lbs., per dozen..... $64.00

No. 2—Individual, extra heavy brown waterproof canvas, leather ends, rounded handles, will hold two bats, w't per doz. 6 lbs.....per dozen 20.50

BASES.



No. 24. No. 34.

Complete with Straps and Spikes.

No. 24—Heavy canvas, quilted, w't per set 15 lbs.....per set (3) $7.50

No. 34—Heavy canvas, not quilted, w't per set 13 lbs.....per set (3) 4.80

BASE BALL SHOES.

"REV-O-NOC."

No. 15 REVONOC—Kangaroo leather, good quality, serviceable and durable, complete with steel plates, w't 1½ lbs., per pair..... $3.90

No. 17 REVONOC—Best kangaroo leather, chrome tanned, very substantially constructed, and a first class shoe in every particular, complete with long reinforced steel spikes and steel plates, w't 1½ lbs.....per pair 5.00

No. 19 REVONOC—SPRINTING, specially selected velour calf leather, very best workmanship, perfect in every detail, long reinforced steel spikes, complete with steel plates, a new departure in base ball shoes, w't 1¼ lbs....per pair 6.70

All "Rev-o-noc" shoes fully guaranteed.

ONE PAIR IN A BOX

TOE PLATES.

Complete with Screws or Rivets.

No. 10—Professional, best quality steel, per dozen pairs..... $3.20

No. 11—Fine quality blued rolled steel, per dozen pairs..... 2.20

No. 12—Amateur, good quality steel, per dozen pairs..... 1.10

ONE DOZEN PAIRS IN A BOX.

PITCHERS' TOE PLATES.

Complete with Screws or Rivets.

No. 5—Aluminum, right or left..per dozen $2.50

No. 4—Brass, right or left..... " 2.50

Specify for right or left shoe when ordering pitchers' toe plates.

HEEL PLATES.

Complete with Screws, or Rivets.

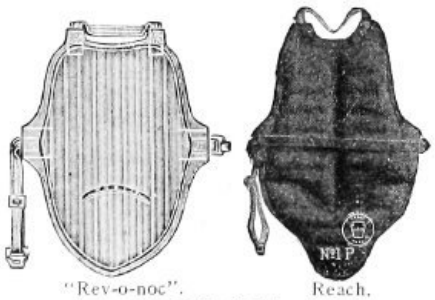
No. H10—Professional, best quality steel, per dozen pairs..... $3.20

No. H11—Fine quality blued rolled steel, per dozen pairs..... 2.20

No. H12—Amateur, good quality steel, per dozen pairs..... 1.10

ONE DOZEN PAIRS IN A BOX.

BODY PROTECTORS.



"Rev-o-noc". Reach.

"REV-O-NOC."

No. 4 REVONOC—League pattern, regulation size, best quality rubber cloth, air chambers, so constructed as not to interfere with the movements of the wearer, light and absolute protection to the body.....each $7.00

No. 5 REVONOC—Amateur pattern, regulation size, best quality rubber cloth, air chambers.....each 6.00

REACH.

No. 1P —Men's league, extra strong guaranteed material, best quality rubber, inflated with air, light and pliable, so constructed as not to interfere with the movements of wearer.....each $7.50

No. 1AP—Men's amateur, best quality rubber, inflated with air, absolute protection to body.....each 6.00

No. 2AP—Men's special, guaranteed material, when not in use can be rolled in small space by letting out air....each 4.50

No. 1BP—Boys' amateur, extra strong, inflated with air.....each 3.00

WRIST SUPPORTERS.

No. 100—Domestic, russet leather, single strap and buckle.....per dozen $2.20

No. 102—Domestic, russet leather, double strap and buckle.....per dozen 3.60

ONE DOZEN IN A BOX.

WRIST BANDS.

Two straps lace over and under rings and half hitch and cinch in the ring while adjusting. Equally useful for heavy or athletic work.

No. 84G—Pliable leather, assorted colors, yellow, brown, lemon, cream, green, pearl and black, width 4 in..per dozen $5.30

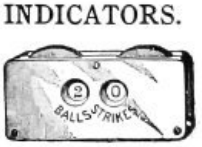
ANKLE SUPPORTERS.

No. 300—Sheepskin, a perfect support for the ankle.....per dozen pairs $ 9.60

No. 200—Soft tanned calfskin leather, otherwise same as No. 300, per dozen pairs..... 10.50

ONE PAIR IN A BOX.

TABLETS AND INDICATORS.



No. 95. No. 46.

No. 95—REACH, scoring tablets, celluloid, an accurate device for the record of runs and outs, a handy size for the vest pocket.....per dozen $4.00

No. 46—REACH, umpires indicators, celluloid, for the use of umpires and scorers, to keep tally of strikes and balls, highly recommended..per dozen 8.00

REACH SCORE BOOKS.

No. 1SB—Pocket size, paper cover, 7 games.....per dozen $1.44

No. 2SB—Pocket size, cloth cover, 22 games.....per dozen 3.60

No. 3SB—Pocket size, cloth cover, 50 games.....per dozen 7.20

No. 4SB—Club size, cloth cover, 30 games.....per dozen 13.20

BATTING AND PITCHING GUIDES.

No. 14—REACH, batting.....per dozen $2.40

No. 24—REACH, curve pitching.. " 2.40

BASE BALL CLOTHING.

REV-O-NOC UNIFORMS.

Are made from the very best material obtainable in their respective grades and are especially woven for athletic purposes. The most desirable colors have been selected, which, combined with the high standard of workmanship, enables us to guarantee satisfaction.

Special attention is given to trimmings and other details in designing. Each uniform lettered with name of club.

In Ordering Uniforms State

Style shirt wanted, whether button or lace front.

Style pants wanted, whether plain or padded, elastic or tape bottom. Style cap wanted (see cuts.)

Stockings, color wanted. Sample color card and measurement blanks furnished on application.

Colors.

White, pearl blue, Yale gray, steel gray, black, maroon, navy blue, dark green.

Suits, Consisting of Pants, Shirt, Cap, Belt and Stockings.

"REV-O-NOC."

No. M8 REVONOC—Athletic flannel with handsome diagonal weave, pants full 8 oz., padded any style or plain drill lined; shirt full 8 oz., lace, button or open front; cap any color and any style; hose good quality worsted, any color to order; belt, web, leather lined.....per suit $24.50

This is an exceptionally well made and serviceable uniform.

No. N3 REVONOC—Genuine athletic flannel, diagonal weave, a serviceable and handsome pattern with stripes worked in; pants full 6 oz., any style or plain, drill lined; shirt, full 6 oz., lace, button or open front; cap any color and any style; hose, good quality worsted, any color or striped; belt web, leather lined, double stitched throughout, best of finish and workmanship, per suit..... 20.55

No. O3 REVONOC—Genuine athletic flannel, plain weave; pants, full 6 oz. padded any style or plain, drill lined; shirt, full 6 oz., lace, button or open front; cap any style and any color; hose, best worsted, any color or striped; belt web, leather lined, per suit 18.10

No. P3 REVONOC—A new light weight flannel with diagonal weave and makes a very good uniform; pants full 6 oz., padded any style or plain, drill lined; shirt, full 6 oz., lace, button or open front; cap, any style or color; hose, heavy wool, any color or striped; belt, two strap cotton.....per suit 15.00

No. R3 REVONOC—Diagonal weave; pants, any style, padded or plain, drill lined; shirt, button, lace or open front; cap, any style or color; hose, heavy wool, any color or striped; belt, two strap cotton; a suit well worth the money, per suit..... 13.45

No. S3 REVONOC—A very good but light flannel, diagonal weave, full 5 oz.; pants padded, any style or plain, drill lined; shirt, lace, button or open front; cap, any color and style; hose, heavy ribbed cotton in the following colors only: Black, navy, crimson, white, scarlet and royal blue, with one 4-inch stripe around calf; black with white stripe, navy with white stripe, crimson with white stripe, white with crimson stripe, scarlet with either navy or white stripe, black with orange stripe; belt, two strap cotton, any color, per suit..... 12.10

REV-O-NOC UNIFORMS.

No. T8 REVONOC—A very good heavy weight flannel, plain weave, full 7 oz., having the body necessary to make suit hold its shape, pants padded any style, or plain, drill lined; shirt, lace, button or open front; cap, any style and color; hose, heavy ribbed cotton, can be furnished in the following colors only: Black, navy, crimson, white, scarlet and royal blue, with one 4-inch stripe around calf; black with white or orange stripe, navy with white stripe, crimson with white stripe, white with crimson stripe, scarlet with navy or white stripe; belt, two strap cotton, any color.....per suit $12.00

No. U8 REVONOC—A good grade flannel, diagonal weave; pants quilted or plain, plain pants are lined with heavy drill unless otherwise ordered; shirt, lace, button or open front; cap any color and style; hose, heavy ribbed cotton, colors same as in No. T8; belt, one strap cotton, any color.....per suit 9.60

No. W8 REVONOC—A good grade heavy flannel, plain weave, pants padded, any style or plain, drill lined; shirt, lace, button or open front; cap, New York, Boston, Chicago and University styles only; hose, ribbed cotton, can be furnished in the following colors: Black, navy, white, scarlet and crimson, with one 4-inch stripe around calf, crimson with white stripe, scarlet with navy stripe, navy with white stripe, black with white or orange stripe, crimson with black stripe, royal blue with white stripe; belt cotton, one strap.....per suit 8.40

A very serviceable suit.

No. Y8 REVONOC—A light weight flannel, very serviceably made, in white, pearl, blue, steel gray, pearl gray, tan, maroon and dark blue; pants padded, any style or plain, lined; shirt, lace, button or open front; cap, New York, Boston, Chicago and University styles only; hose ribbed cotton, same colors as in No. W8 belt, adjustable buckle, per suit..... 7.00

No. Z8 REVONOC—A very serviceable light weight flannel, plain weave; pants any style, plain, lined with drill unless otherwise ordered; shirt, lace, button or open front; cap, New York, Boston, Chicago and University styles only; hose, ribbed cotton, in black, navy, white, scarlet and crimson only; belt, two inch cotton, one strap....per suit 5.16

No. 650—A light weight serviceable flannel, in gray only; pants, plain only, lined unless otherwise ordered; stock sizes, waist 30, 32, 34, 36; shirt button, front only, stock sizes, chest 36, 38, 40, 42; cap, New York, Boston, Chicago and University only; hose, heavy ribbed cotton, colors same as in No. W8; belt two inch cotton, adjustable buckle.....per suit 7.40

BOYS' UNIFORMS.

No. 44—JUVENILE, good quality denim, pants with elastic at knee, shirt button front, ages 8, 10, 12, 14.....per suit $1.60

Made in four color combination: Maroon with gray trimming, blue with white trimming, gray with maroon trimming, white with blue trimming. Shirt and pants are of one color, the collars, cuffs and peak of cap of another color.

ONE IN A BOX.

BASE BALL COATS.

"REV-O-NOC."

Single Breasted with Large Pearl Buttons, 4 in. Letter on Pocket.

No. UM8 REVONOC—Material same as No. M8 uniform.....each $15.00

No. UN8 REVONOC—Material same as No. N8 uniform.....each 12.76

No. UO8 REVONOC—Material same as No. O8 uniform.....each 12.00

No. UP8 REVONOC—Material same as No. P8 uniform.....each 10.50

No. UR8 REVONOC—Material same as No. R8 uniform.....each 9.38

No. US8 REVONOC—Material same as No. S8 uniform.....each 6.26

No. UT8 REVONOC—Material same as No. T8 uniform.....each 6.26

No. UV8 REVONOC—Material same as No. V8 uniform.....each 10.12

No. UW8 REVONOC—Material same as No. W8 uniform.....each 9.60

Double Breasted.

Norfolk.

"REV-O-NOC."

Double Breasted or Norfolk with Large Pearl Buttons, 4 in. Letter on Pocket.

No. UM88 REVONOC—Material same as No. M8 uniform.....each $16.50

No. UN88 REVONOC—Material same as No. N8 uniform.....each 14.26

No. UO88 REVONOC—Material same as No. O8 uniform.....each 13.50

No. UP88 REVONOC—Material same as No. P8 uniform.....each 12.00

No. UR88 REVONOC—Material same as No. R8 uniform.....each 10.88

No. US88 REVONOC—Material same as No. S8 uniform.....each 9.75

No. UT88 REVONOC—Material same as No. T8 uniform.....each 9.75

No. UV88 REVONOC—Material same as No. V8 uniform.....each 12.00

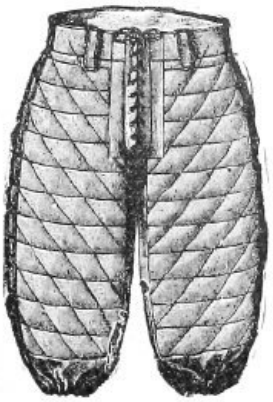
No. UW88 REVONOC—Material same as No. W8 uniform.....each 11.35

EXTRAS ON BASE BALL UNIFORMS.

Detachable Sleeves	extra, per pair	$0.40
Corded Seams on Pants	" "	.40
Corded Seams on Caps	" each	.30
Felt Letters on Caps	"	.14
Silk Letters on Caps	"	.70
Lettering, other than name of club, per letter		.08

BASE BALL CLOTHING.

BASE BALL PANTS.



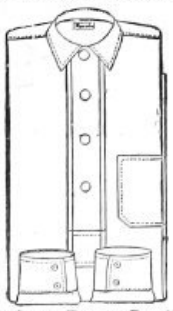
"REV-O-NOC."

Elastic or Tape Bottom, with or without Padding.

No. PM8 REVONOC—Same material as No. M8 uniform.....per pair $8.40
No. PN8 REVONOC—Same material as No. N8 uniform.....per pair 6.75
No. PO8 REVONOC—Same material as No. O8 uniform.....per pair 6.00
No. PP8 REVONOC—Same material as No. P8 uniform.....per pair 5.40
No. PR8 REVONOC—Same material as No. R8 uniform.....per pair 4.65
No. PS8 REVONOC—Same material as No. S8 uniform.....per pair 4.50
No. PT8 REVONOC—Same material as No. T8 uniform.....per pair 4.50
No. PV8 REVONOC—Same material as No. V8 uniform.....per pair 3.50
No. PW8 REVONOC—Same material as No. W8 uniform.....per pair 3.00
No PY8 REVONOC—Same material as No. Y8 uniform.....per pair 2.35
No. RZ8 REVONOC—Same material as No. Z8 uniform.....per pair 1.90
No. P650—Same material as No. 650 uniform.....per pair 2.70

Padded pants with elastic bottom will be sent unless otherwise specified.

BASE BALL SHIRTS.



Lace, Bottom or Open Front, Double Yoke and Collar.

No. SM8 REVONOC—Same material as No. M8 uniform.....each $11.00
No. SN8 REVONOC—Same material as No. N8 uniform.....each 9.00
No. SO8 REVONOC—Same material as No. O8 uniform.....each 7.40
No. SP8 REVONOC—Same material as No. S8 uniform.....each 6.45
No. SR8 REVONOC—Same material as No. R8 uniform.....each 6.00
No. SS8 REVONOC—Same material as No. S8 uniform.....each 5.40
No. ST8 REVONOC—Same material as No. T8 uniform.....each 5.30
No. SV8 REVONOC—Same material as No. V8 uniform.....each 3.90
No. SW8 REVONOC—Same material as No. W8 uniform.....each 3.50
No. SY8 REVONOC—Same material as No. Y8 uniform.....each 3.00
No. SZ8 REVONOC—Same material as No. Z8 uniform.....each 2.20
No. S650—Same material as No. 650 uniform.....each 3.10

UNIFORM BAGS.

No. 66 REVONOC—Genuine leather, per dozen.....$112.00
No. 65 REVONOC—Imitation leather, per dozen.....88.00
No. 64 REVONOC—Heavy brown waterproof canvas.....per dozen 40.00

Compartments for shoes, extra cloth curtains which prevent wrinkles, especially designed to roll, making a neat package and convenient to carry, complete with handle and straps.

BASE BALL STOCKINGS.

Plain Ribbed. Ribbed, with 4 inch striped calf.

Colors: White, Maroon, Scarlet, Navy Blue, Royal Blue, Green and Black.

No. 0 REVONOC—Extra heavy weight worsted.....per pair $2.00
No. 1 REVONOC—Heavy weight worsted, per pair.....1.90
No. 2 REVONOC—Regular weight worsted, per pair.....1.60
No. 3 REVONOC—Regular weight wool, per pair.....1.30
No. 4 REVONOC—Heavy weight cotton, all colors except green.....per pair .50
No. 5 REVONOC—Regular weight cotton, all colors except green or white....per pair .42

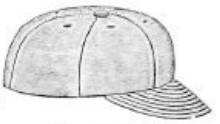
Nos. 0, 1, 2, 3 are made with white feet unless otherwise ordered.

Colors: Scarlet with Navy Blue Stripe, Navy Blue with White Stripe, White with Crimson Stripe, Crimson with White Stripe, Scarlet with White Stripe, Black with Orange Stripe. Any other combination of colors on all except No. 04.

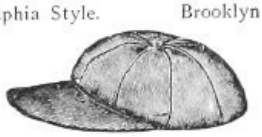
No. 00 REVONOC—Extra heavy weight worsted.....per pair $2.40
No. 01 REVONOC—Heavy weight worsted, per pair.....2.00
No. 02 REVONOC—Regular weight worsted, per pair.....1.60
No. 03 REVONOC—Regular weight wool, per pair.....1.30
No. 04 REVONOC—Regular weight cotton, per pair.....60

BASE BALL CAPS.

Philadelphia Style.



Brooklyn Style.



University Style.

Chicago Style.

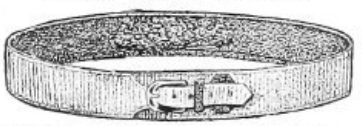
Boston Style.

Any Style, to Match Uniform.

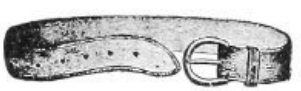
No. 0 REVONOC—Best quality all wool flannel, in any style.....each $1.70
No. 3 REVONOC—Heavy flannel, well made, in any style.....each 1.24
No. 7—"CRUSO," good quality flannel, in any style except Philadelphia or Brooklyn.....each .70
No. 9—"CRUSO," heavy flannelette, in any style except Philadelphia or Brooklyn, each.....42

When ordering, specify size, color and style.

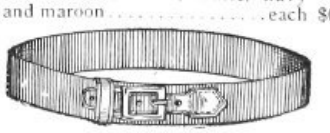
BASE BALL BELTS.



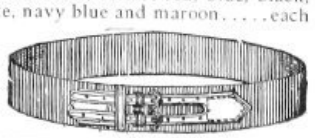
No. 00 REVONOC—Worsted web, 2½ in. wide, leather lined, nickel buckle, colors: red, blue black, white, navy blue and maroon.....each $1.16



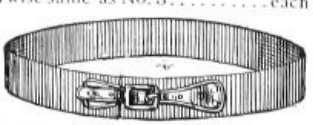
No. 6 REVONOC—Heavy solid leather, 1½ in. wide, nickel buckle, russet or black; colors: red, blue, black, white, navy blue and maroon.....each $0.84



No. 1 REVONOC—Worsted web, 2½ in. wide, single strap, large nickel plated buckle, leather chafes; colors: red, blue, black, white, navy blue and maroon.....each $0.70



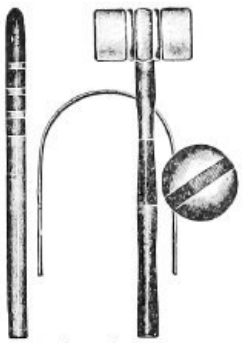
No. 3 REVONOC—Regulation web, 2½ in. wide, double strap, leather covered buckles; colors: red, blue, black, white, navy blue and maroon.....each $0.70
No. 5 REVONOC—Crystal plated buckles, otherwise same as No. 3.....each .42



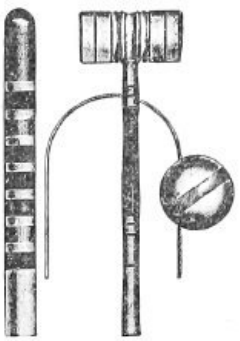
No. 7 REVONOC—Amateur web, 2½ in. wide, single strap, tinned buckle, round chafes; colors: red, blue, black, white, navy blue and maroon.....each $0.34

"CRUSO" AND "REV-O-NOC" CROQUET SETS.

"CRUSO."



Nos. 1 to 4.



No. 5.

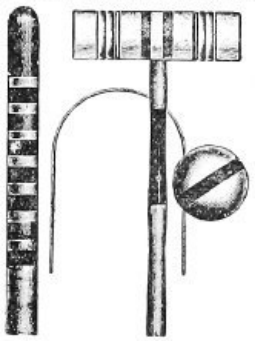
No. 1—"CRUSO," 4 ball set, 5 in. plain oiled mallets with 28 in. one color banded handles, one color banded varnished balls, plain one color stakes, coppered arches, w't per set 14 lbs...per set $0.96

No. 2—"CRUSO," 6 ball set, otherwise same as No. 1, w't per set 16 lbs.....per set 1.30

No. 3—"CRUSO," 8 ball set, otherwise same as No. 1, w't per set 19 lbs.....per set 1.56

No. 4—"CRUSO," 8 ball set, plain eight color stakes, otherwise same as No. 1, w't per set 19 lbs.....per set 1.88

No. 5—"CRUSO," 8 ball set, 5½ in. plain varnished mallets with 28 in two color banded and striped handles, heavy eight color stakes, coppered arches, one color banded varnished balls, w't per set 20 lbs.....per set 2.30

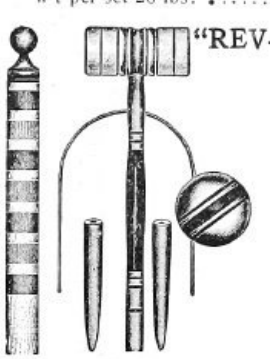


No. 9—"CRUSO," 4 ball professional set, 8½ in. plain varnished mallet with 28 in. one color banded handle, eight color stakes, one color banded and varnished balls, coppered arches, w't per set 21 lbs.....per set $2.00

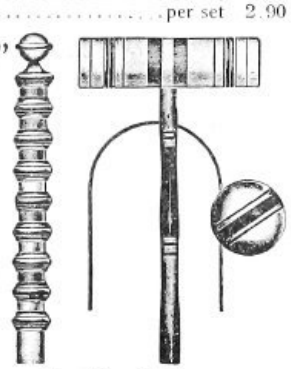
No. 8—"CRUSO," 6 ball professional set, otherwise same as No. 9, w't per set 23 lbs.....per set 2.50

No. 11—"CRUSO," 8 ball professional set, otherwise same as No. 9, w't per set 26 lbs.....per set 2.90

"REV-O-NOC."



No. 7.



Nos. 10 and 12.

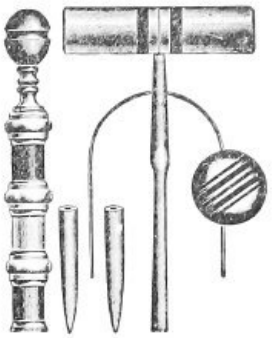
No. 7 REVONOC—8 ball set, 5½ in. striped and varnished mallets with 28 in. two color banded and striped handles, two color banded, striped and varnished balls, heavy eight color stakes, coppered arches with sockets, w't per set 25 lbs.....per set $2.80

No. 10 REVONOC—4 ball professional set, 8½ in. varnished and striped mallets with 27 in. maple handles, five striped and varnished balls, heavy beaded four color stakes, extra heavy galvanized arches with sockets, w't per set 22 lbs.....per set 3.30

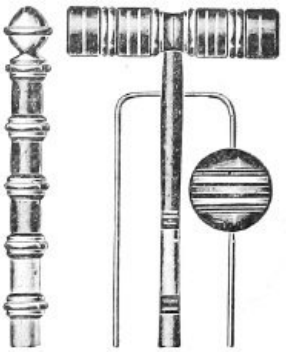
No. 12 REVONOC—4 ball professional set, 9 in. leather faced varnished mallets with 27 in maple handles, five striped and varnished balls, heavy beaded four color stakes, extra heavy galvanized arches with sockets, w't per set 22 lbs.....per set 4.00

ONE SET IN A FINISHED HINGED WOOD BOX.

"REV-O-NOC."



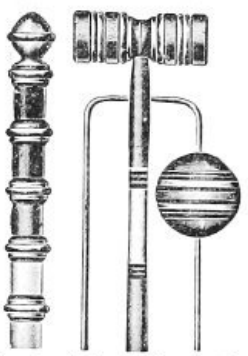
No. 14.



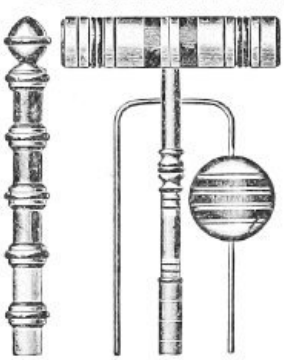
No. 15.

No. 14 REVONOC—4 ball professional set, 9 in. one color striped and varnished mallets with 27 in. varnished handles, two color fancy striped and banded balls, fancy large four color and gold stakes, extra heavy coppered arches with sockets, w't per set 20 lbs.....per set $3.50

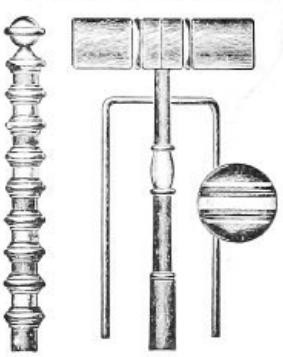
No. 15 REVONOC—4 ball professional set, 9 in. rock maple, hand turned, ebonized and bronzed mallets, ebonized and bronzed balls and 28 in. handles, two large beaded fancy striped and bronzed four color stakes, heavy galvanized arches with sockets, w't per set 2 lbs.....per set 4.30



No. 17 REVONOC—8 ball set, 6 in. rock maple, hand turned, ebonized and bronzed mallets, ebonized and bronzed balls and 28 in. handles, two large beaded fancy striped and bronzed eight color stakes, heavy galvanized arches with sockets, w't per set 28 lbs.....per set $4.50



No. 16.



No. 18.

No. 16 REVONOC—4 ball professional set, 8 in. rock maple, hand turned, lathe polished mallets, finished with white shellac, 24 in. handles, selected fancy striped balls, two large beaded four color stakes, heavy galvanized arches with sockets, w't per set 25 lbs.....per set $5.00

No. 18 REVONOC—8 ball set, made throughout of finest grade rock maple, with mahogany finish 8 in. mallets, 24 in. handles, striped balls, large handsomely beaded stakes, heavy galvanized arches with sockets, mahogany stained box, w't per set 35 lbs.....per set 11.50

ONE SET IN FINISHED HINGED WOOD BOX.

CROQUET BALLS.

No 4—Rock maple, varnished, with band, 8 colors.....per dozen $1.30

"REV-O-NOC" TENNIS RACKETS.

REV-O-NOC Rackets are the product of a manufacturer with 35 years experience in tennis racket manufacture.

The wood selected for frames is the choicest second growth ash, which, after thorough seasoning, is bent into frames and these frames are dried by special process. The stringing is done entirely by expert workmen and with the best gut obtainable.

We guarantee REV-O-NOC Rackets; any frame breaking and showing defective material or workmanship will entitle the owner to a new racket. This applies only to rackets weighing 13 oz. or more. All rackets to be sent in for our inspection, charges prepaid.

Tournament.

Expert.

Tournament—Large size handle, strung with extra quality gut, w't 13 to 14½ oz.....each $9.00

Its shape is a gracefully tapered oval. Cane shoulders add strength to the frame's inner sides near the wedge which reinforce the racket where strength is most needed.

Expert—Cedar handle, extra number of vertical strands through the center of the mesh, w't 13 to 14½ oz.....each $8.00

The extra stringing of gut through the center of the mesh, on the "Expert" rackets increases the driving power and durability.

Jackson Park.

Chicago.

Jackson Park—Combed handle, strung with oriental gut, oval shape, full size, w't 13 to 14½ oz.....each $6.00

This racket is especially recommended as an ideal ladies' racket. The frame is lightened by having all edges slightly rounded, the shape being a finely designed oval. Stringing is close center.

Chicago—Combed handle, strung with oriental gut, narrow oval frame, full size, w't 13 to 14½ oz.....each $5.00

This is the most remarkable value in a racket on the market for the price. Includes all the latest features, such as the narrow oval frame with close center stringing.

Calumet.

Cleveland.

Calumet—Combed handle, strung with oriental gut, full size, w't 12 to 13½ oz., each.....$3.10

The "Calumet" is one of the most popular rackets, bearing the "Rev-o-noc" brand. Strongly made, handsomely finished.

Cleveland—Combed handle, strung with extra quality gut, oval shape, w't 12 to 14 oz.....each $2.90

Duchess.

Vantage.

Duchess—Combed handle, strung with oriental gut, narrow oval shape, full size, w't 12 to 13½ oz.....each $7.00

This is a new racket combining an up-to-date narrow, oval frame, with a close strung center with round shaped handle.

Vantage—Large size handle, strung with extra quality gut, w't 13 to 14½ oz., each.....$7.50

The frame is bent on elongated oval with beveled sides and reinforced at shoulders with silk wrappings.

Riverside.

Washington Park.

Riverside—Combed handle tournament strung, with imported gut, w't 12 to 14½ oz.....each $4.50

Particular attention is given to the stringing. The finish is exceptional. The balance perfect.

Washington Park—Combed handle, strung with oriental gut, w't 12 to 14½ oz.....each $3.60

These are designed for a first-class racket at a moderate price.

Buckingham.

Sterling.

Buckingham—Cedar handle, strung with good quality gut, w't 12 to 13½ oz.each $2.70

Well made of first class materials.

Sterling—Cedar handle, strung with good gut, w't 12 to 14 oz.....each $2.20

A good racket for small beginners.

Cub—Cherry handle, well finished and strung, checkered, w't 11 to 13 oz.each $2.00

Well made and finished.

WHEN ORDERING TENNIS RACKETS ALWAYS GIVE THE WEIGHT.

WRIGHT & DITSON'S TENNIS RACKETS.

Wright & Ditson rackets weighing 13 oz. and over are guaranteed by the manufacturers for 30 days after date of purchase. Rackets on which claim of defect is made must be forwarded for inspection and all transportation charges paid by the sender.

Ward & Wright.

Sutton Star.

Ward & Wright—Style A, containing extra center strings, made in weights from 13 to 14½ oz., *in waterproof case*, each $12.00

This racket has been made according to instructions given by Beals C. Wright and Holcomb Ward, former champions of the United States.

It will stand restringing better than any other style racket. The frame is made of specially selected ash. The gut used in stringing is the best imported, noted for its life and driving qualities.

Sutton Star—Regular stringing, large handle, made in weights from 13 to 14½ oz., *in waterproof case* .....each $12.00

Two national championships have been won with this racket in recent years. It is tightly strung with the best quality of gut.

Sears.

Golden Gate.

Sears—Made in weights from 12½ to 14½ oz. .....each $7.00

The Sears racket is made in the latest model, and is strung with English gut and contains extra center strings.

Golden Gate—Made in weights from 12 to 13½ oz. .....each $5.50

This racket is of the same shape as the Sutton, the handle is a little smaller and the head narrower than regular rackets. Strung with good quality gut.

Columbia.

Park.

Columbia—Made in weights from 12½ to 14 oz. .....each $4.00

This racket is made after the latest models, and is strung with good gut, with the extra center strings.

Park—Made in weights from 12½ to 14½ oz. .....each $3.50

Well finished throughout, and is strung with good quality gut.

Pim.

Campbell.

Pim—Plain cedar handle, made in weights from 13 to 14½ oz., *in waterproof case*, each $12.00

The frame is made of lively ash, and is bound with light but strong tape near the throat, which does not interfere with the natural spring in the wood, and is strung with the very best English gut.

Campbell—Made in weights 13 to 14½ oz., each..... $7.00

The Campbell racket in its new shape is a great success. It is strung with English gut.

Champion.

Longwood.

Champion—Made in weights from 12½ to 14½ oz. .....each $5.60

The Champion racket is made in the new and popular Ward & Wright shape, and is strung with an excellent quality of white gut, and contains the extra center strings.

Longwood—Made in weights from 12½ to 14½ oz. .....each $4.80

This racket has for a long time been one of the most popular. It is strung with a good quality of gut.

Country Club.

Hub.

Country Club—Made in weights from 12 to 13½ oz. .....each $3.50

This is a new style racket, strung with good gut, containing extra center strings.

Hub—Made in weights from 12 to 13½ oz. each..... $2.80

The shape and finish of the Hub has made it a very popular racket.

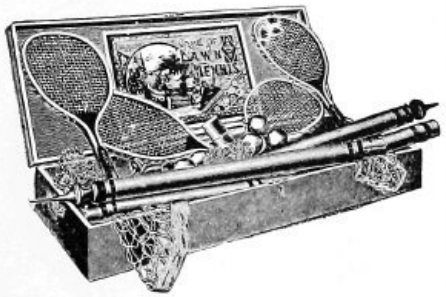
Surprise—Made in light and medium weights. .....each $2.00

Strung with good gut, a popular low priced racket. Same shape as the country club.

WHEN ORDERING TENNIS RACKETS, ALWAYS GIVE THE WEIGHT.

TENNIS SUNDRIES.

TENNIS SETS.



No. 3—2 Buckingham and 2 Sterling rackets, 1 net No. 109, 1 pair jointed poles No. 10, 4 Championship balls, 1 set guy ropes, runners and pegs No. 1, 1 mallet, 1 book of rules.....per set $18.00

No. 4—2 Calumet and 2 Washington Park rackets, 1 net No. 109, 1 pair jointed poles No. 11, 6 Championship balls, 1 set guy ropes, runners and pegs No. 2, 1 mallet, 1 book of rules, per set..... 27.00

No. 5—4 Riverside rackets, 1 net No. 110 canvas bound, 1 pair jointed poles No. 11, 12 Championship balls, 1 set guy ropes, runners and pegs No. 2, 1 mallet, 1 book of rules.....per set 37.00

ONE SET IN A NEAT WOOD BOX.

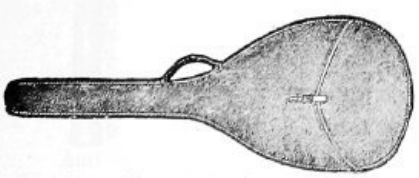
TENNIS BALLS.

"REV-O-NOC."

No. 5 REV-O-NOC—CHAMPIONSHIP, per dozen $8.00
No. 12—"CRUSO,"..... " 5.00
No. 1—WRIGHT & DITSON CLUB " 6.70
No. 3—WRIGHT & DITSON CHAMPIONSHIP.....per dozen 8.50
No. 9—GOODRICH'S CHAMPIONSHIP " 8.50

ONE DOZEN IN A BOX.

RACKET CASES.



No. 1—Green felt, well sewed and nicely finished.....per dozen $ 7.50
No. 3—Waterproof mackintosh, well made in every particular....per dozen 15.00

RUBBER RACKET HANDLES.

No. 10—Made of good quality corrugated rubber, for covering racket handle to secure better grip.....per dozen $3.50

RATCHET PRESSES.

No. 0—Hardwood frame, four thumb screws at corners....each $1.40

Players who want to preserve their rackets should always keep them in a press, when not in use.

TENNIS SHOES.

Champion, Canvas Uppers with Rubber Soles, Cemented, Black or White.

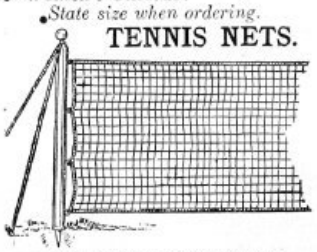
No. 75—Men's Balmorals, per dozen pairs $19.20
No. 85—Boy's Balmorals " 18.00
No. 95—Women's Balmorals " 18.00

Champion, Canvas Uppers with Rubber Soles, Cemented, Black or White.

No. 80—Men's Oxfords, per dozen pairs $16.00*
No. 90—Boys' Oxfords.. " 14.40
No. 100—Women's Oxfords. " 14.40

*State size when ordering.

TENNIS NETS.



White Cotton, Plain Bound.

No. 100—Single court, 27 ft., 12-thread per dozen $13.50
No. 106—Double court, 36 ft., 15-thread per dozen..... 19.20
No. 107—Double court, 36 ft., 21-thread per dozen..... 27.00
No. 109—Double court, 42-ft., 15-thread per dozen..... 22.00
No. 110—Double court, 42 ft., 21-thread per dozen..... 31.20

White Cotton, Canvas Bound.

No. 106CB—Double court, 36 ft., 15-thread .....per dozen $24.30
No. 107CB—Double court, 36 ft., 21-thread .....per dozen 32.00
No. 109CB—Double court, 42 ft., 15-thread .....per dozen 28.00
No. 110CB—Double court, 42 ft., 21-thread .....per dozen 38.00
No. 112DC—Double court, double center, 42 ft., 21-thread .....per dozen 76.00

Tarred, Canvas Bound.

No. 113DC—Double court, double center, hand made, waterproof, 42 ft., 21-thread .....per dozen $126.00

NET POLES.

No. 11.

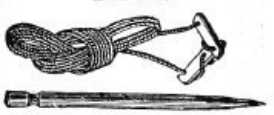
No. 10—Sectional hardwood, polished, with brass ferrules, 1¼ in. diameter, per dozen pairs..... $18.00
No. 11—Sectional, best polished, jointed, per dozen pairs..... 26.90
Lawn Tennis Guides.....per dozen 1.68

CENTER STRAPS.

No. 3-0.

No. 2-0—Canvas, new device for holding center of net at regulation height of 3 ft., superior to the iron, as it does not chafe the net or deflect the ball, per dozen..... $15.60
No. 3-0—Canvas, fitted with turn-buckle, height of net can be adjusted to a hair; superior to the iron, as it does not chafe the net or cause the ball to glance off or strike out of court, per dozen..... 21.60

GUY ROPES, RUNNERS AND PEGS.

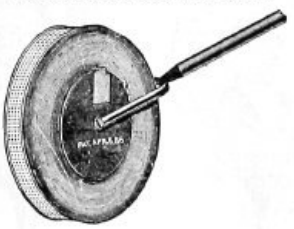


No. 1—Medium size cotton ropes, 4 plain pegs, 4 runners.....per dozen sets $8.00
No. 2—Large cotton ropes, 4 large polished maple pegs, 4 runners, per dozen sets..... 10.00

TENNIS CENTER IRONS.

No. 0—Regulation, galvanized iron, per dozen.....$11.50

COURT MARKERS.



No. 15—9 in. perforated cylinder wheel, per dozen..... $19.20

Put in any powdered material, such as marble dust, airslacked lime, plaster of Paris, or ground plaster, such as is used for fertilizing purposes. By sprinkling immediately after marking, or by marking at evening before the dew falls, the lime is rendered more permanent. Fill the wheel about two-thirds full, which is sufficient for once marking the court.

TENNIS TAPES.

Double Court.....per set $5.40
Extra Galvanized Staples....per hundred .80

These tapes are especially adapted for clay, cinder and grass courts. Being light and compact, they can be easily carried and set out almost anywhere in a very short time. They are made up into sets consisting of a sufficient number of strong pieces of webbing (mounted with brass at each intersecting point) for marking out a court correctly. The tapes are fastened to the ground by means of pins and staples, which accompany each set.

REV-O-NOC GOLF CLUBS.

REVONOC wood golf clubs are hand finished by professional golf club makers. The balance and material of these clubs are perfect. The heads are made of sawed or compressed dogwood and persimmon. The shafts are made of selected second-growth split hickory and Texas ash. No club leaves the factory until it has been carefully examined by an experienced player, and no wood is used until it has been thoroughly seasoned. We guarantee every REVONOC club to be perfect in material, finish and workmanship, and agree to replace all clubs that show defects.

The models for the "irons" were carefully selected by leading golf experts, and are perfect in shape, die and weight. Only the best mild steel is used. Being made in dies, the heads of each pattern are alike. In the heads the lines which give the sight are perfectly kept. The finish of the goods is unsurpassed by any now made. The striking surfaces of the heads are true. Many lines of hand forged heads have uneven surfaces. In this important feature the drop-forged heads are perfect, giving a true ball.

No. 522 REVONOC—Men's socket driver, right hand.....each $3.00

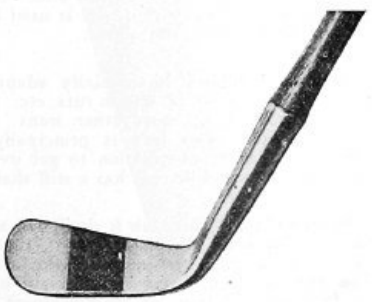
No. 532 REVONOC—Men's socket brassey, right hand.....each 3.00

No. 521 REVONOC—Men's socket driver, right and left hand.....each $3.00

No. 0521 REVONOC—Ladies' or boys' socket driver, right hand.....each 3.00

No. 531 REVONOC—Men's socket brassey, right and left hand.....each 3.00

No. 0531 REVONOC—Ladies' or boys' socket brassey, right and left hand.....each 3.00



No. 731 REVONOC—Men's driving cleek, short hose, right and left hand..each $2.70

No. 0741 REVONOC—Ladies' or boys' regular driving cleek, right hand.....each 2.70

No. 831 REVONOC—Men's grooved midiron, right and left hand.....each $2.70

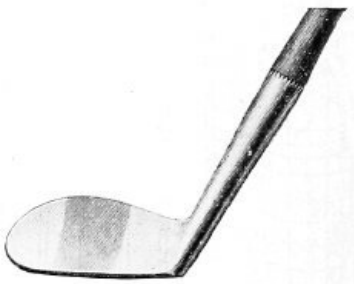
No. 0791 REVONOC—Ladies' or boys' grooved midiron, right hand.....each 2.70

No. 841 REVONOC—Men's genuine Taylor model lofting mashie, right and left hand.....each $2.70

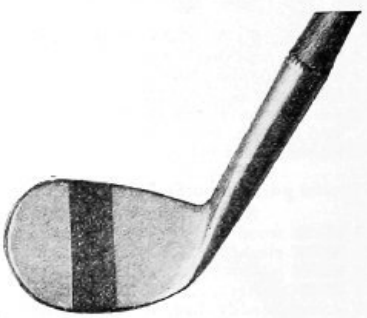
No. 0751 REVONOC—Ladies' or boys' genuine Taylor model lofting mashie, right hand.....each 2.70

No. 781 REVONOC—Men's genuine Taylor model lofting mashie, scored face, right hand.....each $2.70

No. 732 REVONOC—Men's driving mashie, right hand.....each $2.70



No. 733 REVONOC — Foulis mashie niblick, forged steel, men's right hand. each $3.00



No. 711 REVONOC — Men's niblick, right hand.....each $2.70

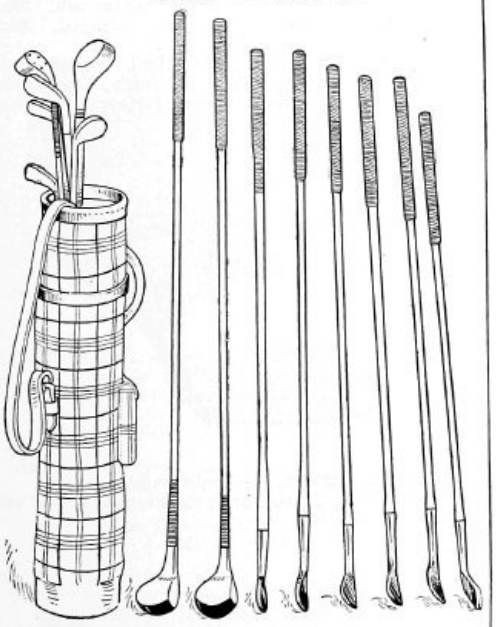
No. 801 REVONOC — Men's putting cleek, right and left hand.....each $2.70

No. 0801 REVONOC — Ladies' or boys' putting cleek, right hand.....each 2.70

No. 931 REVONOC — Men's gunmetal putter, right hand.....each 2.70

GOLF OUTFITS, MARKERS, ETC.

GOLF OUTFITS.



No. 1. Three-Club Outfit.

1 REVONOC wood driver	each	$3.00
1 REVONOC midiron	"	2.70
1 REVONOC putter	"	2.70
1 canvas caddy bag, leather trimmings and bottom, with ball pocket	each	2.00
2 Rubber cored balls	for	1.67

Special price for outfit $11.50 Total list $12.27

No. 2. Four-Club Outfit.

1 REVONOC wood driver	each	$3.00
1 REVONOC cleek	"	2.70
1 REVONOC lofter	"	2.70
1 REVONOC putter	"	3.00
1 canvas caddy bag, leather trimmings and bottom, with ball pocket	each	2.00
3 Rubber cored balls	for	1.50

Special price for outfit $15.00 Total list $15.40

No. 4. Five-Club Outfit.

1 REVONOC socket driver	each	$3.00
1 REVONOC socket brassy	"	3.00
1 REVONOC cleek	"	2.70
1 REVONOC lofter	"	2.70
1 REVONOC putter	"	2.70
1 fine heavy canvas caddy bag, leather trimmings and bottom, with ball pocket, each		2.80
6 Haskell balls	for	5.00

Special price for outfit $20.00 Total list $21.90

No. 5. Six-Club Outfit.

1 REVONOC socket driver	each	$3.00
1 REVONOC socket brassy	"	3.00
1 REVONOC driving cleek	"	2.70
1 REVONOC midiron, grooved	"	2.70
1 REVONOC lofting mashy	"	2.70
1 REVONOC putter	"	2.70
1 No. 204 imitation light pigskin caddy bag, leather reinforced at bottom	each	8.00
6 Haskell balls	for	5.00

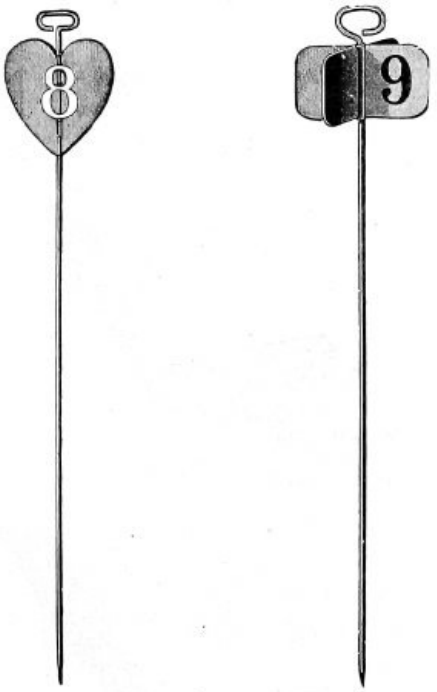
Special price for outfit $28.50 Total list $29.80

No. 6. Six-Club Outfit.

1 REVONOC socket driver	each	$3.00
1 REVONOC socket brassy	"	3.00
1 REVONOC driving cleek	"	2.70
1 REVONOC midiron, grooved	"	2.70
1 REVONOC lofting mashy	"	2.70
1 REVONOC putter	"	2.70
1 all leather caddy bag, leather reinforced bottom, ball pocket	each	8.00
12 Haskell balls	for	10.00

Special price for outfit $34.00 Total list $34.80

HOLE MARKERS.



No. 785. No. 784.

No. 785—Heart-shaped, galvanized iron, painted and numbered. . . . . each $1.30
No. 784—Windmill Style, galvanized iron, painted and numbered. . . . . each 1.20

HOLE RIMS.

No. 750—Galvanized iron, with cross piece. . . . . each $0.44

HOB NAILS

No. 10—Golfers extra large, malleable iron, ... per pound $0.30

GOLF BALL PAINT.

4 oz. Cans. . . . . per dozen $10.00

DESCRIPTION AND USE OF IRON CLUBS.

Driving Cleek—This is the best club to learn to hit the ball with, for the same reason that a straight faced wood driver is recommended. Many purchase this club first and play with it until they can get somewhere near the ball. A driving cleek is used for long distance iron drives.

Short Neck Driving Cleek—This is the same as the ordinary cleek with the exception that the socket is shorter and the shaft runs clear through the socket to the sole, thereby bringing the spring closer to the point of impact and more weight behind the blow. Many players use this club instead of a brassy.

Driving Mashy—A driving mashy has the same loft as the driving cleek, but the blade is shorter and broader. It is used more by expert players, but requires greater skill in driving a straight ball. It is particularly adapted for making long shots out of bad lies or long grass.

Driving Iron—This is a club between a driving cleek and a midiron. It is short in socket, also in the head, and has some weight filed off the back of the heel. It is a good general club for players who do not wish to carry both a cleek and midiron.

Midiron—This is one of the most useful of iron clubs and can be used for all distances under 125 yards. It is lofted more than a cleek and is a little broader in the blade.

Approaching Mashy—The term "mashy" is usually understood to mean a club with a short, thick blade and is made in a number of degrees of loft. The term "approaching mashy," as used by us, designates a club between a driving and lofting mashy. We carry this club in "Rev-o-noc" brand.

Ladies' Lofting Mashy—This club is beveled off on four sides to a center to concentrate the weight directly behind the point of impact. It is useful for short approaches or playing out of a bad lie.

Lofting Iron—The blade of this club is about the same length as a midiron but has more loft. It is used for approaching the hole from about 40 yards, or lofting the ball over an obstacle at short range.

Taylor Model Lofting Mashy—This is a club designed by the celebrated English professional. Owing to the depth of face, this club lessens the chances of getting too much under the ball when playing a heavy shot. It is used for approach work under 100 yards.

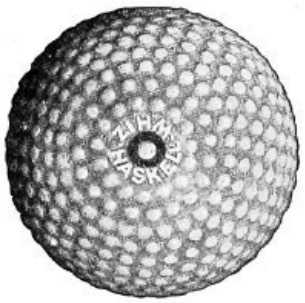
Niblick—A niblick is especially adapted for playing out of bunkers, wagon ruts, etc. It has more "pitch" than most other irons, and is much heavier. This iron is principally used where one has an obstruction to get over and the ball is in a bad lie. It has a stiff shaft.

Putting Cleek—This club is similar in appearance to an ordinary cleek except that it is shorter in the shaft and more upright in the lie. The putting cleek, being slightly laid back in the face, puts a "drag" on the ball which makes it less liable to be deflected from its course.

Putter—This club is usually furnished in gun metal. It is either right or left handed, as both sides of the club are made the same. It is a little more upright than the putting cleek.

GOLF BALLS AND CADDY BAGS.

GOLF BALLS.

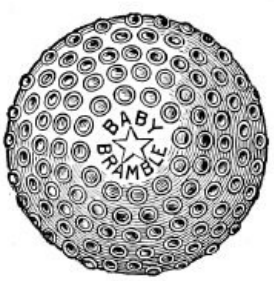


G1 Whiz.....per dozen $12.00
ONE DOZEN IN A BOX.

G2 White Streak.....per dozen $14.00
ONE DOZEN IN A BOX.

GOLF BALLS.

G4 White Flyer.....per dozen $12.00
ONE DOZEN IN A BOX.



G3 Baby Bramble.....per dozen $14.00
ONE DOZEN IN A BOX.

GOLF BALLS.

G5 Black Diamond.....per dozen $12.00
HALF DOZEN IN A TUBE.

G6 White Diamond.....per dozen $14.00
HALF DOZEN IN A TUBE.

CADDY BAGS.

Leather.

Soft Leather, with Sling and Ball Pocket.

No. 205—3¾×34 in. thong stitched, light colored, w't 2⅛ lbs.....each **$6.20**

Soft Leather, with Sling and Ball Pocket.

No. 205½—3¾×34 in., dark colored leather, otherwise same as No. 205, w't 2 lbs.....each $6.20

No. 204 —6×34 in., reinforced at bottom, leather trimmed, light color, w't 2½ lbs.....each 8.00

No. 204½—6×34 in., dark smooth leather, otherwise same as No. 204, w't 2½ lbs., each..... 8.00

No. 39 —5×35 in., heavy border bag leather, brass trimmings, w't 2½ lbs.....each 8.10

Stiff Leather, with Sling and Ball Pocket.

No. 18 —4½×35 in., best oak hard border bag leather, brass trimmed, w't 1⅞ lbs.....each $7.90

No. 305 —3¾×34 in., sole leather, light colored, long ball pocket, open at top and bottom, w't 2 lbs.....each 8.30

No. 305½—3¾×34 in., dark colored leather, otherwise same as No. 305, w't 2 lbs.....each 8.30

Heavy Canvas, with Sling and Ball Pocket.

No. 131—5×34 in., tan, leather trimmings, w't 2 lbs.....each $2.00

No. 32—4½×34 in., heavy brown duck, leather trimmed, nickel trimmings, reinforced leather bottom, w't 1¾ lbs.each 2.80

No. 41—5×35 in., heavy white canvas, heavy leather trimmed, brass trimmings, reinforced leather bottom, w't 2¼ lbs.....each 6.40

No. 42—5×35 in., heavy brown canvas, heavy leather trimmed, hickory slat on each side, brass trimmings, reinforced eather bottom, w't 2½ lbs.....each 6.40

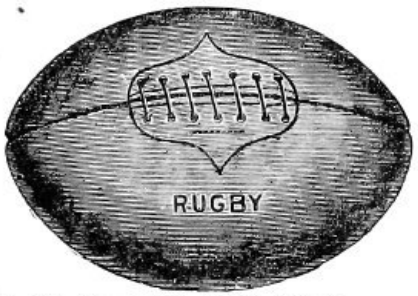
Canvas.

Heavy Canvas, with Sling and Ball Pocket.

No. 38—6×35 in., heavy brown canvas, leather trimmed, brass trimmings, 15 in. hood with strap inserted through metal loops fastened with a lock buckle, when hood is not in use it can be placed inside of bag, reinforced leather bottom, w't 2⅜ lbs.....each $9.30

FOOT BALL GOODS.

RUGBY FOOT BALLS.



No. 5X—"Rev-o-noc" Official, best English grain leather, rawhide lace, lacing needle and pump, will hold its shape as all possible stretch has been removed in tanning, regulation size and weight, fully guaranteed, complete in box with bladder, - - - per dozen $60.00

No. 8S—"Rev-o-noc," best selected American grain leather, hand finished, lined with the finest quality canvas, official size, absolutely correct in shape, packed one in a box, with rawhide lace, lacing needle, pure gum bladder, guaranteed, - - - per dozen 48.00

No. 15—"Rev-o-noc," selected American grain leather, lined with superior quality canvas, official size, packed one in a box with rawhide lace and pure gum bladder, guaranteed, - per dozen 36.00

No. 14—"Cruso," same in all respects as No. 15, except slightly smaller, per dozen, - - - - - - - 33.00

No. 15S—"Cruso," pebbled leather, lined with heavy canvas, correct shape, regulation size, packed one in a box with bladder, - - - per dozen 24.00

No. 14S—"Cruso," same as No. 15S only slightly smaller, packed one in a box with bladder, - - per dozen 20.00

ASSOCIATION FOOT BALLS.

No. 17AS—"Rev-o-noc," best English grain leather, official size, fully guaranteed, packed in box, complete with bladder, pump, lacing needle and rawhide lace, - - - per dozen $66.00

No. 16AS—"Rev-o-noc," finest selected American grain leather, lined with superior quality canvas, official size and pattern, packed one in a box with bladder, - - - per dozen 48.00

No. 15AS—"Cruso," high grade pebbled leather, lined with heavy canvas, regulation size, packed one in a box with bladder, - - - per dozen 24.00

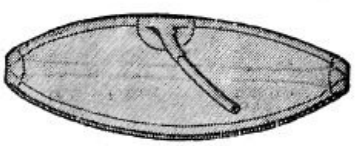
RUBBER FOOT BALLS.

American Black Rubber.

Nos.	1	2	3
Circumference,	20	22	24 in.
Per dozen,	$6.60	7.20	9.00
Nos.	**4**	**5**	**6**
Circumference,	26	28	30 in.
Per dozen,	$10.20	10.80	12.00

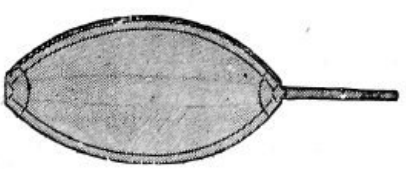
Extra Keys, - - - - per dozen $0.60
Extra Valves, - - - " 1.20

RUGBY BLADDERS.



No. 1—Pure gum, size 3, - per dozen $6.00
No. 4—Pure gum, size 4, - " 7.50
No. 2—Pure gum, size 5, - " 9.00

ASSOCIATION BLADDERS.



No. 6—Pure gum, size 4, - per dozen $7.50
No. 5—Pure gum, size 5, - " 9.00

INFLATERS.

No. 3—Pocket size, seamless, nickel plated, per dozen - - - - - - $3.60

No. 2—Club size, seamless, nickel plated, wood handle, - - - per dozen $9.00

"REV-O-NOC" FOOT BALL PANTS.

Nos. 30, 32 and 25.

To Order Only.

No. 30—Finest quality heavy weight drab moleskin, cane thighs, full quilted on hips and knees, - per dozen pairs $48.00

No. 32—Genuine army khaki cloth, heavily padded, full quilted, cane strips, per dozen pairs, - - - - - - 36.00

No. 25—Best quality tan colored duck, cane thighs, full quilted on hips and knees, - - - per dozen pairs 24.00

AVERAGE WEIGHT PER DOZEN PAIRS 24 LBS.

No. 23. No. 20.

To Order Only.

No. 23—Medium grade khaki, tan color, full quilted, - - per dozen pairs $15.00

No. 20—Good quality canvas, heavy white twilled drill, full padded and quilted, per dozen pairs, - - - - - 9.00

AVERAGE WEIGHT PER DOZEN PAIRS 24 LBS.

"REV-O-NOC" FOOT BALL JACKETS.

To Order Only.

No. 2—Khaki, best quality, tan color, sleeveless, - - - per dozen $7.00

No. 1—Good quality extra heavy white twilled drill, sleeveless, - per dozen 5.00

FOOT BALL GOODS AND SWEATERS.

"REV-O-NOC" HEAD HARNESS.

Our latest moulded ear pieces are used on this helmet. They fit the head so closely that the elastic chin-piece can almost be done away with, and offer absolute protection.

No. 549B—5 oz. black harness leather, hand made and moulded special forms to fit the head perfectly, padded with white felt, but perforated so as to give excellent ventilation, adjustable elastic chin piece.....per dozen $42.00

ONE IN A BOX.

Nos. 541L and 541M.

No. 3.

No. 541L—Napa tan black leather, moulded ears, white felt lined, ventilated, adjustable elastic chin strap, per dozen..... $27.00

No. 541M—Moleskin sides and ears, otherwise same as No. 541L, per dozen 21.00

No. 3—Open, soft, selected leather, lined with soft white felt....per dozen 18.00

ONE IN A BOX.

NOSE GUARDS.

No. 10.

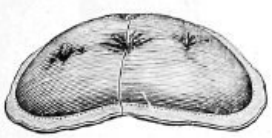
No. 1.

No. 10—Penna, large size, nose and chin guard, hardened rubber, detachable mouthpiece.....per dozen $15.00

No. 1—Morrill, nose guard, hardened rubber.....per dozen 10.00

ONE IN A BOX.

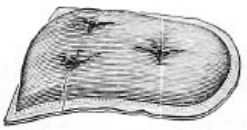
SHOULDER PADS.



No. 6—Napa tan leather, felt padded, per dozen pairs..... $9.00

No. 4—Khaki duck, padded, per dozen pairs..... 3.00

ELBOW PADS.



No. 5—Napa tan leather, felt padded, per dozen pairs..... $9.00

No. 3—Khaki duck, padded, per dozen pairs..... 3.00

"REV-O-NOC" SHIN GUARDS.

No. 0.

Nos. 1, 2 and 3.

Nos. 4 and 5.

No. 0—Black leather, with latest style ankle pad, an absolute protection to the ankle bones, 10 in., per dozen pairs $24.00

No. 1—Russet leather front, leather bound, rattan reeds, with continuous strap on outside of guards encircling leg, making guard more secure, 12 in., per dozen pairs..... 15.00

No. 2—Moleskin, drab color, leather bound, rattan reeds, with continuous strap on outside of guard encircling leg, making guard more secure, 12 in., per dozen pairs..... 12.00

No. 3—Heavy tan color canvas, leather bound, rattan reeds, with continuous strap on outside of guard encircling leg, making guard more secure, 12 in., per dozen pairs..... 9.60

No. 4—Tan color canvas, fabric bound, rattan reeds, 12 in....per dozen pairs 7.80

No. 5—Khaki, tan color, tape strap on outside of guard encircling leg, making guard more secure, 10 in., per dozen pairs..... 6.00

JERSEYS.

Sizes 34 to 44.

No. 913—High grade pure worsted, heavy weight, adapted for football players, etc., colors black, navy, maroon, Oxford and white.....per dozen $48.00

No. 785—Plain pure worsted, light weight, fast colors, black, navy, maroon, Oxford, white.....per dozen 36.00

ONE IN A BOX

MEN'S SWEATERS.

No. 358.

Sizes 36 to 42.

No. 358—Fine quality Shaker knit, colors navy and Oxford, ribbed bottom and cuffs .....per dozen $72.00

No. 210—All wool, heavy weight, Shaker collar, double bottom and cuffs, colors navy and Oxford.. .....per dozen 30.00

ONE IN A BOX.

BOYS' SWEATERS.

Sizes 26 to 32.

No. 115—All wool, Oxford, ribbed bottom and cuffs.....per dozen $24.00

ONE IN A BOX.

MEN'S COAT SWEATERS.

Nos. 617, 605, 601.

Sizes 36 to 42.

No. 627—Serpentine weave, best quality pure worsted, colors navy and Oxford, pearl buttons.....per dozen $84.00

An elegant garment.

No. 617—Regular weave, high grade worsted in following combination. Oxford with navy trimming; Oxford with crimson trimming, also Oxford solid color, pearl buttons...per dozen 54.00

No. 605—Heavy weight, will stand rough usage, same colors as No. 617, pearl buttons.....per dozen 36.00

No. 601—Medium weight, combination colors, Oxford with navy trimming, Oxford with crimson trimmings, pearl buttons.....per dozen 30.00

ONE IN A BOX.

BOYS' COAT SWEATERS.

Sizes 26 to 32.

No. 100—Good quality wool, colors, Oxford with crimson trimmings, pearl buttons.....per dozen $24.00

Other colors to order, one week delay.

ONE IN A BOX.

INDOOR UNIFORMS AND BOXING GLOVES.

"REV-O-NOC" INDOOR BASE BALLS.

No. 117—"Rev-o-noc," Chicago regulation, 17 in., soft oil tanned horse hide cover, perfect sewing, - per dozen $15.00
No. 112—"Rev-o-noc," official, 12 in., hard oil tanned horse hide, perfect sewing, per dozen, - - - - - - 10.00
No. 114—"Rev-o-noc," 14 in., otherwise same as No. 112, - - per dozen 12.00
No. 116—"Rev-o-noc," 16 in., otherwise same as No. 112, - - per dozen 15.00
No. 214—"Rev-o-noc," 14 in., hard sheep skin cover, perfect sewing, per dozen 10.00
No. 216—"Rev-o-noc," 16 in., otherwise same as No. 214, - - per dozen 13.00

ONE IN A BOX.

INDOOR BASE BALL BATS.

No. 300—Regulation size, finest selected second growth hickory, flame burnt finish, tape wound handles, highest grade bat made, - - per dozen $6.00

INDOOR BASES.

Factory Shipments Only.

No. 1—Heavy 10 oz. duck, extra well sewed, - - - per set of three $3.00
No. 2—8 oz. duck, otherwise same as No. 1, - - - per set of three 2.50
No. 3—Home plate, fine, corrugated rubber, 12×12 in., - - - each 1.00

INDOOR UNIFORMS.

To Order Only.

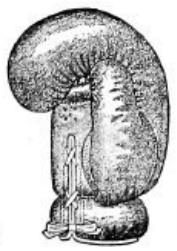
No. 5—Special League, made of strong durable flannel, woven for indoor, suit consists of pants, shirt and cap, any style hose and belt, - complete $7.20
No. 7—City League, made of best wearing flannel, suit consists of pants, shirt and cap, any style hose and belt, - complete 6.00

IN ORDERING UNIFORMS STATE

Style shirt wanted, whether button or lace front.
Style pants wanted, whether plain or padded, elastic or tape bottom.
Style cap wanted.
Stockings, color wanted.
Sample color card and measurement blanks furnished on application.
Are made from the very best material obtainable in their respective grades and are especially woven for athletic purposes. The most desirable colors have been selected, which, combined with the high standard of workmanship, enables us to guarantee satisfaction.
Special attention is given to trimmings and other details in designing. Each uniform lettered with name of club. Eight letters, either 3 or 4 in., without extra charge.

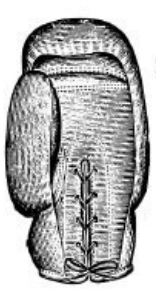
MEN'S BOXING GLOVES.

No. 52C—"Rev-o-noc," Corbett pattern, finest quality tan kid, improved palm grip, padded wrist roll, all silk stitched, leather lined, leather bound wrist, stuffed with best quality curled hair, per dozen sets, $72.00



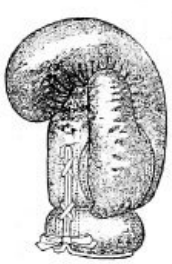
No. 49C—"Rev-o-noc," Corbett pattern, extra fine sage green kid leather, heavily padded thumb and padded cuffs, safety palm grip, filled with extra quality curled hair. Well made and nicely finished. A very popular glove, per dozen sets, - $66.00

No. 46C—"Rev-o-noc," Corbett pattern, extra large size, good quality Benton red kid leather, heavily padded thumb and wrist, filled with extra curled hair, an excellent glove for light work, per dozen sets, - - $54.00



No. 55F—"Rev-o-noc," *regulation fighting*, made of especially tanned California green napa, padded and deep laced wrist, patent sliding grip to prevent slipping, guaranteed *5 oz.*, per dozen sets $48.00

No. 45C—"Rev-o-noc," *instructors*, Corbett pattern, wine colored kid, double stitched, laced wrist, padded palm grip, serge lined, stuffed with good quality curled hair, made especially for gymnasium work, wt. *9½ oz.*, per dozen sets, - $



No. 41C—"Rev-o-noc," special, Corbett pattern, made of black color selected calf, serge lined, tan leather bound, stitched, laced and padded wrist, palm grip, stuffed with best quality curled hair, extra fine glove, per dozen sets, - - $

MEN'S BOXING GLOVES.

No. 40S—"Rev-o-noc," standard pattern (Improved), green napa kid, with palm grip, laced wrist, padded and bound, stuffed with curled hair, per dozen sets, - $36.00

No. 19F—"Cruso," regular pattern, brown colored leather, hair filled, laced wrist, a full sized man's glove and an exceptional strong value, per dozen sets, $24.00

No. 16F—"Cruso," standard pattern, good quality leather, elastic wrist band, filled with hair, per dozen sets, - - $18.00

BOYS' BOXING GLOVES.

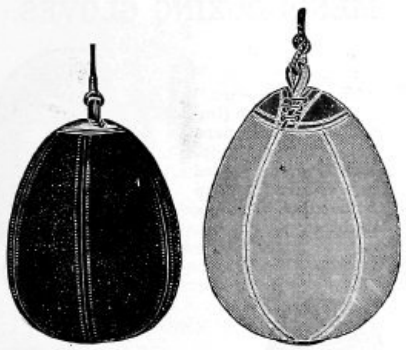
No. 14B—"Rev-o-noc," Corbett pattern, wine colored kid back, tan kid palm and cuffs, with palm grip, laced wrist, padded serge lined, double stitched throughout, leather bound, stuffed with best quality curled hair, per dozen sets, $

No. 13B—"Cruso," regular pattern, sage green California napa leather back, wine colored leather palm, hair filled, laced wrist, improved padded palm grip, a most excellent medium grade glove, per dozen sets, - $21.00

No. 11B—"Cruso," standard style, yellow, good quality leather, elastic wrist band, filled with hair, per dozen sets $

STRIKING BAGS AND PLATFORMS.

STRIKING BAGS.



Nos. 17B, 18B and 24B. Nos. 21B, 22B, 25B and 26B.

No. 17B —"Rev-o-noc," *gymnasium special*, made for hard and rough usage, made of selected pearl cowhide, welted and covered seams, warranted durable and perfect shape, pure gum bladder, per dozen, - - - - - - $60.00

No. 18B —"Rev-o noc," professional size, extra quality oil tanned brown horsehide, leather welted and covered seams, a very strong and durable bag, 34 in., pure gum bladder, - per dozen 48.00

No. 21B —"Rev-o-noc," best brown calf, welted seams, perfect shape, will stand very rough usage, 32 in., pure gum bladder, - - - - per dozen 48.00

No. 22B —"Rev-o-noc," wine colored Yucatan kid, tan colored top with eyelets, white leather welted seams, triple stitched and stayed, canvas lined, rawhide loop, regulation size, extra fine bag, pure gum bladder, - per dozen 39.00

No. 24B —"Rev-o-noc," professional size, best grade black leather, leather welted seams, made in the best and most attractive manner, pure gum bladder, per dozen, - - - - - - 36.00

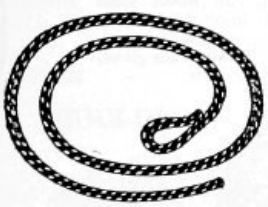
No. 25B —"Rev-o-noc," olive Yucatan kid, wine colored leather top circle with eyelets, triple stitched and stayed, canvas lined, rawhide loop, regulation size, - - - - - per dozen 30.00

No. 26B —"Rev-o-noc," red kid, triple stitched, medium size, canvas lined, very strongly made, pure gum bladder, - - - - - per dozen 24.00

No. 26½—"Cruso," amateur size, good grade wine colored tan leather, with double leather top and bottom, pure gum bladder, - - per dozen 21.00

No. 27B —"Cruso," yellow colored sheepskin, canvas lined, rawhide loop, medium size, good bladder, - per dozen 18.00

STRIKING BAG CORDS.



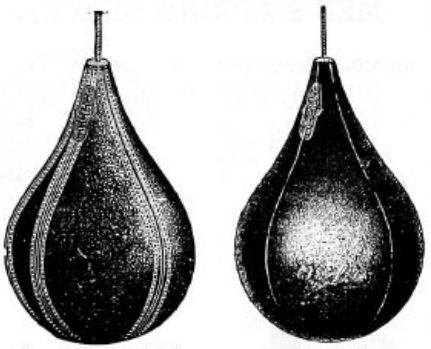
No. 5—4 ft., mercerized silk finished with looped ends, - - - per dozen $6.00

No. 4—3 ft., cotton finished heavy cable with looped ends, - - per dozen 4.20

No. 3—3 ft., cotton finished medium cable with looped ends, - - per dozen 3.60

No. 2—3 ft., cotton finished light cable with looped ends, - - - per dozen 3.00

STRIKING BAGS.



Nos. 14P and 15P. No. 16P.

"Rev-o-noc," Pear Shape.

No. 14P—"Rev-o-noc," *professional*, finest specially selected pearl calf skin, leather welted and covered seams, made specially for professional bag punchers, w't without bladder 7 to 8 oz., pure gum bladder, - - per dozen $72.00

No. 15P—"Rev-o-noc," *exhibition*, extra light, made of selected black kid leather, seams triple stitched, welted and stayed, rawhide swivel top, hand sewed, canvas lined, 32 in. in circumference, complete with pure gum bladder, guaranteed, - - per dozen 66.00

No. 16P—"Rev-o-noc," made of California napa kid, olive or tan color, seams triple stitched and stayed, solid leather swivel top, canvas lined, 32 in. in circumference, complete with pure gum bladder, guaranteed, per dozen 42.00

Double End.

No. 64DE — "Rev-o-noc," professional size, special selected red kid leather, made specially attractive with leather welted and covered seams, pure gum bladder, - - - per dozen $33.00

No. 66DE — "Rev-o-noc," made of red tanned calf skin, canvas lined, seams triple stitched and stayed with linen thread, folded rawhide loop, per dozen 27.00

No. 68DE—"Cruso," green California napa kid, canvas lined, rawhide loop, medium size, good quality bladder, per dozen, - - - - - - 18.00

STRIKING BAG BLADDERS.

No. 9—Small size, - - per dozen $6.50

No. 10—Medium size, - - " 7.50

No. 11—Large size, - - " 8.50

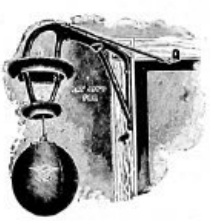
STRIKING BAG PLATFORMS.

Peerless Standard.

No. 10—Highly polished selected maple disc and cross bars, malleable iron ends closely fitted, 1 in. standards with flange, neatly japanned, complete with steel guy ropes, turnbuckles, patent bell swivel with removable socket, *without bag*, w't 00 lbs., - - each $30.00

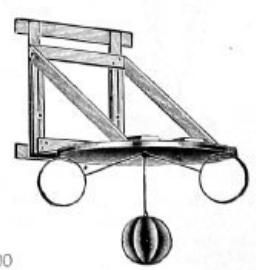
No. 4—Heavy cast frame, enameled, 2 forged steel brace rods, attached with screws, polished ash head, adjustable with set screw, can be raised or lowered 6 inches, special reinforced bag, very fast and strong, pure gum bladder, designed for gymnasium and professional use, w't complete 20 lbs., - - - - - each $10.00

ONE IN A BOX.



Victor 20th Century.

No. 3—Enameled cast frame, forged steel brace rod, polished ash head, secured to door frame or wall by screws, adjustable in height by reversing brace rod and angle iron, special tanned bag with pure gum bladder, w't complete 12 lbs., - - - - - each $8.00



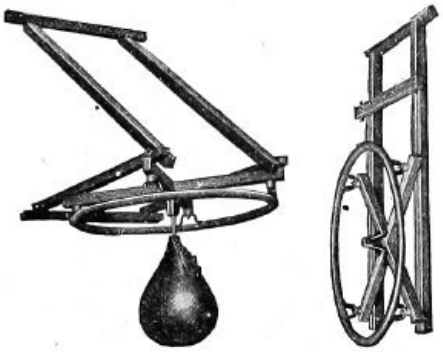
No. 24—Chicago, wood, braced and is so constructed that the platform can be raised or lowered after it is fastened to the wall, height 6 ft. 9 in., *without bag*, w't 00 lbs., - each $6.00

No. 26—Metal braces, with swivel, *without bag*, not adjustable, w't 00 lbs., each, - $5.00

This platform is strongly built and will stand rough usage.

STRIKING BAG PLATFORMS AND BASKET BALL GOODS.

STRIKING BAG PLATFORMS.



No. 28—LIGHTNING, 36 × 20 × 4½ in. frame, when folded, rim 23 in. diameter, w't 7½ lbs.....each $4.00

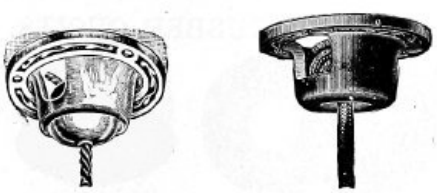
The "Lightning" striking-bag platform is made entirely of clear Indiana white oak with a natural oil finish. It is very light, but so securely bolted together as to be amply strong for the hardest service.

The rim is made of hard maple and is attached to the frame by means of strong metal stirrups. Between the stirrups and the frame are rubber cushions or buffers one inch thick. These rubber cushions absorb the shock and deaden the noise. They also serve to make the rim more springy and give the liveliest kind of platform.

The platform can be very quickly attached to the wall and ceiling and is absolutely rigid in position. It can be instantly folded flat for shipment.

STRIKING BAG SWIVELS.

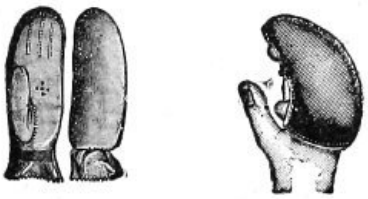
No. 3—DETACHABLE, ball bearing, handsomely ornamented and nickel plated on copper.....per dozen $12.00
ONE DOZEN IN A BOX.



No. 2. No. 1.

No. 2—Wrought steel, nickel plated, ball bearing, with ball and socket, bag can be removed without unscrewing, cord cannot wear.....per dozen $6.00
No. 1—Wrought steel, oxidized, 1 piece, bag can be removed without unscrewing.....per dozen 4.00
ONE DOZEN IN A BOX.

STRIKING BAG GLOVES.

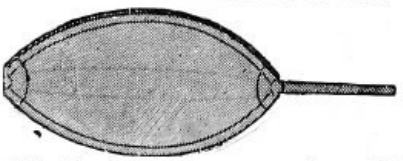


No. 96. No. 93.

"Rev-o-noc."

No. 96—"REV-O-NOC" mitts, Benton tan glove kid leather, well made and nicely padded.....per dozen pairs $12.00
No. 93—"REV-O-NOC" pad, improved knuckle style glove, wine colored sheep skin, correctly padded, per dozen pairs..... 9.00

BASKET BALL BLADDERS.



No. 21—Regulation, pure gum..per dozen $9.00

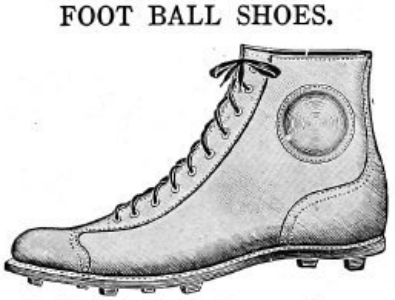
BASKET BALL SHOES.

No. 25—Black willow calf upper, suction sole of red rubber, hand sewed, per dozen pairs..... $60.00
ONE PAIR IN A BOX.

BOWLING SHOES.

No. 85—Olive buckskin bal, drab, buckskin sole, very strong shoe, per dozen pairs..... $48.00
ONE PAIR IN A BOX.

FOOT BALL SHOES.

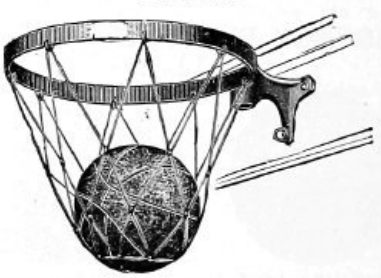


No. 3—Machine sewed, best quality black leather uppers, stiff leather sole, Yale cleats.....per dozen pairs $60.00
No. 10—Good quality black leather, stiff sole, Yale cleats.....per dozen pairs 48.00
ONE PAIR IN A BOX.

"REV-O-NOC" BASKET BALLS.

No. 11—"REV-O-NOC" OFFICIAL, imported English grain leather, specially tanned, 4 sections, linen thread sewed, complete with pure gum baldder, pump, lacing needle and leather lace..... per dozen $60.00
No. 9—"REV-O-NOC" selected pebble grain leather, in four sections, linen thread sewed, hand finished, regulation size and weight, complete with pure gum bladder and leather lace, per dozen 48.00
No. 7B—"REV-O-NOC," practice ball, extra heavy special leather, regulation size, complete with pure gum bladder and lace.....per dozen 36.00
No. 5—"REV-O-NOC," medium grade pebble tan leather, complete with pure gum bladder and lace.....per dozen 30.00

"REV-O-NOC" BASKET BALL GOALS.



No. 15—Regulation.....per pair $4.00

"REV-O-NOC" BASKET BALL CLOTHING.

Club Style. Y. M. C. A. Style.

To Order Only.

No. 87—Sateen, either style, per doz. pair $30.00
No. 77—Poplin, either style, " " 24.00
No. 74—Mole khaki, either style " " 21.00
No. 71—Khaki drill, either style " " 15.00
No. 70—White drill, either style " " 12.00
No. 97—Official Uniform, consists of flannel pants, worsted shirt, wool hose, and belt, complete.....each 6.70
No. 95—High School Uniform, consists of flannel pants, cotton shirt, cotton hose, and belt, complete.....each 3.00

Sample and color cards sent on application

HOCKEY CLUBS, EXERCISERS, DUMB BELLS, ETC.

HOCKEY CLUBS.

Nos. 11 and 13 Hockey Clubs are genuine Empire Canadian imported clubs, made by expert workmen, and are correct in shape.

No. 13—Empire Goal Keepers, heavier than No. 11, made of selected white ash, correct shape and length, per dozen $12.00

No. 11—Empire Hockey, selected white ash, correct shape and length, per dozen $9.00

No. 14—Boys', good quality ash, length 46 in., - - - - - per dozen 3.00

POLO STICKS.

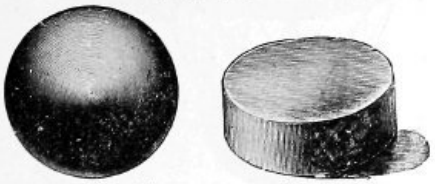
No. 34—League model, superior quality hickory, full size, tape wound at end of handle, with rawhide arm loop, new model blade, - - per dozen $9.00

No. 30—Standard, second growth ash, finished in a very superior manner, per dozen, - - - $3.00

No. 26—Boys', oak, an exceptional value at the price, per dozen $1.80

No. 24—Junior, oak, boy's size, per dozen, - $1.20

HOCKEY PUCKS AND POLO BALLS.



Nos. 60 and 55. No. 50.

No. 60—Official polo ball, highest quality materials, made according to the latest polo regulations, each ball wrapped in tinfoil and sealed, - - per dozen $12.00

No. 55—Practice size polo ball, good grade rubber coated with red paint, the best ball offered at the price, - per dozen 3.00

No. 50—Regulation hockey puck, made according to specifications, finest materials, - - - - - per dozen 3.00

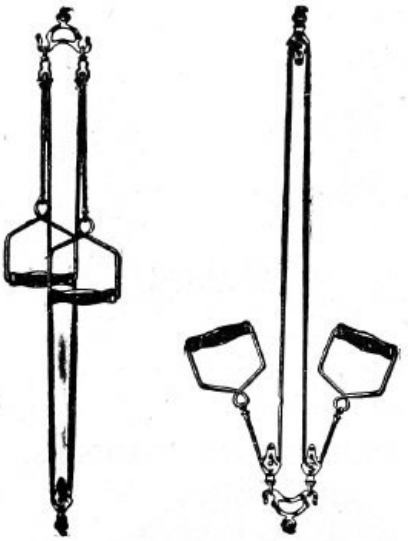
POLO GUARDS.

A Perfect and Absolute Protection to the Shins.

No. 8—Grain leather, leather bound, well made and correctly padded, w't per doz. pair 16 lbs., - - per pair $4.00

No. 9—Heavy tan canvas, leather bound, well made and padded with reeds, w't per doz. pair 11 lbs., - per pair 2.50

WHITELY EXERCISERS.



Nos. 00 to 3. Nos. 00 to 3.

No. 3—Fitted with extra finish noiseless cone-bearing adjustable pulleys and silk covered cable, polished rubber or cork handles; foot attachment, door hinge attachment and package of hooks; extra heavy, heavy, medium or light cable; complete with Anderson's "Physical Culture," - per dozen $60.00

No. 2—Fitted with extra finish noiseless cone-bearing adjustable pulleys, all parts full nickel finish; complete in box with foot attachment, door hinge attachment and package of hooks; extra heavy, heavy, medium, light or child's cable; complete with Anderson's "Physical Culture," - per dozen 48.00

No. 1—Fitted with noiseless cone-bearing adjustable pulleys, finely enameled; complete in box with foot attachment, door hinge attachments and package of hooks; heavy, medium, light or child's cable, complete with Anderson's "Physical Culture," - per dozen 24.00

No. 0—Same as No. 00, except that cable is 1 yd. longer, - - per dozen 18.00

No. 00—With foot attachment, door hinge attachment and package of hooks; heavy, medium, light or child's cable, complete with chart, - per dozen 12.00

ATHLETE.

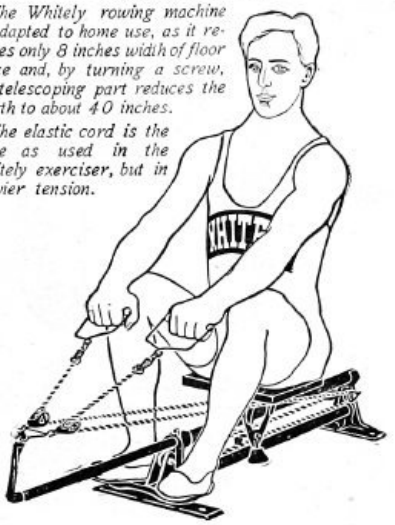
No. 4—Fitted with self-oiling bearings, extra large, finely finished rosewood pulleys; all metal parts full nickel plated, cork handles, very light and strong throughout; recommended for gymnasium and for strong men; complete with Anderson's "Physical Culture," per dozen, - - - - - $42.00

The Whitely is a complete home gymnasium, composed of elastic cord running over fine pulleys. Requires no floor space and is absolutely noiseless. There are no weights to change and no straps to buckle. No tools of any kind are required. Will last several years. Takes the place of all other forms of exercising apparatus, besides giving a great many movements requiring quick action, such as throwing, bowling, etc. The exerciser is suspended from two small steel hooks in a moment of time, or from the hinges of the door. Can be carried without inconvenience by travelers. Equally suitable for the strongest man and the smallest child. Is especially adapted for the use of ladies.

WHITELY ROWING MACHINES.

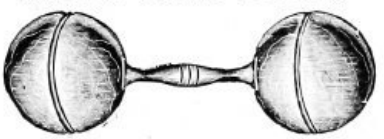
The Whitely rowing machine is adapted to home use, as it requires only 8 inches width of floor space and, by turning a screw, the telescoping part reduces the length to about 40 inches.

The elastic cord is the same as used in the Whitely exerciser, but in heavier tension.



No. 5—Malleable iron frame, rolling seat, telescoping extension, pendulum hung foot rest, strong elastic cord furnishes the resistance and this is in long lengths, running over 4 Whitely pulleys, giving a smooth, uniform action, each, - - - - - - - $12.00

MAPLE DUMB BELLS.



First Quality Maple, Finished in Hard Oil, Polished.

Pounds,	½	¾	1
Per dozen pairs,	$3.36	3.60	4.80
Pounds,	**1½**	**2**	**2½**	**3**
Per dozen pairs,	$5.40	6.00	6.60	7.20

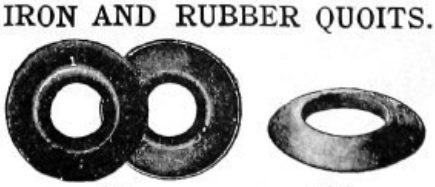
A pair of 1 lb. dumb bells weighs 2 lbs.

IRON DUMB BELLS.

Sizes 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 15, 20 and 25 lbs., - - - per pound $0.05

Sizes 40 and 50 lbs., with steel bar cast in, per pound, - - - - - - 05

IRON AND RUBBER QUOITS.



Iron. Rubber.

English Model, Japanned, Handsomely Painted and Numbered.

Inches, - -	4½	5	5½	6
W't per set (4),	8	12	16	20 lbs.
Per doz. sets, -	$8.00	9.00	12.00	15.00

Iron Quoit Pins, - - per dozen pairs $6.00

5½ in., Para rubber, for playing indoors and out, four quoits to a set, per dozen sets 30.00

GYMNASIUM GOODS.

MAPLE INDIAN CLUBS, MAPLE INDIAN CLUB AND DUMB BELL HOOKS.

Indian Club Hooks.

No. 133—With screws, per dozen pairs, - - $1.80

Dumb Bell Hooks.

No. 134—Cup shape, with screws, - per dozen pairs $1.80

Indian Clubs, First Quality Maple, Finished in Hard Oil, Polished.

Pounds, -	1¼	1½	1¾	1	1½
Per dozen pairs,	$3.15	3.36	3.60	4.80	5.40
Pounds, -	**2**	**2½**	**3**	**4**	**5**
Per dozen pairs,	$6.00	7.20	7.80	10.80	13.80

A pair of 1 lb. Indian clubs weighs 2 lbs.

OUTDOOR HAMMERS.

Iron Ball, Wire Handle, Regulation Size.

Pounds, - - - - - -	12	16
Iron, - - - - - -	$3.00	3.25
Lead, - - - - - -	4.00	4.50

SHOTS.

Outdoor.

Indoor.

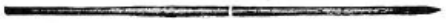
Outdoor, Regulation Size.

Pounds, - - - - - -	12	16
Iron, - - - - - -	$1.00	1.25
Lead, - - - - - -	2.25	2.50

Indoor, Iron, Leather Covered.

Pounds, - - - - - -	12	16
Each, - - - - - -	$7.00	8.50

VAULTING POLES.



Spruce.

Feet,	8	9	10	11	12	14
Each,	$3.00	3.25	3.50	3.75	4.00	4.50

These poles are thoroughly seasoned and selected with the greatest care. They are as light as practicable consistent with strength, and every one is carefully tested before leaving the factory.

HORIZONTAL BARS.

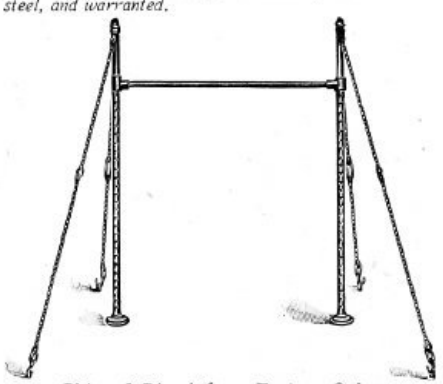
Second Growth Hickory.

Nos. - - -	116	117	118
Length, - - -	4	4½	5 ft.
Per dozen, - -	$15.00	18.00	21.00
Nos. - - -	**119**	**120**	**121**
Length, - - -	5½	6	6½ ft.
Per dozen, - -	$24.00	24.00	27.00

Steel Core.

Nos. - -	112	113	114	115
Length, -	5½	6	6½	7 ft.
Per dozen,	$78.00	84.00	90.00	96.00

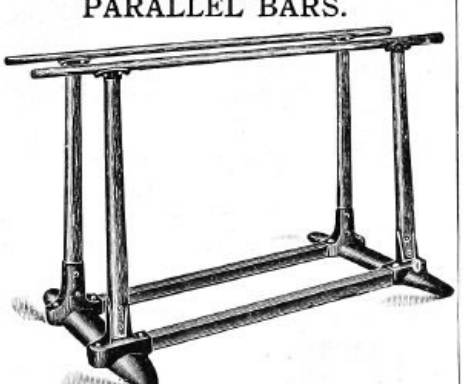
These horizontal bars are made of selected second-growth hickory. Our steel core bar is of superior quality and the core is made of the best tool steel, and warranted.



Shipped Direct from Factory Only.

No. 12—Adjustable, 2 in. iron pipe uprights, iron guys, threaded floor flanges for uprights, floor plates for fastening guys to floor, best young hickory bar with steel core, w't 150 lbs., complete, - - - - - - each $32.00

PARALLEL BARS.

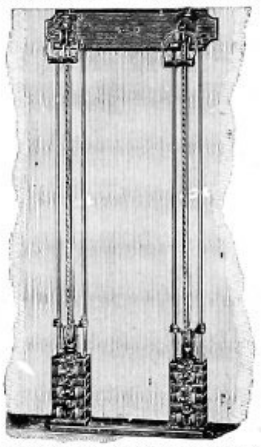


Shipped Direct from Factory Only.

No. 5—9 ft. long, 58 in. high, 16½ in. wide between the bars, heavy iron bases, selected hardwood uprights, top and bottom bars, bases equipped with detachable rollers, w't packed 300 lbs., each, - - - - - - - $34.00

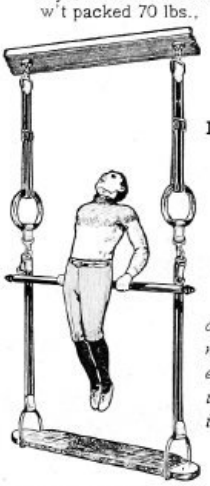
All corners on the uprights and bottom bars are rounded, and there are no parts projecting to injure the user. The top bars are of an oval shape, tapered at the ends, or round top bars will be furnished, when preferable.

PULLEY WEIGHTS.



Shipped Direct from Factory Only.

No. 56—Double set of rods, under-lift weights, compound ropes, swivel pulleys, each handle has 14 lbs. of weight, w't packed 70 lbs., - complete $12.00

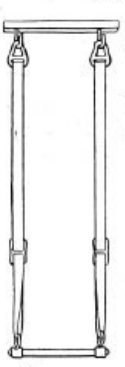


HOME GYMNASIUM.

No. 90—Consists of a pair of swinging rings, trapeze, one pair of stirrups and a swing board, complete, - $5.00

It can be put anywhere, in a room between doors, basement, porch, etc., etc. Two eye screws are screwed in a wood beam, plank or joist 16 in. apart, for adults 19 in.

ONE IN A BOX.



Trapeze.

TRAPEZE.

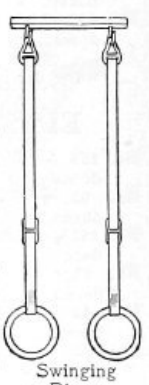
No. 89—Adjustable, extra strong webbing, strong hickory bar, complete, - $3.00

ONE IN A BOX.

SWINGING RINGS.

No. 88—Adjustable, extra strong webbing supports, japanned rings, perfectly safe for 16 ft. ceiling, complete, - $3.00

ONE IN A BOX.



Swinging Rings.

GYMNASIUM MATTRESSES.

Nos. -	500	501	502	503	504
Size, -	3×5	5×5	5×7	5×10	5×15 ft.
Thickness,	2	2	2	2	2 in.
W't packed.	30	50	70	100	150 lbs.
Each, -	$10.00	15.00	20.00	30.00	40.00

Other Sizes.

No. 505—2 in., any other sizes, - per sq. ft. $0 60

No. 506—3 in., any other sizes, - " .75

SPECIAL GYMNASIUM CATALOGUE SENT UPON APPLICATION.

GYMNASIUM GOODS.

SUPPORTERS.

No. 562—Admiral, latest improved athletic supporter with detachable front pouch, all elastic, sizes small, medium and large, per dozen, - - $12.00

ONE IN A PASTEBOARD BOX.

No. 561S—Elastic throughout, except balbriggan forepiece, sizes small, medium and large, per dozen, - $9.00

ONE IN A PASTEBOARD BOX.

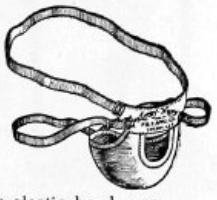
No. 6—Morton's, good quality Canton flannel, lace front, hand made eyelets, per dozen, - $3.00

No. 7—Morton's, elastic sides, otherwise same as No. 6, per dozen, - - 6.00

ONE IN A PASTEBOARD BOX.

In ordering, give waist measurement.

SUSPENSORIES.



Army and Navy.

No. 340—Silk sack, elastic band, per dozen, - $7.50

No. 320—Lisle sack, elastic band, per dozen, - 5.00

No. 300—Lisle sack, non-elastic band, per dozen, - - - - - - - $3.00

ONE IN A PASTEBOARD BOX.

ELASTIC BANDAGES.

No. 153 —15 ft. long, 3 in. wide, per dozen, - - - - - - - - $8.00

No. 93 — 9 ft. long, 3 in. wide, per dozen, - - - - - - - - 7.00

No. 152½—15 ft. long, 2½ in. wide, per dozen, - - - - - - - 6.00

No. 92½— 9 ft. long, 2½ in. wide, per dozen, - - - - - - - - 4.50

No. 152 —15 ft. long, 2 in. wide, per dozen, - - - - - - - - 5.00

No. 92 — 9 ft. long, 2 in. wide, per dozen, - - - - - - - - 4.00

All lengths are stretched measure.

PUFFED TRUNKS.

To Order Only.

No. 305—Velvet, colors crimson, black, navy and royal blue, per dozen pairs $12.00

No. 307—Satine, colors white navy and black, - per dozen pairs $8.00

SLEEVELESS SHIRTS.

No. 50—Medium weight worsted, colors navy, crimson, gray and black, per dozen, - $24.00

No. 24—Heavy weight cotton, colors white, black and navy, per dozen 6.00

ONE-HALF DOZEN IN A BOX

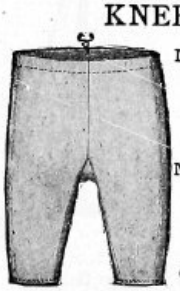
QUARTER SLEEVE SHIRTS.

No. 51—Medium weight worsted, colors navy, crimson, gray and black, per dozen $24.00

No. 25—Heavy weight cotton, colors white, black and navy, - per dozen 6.00

ONE-HALF DOZEN IN A BOX.

KNEE TIGHTS.



No. 52—Medium weight worsted, colors navy, crimson, gray and black, per dozen pairs, - - $24.00

No. 26—Heavy weight cotton, colors white, black and navy, per dozen pairs, - - 6.00

ONE-HALF DOZEN IN A BOX.

RUNNING PANTS.

To Order Only.

No. 270—Poplin, fly front, laced back, variety of colors, per dozen pairs, - $15.00

No. 264—Fine satine, fly front, laced back, colors scarlet, crimson, navy, purple, royal blue, white and black, per dozen pairs, - - - - $12.00

No. 267—White silesia, fly front, laced back, - - - per dozen pairs 6.00

No. 260—Fine cotton cloth, fly front, laced back, colors white or black, per dozen pairs, - - - - - - - - 6.00

Striping running pants from $1.20 to $6.00 per dozen pairs.

ONE-HALF DOZEN IN A BOX.

LONG GYMNASIUM PANTS.

To Order Only.

No. 348—Men's, full length, half lined, belt band, 1 back and 1 watch pocket, regulation color, cotton and wool mixed, with or without stripe, per dozen pairs, - $24.00

GYMNASIUM SHOES.

No. 211A—Golden bal., kangaroo calf, genuine elk sole, Goodyear stitched, high cut, - - per dozen pairs $54.00

No. 247G—Golden bal., bright dongola, machine sewed, horsehide sole, high cut, - - - per dozen pairs 36.00

No. 210A—Golden oxfords, kangaroo calf, elk sole, Goodyear stitched, low cut, per dozen pairs, - - - - - $48.00

No. 246G—Golden oxfords, bright dongola, machine sewed, horsehide sole, low cut, - - - per dozen pairs 30.00

TENNIS SHOES.

Champion Canvas Uppers with Rubber Soles, Cemented, Black or White.

No. 75—Men's Balmorals, per dozen pairs $21.00

No. 85—Boys' Balmorals, " " 20.00

No. 95—Women's Balmorals, per dozen pairs, - - - - - - - 20.00

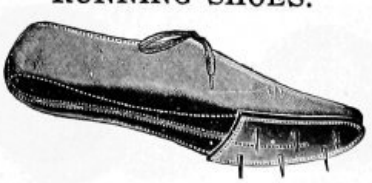
Champion Canvas Uppers with Rubber Soles, Cemented, Black or White.

No. 80—Men's oxfords, - per dozen pairs $18.00

No. 90—Boys' oxfords, - " " 17.00

No. 100—Women's oxfords, " " 17.00

RUNNING SHOES.



No. 306—Golden patent, genuine kangaroo, best English spikes, special last, highest grade workmanship, per dozen pairs $60.00

No. 314—Golden patent, selected kangaroo calf, best English spikes, special last, perfect workmanship, per dozen pairs 48.00

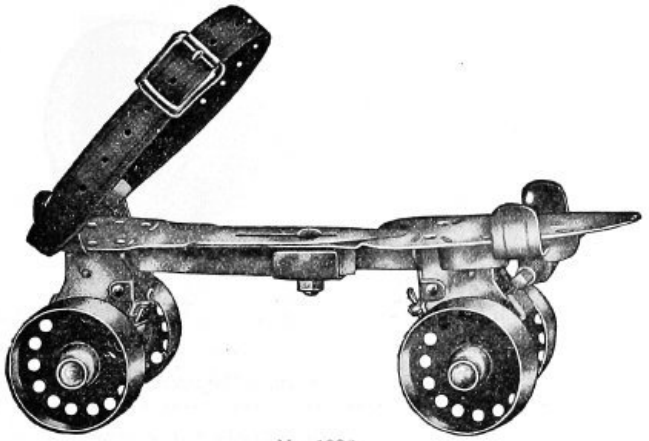
No. 324—Golden patent, Essex kangaroo, good quality spikes, special last, machine sewed, - - per dozen pairs 36.00

ONE PAIR IN A BOX.

SPECIAL GYMNASIUM CATALOGUE SENT UPON APPLICATION.

BARNEY & BERRY'S ROLLER SKATES.

EXTENSION.



No. 1926.

Best Cold Rolled Steel Top, Balance of Parts Best Open Hearth Steel, Grain Leather Straps, Made in One Size Only, Adjustable From 8½ to 11½ Inches.

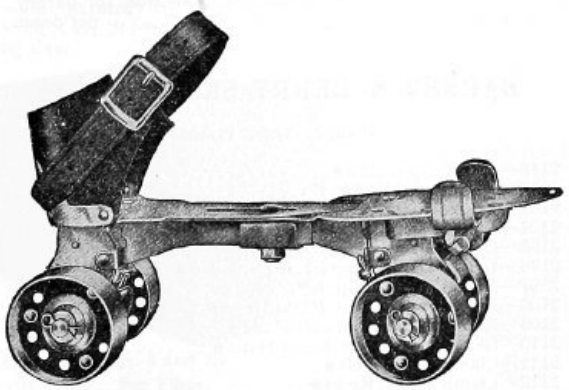
No. 1926—Men's, *ball-bearing*, full nickel plated and buffed, steel rolls, w't per doz. prs. 60 lbs.....per dozen pairs $54.00

No. 1925—Men's, fitted with new Ideal ball-bearing rolls, bright finish, w't per doz. prs. 54 lbs.....per dozen pairs 38.40

ONE PAIR IN A BOX.

No. 1921—Men's, plain bearing, bright finish, steel rolls, w't per doz. prs. 56 lbs.....per dozen pairs 18.00

ONE PAIR IN A PACKAGE.



No. 1927.

Best Cold Rolled Steel Top, Balance of Parts Best Open Hearth Steel, Grain Leather Straps, Made in One Size Only, Adjustable from 8 to 10½ Inches.

No. 1928—Ladies', *ball bearing*, full nickel plated and buffed, steel rolls, w't per doz. prs. 60 lbs.....per dozen pairs $54.00

No. 1927—Ladies', fitted with new Ideal ball-bearing rolls, bright finish, w't per doz. prs. 54 lbs.....per dozen pairs 38.40

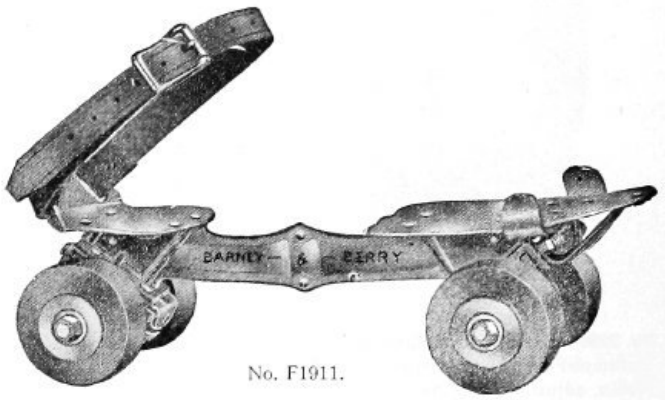
ONE PAIR IN A BOX.

No. 1923—Ladies', plain bearing, bright finish, steel rolls, w't per doz. prs. 56 lbs.....per dozen pairs 18.00

ONE PAIR IN A PACKAGE.

The new Barney and Berry extension roller skates have all of the features best adapted for good, serviceable skates. The truss construction is so applied as to make a rigid skate at any extended point, in fact more rigid and firm than many non-extension skates. The rubber cushion action is entirely new and of great merit.

BALL BEARING, RINK.



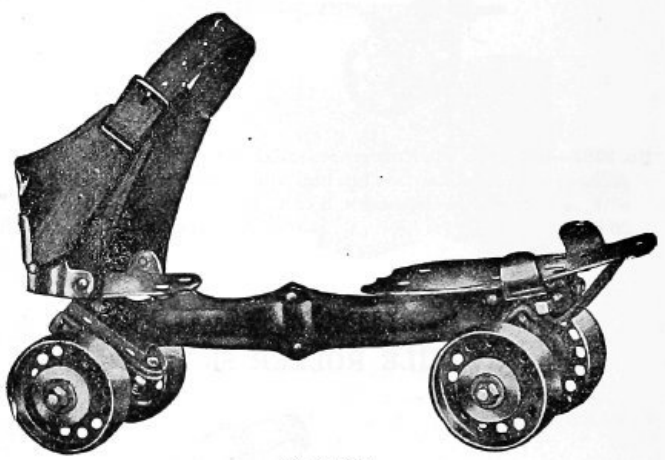
No. F1911.

Cold Rolled Sheet Steel Frame, Rubber Cushioned, Ball Bearings, Not Adjustable in Length, with Key Toe Clamp and Leather Half Heel Strap.

No. F1911—Men's, white finish, *fibre rolls*, sizes 9½, 10, 10½, 11 and 11½ in., w't per doz. prs. 65 lbs.....per dozen pairs $64.80

No. S1911—Men's, white finish, new pattern *steel rolls*, sizes 9½, 10, 10½, 11 and 11½ in., w't per doz. prs. 67 lbs., per dozen pairs..... 64.80

ONE PAIR IN A BOX.



No. S1913.

Cold Rolled Sheet Steel Frame, Rubber Cushioned, Ball Bearings, Not Adjustable in Length, with Key Toe Clamp and Leather Full Heel Strap.

No. F1913—Ladies', white finish, *fibre rolls*, sizes 8½, 9, 9½, 10 and 10½ in., w't per doz. prs. 65 lbs.....per dozen pairs $64.80

No. S1913—Ladies', white finish, new pattern *steel rolls*, sizes 8½, 9, 9½, 10 and 10½ in., w't per doz. prs. 67 lbs., per dozen pairs 64.80

ONE PAIR IN A BOX.

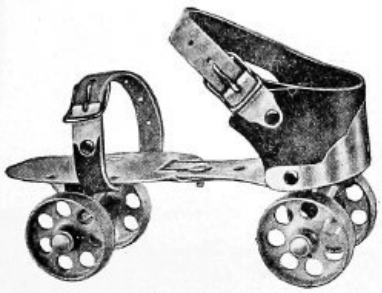
The frame being formed of two pieces of special cold rolled sheet steel, assures great strength and durability.

A brace of ample strength supports end of the plate, insuring against the weakness that has developed at this point in many other patterns.

Rubber cushions control and complete adjustment for wear. The ball bearings are dependable in every particular, universally pronounced the best rink skate on the market.

ROLLER SKATES AND PARTS.

SIDEWALK ROLLER SKATES.



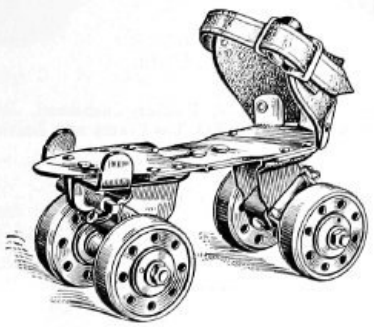
No. 2280.

No. 2280—Extension top, homogeneous steel foot plates, improved stamped steel roller carriers, full heel strap, with cast iron rolls, adjustable 8 to 10 in., w't per doz. prs. 26 lbs., per dozen pairs..... $8.40

No. 2380—With half heel strap, otherwise same as No. 2280, per dozen pairs..... 7.80

No. 2282—Extension top, homogeneous steel foot plates, improved stamped steel roller carriers, full heel strap, screw clamp on toe, with cast iron rolls, adjustable 8 to 10 in., w't per doz. prs. 26 lbs.....per dozen pairs $11.20

JUVENILE ROLLER SKATES.

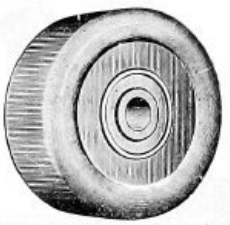


No. H1—CHICAGO, nickel plated frame, bright finish ball-bearing rolls, excellent rubber cushion, strong black grain leather strap and heel piece, patent nickel plated snap on heel strap, adjustable from 6 to 8 in., w't per doz. prs. 57 lbs. per dozen pairs $48.00

ONE DOZEN IN A BOX.

ROLLER SKATE ROLLS.

No. 25.



No. 16. Complete with Cups and Balls.

No. 17—Cast iron, for plain bearing skates..... per 100 $2.20

No. 12—Steel, polished, plain bearing..... " 7.50

No. 20—Hollow steel, ball bearing, for Union Hardware Co. skates per 100..... 15.00

No. 24—Barney & Berry Ideal, steel, complete with bearing for Nos. 1925 and 1927 skates, can also be used on Nos. 1921 and 1923, making them ball bearing..... per 100 24.00

No. 13—Web steel, for Winslow skates, polished, ball bearing with cases..... per 100 30.00

No. 25—Steel, ball bearing, complete ready for use, no adjustment necessary, can be used on any skate..... per 100 26.00

No. 16—Steel, ball bearing, complete ready for use, no adjustment necessary, can be used on any skate..... per 100 32.00

No. 19—Special fibre, 2⅛ in., with two ball cups, for Barney and Berry skates..... per 100 36.00

EXTRA KEYS.

No. 75—Blued case hardened steel, for Winslow skates .per dozen $ 0.80

No. 76—Combination key and wrench, malleable iron, for Barney & Berry skates..... .per dozen .48

BARNEY & BERRY SKATE PARTS.

Plain or Nickel Plated.

No. 2148	Hollow Steel Roll★ ..... each	$0.09
No. 2149	Klahn Steel Roll★..... "	.13
No. 2103	Ladies' Clamp Support, Left Hand★ ..... "	.04
No. 2104	Ladies' Clamp Support, Right Hand★ ..... "	.04
No. 2105	Gents' Clamp Support, Left Hand★ ..... "	.04
No. 2106	Gents' Clamp Support, Right Hand★ ..... "	.04
No. 2107	Ladies' Toe Clamp, Left Hand★ ..... "	.07
No. 2108	Ladies' Toe Clamp, Right Hand★ ..... "	.07
No. 2109	Gents' Toe Clamp, Left Hand★..... "	.07
No. 2110	Gents' Toe Clamp, Right Hand★ ..... "	.07
No. 2111	Clamp Screw, Left★..... "	.07
No. 2112	Clamp Screw, Right★ ..... "	.07
No. 2113	Toe Clamp Washers, 5–16 hole★.....per dozen	.04
No. 2117	Russet Strap with Guard, 14x⅝★ .....each	.11
No. 2118	Russet Strap with Buckle and Guard, 5x⅝★ ..... "	.11
No. 2124	Ladies' Heel Strap, Right★ ..... "	.20
No. 2125	Ladies' Heel Strap, Left★ ..... "	.20
No. 2123	Steel Band for Nos. 2124 and 2125★ ..... "	.04
No. 194	Rivets used with No. 2123★.....per gross	.20
No. 2144	Extension Locking Bolt★ .....each	.04
No. 2134	Extension Locking Plate★..... "	.04
No. 2142	Rubber Cushion, size 1x⅝x7–16★ ..... "	.05
No. 2139	Cushion Locking Piece★ ..... "	.04
No. 2141	Cotter Pin★ ..... per dozen	.04
No. 2143	Plain Bearing Axle★.....each	.04
No. 2067	Ball Bearing Steel Roll★ ..... "	.29
No. 20845	Retained Bearing Complete★ ..... "	.13
No. 20815	Ball Bearing Axle, 3 15–16 in. long★ ..... "	.09
No. 2055	Nut for Axle and Extension Bolt★ ..... "	.04
No. 2058	Lock Washer for Axle★ .....per dozen	.04
No. 2086	Thin Space Washer for Cones★ ..... "	.03
No. 2082	Heavy Axle Washer★..... "	.04
No. 2060	Dust Cap for Ball Bearing Roll★.....each	.03
No. 2150	Key★ ..... "	.0[illegible]

★ *FACTORY SHIPMENT ONLY.*

CAMERAS.

BUSTER BROWN BOX.

For Films.

No. BB2—Exposure $2\frac{1}{4}\times3\frac{1}{4}$, size $5\frac{1}{2}\times4\frac{1}{8}\times3\frac{1}{2}$ in., w't 11 oz.....each $3.40
Carrying Case..... " 1.70

Designed with special reference to the wants of those wanting a good camera for little money. Fitted with a fine quality lens and shutter for both snapshot and time exposures.

ANSCO BOX.

For Films.

No. 1—For pictures $3\frac{1}{2}\times3\frac{1}{2}$ in., size $5\frac{1}{2}\times4\frac{3}{4}\times4\frac{3}{8}$ in., w't 19 oz.....each $7.70
Carrying Case..... " 2.60

Nos. 3 and 23.

For Films.

No. 2—For pictures $3\frac{1}{4}\times4\frac{1}{4}$ in., size $6\frac{1}{2}\times5\frac{1}{2}\times4\frac{3}{4}$ in., w't 30 oz.....each $11.10
Carrying Case..... " 2.60
No. 3—For pictures 4×5 in., size $8\frac{1}{4}\times6\times5\frac{1}{8}$ in., w't 40 oz.....each 13.00
Carrying Case..... " 2.60
No. 23—For pictures $3\frac{1}{4}$ x $5\frac{1}{2}$ in., size $6\frac{3}{4}$x$5\frac{1}{2}$x$7\frac{1}{2}$ in., w't 41 oz.....each 11.80
Carrying Case..... " 2.60

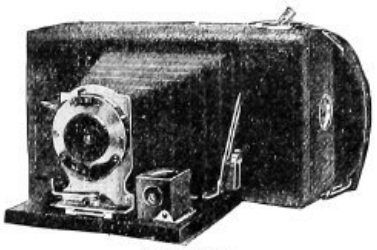
All Ansco box cameras are recommended for snapshot work. Always ready for action, for the single achromatic lens with which they are fitted is of the fixed focus style. The shutter with three diaphragms is arranged to give two degrees of speed as well as time exposures and are provided with socket for tripod screw.

Each camera is complete in itself and has no loose parts to become broken or lost.

They are provided with brilliant finders of the best quality and are covered with genuine seal leather; all parts are nickel plated.

Adapted to the use of the daylight-loading film-cartridge system.

BUSTER BROWN FOLDING.

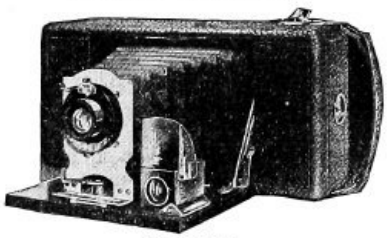


For Films.

No. F1—Folding, makes $2\frac{1}{4}\times3\frac{1}{4}$ in. exposure, size $3\frac{1}{2}\times6\frac{3}{4}\times1\frac{3}{4}$ in., w't 14 oz.....each $11.00
Carrying Case..... " 2.20

A very compact camera and fitted with a fine meniscus lens with diaphragm and with a shutter for time and instantaneous exposures. It is also provided with a brilliant finder for horizontal and vertical pictures, also socket for tripod.

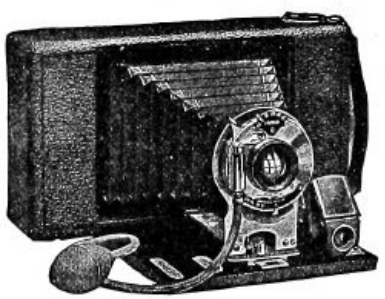
ANSCO FOLDING.



For Films.

Junior—Exposure $2\frac{1}{2}\times4\frac{1}{2}$ in., size $8\frac{1}{4}\times4\frac{1}{4}\times2$ in., w't 21 oz.....each $18.40
Carrying Case..... " 2.20

This is a very handsome compact camera with self-locking device, for bellows extension, covered with seal grain leather and fitted with a high grade fixed focus rapid rectilinear lens with diaphragms, 3-speed, time, bulb release and instantaneous shutter, also socket for tripod.



For Films.

No. 4—Exposure $3\frac{1}{4}\times4\frac{1}{4}$ in., size $8\times4\frac{1}{2}\times2$ in., w't 25 oz.....each $23.20
Carrying Case..... " 2.60

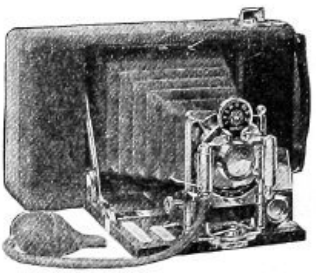
Fitted with double rapid rectilinear lens and Winner automatic shutter. Focal length of lens 5 in.

No. 5—Exposure 4×5 in., size $8\frac{3}{4}\times5\frac{1}{8}\times2$ in., w't 31 oz.....each $28.50
Carrying Case..... " 2.60

Fitted with rapid rectilinear lens and Winner automatic shutter. Focal length of lens $5\frac{1}{4}$ in.

These cameras are durable and reliable instruments which will permit the amateur to produce the highest kind of work. They are made of selected mahogany highly polished. The metal parts, with the exception of the shutter, are nickeled. The cameras are covered with black seal leather and are fitted with a Vidil focusing back. They have brilliant reversible finders and tripod sockets for both horizontal and vertical pictures.

ANSCO FOLDING.



For Films.

No. 6—For pictures $3\frac{1}{4}\times4\frac{1}{4}$ in., size $8\times4\frac{1}{2}\times2$ in., has rapid rectilinear lens and shutter, focal length of lens $5\frac{3}{4}$ in., w't 25 oz.....each $30.70
Carrying Case..... " 2.60

No. 7—For pictures 4×5 in., size $8\frac{3}{4}\times5\frac{1}{8}\times2$ in., fitted with rapid rectilinear lens and shutter, focal length of lens $6\frac{1}{4}$ in., w't 31 oz. .....each 39.10
Carrying Case..... " 2.60

These cameras have rack and pinion for accurate focusing; rising and lowering and laterally shifting front. Are of mahogany, highly polished. The metal parts, with the exception of the shutter, are nickeled and the cameras are covered with black grain leather. They are fitted with an exceptionally good lens, with a covering capacity designated as F8. The shutter is a double valve new automatic. In other respects they are the same as the Nos. 4 and 5.

For Films.

No. 9—For pictures $3\frac{1}{4}\times5\frac{1}{2}$ in., size $9\frac{1}{2}\times4\frac{1}{2}\times2$ in., fitted with rapid rectilinear lens and Winner shutter, stationary front, focal length of lens $5\frac{3}{4}$ in., w't 35 oz. ..... each $30.70
Carrying Case..... " 2.60

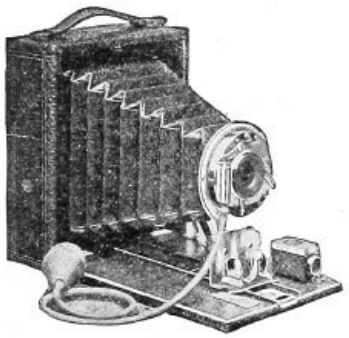
No. 9—Fitted with No. 1 Goerz anastigmat lens, series III with new automatic shutter, w't 35 oz. ★.....each 106.00
Carrying Case..... " 2.60

No. 10—For pictures $3\frac{1}{4}\times5\frac{1}{2}$ in., size $9\frac{1}{2}\times4\frac{1}{2}\times2$ in., fitted with new automatic shutter, front rising and lowering and shifting laterally, rapid rectilinear lens, focal length of lens $5\frac{3}{4}$ in., w't 35 oz..... each 39.10
Carrying Case..... " 2.60

These cameras represent the highest grade of workmanship. A very popular size, for the reason that it allows great scope in photographing landscapes and permits making beautiful panel portraits, especially when using the Ansco portrait attachment. In all other respects they are the same as the preceding Folding Anscos.

SEND FOR SPECIAL ANSCO BOOKLET. ★ *FOR FACTORY SHIPMENT ONLY.*

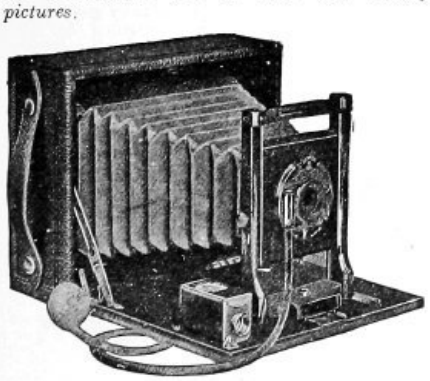
SENECA CAMERAS.



For Plates.

No. S29—Size picture 4×5 in., size 6⅛×5⅛×2 in., complete with one regular plate holder, w't 24 oz...each $11.20

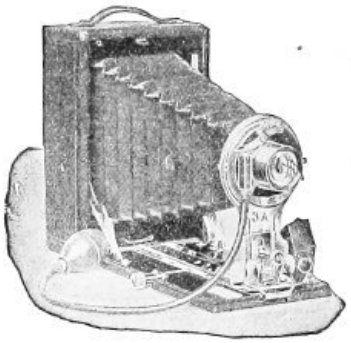
The Pocket Seneca is made of selected cherry with ebonized finish and has but one side arm. It presents a very neat appearance and for the price asked there is none better made. It is designed especially for the beginner who desires a pocket instrument at a moderate price. It possesses a Uno shutter and rapid rectilinear Lens. The holder furnished is the regular Seneca and with each camera we include a book of instructions and also a manual giving full instructions how to take and develop pictures.



For Plates.

No. S2—Takes pictures 4×5 in., size 6×5¼×2⅜ in., ebony finished camera box, corners dovetailed and covered with seal grain leather, solid mahogany camera bed ebony finished, attached to camera with improved nickel plated piano hinge, brass metal parts, handsomely nickel plated, black Russia leather bellows lined with gossamer cloth, complete with one double adjustable plate holder and carrying case, w't 28 oz..... each $14.70

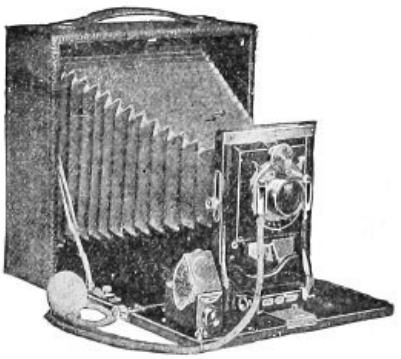
Designed to meet the requirements hitherto unprovided for, and embrace features that make them distinctly popular among those desiring a completely equipped instrument at an extremely low price. Is fitted with a high grade rapid rectilinear lens with Uno shutter, requiring only a pressure of the bulb for an exposure, or if desired the finger release may be used. A carrying case is supplied, with accommodations for the camera in one end and extra plate holders in the other.



For Plates.

No. SA3—Pocket, size picture 3¼×5½ in., post card size; size camera, 6⅞×4½×2⅜ in.; focal capacity, 9½ in.; rising and falling front, metallic, reinforced; removable spring back; ground glass panel for focusing; rack and pinion for fine focusing, with locking device; two tripod sockets; brilliant and reversible finder, metal bound, hooded; Seneca Uno shutter, with bulb and tube attachment; rapid rectilinear lens, special focus, 7 in.; genuine leather bellows; improved Seneca camera plate holder, each..... $18.70

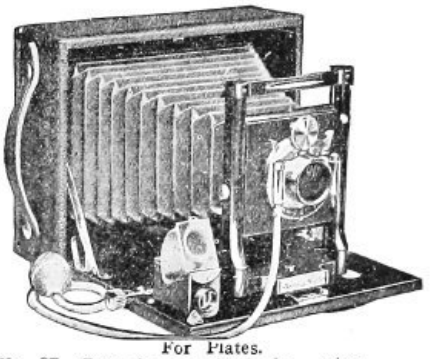
The Pocket Seneca is adapted to the use of both dry plates and film packs. It may be used for profit as well as pleasure—a size that just nicely covers a postal card. It possesses a rack and pinion, made in a compact manner, and at a very reasonable price.



For Plates.

No. S5—Takes pictures 4×5 in., size 6×5¼×2⅜ in., ebony finished camera box, corners dovetailed and covered with seal grain leather, solid mahogany camera bed, ebony finished, attached to camera with improved nickel plated piano hinge, brass metal parts handsomely nickel plated, black Russia leather bellows lined with gossamer cloth, complete with one double plate holder and carrying case, w't 28 oz., each $21.35

Built upon very strong and rigid lines, possessing lightness and compactness. It is equipped with the celebrated Duo double valve shutter and the well-known rapid rectilinear lens. In using this improved shutter it enables the operator to use different speeds of exposure, ranging from one second to one one-hundredth part of a second. The equipment permits of a variety of work.

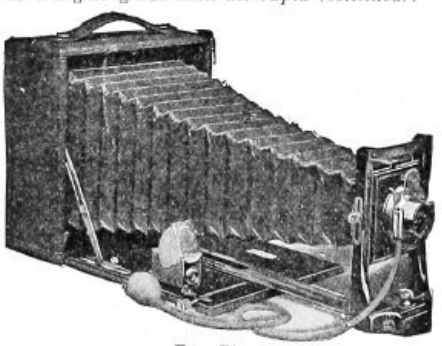


For Plates.

No. S7—For pictures 4×5 in., size 6×6×3 in., ebony finished camera box, corners dovetailed and covered with walrus grain leather, solid mahogany camera bed, ebony finished, attached to camera with improved nickel plated piano hinge, brass metal parts, handsomely nickel plated, black Russia leather bellows lined with gossamer cloth, complete with double adjustable plate holder and carrying case, w't 40 oz., each..... $29.35

No. S7—For pictures 5×7 in., size 8½×8½×3 in., w't 66 oz. ..... each 38.70

Perfect in design and compact in form. This instrument has obtained a world wide reputation for an all around business camera. It possesses a swing back, rising and falling front, hooded reversible brilliant finder, and also a rack and pinion. It is fitted with the celebrated Duo double valve shutter and Seneca symmetrical lens. The increase in draw of this camera is manipulated by a fine focusing attachment, and it also possesses a reversible back. The special features are that it possesses a swing back and the symmetrical lens, which is a higher grade than the rapid rectilinear.



For Plates.

No. S8—For pictures 4×5 in., size 6×6×3 in., ebony finished, camera box, corners dovetailed and covered with walrus grain leather, solid mahogany camera bed, ebony finished, attached to camera with improved nickel plated piano hinge, brass metal parts handsomely nickel plated, black Russia leather bellows lined with gossamer cloth, complete with double adjustable plate holder and carrying case, w't 44 oz., each $33.35

No. S8—For pictures 5×7 in., size 8½×8½×3 in., w't 66 oz.....each 44.00

Embraces features of a more pretentious nature than are to be found in the other numbers of the Seneca series described. Its length of draw and equipment of shutter makes the camera capable of a very wide range in photographic work. It is fitted with a double valve automatic shutter, and the Seneca triple convertible lens. The rear combination of the lens may be used alone, which nearly doubles the size of the image.

SEND FOR SPECIAL SENECA BOOKLET.

LENSES AND PLATE HOLDERS.

IDEAL PORTRAIT LENSES.

With Adjustable Springs.

	DIAM. IN INCHES.	FOR CAMERA.		
No. 1	1 5/16	4×5	each	$2.25
No. 2	1 5/16	5×7	"	2.25
No. 3	For box cameras		"	2.25
No. 4	1 7/16	4×5	"	2.25
No. 5	1 7/16	5×7	"	2.25
No. 6	1½	4×5	"	2.25
No. 7	1½	5×7	"	2.25
No. 8	1¾	any size	"	3.00
No. 9	2	any size	"	3.75
No. 10	2¼	any size	"	4.15
No. 11	2½	any size	"	4.50
No. 12	2¾	any size	"	4.90
No. 13	3	any size	"	5.25

The purpose of these lenses is to increase the light-gathering power of the ordinary rectilinear lenses that are supplied with all modern hand cameras.

They are placed in front of the regular lens and effect an optical combination with it that changes it from a simple rectilinear lens, that normally produces negative images on a relatively small scale, to a practical, quick-acting portrait lens that enables the operator to produce portraits with it on as large a scale as the plate in use is capable of handling.

IDEAL DUPLICATORS.

No. 1—Diam. 1 5/16 in	each	$0.40
No. 2—Diam. 1 7/16 in	"	.40
No. 3—Diam. 1½ in	"	.40
No. 4—Diam. 1¾ in	"	.45
No. 5—Diam. 2 in	"	.45
No. 6—Diam. 2¼ in	"	.55
No. 7—Diam. 2½ in	"	.55
No. 8—Diam. 2¾ in	"	.60
No. 9—Diam. 3 in	"	.60

By attaching this instrument to the lens of any folding camera, any person or persons can be photographed in two positions on the same plate, without showing any division line where the two exposures meet on the plate. Many humorous pictures can be obtained in this way. Two persons can be photographed together in a group without either one having ever seen the other. The Duplicator is attached to the camera the same way as the Ideal Ray Filter, and the duplicator can be turned around so that the image can be thrown on any part of the plate.

IDEAL ENLARGING AND COPYING LENSES.

With Adjustable Springs.

	DIAM. IN INCHES.	FOR CAMERA.		
No. 1	1 5/16	4×5	each	$2.25
No. 2	1 5/16	5×7	"	2.25
No. 3	For box cameras		"	2.25
No. 4	1 7/16	4×5	"	2.25
No. 5	1 7/16	5×7	"	2.25
No. 6	1½	4×5	"	2.25
No. 7	1½	5×7	"	2.25

The Ideal Enlarging and Copying Lens is made to be used in combination with any photographic objective lens, increasing its power for copying to at least twice its capacity.

It will enable those possessing cameras that are not long focus instruments to photograph small articles to their full size or even larger, if it is desired. It will be found invaluable for copying pictures, making lantern slides by reduction with a short bellows hand camera and photographing small objects.

IDEAL RAY FILTERS.

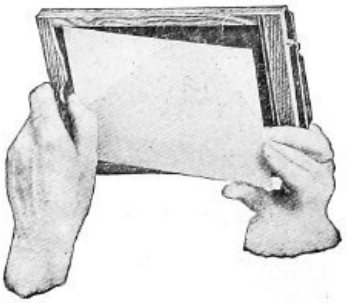
No. 0—For No. 3 F. P. K.	each	$1.50
No. 1—Diam. 1 5/16 in	"	1.50
No. 2—For box cameras	"	1.50
No. 3—Diam. 1 7/16 in	"	1.50
No. 4—Diam. 1½ in	"	1.50
No. 5—Diam. 1¾ in	"	1.90
No. 6—Diam. 2 in	"	2.25
No. 7—Diam. 2¼ in	"	2.65
No. 8—Diam. 2½ in	"	3.00
No. 9—Diam. 2¾ in	"	3.40
No. 10—Diam. 3 in	"	3.75
No. 11—Diam. 3¼ in	"	4.50
No. 12—Diam. 3½ in	"	5.25
No. 13—Diam. 4 in	"	6.40
No. 14—Diam. 4½ in	"	7.50

Prices of square filters and special sizes on application.

This Ray Filter can be used with any make of dry plate on the market. It gives true color value to all objects in a picture, whether landscapes, snow scenes, interiors, flowers, portraits, etc. It should be used in photographing mountains or distant objects. It prevents halation, as it absorbs the rays that cause it. The most beautiful cloud effects are obtained with it.

Mounted in nickel-plated cells with adjustable springs, and supplied in neat circular plush lined cases, which can be used for a cap when the filter is over the lens.

SENECA PLATE HOLDERS.



Steel Spring Bar.

3¼×4¼ in	each	$1.10
4 ×5 in	"	1.10
5 ×7 in	"	1.35

Seneca Improved, Wood Bar.

3¼×5½ in	each	$1.35

To hold plate for No. 3A Seneca Cameras.

Seneca Plate Holders are the best seasoned cherry, and the grooves are accurate and smooth inside, insuring freedom of action. To load them, rest the end of the plate against the spring bar at the end, then by simply pressing the bar with the finger the plate falls into place. To unload, press the bar and let the plate rest against the fingers, when it may be taken from the holder. We are furnishing all of our plate holders, unless otherwise specified, with black press-board slides, especially prepared to prevent warping, swelling, etc., caused by change of temperature. In this way we avoid many of the faults blamable to hard rubber. We recommend press-board slides in every instance.

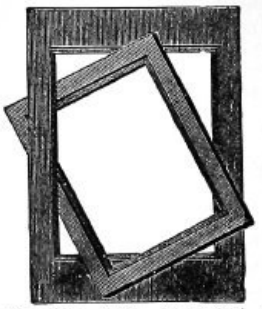
ADJUSTABLE PLATE HOLDERS.

4 × 5 in.—For plates 4×5, 3¼×4¼ and 3½×3½ in	each	$1.70
5 × 7 in.—For plates 5×7, 4¼×6½, 4×5 and 3¼×4¼ in	each	1.70
6½× 8½ in.—For plates 6½×8½, 5×8, 5×7 and 4¼×6½ in	each	2.40
8 ×10 in.—For plates 8×10, 6½×8½, 5×8 and 5×7 in	each	2.80

These plate holders carry and automatically center plates of a size smaller than the holder. When plates the full size of the holder are used, the springs are pushed back and held in a recess. The holders are made to fit all the leading cameras on the market.

Seneca plate holders will fit the following cameras: Century, Korona, Premo and Poco.

PLATE KITS.

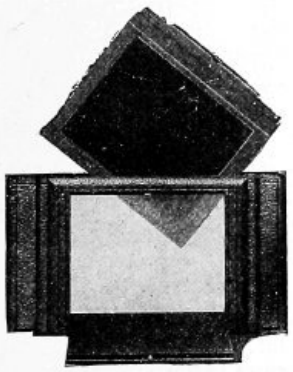


4 × 5 in.—To hold 3¼×4¼ in. plates	each	$0.30
5 × 7 in.—To hold 4×5 in. or smaller, each		.35
6½× 8½ in.—To hold 5×7 in. or smaller, each		.45
8 ×10 in.—To hold 6½×8½ in. or smaller	each	.60

Kit consists of thin wooden frames, made to fit in the dry plate holder, and with rabbets for holding smaller sized plates.

PHOTOGRAPHIC SUPPLIES.

ANSCO DRY PLATE ATTACHMENTS.



Ansco Dry Plate Attachment, complete, each $6.00

This attachment, or rather interchangeable back, is supplied for those who desire to use dry plates instead of films in the Ansco cameras Nos. 4, 5, 6, 7, 9 and 10.

When the Ansco dry plate attachment is substituted for the film back, the Ansco camera does not vary in appearance. It remains the same only that it takes a double dry plate holder. It is not, therefore, a make-shift, as heretofore sold by other manufacturers. An Ansco fitted with this attachment is the most compact, practical and efficient dry plate camera on the market.

SENECA FILM PACK ADAPTER.

Loaded Ready for Use.

Front View.

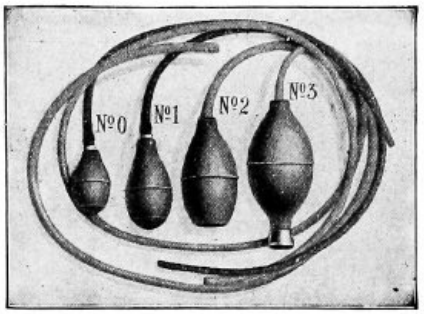
3¼x4¼ in.	each	$1.50
4 x5 in.	"	1.90
3¼x5½ in.	"	1.90
5 x7 in.	"	3.00

Film can be used in a plate camera by its use It is the only perfect adapter for film packs. It is made of aluminum and cherry with a press board slide, and is interchangeable with the plate holders. There are no hinges to become loosened and perhaps spoil the film It is light tight. The use of ground glass for focusing purposes while using film for exposures is made possible by this adapter. Can be used with any plate camera.

We do not furnish the film packs.

ONE IN A BOX

CAMERA BULBS.



No. 0—For pocket cameras	each	$0.30
No. 1—2½×1⅜ in., bulb	"	.35
No. 2—3¼×1½ in., bulb	"	.50
No. 3—3½×1¾ in., bulb	"	.75

These bulbs and hose are made of the finest quality pure rubber. They are very elastic and can be fitted to any shutter. The Nos. 0 and 1 sizes are of red rubber, and the other two sizes of white rubber. The No. 3 bulb is fitted with a wooden plug, and is especially adapted for studio shutters.

RUBBER TUBING.

Red, for camera shutters, same as supplied with bulbs	per foot	$0.09
White, for studio shutters	"	.08

METAL TRIPODS.

No. 11—3 sliding parts, adapted for cameras up to 4×5 in. ..... each $3.50

No. 12—4 sections, adapted for cameras up to 4×5 in. ..... each 4.20

To open the tripod, the several joints are pulled apart when they automatically set and cannot close, except by pushing a spring lever in upper joint. It is light and can be folded.

SLIDING TRIPODS.

No. 3—Maple, for 4×5 in. and 5×7 in. cameras ..... each $1.50

The legs are in three pieces, the center piece sliding in between the outer ones forming the lower section.

The lower section may be clamped at any desired length so that the tripod may be used at varying heights. They are of thoroughly seasoned spruce. The metal parts are all of brass, polished and lacquered.

No. 1—IDEAL, maple; length folded 19 in., supplied with wood head to match, covered with leather on top, fitted with standard thread screw, for 4×5 in. and 5×7 in. cameras ..... each $3.20

No. 2—IDEAL, hardwood; length folded 20 in., fitted with wood head to match, covered with felt on top, with universal camera screw, this is a very strong tripod, suitable for 5×7 in., 6½×8½ in. and 8×10 in. cameras ..... each 4.20

No. 7—IDEAL, especially recommended for the heavier 8×10 in. and 11×14 in. cameras. It is made of ash, with large top suitable for the cameras for which it is designed ..... each 6.00

All of the Ideal tripods are made to fold very compact. Each leg is composed of three sections, the lowest section slides into second, while the upper section folds back upon it.

The lower section may be clamped at any desired length (by means of a screw) so that tripod may be used at varying heights.

The heads are detachable, and are fitted with the standard thread camera screw which fits any camera.

The wood is selected, thoroughly seasoned, smoothed and varnished, and the metal fittings are of brass polished and lacquered.

PAPERS, PLATES AND FILMS.

CYKO DEVELOPING PAPER.

		DOZ.	GRO.
3¼x 4¼ in.	per package	$0.18	$1.80
3½x 3½ in.	"	.18	1.80
3¼x 5½ in.	"	.23	2.25
3⅞x 5½ in., Cabinets	"	.23	2.25
4 x 5 in.	"	.23	2.25
5 x 7 in.	"	.45	4.50
6½x 8½ in.	"	.75	7.50
8 x10 in.	"	1.05	10.50

A developing paper of unusual quality. Can be printed by weak daylight, gas, lamp or electric light. Develops in a few seconds, producing black and white pictures equal to platinum. The contrast grade is recommended for amateur work. The normal grade is especially adapted for portraits and amateur work.

DISCO PRINT PAPER.

		DOZ.	HALF GRO.	GRO.
3½x 3½ in.,	per package	$0.13		$2.25
3¼x 4¼ in.	"	.13		2.25
3¼x 5½ in.	"	.16		1.65
4 x 5 in.	"	.16		1.65
5 x 7 in.	"	.36	$1.95	3.60
5 x 8 in.	"	.36	2.15	4.05
6 x 8 in.	"	.48	2.65	5.40
6½x 8½ in.	"	.53	2.85	5.70
8 x10 in.	"	.72	4.20	8.80

Disco gloss is a gelatine-chloride emulsion (a gelatine paper) for daylight work.

ARGO DEVELOPING PAPER.

For Artificial Light.

		DOZ.	HALF GRO.	GRO.
3½x 3½ in.,	per package	$0.16	$0.85	$1.60
3¼x 4¼ in.	"	.16	.85	1.60
3¼x 5½ in.	"	.20	1.05	2.00
4 x 5 in.	"	.20	1.05	2.00
3⅞x 5½ in.	"	.20	1.05	2.00
5 x 7 in.	"	.40	2.15	4.00
6½x 8½ in.	"	.66	3.60	6.70
8 x10 in.	"	.80	4.45	8.65

An ideal developing paper, for contrasty effects or soft negatives, soft effects and contrasty negatives, and for very intense and contrasty negatives.

For contrasty effects or soft negatives use carbon matte, carbon gloss, carbon rough, or carbon cardboard. For soft effects and contrasty negatives use portrait matte, portrait gloss, portrait rough or portrait cardboard. In ordering be particular to specify for what effects desired.

BLUE PRINT PAPER.

Inches	3¼x4¼	4x5	5x7
Per tube of 24	$0.21	.26	.46

This is an extra brilliant blue print paper and must not be classed with the ordinary papers that are on the market. It is especially prepared for the amateur trade, and is guaranteed for one year from date of manufacture. Clear whites, deep shadows, delicate half tones, and superior keeping qualities are its features.

ARGO POST CARDS.

Packages of 1 dozen.....per package $0.20
Packages of ½ gross..... " 1.00

CYKO POST CARDS.

Packages of 1 dozen.....per package $0.23
Packages of ½ gross..... " 1.13

These are the same size as the ordinary postal card and are used for making souvenir views illustrating incidents and scenes of interest on a person's trip.

INGENTO BLUE PRINT POSTALS.

These cards produce brilliant blue-tone prints, that for beauty and for permanency cannot be surpassed.

The process is so simple that the youngest amateur in photography can understand its theory and secure excellent results.

No chemicals are required; merely print in sunlight, then wash in plain water.

These Postal Cards are packed in hermetically sealed metal cans containing 12 cards and full directions for using.

In cans of 12.....per can $0.23

DRY PLATES.

Stanley.

3¼x4¼ in.	per dozen	$0.54
3½x3½ in.	"	.48
3¼x5½ in.	"	.78
4 x5 in.	"	.78
5 x7 in.	"	1.32

One of the best for amateur work, very rapid and responds quickly and evenly to the developer, is positively uniform in results.

Seeds 26X.

3¼x4¼ in.	per dozen	$0.68
3½x3½ in.	"	.60
3¼x5½ in.	"	.98
4 x5 in.	"	.98
5 x7 in.	"	1.65

Very rapid, especially desirable for amateur work.

Seeds 27 Gilt Edge.

3¼x4¼ in.	per dozen	$0.72
3¼x5½ in.	"	1.04
4 x5 in.	"	1.04
5 x7 in.	"	1.76

Extra rapid for instantaneous work.

Cramer Crown.

4x5 in.	per dozen	$0.98
5x7 in.	"	1.65

The most rapid plate made. It has good latitude and all the fine printing qualities that are so distinctive a feature of the Cramer plate.

It is recommended especially for hand cameras and instantaneous work and for large work and groups in the studio.

Cramer "Banner X."

4x5 in.	per dozen	$0.91
5x7 in.	"	1.54

Very rapid, with great latitude; gives a brilliant, quick printing negative, full of detail in the shadows, which prints as well as it appears. The Banner X plate is the best for general use in portrait photography.

5X7 IN., TWENTY DOZEN; BALANCE, THIRTY DOZEN IN A CASE.

Cramer Isochromatic.

4x5 in., instantaneous	per dozen	$1.04
4x5 in., medium	"	1.04

These plates give better color values without the use of a yellow screen than any other plate of the same rapidity. They are fully isochromatic when used with a pale yellow Roy Filter, which requires only a trifle longer exposure. On account of their high sensitiveness to yellow and artificial light, they are the best plates for flash-light exposures. Can supply in slow, medium and instantaneous.

THIRTY DOZEN IN A CASE.

ANSCO NON-CURLING FILMS.

	ROLL OF EXPOSURES. 6	12
1½x2, adapted to pocket kodak	$0.40	
1⅝x2½, adapted to No. 0 folding pocket kodak	$0.24	.40
2¼x2¼, for No. 1 Buster Brown and adapted to No. 1 Brownie	.24	
2¼x3¼, for No. 2 Buster Brown, No. 3 Buster Brown, No. 1 folding Buster Brown and adapted to No. 2 Brownie	.32	
2¼x3¼, adapted to No. 1 folding pocket kodak	.32	.64
3¼x4¼, for Ansco Jr. and adapted to No. 1A folding pocket kodak.	.40	.80
3¼x4¼, for Nos. 2, 4 and 6 Ansco cameras, also adapted to No. 3 folding pocket kodak, No. 3 Buck-Eye, No. 3 folding Hawk-Eye, Stereo Hawk-Eye or No. 3 Weno Hawk-Eye	.56	1.12
3½x3½, for No. 1 Ansco camera, also adapted to No. 2 folding pocket kodak, No. 2 Flexo, No. 2 Bulls-Eye, No. 2 Bullet, No. 2 Stereo kodak, No. 4 panorama kodak, Tourist Buck-Eye, No. 2 Weno Hawk-Eye, or No. 3 B Al Vista	.48	.96

	ROLL OF EXPOSURES. 6	10
3¼x5½, for Nos. 9 and 10 Ansco and adapted to No. 3A folding pocket kodak	$0.64	1.12

	ROLL OF EXPOSURES. 6	12
4x5, for Nos. 3, 5 and 7 Ansco cameras, also adapted to 4 folding Buck-Eye, No. 4 Weno Hawk-Eye, 4 folding Hawk-Eye, No. 4 Bulls-Eye, No. 4 Bullet or No. 4 B and No 4 G Al Vista	$0.72	1.44
4¼x3¼, adapted to No. 3 cartridge kodak	.56	1.12
5x4, adapted to Nos. 5 B, 5 D, 5 F, No. 5 Al Vista cameras or No. 4 cartridge kodak	.72	1.44
7x5, adapted to No. 7 D, No. 7 E, No. 7 F, Al Vista cameras or No. 5 cartridge kodak	1.28	2.56
4x5, R-H, adapted to 4 horizontal roll holder		1.44
4¼x3¼, R-H, adapted to 3 vertical roll holder		1.12
5x4, R-H, adapted to 4 vertical roll holder		1.44
7x5, R-H, adapted to 5 vertical roll holder		2.56

FILM NEGATIVE ALBUMS.

No. 1—For 3½x3½ in. film negatives, or smaller, each	$1.20
No. 2—For 3¼x4¼ in. film negatives, each	1.60
No. 3—For 4x5 in. film negatives, each	1.60
No. 4—For 5x7 in. film negatives, "	2.40
No. 5—For 3¼x5½ in. film negatives, each	1.60

Each album contains 100 envelopes or pockets made of tough transparent paper and numbered consecutively from 1 to 100. It also has an index ingeniously ruled and numbered for 100 entries. Thus by referring to the index one can at once determine the location of the desired film negative.

PHOTOGRAPHIC SUPPLIES.

DEVELOPING POWDERS.

These powders will develop all makes of plates, films, lantern slides, bromide papers, etc., in the most perfect manner.

They are complete in themselves—no other chemicals are required. They will keep any length of time in all climates. The youngest amateur will succeed with them. They can be carried in the pockets or sent through the mails.

No fear of breakage. Perfect for travelers, the powders being simply dissolved in four ounces of water in one minute. Six pairs of powders in each box. Sufficient to make 24 ounces of solution. Full directions printed on each envelope containing one set of powders.

Pyro.

No. 1—Boxes of six pairs of powders, each $0.30

This is a most excellent developer for negatives. The finest results can be obtained by its use. Its only disadvantage is its liability to stain, but with ordinary care this can be avoided.

Eiko-Hydro.

No. 2—Boxes of six pairs of powders, each $0.30

For portraits, outdoor views, etc., it is one of the best known reliable developers. It gives detail and density in harmonious proportions as the development proceeds and will not stain either negatives or fingers.

It is suitable for all makes of plates and films.

Hydrochinon.

No. 4—Boxes of six pairs of powders, each $0.30

This developer is especially suited for subjects requiring extreme contrasts with purity in the shadows, such as lantern slides, book illustrations and bromide papers and instantaneous exposures. Especially suitable for films and plates.

Hydro-Metol.

No. 5—Boxes of six pairs of powders, each $0.30

For general use the Hydro-Metol developer will be found the most satisfactory as having he *widest range of adaptability.* This developer gives a rich black deposit, clear whites with complete absence of stain. It is well suited for snapshots on plates and films, and developing papers. For an all around clean working developer this combination is hard to beat.

No. 6—Auto Tank, for use in connection with tank or standard development, boxes of six pairs of powders ....each $0.30

M. Q. (in Glass Tubes).

No. 8—Boxes of six tubes .....each $0.50

Pictures on developing paper affected by this preparation show all the details that were in the negative, and have a tone quality that is equaled only in platinum and carbon prints. The whites are pure; the gradations the softest imaginable; shadows and high-lights rich in detail, and the tone just right.

Negatives on plates or films developed with this preparation will be found to be brilliantly clear, free from stain or fog, and with perfect gradations and details. Always fresh and ready by simply dissolving the contents of the tubes in water.

M. Q. OUTFITS.

Outfit Complete—For developing and fixing Cyko, Velox and Argo paper, and films .....each $0.25

This is a trial size outfit, containing one Ideal M. Q. tube and trial size package of Ingento acid hypo, sufficient to develop and fix about fifty 4×5 in. prints. It can also be used for plates and films.

ANTI-FRICTION DEVELOPERS.

No. 12—Boxes of six tubes .....each $0.35

For lustre and glossy surface papers, put up in paraffine lined tubes, ready for use, six tubes sufficient for 24 oz. solution.

REVONOC HYDRO-METOL DEVELOPER.

For Plates, Films and Developing Paper.

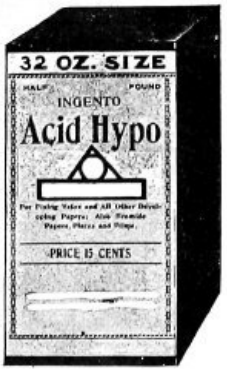
This is a powerful, quick acting developer in solution, ready for use when diluted with water. Every kind of plate, film or gaslight paper can be advantageously developed with it.

The chemicals contained in it are in such exact proportions as to give the greatest possible latitude for under or over exposures. This adaptability, together with the beautiful results it yields, makes it the most perfect developer for general use.

No. 2 REVONOC—36 oz. size, in 8 oz. bottles, each $0.30

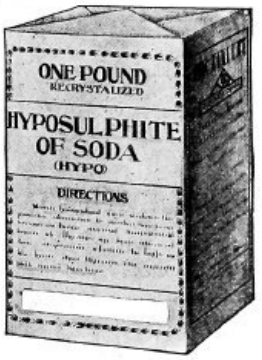
H. S. B. & CO.'S ACID HYPO.

This compound, for fixing Velox and other developing papers, plates and films, crystalline itself, makes a clean, clear solution that fixes. It is, by all odds, the most satisfactory fixing bath that has been shown on the American market, for it not only fixes papers, plates and films to perfection, but it also clears the whites, makes the shadows transparent and hardens the films. Plates and papers that have been fixed in this bath need no other hardening.



No. 1—Boxes (will make 16 oz.)....each $0.10
No. 2—½ lb. pkgs..... " .20
No. 3—1 lb. pkgs..... " .35

H. S. B. & CO.'S (HYPO).



No. 5—1 lb. boxes.....each $0.08

This is a fine selected hyposulphite of soda, either pea crystal or granular, for fixing plates or paper. The crystals are pure, transparent, small and easily dissolved.

Put up in strong, paper covered and sealed square carton boxes.

SEPALINE.

For Producing Brilliant Sepia Tones on Velox, Argo, Cyko, Bromide and Other Developing Paper, Transparencies and Lantern Slides.

Black and white prints on developing paper can be redeveloped at any time to a perfect sepia. It takes but two minutes to produce a finished sepia print, while by the old hypo-alum process it takes from six to twenty-four hours. Prints toned with sepaline are absolutely permanent and the results when finished are equal if not superior to sepia-tone platinums.

No. 8—Package sufficient for 300 cabinet prints..... .....each $0.60

NEG-DRY.

With Neg-Dry negatives can be dried in less than five minutes, after they have been washed by placing them in this preparation and then drying them by artificial heat. It makes the gelatine insoluble and eliminates all traces of hypo that may not have been washed out of the negative.

It makes the film hard and therefore no varnish is required. Neg-Dry is the best hardener made for printing papers. It overcomes all trouble experienced in handling papers during hot weather, and prevents prints from sticking to the ferrotype plate. Sold only in 4-ounce bottles.

Neg-Dry .....per bottle $0.40

PHOTOGRAPHIC SUPPLIES.

REVONOC TONING AND FIXING SOLUTION.

For Gelatine Printing-Out Papers, Including Solio, Royal White Star, Disco, etc.

This toning solution is rich in gold, and its ingredients are so proportioned that when the toning is completed the prints will be thoroughly fixed.

Prints may be immersed in this bath directly from the printing frame as they require no preliminary washing, and the toning and fixing proceed together very evenly and rapidly until the operation is completed.

This bath works perfectly with all makes of printing-out papers; the tones range from light sepia to a deep brown or black, and the results are permanent.

No. 2 REVONOC—28 oz. size in 8 oz. bottles, each $0.30

TONING AND FIXING TUBES.

No. 2—Tube for 12 oz. of solution ..each $0.15

REDUCING POWDERS.

No. 10—Box of 12 packages .....each $0.30

Negatives that are so dense as to be useless or that take hours to print through, can be quickly reduced to the correct density for quick printing by the use of these preparations.

CYANINE BLUE PRINT POWDERS.

Cyanine produces Prussian blue prints of royal tone readily and rapidly on paper, cards and fabrics.

Cyanine consists of one powder to be dissolved in plain water and is then instantly ready for use. It will keep indefinitely without deteriorating. It can be used successfully the first time by the youngest amateur. Prints made with cyanine may be toned at any time to sepia, brown, black or green. Full directions with each bottle. Sold only in sealed glass bottles.

No. 1—1 oz. bottles .....each $0.25
No. 4—4 oz. bottles ..... " .70

SOLINE.

A single application of this solution makes all kinds of cloth, paper and cards very sensitive to sunlight. It will be found invaluable for making prints on sofa pillows, banners, handkerchiefs, visiting cards, note paper, etc.

Soline is easily and quickly applied, and materials sensitized with it are printed like any ordinary photographic paper.

No. 12— 2 oz. bottles..... each $0.64
No. 18— 8 oz. bottles..... " 2.10
No. 20—16 oz. bottles..... " 3.60

POLISHING SOLUTION.

This solution is to be rubbed on the ferrotype plate. It absolutely prevents prints from sticking to the plate so that when the prints dry they peel off without tear or blemish and have a most magnificent glace polish.

No. 13.....each $0.15

RESTRAINING TABLETS.

Potassium bromide C. P. tablets are made of chemically pure potassium bromide and each tablet contains exactly ten grains. The use of potassium bromide has become so necessary that every amateur or professional photographer must use it in order to obtain satisfactory results in developing plates or papers.

No. 17.....each $0.15

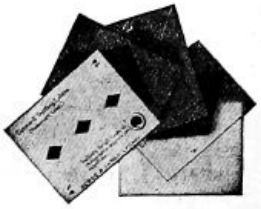
INTENSINE.

No. 19—Tubes ..... each $0.30

This is a powerful, quick-acting intensifier, in crystalline form, that dissolves instantly in water to make a single solution. When applied to thin, flat printing negatives it makes them strong and brilliant printers.

A tube of it making eight ounces of intensifying solution (enough for four or five dozen 4×5 in. plates), can be carried in the vest pocket.

DIAMOND SPOTTING COLORS.



No. 1—Per set of three colors.....each $0.20

This is the "catchiest" set of sporting colors that has ever been provided for amateur use. It is made from the choicest spotting and retouching pigments that are obtainable. It is a very attractive set and is as useful as it is attractive. This should be seen and used to be fully appreciated.

LUXO FLASH-LIGHT POWDERS.

Luxo is a magnesium flash powder, which is very quickly ignited, and is of great actinic power, producing very little smoke and being almost noiseless. It is without doubt the most popular flashlight compound on the American market, being used by all the best flashlight photographers.

It is put up in one and four-ounce wooden boxes. Owing to the danger incident to handling flash-light powder, Luxo is not put up in larger packages than four ounces. Flash-light powder cannot be sent by mail.

½-ounce boxes..... each $0.50
4-ounce boxes ..... " 1.70

LUXO FLASH CARTRIDGES.

No. 1—Small size.....per package $0.35
No. 2—Large size..... " .55

Luxo cartridges are made of Luxo flash powder put up in cartridge form, which is both safe and convenient. They are supplied with fuse ready to use. They yield a magnificent intense actinic light that has a powerful action on a sensitive dry plate, equal to a burst of sunlight. Put up in two sizes, each containing six cartridges.

PHOTOGRAPHIC OUTFITS, WASH BOXES, ETC.

DEVELOPING AND PRINTING OUTFITS.

No. 1—For negatives, 4×5 in. or smaller, complete in cardboard box .. ...each $1.60

Contents.

3 japanned trays.
1 printing frame.
1 ruby candle lamp.
Developing powders to make eight ozs., solution.
Toning powder to make eight ozs., solution.
1 lb. hypo.
1 4-oz. measuring glass.
1 doz. sensitized paper.
1 manual of instructions

No. 2—For negatives, 4×5 in. or smaller, complete in cardboard box.....each $2.40

Contents.

3 electrose trays.
1 ruby candle lamp.
1 printing frame.
1 box developing powders.
1 pkg. toning powders.
1 lb. hypo.
1 4-oz. measuring glass.
1 doz. sensitized paper.
1 manual of instructions

No. 3—For negatives, 4×5 in. or smaller, complete in cardboard box.....each $3.00

Contents.

3 electrose trays.
1 4-oz. graduate.
1 ruby candle lamp.
1 printing frame.
1 box developing powders.
1 pkg. toning powders.
1 negative drying rack.
1 print roller.
1 4-oz. jar paste.
1 paste brush.
1 doz. card mounts.
1 lb. of hypo.
1 doz. sensitized papers.
1 manual of instructions.

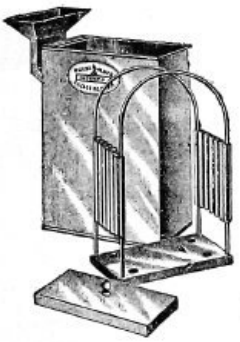
These outfits contain all the necessary apparatus, chemicals and material for the developing and fixing of plates, also for the printing, toning and mounting of prints. Our No. 3 outfit contains everything required for the production of the finished mounted photograph, except the camera, and is especially recommended. We guarantee everything contained in these outfits to be of the best quality.

FOCUSING CLOTHS.

No. 5—Focusing cloth is made of fine black serge cloth, coated on one side with rubber, which makes it perfectly light and waterproof. Each cloth is one yard square.....each $0.60

PACKED IN CARDBOARD BOX.

INGENTO DEVELOPING TANKS.

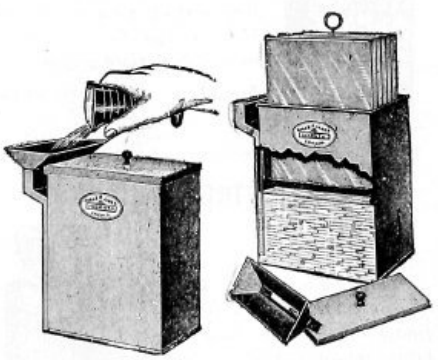


Style A.

For Developing, Fixing and Washing.

3¼× 4¼	in., or L. S.	each $3.40
3¼× 5½	in.	" 3.40
4 × 5	in.	" 3.40
5 × 7	in.	" 5.00
8 ×10	in.	" 8.50

Made of strong brass, polished and nickel plated, and fitted with removable rack with wide grooves to hold the plates.



Style B.

For Developing and Washing.

3¼× 4¼	in.	each $1.75
4 × 5	in.	" 1.75
5 × 7	in.	" 2.50
8 ×10	in.	" 3.50

These tanks are of heavy zinc, fitted with grooves which extend from the top downward and with our patent lifting bottom which allows the negative to be removed without dipping the fingers in the solution.

This tank cannot be used for fixing, as zinc will gradually disintegrate under the action of a Hypo solution.

Ingento Tanks "A" and "B" are made with six wide grooves to take six plates readily. Twelve plates can be developed at once by placing two in each groove with the backs together.

Outside of tanks A and B, and extending to the bottom, is a screened, light-tight tube by means of which the tank is filled through a funnel with the developer in daylight, the solution entering at the bottom of the compartment.

INGENTO PRINT WASHERS.

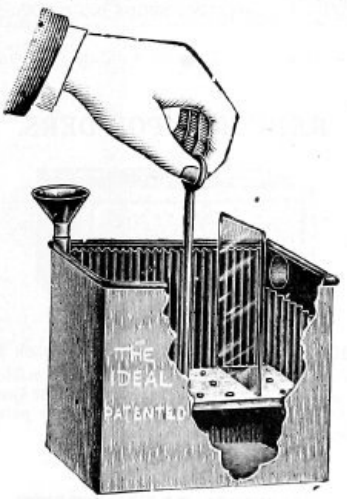
No. 1—For 4×5 in. prints, 10 in. diam., each $2.00

No. 2—For 5×7 in. prints, 12 in. diam., each 2.80

This print washer employs some scientific principles that have never before been applied for such a purpose, and the result is a washing apparatus in which the prints are thoroughly and separately washed without requiring the slightest attention during the operation.

The water is admitted through the side and at first takes a circular direction, following the side of the cylinder, but the circular motion is checked and converted into a centripetal one before the end of the first revolution by a simple device contained within the cylinder, so that the prints are kept constantly in its center and away from the outlet.

ADJUSTABLE WASH BOXES.



No. 2—Same size as No. 5 only very much heavier material and stronger throughout.....each $2.00

These washers are perfect in their construction. The water enters through the inlet tube and is carried to the bottom and is circulated over the whole area of the box. It is carried off through the outlet tube. The water can be carried to the box by attaching a rubber hose from the faucet to the inlet tube, or the box can be placed under the faucet and the water allowed to run into the funnel.

Our patent lifting bottom can be taken up by means of the rod in the center, so that the films can be held at the edge without scratching them.

The washer is constructed of heavy zinc throughout. If desired, the lifting bottom can be taken out entirely.

PHOTOGRAPHIC SUPPLIES.

ELECTROSE TRAYS.

4 × 5⅜ in. ..... each $0.14
5½ × 8½ in. ..... " .30
7 × 9 in. ..... " .48
8½ × 10½ in. ..... " .60

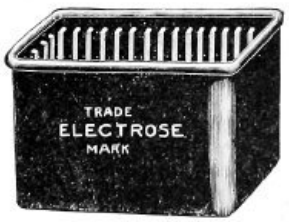
Electrose Trays are entirely seamless and consist of a solid mass of homogeneous material. Chemicals will neither affect nor discolor them. They are provided with an outpour lip. All corners in the interior of the tray are rounded.

IDEAL HARD RUBBER TRAYS.

4¼ × 5¼ in. ..... each $0.75
5¼ × 7¼ in. ..... " .92

For most purposes these hard rubber trays are the best as they are made of pure rubber (vulcanized). They cannot be attacked by any acid or chemical. They will last a lifetime, although constantly used. They are tight and strong and if accidentally broken can be repaired by revulcanizing. Where trays are in constant use, these will be found the most economical.

ELECTROSE FIXING BOXES.

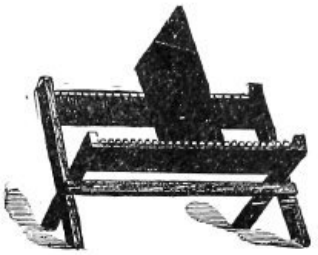


No. 1—For 3¼ × 4½ in. and 4 × 5 in. plates ..... each $1.50

No. 3—For 4 × 5 in. and 5 × 7 in. plates, each 2.25

This box is made of electrose, a chemical proof material which is vulcanized like hard rubber. It is made of one solid mass of the same material throughout, not coated or varnished. It will stand the action of hypo in solution in any form, plain or acid. It is the neatest and most practical box ever offered.

NEGATIVE DRYING RACKS.



No. 1—For 12 negatives ..... each $0.20

These racks are strongly and neatly made and fold up very compactly. The No. 1 is by far the best medium priced rack on the market. It is substantially built, has corrugated bars to hold the negatives, and is made of nicely finished cherry.

PHOTOGRAPHIC PASTE.

No. 846G—SNOW FLAKE, 2 oz., wide mouth office stand, with brush, w't per gro., 51 lbs. ..... per dozen $0.75

No. 844G—SNOW FLAKE, 4 oz., wide mouth office stand, with brush, w't per doz. 6¼ lbs. ..... per dozen 1.60

Will not mould or sour, nor discolor anything on which it is used.

NO. 846, THREE DOZEN; NO. 844, ONE DOZEN IN A BOX.

IDEAL FLASH GUNS.

No. 1—Complete with 4 in. powder pan ..... each $1.90

This is the latest novelty in flash-light powder igniters. The powder is set off by a match, which is lighted by being pushed through a barbed tube. The match is forced through by means of a spring which is released by a touch of the finger on the trigger. The action is instantaneous, sure and noiseless. The pan is one of the special features of this apparatus. It is long and shallow and is so constructed that the light is thrown forward and utilized to its greatest degree. The Ideal Flash Gun is made of brass and handsomely copper plated and oxidized.

BARCLAY GRADUATES.

4 oz. ..... per dozen $3.50
8 oz. ..... " 5.60
16 oz. ..... " 8.00

The Barclay graduates are gotten up to supply the demand for an accurate graduate at a low price. The lines and figures are pressed instead of engraved, which renders them readily seen when in the dark room.

TUMBLER GRADUATES.

4 oz. ..... per dozen $1.20
8 oz. ..... " 1.75
16 oz. ..... " 3 00

These graduates have pressed lines and figures and are accurately graduated.

FUNNELS.

Handy.. per dozen $1.80

As its name implies it is a handy funnel to have about for use with small bottles, having a capacity of 2 ounces. It has a groove on the side of neck so that the air is expelled while filling the bottle.

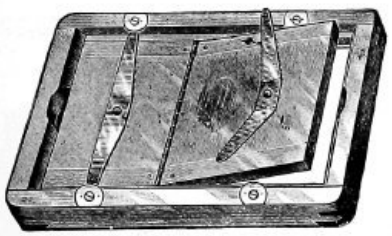
HYDROMETERS.

A hydrometer is an absolute necessity if you make up your own solutions, especially of soda mixtures, as different sodas vary greatly in strength. Our hydrometers have especially long tubes, which make them sensitive to the slightest variation in the specific gravity of the solution under test. Directions for use with each hydrometer.

No. 8—Including glass jar. each $0.40

PHOTOGRAPHIC SUPPLIES.

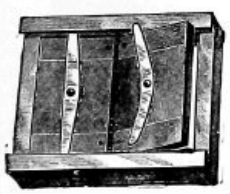
PRINT FRAMES.



IMPERIAL.

3¼×4¼ in., piano hinge	each	$0.54
4 ×5 in., piano hinge	"	.57
5 ×7 in., piano hinge	"	.75

These frames are fitted with countersunk piano hinges, which extend along the full width of the pressure board and which add to its strength, appearance and durability. They have extra heavy springs and large finger cut-outs, and are by far the best heavy printing frames on the market.

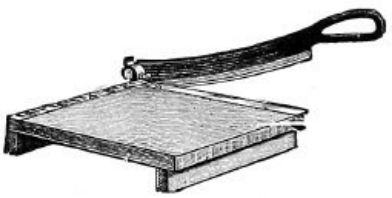


AMATEUR.

3½×3½ in., piano hinge	each	$0.30
3¼×4¼ in., piano hinge	"	.30
4 ×5 in., piano hinge	"	.30
3¼×5½ in., piano hinge	"	.36
3⅝×6 in., piano hinge	"	.36
5 ×7 in., piano hinge	"	.42

Is the highest grade of light frame made; has a steel countersunk piano hinge clear across, making it very durable and giving it a neat appearance.

TRIMMING BOARDS.



INGENTO.

6½ in	each	$2.00
8½ in	"	2.68

The blades of these boards are tempered steel, hollow ground, that keep a sharp edge and may be easily and quickly sharpened with an oil stone.
The board is of hard wood and polished.

IDEAL.

No. 1—For prints 4×5 in. .....each $0.65

These trimming boards are the latest addition to our line, and are especially gotten up to meet the demand for a low priced print trimmer. The boards are made of hard wood and shellac finished. The cutting knives are made of hardened steel and finely ground.

RUBBER PRINT ROLLERS.

4 in., black enameled	each	$0.25
6 in., black enameled	"	.40

The Ideal print rollers are made of the best material throughout. The handles are made of oak and polished, which make a comfortable grasp for the hand. The rollers are made of pure rubber with hardwood center, and revolve free and true in their frames. The pivots are specially manufactured for these rollers and are driven far into the hardwood center.

PUSH PINS.

No. 5G—Non-corrosive metal .per dozen $0.30

These will be found most practical for a great many purposes, especially for hanging up films and prints to dry.

RUBY OIL LAMPS.

No. 1G—Ideal ruby	each	$0.70
No. 2G—Ideal ruby, extra large	"	1.30
Extra ruby or orange glass for No. 1	"	.16
Extra ruby or orange glass for No. 2	"	.18

These lamps are made on improved and scientific plans, giving a volume of light never before obtained with this style of lamp. They are regulated and filled from the outside and they are fitted with a new patent burner which insures perfect combustion without smell or smoke. The front is fitted with both orange and ruby glass, making the light perfectly non-actinic.

PLATE BRUSHES.

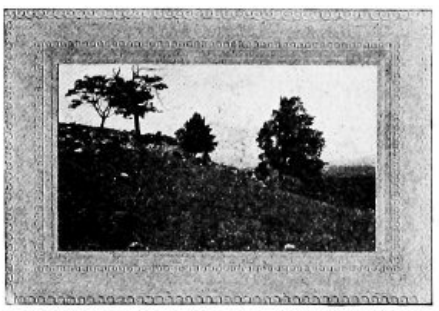
No. 2G—Camel's hair, 2 in. flat, for dusting plates and films, tin bound....each $0.60

FERROTYPE PLATES.

10×14 in., heavy for squeegeeing prints, per dozen $3.60

PHOTOGRAPHIC SUPPLIES.

COLLINS' CARD MOUNTS.



Mantello Portrait.

No. 874—For photograph 3¼×4¼ in., per 100 ..... $0.92

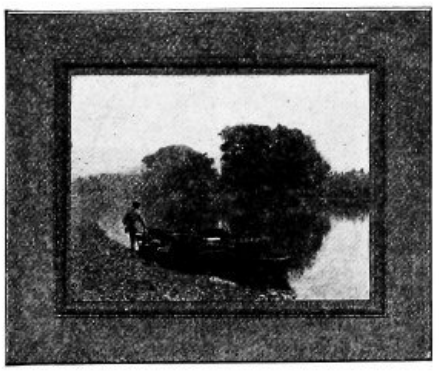
No. 876—For photograph 4×5 in., per 100 1.20

No. 892—For photograph 5×7 in., " 2.33

No. 896—For photographs 2¼x3¼ in., per 100 ..... 1.30

Panel center, embossed border white enameled, ash gray and burnite only.

NOS. 874, 876 AND 896, TWO HUNDRED; NO. 892, ONE HUNDRED IN A BOX.



Embossed.

No. 958XD—For photographs 3¼×4¼ in. ..... per gross $2.13

No. 958XE—For photographs 3¼×5½ in. ..... per gross 2.40

No. 958XG—For photographs 4×5 in., per gross 2.47

No. 958XJ—For photographs 5×7 in., per gross 4.00

Very neat in design, beveled edges, embossed lines around center in colors, which adds to the appearance of the mounted photograph, colors ash gray and carbon black, packed one gross in a box, wrapped in dozen packages for retail sales.

COLLINS' CARD MOUNTS.

Special View.

No. 641A—For photograph 3¼×4¼ in., per 100 ..... $1.20

No. 641B—For photograph 3¼×5½ in., per 100 ..... 1.47

No. 641C—For photograph 4×5 in., per 100 ..... 1.47

No. 641D—For photograph 5×7 in., per 100 ..... 2.33

Plain beveled edges, square corners, raised embossed lines around center, extra heavy stock in carbon black and ash gray only.

ONE HUNDRED IN A BOX.

Magnifico.

No. XD—For photographs 3¼×4¼ in., per 100 ..... $1.20

No. XG—For photographs 4×5 in., per 100 ..... 1.53

No. XJ—For photographs 5×7 in., per 100 ..... 2.47

A very attractive card, the white center gives a marked effect to the mounted print, white center, ash gray border with design.

NOS. XD AND XG, TWO HUNDRED; NO. XJ, ONE HUNDRED IN A BOX.

PHOTO CARDS.

No. 842A—For photographs 3¼×4¼ and 4×5 in. ..... per 100 $1.13

No. 842B—For photographs 5×7 in., per 100 ..... 2.34

Extra heavy stock, round corners, colors Scotch gray and carbon black.

NO. 842A, TWO HUNDRED; NO. 842B, ONE HUNDRED IN A BOX.

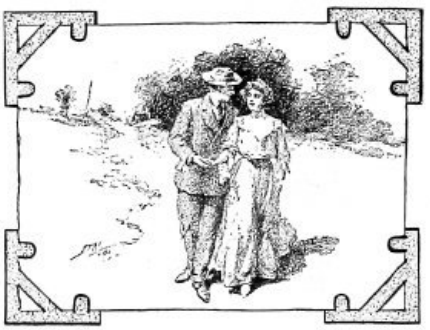
SUB-MOUNTS.

	NO IN PKG.	PER DOZ. PKGS.	PER BOX.
2¼x3¼ in.	35	$4.00	$10.80
2¼x4¼ in.	35	4.00	10.80
3¼x4¼ in.	35	4.00	10.80
3¼x5½ in.	25	4.00	10.80
4 x5 in.	25	4.00	10.80
5 x7 in.	25	4.00	10.80
6½x8½ in.	15	4.00	10.80
8 x10 in.	15	4.00	10.80

Furnished in light gray, black, sepia, dark gray and white. The corners of the picture need simply be slipped into the slits of sub-mount, the adhesive back moistened, either with a brush or sponge, or by pressing upon a wet cloth, and rubbing into contact with your mount, no paste required. Always specify color desired.

36 PACKAGES IN A BOX.

ART CORNERS.



Per doz. pkgs. $1.60

Per box 6.00

Furnished in light and dark gray, sepia and black, the corners of the picture need simply be slipped into the slits of Art Corners, moisten back and press corners firmly on mount or album leaf, no paste required. Keeps album leaves perfectly flat and smooth, made round and square.

100 IN A PACKAGE, 48 PACKAGES IN A BOX.

PHOTOGRAPHIC SUPPLIES.

FLEXIBLE ALBUMS.

Black or Green English Cloth Binding.

Nos.	401	402	403	404
Size of leaf	5½×7	5½×7	7×10	7×10 in.
No. of leaves	25	50	25	50
Each	$0.49	.70	.70	1.05

Nos	405	406	407
Size of leaf	10×7	10×7	10×12 in.
No. of leaves	25	50	25
Each	$0.70	1.05	1.40

Black Imitation Seal Grain Binding.

Nos.	421	422	423	424
Size of leaf	5½×7	5½×7	7×10	7×10 in.
No. of leaves	25	50	25	50
Each	$0.70	.91	1.05	1.40

Nos	425	426	427
Size of leaf	10×7	10×7	10×12 in.
No. of leaves	25	50	25
Each	$1.05	1.40	2.10

Black Seal Grain Leather Binding.

Nos.	441	442	443	444
Size of leaf	5½×7	5½×7	7×10	7×10 in.
No. of leaves	25	50	25	50
Each	$1.19	1.40	1.75	2.10

Nos	445	446	447
Size of leaf	10×7	10×7	10×12 in.
No. of leaves	25	50	25
Each	$1.75	2.10	2.80

Leaves are ash gray, stone gray and carbon black. In ordering specify number of book and color of leaf.

The covers are black, genuine seal grain leather and English book cloth. The leaves are made of thin strong melton finish.

NEGATIVE BOXES.

3¼×4¼	in.—For 50 negatives	each	$1.60
4 ×5	in.—For 50 negatives	"	1.60
5 ×7	in.—For 50 negatives	"	2.00

These boxes are strongly made of wood, covered on the outside with black bookbinders' cloth, and fitted with two nickel plated safety catches. There are partitions of pressed board, making a separate compartment for each negative.

TRANSPARENT NEGATIVE PRESERVERS.

	Per 100	Per 1000
3½×3½ in.	$0.48	4.42
3¼×4¼ in.	.49	4.68
4 × 5 in.	.51	4.88
5 ×7 in.	.67	6.38
5 ×8 in.	.71	6.80
6½×8½ in.	.84	8.08
8 ×10 in.	.98	9.35

Are made of strong, heavy translucent paper, through which the negatives can be inspected, thereby making it unnecessary to remove them from the envelope. A great convenience and time saver.

NEGATIVE PRESERVERS.

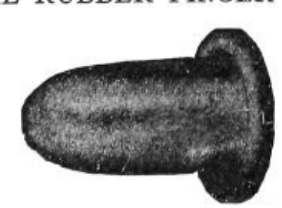
	Per 100	Per 1000
3½×3½ in.	$0.25	2.40
3¼×4¼ in.	.25	2.40
4 ×5 in.	.32	2.88
5 ×7 in.	.40	3.60
5 ×8 in.	.45	3.84
6½×8½ in.	.41	4.40
8 ×10 in.	.67	6.40

These envelopes are made of strong manila paper, the proper size for the negative; they are open at the end for inserting the negative, and have space cut for admitting the thumb and finger in removing it. On the face are printed lines for name, number, description and remarks.

RUBY, ORANGE AND GROUND GLASS.

		Ground Glass	Ruby and Orange Glass
4 × 5	in. each	$0.14	.14
5 × 7	in. "	.21	.21
6½× 8½	in. "	.28	.28
8 ×10	in. "	.35	.35
10 ×10	in. "	.49	
10 ×12	in. "	.53	.49

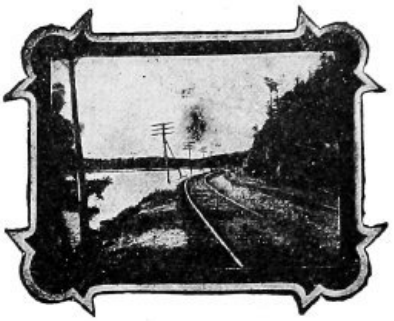
PURE RUBBER FINGER TIPS.



No. 5—Three in a box.....per set $0.25

Made especially for photographic use. The best ever offered to prevent discoloration of nails and fingers from acids and chemicals. They will not impair the sense of touch. Very easily applied or removed.

MANNING'S MASKS.



No. 3—Assortment contains 12 masks, plain, ovals, circles, squares and round corner squares, sizes 3½×3½ in., 3¼×4¼ in., 4×5 in., and 5×7 in., per assortment..... $0.35

No. 5—Assortment contains 12 designs of stars, shields, fancy circles and other irregular figures. Sizes 3½×3½ in., 3¼×4¼ in., 4×5 in., and 5×7 in., per assortment..... .35

These packages are recommended as first-class and sure to please. Use with ordinary printing frames, according to size of negative.

TRANSPARENT WATER COLORS.

No. 4—Per box containing colors, complete.....each $0.40

No. 6—Extra colors, per pan..... " .10

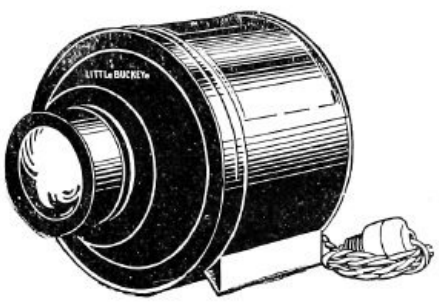
These colors are prepared exclusively for coloring photographs and lantern slides. They are also well adapted for coloring halftone prints now so common in our popular publications, and which when colored and mounted have a rich and attractive appearance.

The few simple directions accompanying the set are clearly worded and readily understood by even the small boy or girl who may want to color a few magazine pictures. Besides the directions, a list of harmonizing colors accompanies the set.

POST CARD PROJECTORS.

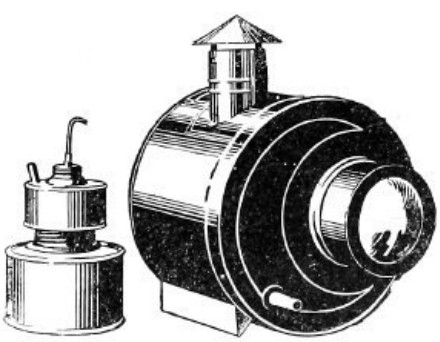
POST CARD PROJECTORS.

The Post Card Projector is one of the latest productions. It will project on a screen, in natural colors, post cards, photos and other opaques *greatly magnified*. The image is clear and sharp to the edge. It is fitted with electric lamps or gas burners and connections ready to attach to any light fixture. Also with acetylene attachment for homes without either electric or gas fixtures. The lenses are special double convex, finest quality. The finish is black enamel decorated. The price is graded on quality of lenses, candle-power and type of lamps and equipment.



No. 107—Electric, 8⅞x8½x8½ in., fitted to use Tungsten clear globe 40 watt lamps in voltage to suit individual circuit, complete with connections, w't 6 lbs.....each $4.00

Unless otherwise specified electric instruments are fitted with lamps suitable for 104 to 115 volt circuits for alternating and direct current.



No. A108—Acetylene gas, 11¼x8½x8½ in., complete with generator, w't 6 lbs., each..... $4.00

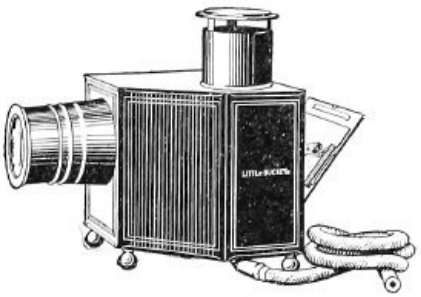
These instruments are essentially for home use and are practical and fascinating in their field. Where directions are carefully followed highly satisfactory results are secured.

Excellent results can be obtained at various distances up to fifteen or eighteen feet from the screen, the size of definition varying up to five or five and one-half feet in diameter, although, of course, results with the cheaper projectors are not equal to those secured with the higher priced ones.

Best results when operating the cheaper instruments are secured at a distance not to exceed eight or ten feet and at this distance the definition will naturally be smaller than when operating the higher priced machines.

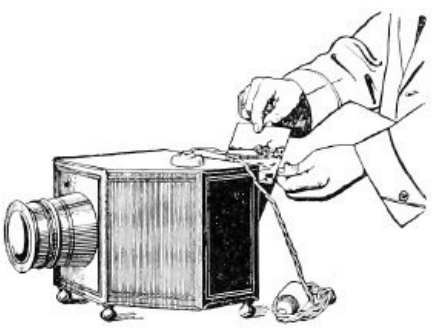
The room should always be entirely dark when operating.

POST CARD PROJECTORS.



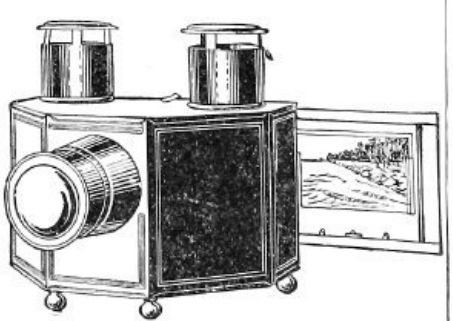
No. 106—Gas, 11¼x9¾x8½ in., high C. P. burner, Buckeye mantle and equipment, including 6 ft. of hose, w't 8 lbs.....each $6.65

No. A106—With acetylene attachments, improved generator, otherwise the same as No. 106, w't 9 lbs.....each 6.65



No. 105—Electric, 11¼x9¾x8½ in., fitted to use Tungsten clear globe 40 watt lamps in voltage to suit individual circuit, complete with connections, w't 8 lbs.....each $6.65

Unless otherwise specified electric instruments are fitted with lamps suitable for 104 to 115 volt circuits for alternating and direct current.



Nos. 104 and A104.

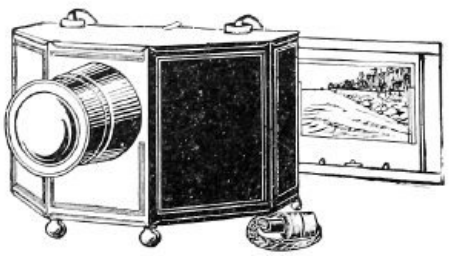
No. 103—Electric, 11¼x13x8½ in., fitted to use Tungsten clear globe 40 watt lamps in voltage to suit individual circuit, complete with connections, w't 10 lbs.....each $10.00

No. 104—Gas, 11¼x13x8½ in., complete with two high C. P. burners, Buckeye mantles and equipment, including 6 ft. of hose, w't 10 lbs...each 10.00

No. A104—With acetylene attachments, improved generator, otherwise the same as No. 104, w't 11 lbs.....each 10.00

Unless otherwise specified electric instruments are fitted with lamps suitable for 104 to 115 volt circuits for alternating and direct current.

POST CARD PROJECTORS.



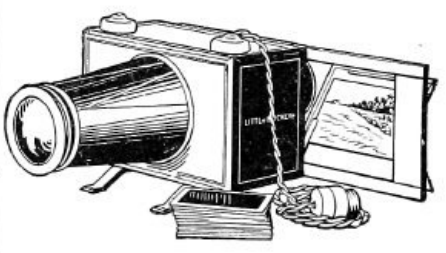
No. 101.

No. 101—Electric, 12x15¼x8½ in., complete with two high C. P. electric lamps, w't 11 lbs.....each $13.35

No. 102—Gas, 12x15¼x8½ in., complete with two high C. P. burners, Buckeye mantles and equipment, including 6 ft. hose, w't 11 lbs.....each 13.35

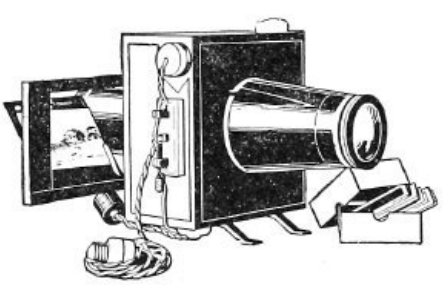
No. A102—With acetylene attachment, each..... 13.35

Unless otherwise specified electric instruments are fitted with lamps suitable for 104 to 115 volt circuits for alternating and direct current.



No. 33—Electric, 18½x10¾x9 in., fitted to use Tungsten clear globes 40 watt lamps in voltage to suit individual circuit, complete with two high C. P. electric lamps, w't 18 lbs.....each $20.00

Unless otherwise specified electric instruments are fitted with lamps suitable for 104 to 115 volt circuits for alternating and direct current.



No. 31—Electric, 21x11¾x12⅞ in., fitted to use Tungsten clear globes 40 watt lamps in voltage to suit individual circuit, complete with four high C. P. electric lamps, w't 20 lbs.....each $26.65

Unless otherwise specified electric instruments are fitted with lamps suitable for 104 to 115 volt circuits for alternating and direct current.

TALKING MACHINES.

This low priced machine makes a rare bargain in a handsome up-to-date talking machine. It has an attractive hard wood case, new aluminum tone-arm with the latest style of sound-box. The floral horn can be swung in any direction. The motor is first class, and will work smoothly and almost noiselessly.

Cabinet—Quarter sawed oak, highly polished, 10-inch base, height 6 inches.

Turntable—10-inch, with gilded edge, covered with green felt.

Motor—Spring, can be wound while running.

Horn—Black enamel with gold bands, 21 inches long with 18-inch bell.

Sound-Box—Improved type attached to swinging taper tone-arm.

Taper Tone-Arm—Aluminum, resists echo.

No. 10—FULTON, w't 23 lbs.....each $27.00

This attractive talking machine is made of hard wood well finished, and presents a good appearance. The motor is especially well made, and will run absolutely uniform in speed necessary to obtain the best results. Machine has the very best quality of sound-box, fine floral horn, and is first class in every respect.

Cabinet—Golden oak, highly polished. 12-inch base, height 7½ inches.

Turntable—10-inch with polished edge covered with green felt.

Motor—Universal, with two springs which can be wound while running.

Horn—Finished in black and gold, 17 inches long with 19½-inch bell. Horn swings in any direction.

Sound-Box—Improved type attached to swinging taper tone-arm.

Taper Tone-Arm—Finished in black enamel. Swing arm and elbow highly nickeled.

No. 25—CLIMAX, complete with 100 needles and needle box, w't 23 lbs.....each $30.00

This is a high class machine in every respect. The woodwork is very pleasing in design and exceptionally well finished. The motor is the very best quality, carefully tested, has latest made sound-box, and fine floral horn.

Cabinet—Golden oak, highly polished. 14½-inch base, height 7¾ inches.

Turntable—10-inch with polished edge covered with green felt.

Motor—Universal, with two springs which can be wound while running.

Horn—Finished in black and gold, 17 inches long, with 10½-inch bell.

Sound-Box—Improved type attached to swinging taper tone-arm.

Taper Tone-Arm—Finished in black enamel. Swing arm and elbow highly nickeled.

No. 40—CLIMAX, complete with 100 needles and needle box, w't 29 lbs.....each $48.00

This machine is unexcelled by any talking machine made. The motor has three springs, avoiding the necessity of frequent winding. All the parts are very carefully fitted and finished. It also has the latest made sound-box, which reproduces all of the notes on the scale with accuracy and distinctness. The wood horn entirely eliminates the metallic tones and adds much to the beauty of the machine. The cabinet is made in a design obtainable only in high class woodwork, and has a piano finish.

Cabinet—Mahogany, highly polished. 15½-inch base, height 7¾ inches.

Turntable—12-inch with polished edge covered with green felt.

Motor—Universal, with three springs which can be wound while running.

Horn—Wood, Mahogany finished, 19½ inches long, with 22-inch bell.

Sound-Box—Improved type attached to swinging taper tone-arm.

Taper Tone-Arm—Finished in black enamel. Swing arm and elbow highly nickeled.

No. 55—CLIMAX, complete with 100 needles and needle box, w't 29 lbs.....each $66.00

TALKING MACHINES.

FOR ILLUSTRATIONS SEE PAGE 2263.

Climax Talking Machines embody every feature that has made possible the talking machine as it exists to-day—the ideal, ever-ready, all-around musical instrument and entertainer as distinguished from the interesting toy which, a few years ago, was all that it could claim to be.

It plays not only Climax Double-Disc records, but all other disc records made.

The Climax Talking Machine is perfect musically and mechanically. Whatever is in the record the Climax Talking Machine will bring out of it—from the simplest band music to the most difficult renditions of the great operatic artists.

In a talking machine reproduction, everything depends on absolute uniformity of speed. Only a mechanical expert could, upon mere examination of the construction, fully appreciate the certainty and accuracy of the Climax motor and the simplicity of the whole device. But the effect of this motor-efficiency is evident to anyone who will take the trouble to watch a Climax talking machine in operation—not only listening to the music and noting the entire absence of any waviness in the reproduction, but also, when the machine is running without a record on the turntable, noting the silence and smoothness of its revolutions.

The Climax reproducer is a perfect device for reproducing record-sound waves. Nothing gets by it—no tone is too heavy to be taken up by its diaphragm and no top note of violin or high soprano is too delicate to be transmitted through its sensitive needle-arm and thrown out in magnified volume through the horn.

TALKING MACHINE RECORDS, CASES, CABINETS, ETC.

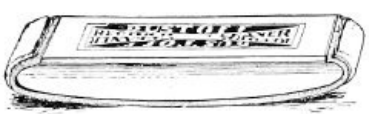
RECORDS.

Climax, double disc, a selection on each side, w't 8 oz.....each $0.78

These records can be played on any disc talking machine. They are made of the best material and are smoother, clearer and last longer than most records.

Only the most popular reproductions are included in our list of records. Send for our complete catalogue of climax records.

RECORD CLEANERS.



Dustoff, covered with high grade velvet carpeting, w't per doz. 2½ lbs., per dozen..... $2.00

Keeps record free from dust, making the reproduction pure and clear, free from harsh sounds caused by the settling of dust in the sound grooves of the records. The soft fine texture and the high nap of the covering accommodates itself to the surfaces of the records.

TALKING MACHINE NEEDLES.

REVONOC—Highest quality steel, oil tempered, 100 in a paper, 1,000 in a package.....per 1,000 $1.00

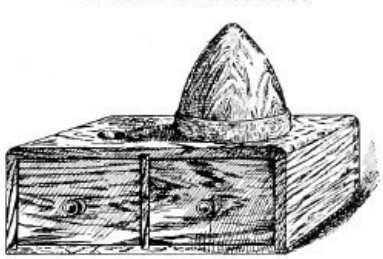
Fibre Needles, large B and H... " 4.80

Fibre Needles, small B and H.. " 6.00

FIBRE NEEDLES 250 IN A PACKAGE.

The split Bamboo Fibre needle is the very latest improvement of the graphophone needle, it is chemically prepared and prevents all possibility of injury to the record, doing away with the scratching, cutting and rasping of the metallic needle.

NEEDLE BOXES.



No. 101—MUSIC MASTER, 4½x2 in., oak or mahogany, complete with cone, w't 6 oz.....each $1.00

There are two drawers, one for a reserve of new needles, and one into which worn needles fall, the cone is for active supply.

The bottom of cone can be removed, cone filled with about 300 needles and bottom replaced. By slowly turning upside down a needle will come out of small end.

WOOD HORNS.

Solid, Plain Highly Finished Surface, with Screw End.

No. 50—MUSIC MASTER, solid mahogany, 21¼ in. bell, w't 2⅜ lbs.....each $18.00

No. 51—MUSIC MASTER, solid oak, otherwise same as No. 50.....each 18.00

No. 52—MUSIC MASTER, solid spruce, otherwise same as No. 50.....each 24.00

No. 53—MUSIC MASTER, solid mahogany, pearl inlaid, otherwise same as No. 50, each..... 56.00

The Music Master Wood Horn is built of solid wood on scientific, sound board principles. It gives a full, round, rich and realistic tone to the record reproduction, rendering all tones in any scale with a fidelity to the original impossible to acquire with the metal or veneered horn.

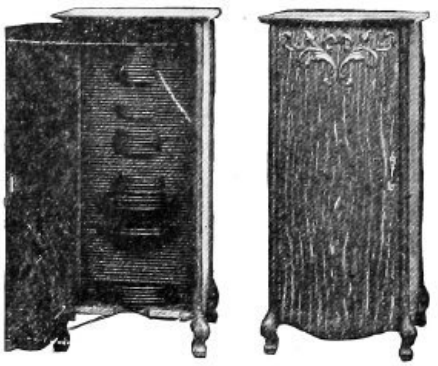
Made for any style or make of disc or cylinder talking machine.

Guaranteed against defect at any time.

DISC RECORD CABINETS.

No. 717—Top 16½x16½ in., height 34 in., made of heavy lumber, with panel door, finished in oak or mahogany, capacity 126 records, w't 50 lbs., each..... $11.40

DISC RECORD CABINETS.



Open. Closed.

No. 780—Top 17x16 in., height 37 in., heavy hardwood construction, heavy columns on corners, fancy shaped feet, hand carving on door, record racks arranged so that record lays flat, one in each compartment, which is indexed, capacity 80 records, cabinet lock and key, finished in oak or mahogany, w't 65 lbs.....each $20.00

Open. Closed.

No. 782—Top 18x18 in., height 37 in., made of massive heavy hardwood, oval front, carved columns, claw feet, finished in oak or mahogany, record racks or compartment arranged so that record lays flat, one in each compartment, which is indexed, enabling one to make selection instantly, furnished with cabinet lock and key, capacity 80 records, w't 75 lbs..each $24.00

DISC RECORD CASES.

Wood, Covered with Imitation Leather, Nickel Corners, Furnished with Lock and Key, Handle on Top.

No. 11—For 50 10 in. records, with index.....each $3.20

FIELD GLASSES, MEGAPHONES, MARBLES, ETC.

FIELD AND MARINE GLASSES.

No. 1100.

"LECLERC," Achromatic, Morocco Covered, Metal Body, Bright Finish, with Case and Strap.

No. 1250—19 lignes, length, closed 4½ in., extended 5¾ in., power 4 diameters.....each $ 9.50
No. 1250—21 lignes, length, closed 5¼ in., extended 6½ in., power 4¼ diameters.....each 9.90
No. 1250—24 lignes, length, closed 6 in., extended 7¼ in., power 4¾ diameters, each..... 11.00
No. 1250—26 lignes, length, closed 6¼ in., extended 7½ in., power 5 diameters..... 11.50

"COLMONT," "Ranchman's" Glass, First Quality, Achromatic, with Large Eye-Piece, Morocco Covered Body, with Sun Shade, Oxidized Finish, Case and Strap.

No. 1231—21 lignes, length, closed 5¼ in., extended 6½ in., power 4½ diameters.....each $14.00
No. 1231—24 lignes, length, closed 6 in., extended 7¼ in., power 5 diameters.....each 16.10
No. 1231—26 ligne, length, closed 6¼ in., extended 7½ in., power 5½ diameters.....each 18.30

"LEMAIRE'S," Morocco Covered, Metal Body, Bright Finish, Sole Leather Case and Strap.

No. 1100 —19 lignes, length, closed 4¾ in., extended 6 in., power 5 diameters.....each $19.10
No. 1100 —21 lignes, length, closed 5¼ in., extended 6½ in., power 5¼ diameters.....each 20.60
No. 1100 —24 lignes, length, closed 5¾ in., extended 7¼ in., power 5¾ diameters.....each 24.00
No. 1100 —26 lignes, length, closed 6¼ in., extended 7½ in., power 6 diameters.....each 25.70
No. 1100B—21 lignes, length, closed 5¼ in., extended 6½ in., 12 lenses, power 5½ diameters.....each 29.00
No. 1100B—24 lignes, length, closed 5¾ in., extended 7¼ in., 12 lenses, power 6 diameters.....each 33.70

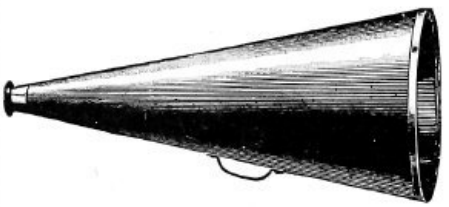
"U. S. CAVALRY," Patent Adjustment, Sun Shades, Case and Strap.

No. 1216—21 lignes, length, closed 5 in., extended 7 in., power 6 times....each $27.10
No. 1216—24 lignes, length, closed 5¼ in., extended 7 in., power 7 times, each..... 33.40

U. S. Cavalry field glasses are constructed with short bodies and long draw tubes, so that while capable of being extended long enough to give the necessary power, they occupy, when closed, a comparatively small compass. They are fitted with a patent adjustment, by means of which they can be always kept at the proper adjustment for the owner's eyes. Having been once adjusted by the screw, as in any ordinary field glass, they can then be closed by simply pushing them together, and when needed, have only to be pulled out, when they are ready for instant use, the adjustment to the eyes having remained undisturbed.

No. 1216, 24 lignes, is recommended as particularly adapted for cavalry and herdsmen.

STENTOR MEGAPHONES.



Waterproof Fibre, Brass Mountings, Nickel Plated Improved Seamless Mouthpiece.

No. 1 —15 in., mahogany finish...each $ 2.50
No. 2 —30 in., mahogany finish... " 4.30
No. 2½—34 in., mahogany finish... " 5.10
No. 3 —40 in., mahogany finish... " 5.90
No. 5 —48 in., light terra cotta finish, each..... 10.80
No. 7 —60 in., light terra cotta finish, each..... 16.80
Tackle, including rope, pulley and cleat for suspending Nos. 3 and 5.....each 1.30
Stand, for Nos. 3 and 5..... " 4.30
Stand, for No. 7 (to order only).... " 4.30

Aluminum, Satin Finish, Polished Mouthpiece, and Handle.

No. 11—18 in.....each $5.10
No. 12—34 in..... " 13.60

Aluminum throughout, very handsome, but not so durable as the fibre.

Fibre Board, with Enameled Mouthpiece.

No. 25—JUNIOR, 12 in.....per 100 $38.40
No. 30—JUNIOR, 15 in..... 76.80

Stock color reddish brown, but can be furnished in blue, green or crimson at a small additional cost.

RUBBER BALLS.

White, Solid.

No. 5—Diam. 1⅝ in., cirm. 5½ in., per dozen..... $0.80
No. 10—Diam. 1⅞ in., cirm. 6¼ in., per dozen..... 1.10
No. 15—Diam. 2⅛ in., cirm. 7 in., per dozen..... 2.00

Hollow.

No. 105—Soft, white, diam. 1⅝ in., cirm. 5½ in.....per dozen $0.80
No. 110—Soft, white, diam. 2⅛ in., cirm. 7 in.....per dozen 1.60
No. 205—Inflated, red, diam. 2½ in., cirm. 8 in.....per dozen 2.20
No. 210—Inflated, red, diam. 2¾ in., cirm. 10 in.....per dozen 3.20
No. 215—Inflated, red, diam. 4 in., cirm. 13 in.....per dozen 5.20

NO. 215 HALF DOZEN; BALANCE, ONE DOZEN IN A BOX.

MARBLES.

Common, Assorted Sizes.

No. 11—Plain gray .....per thousand $0.52
No. 12—Assorted colors..... " .62
1,000 IN A BAG.

China, Painted, Unglazed.

Nos	101	102	103	104
Size	00	0	1	2
Per 1,000	$0.62	.96	1.44	2.04
Nos	105			108
Size	3			4
Per 1,000	$3.10			4.22

100 NOS. 00 TO 3, FIFTY NOS. 4 AND 5, TWENTY-FIVE NO. 6 IN A BOX.

China, Painted, Glazed.

Nos	122	123	124
Size	0	1	2
Per 1,000	$1.90	2.52	3.60

100 IN A BOX.

Imitation Agate or Falsies.

Nos	131	132	133
Size	00	0	1
Per 1,000	$1.08	1.54	2.12
Nos	134	135	136
Size	2	3	4
Per 1,000	$2.86	4.12	5.80

100 IN A BOX.

Glass Threads, All Fine

Nos	142	143	144	145	146
Size	0	1	2	3	4
Per 1,000	$5.92	7.12	9.56	13.46	21.42

100 IN A BOX.

Bowlers, Glass Threads.

Nos	151	153	154
Size	6	8	9
Per gross	$6.48	10.94	15.48

ONE DOZEN IN A BOX.

Bowlers, Glass, Fine Figure.

No. 164—Size 7.....per gross $15.48
No. 165—Size 8..... " 15.54
No. 167—Size 10..... " 23.82
ONE DOZEN IN A BOX.

Brandies.

No. 171—Size 0 .....per thousand $5.92
No. 172—Size 1 ..... " 7.12
No. 173—Size 2 ..... " 9.46
100 IN A BOX.

Tiger Eyes.

No. 1141—Small, assorted..per hundred $14.50
TWENTY-FIVE IN A BOX.

Genuine Carnelians.

No. 1001—Small.....per hundred $ 8.82
No. 1002—Medium..... " 15.12
No. 1003—Large..... " 21.42
No. 1121—Small..... " 22.68
No. 1122—Medium..... " 30.24
TWENTY-FIVE IN A BOX.

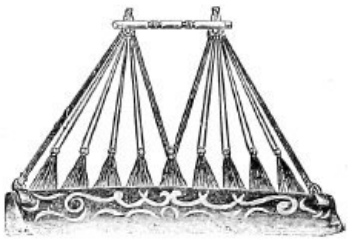
Marble Sizes.

Size	00	0	1	2	
Diameter	7/16	9/16	11/16	13/16 in	
Size	3	4	5	6	
Diameter	14/16	1	1 3/16	1 5/16 in	
Size	7	8	9	10	
Diameter	1 7/16	1 9/16	1 11/16	1 13/16 in	

"REV-O-NOC" HAMMOCKS.

REVONOC hammocks represent perfection in construction, design, color combinations and material. The weaving is done by experts and the unique and individual designs and color combinations are the work of artists thoroughly schooled along and experienced in these lines. The result is a line of hammocks that meets the popular taste in all its variations.

The scientific stringing arrangement is another decided improvement. The strings are so arranged as to be strongest and most numerous where the greatest strain is applied. Extra



stringing cords are attached to the spreader ends, and the center cords are double. On all REVONOC hammocks, with divided suspension, a special center pull is arranged for.

Guarantee—REVONOC hammocks are covered with an absolute guarantee. The colors are fast, and each and every thread perfect.

No. 0101.

No. 0081 REVONOC—34x84 in., round pillow and head spreader, gauze weave, three-ply hard-spun yarn, in strong colors, effectively striped, no valance, shipping w't per doz. 45 lbs.....per dozen $15.80

No. 0101 REVONOC—36x84 in., with valance, foot spreader, otherwise same as No. 0081 REVONOC .....per dozen 20.00

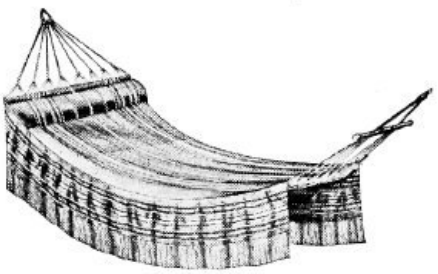
These hammocks are made in three color arrangements. In one the body is green, in another the body is yellow, and in the other the body is maroon.

No. 0111½.

No. 0111½ REVONOC—36 x 84 in., round pillow, foot spreader, plain valance, canvas and twill weave, hard spun yarn, shipping w't per doz. 47 lbs., per dozen $21.00

No. 0121 REVONOC—With large tufted throw-back pillow, otherwise same as No. 0111½ REVONOC .....per dozen 24.00

Made in three combinations: red body with green, black and yellow stripes; yellow body with stripes and green body with stripes.



No. 0122.

No. 0102 REVONOC—34x80 in., round pillow, full color, striped, open weave, heavy five ply yarn, heavy fringe, no valance, shipping w't per doz. 33 lbs., per dozen $20.00

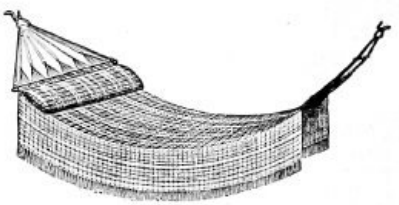
No. 0122 REVONOC—35x84 in., with valance, otherwise same as No. 0102 REVONOC, shipping w't per doz. 38 lbs. per dozen 24.00

Made in one pattern only: a rich red striped with green and black.

No. 0152 REVONOC—35x84 in., with big pillow and wide valance, otherwise same as No. 0102 REVONOC, shipping w't per doz. 56 lbs. .....per dozen 28.00

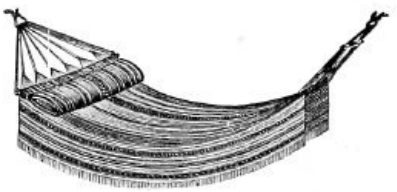
Made in three colors: one with red, another with green, and the other with tan predominating.

No. 0111 REVONOC—36x84 in., with large, tufted pillow, foot spreader finished with nickeled brass caps, wide valance, close canvas damask weave, broad striped pattern, hard spun yarn, assorted colors, black, green, drab and yellow, w't per doz. 47 lbs., per dozen $22.40



No. 0131 REVONOC—36x86 in., large tufted throw-back pillow, foot spreader, with nickeled, brass caps at ends, wide valance, effectively striped in rich colors, red predominating, shipping w't per doz. 48 lbs..... per dozen $28.00

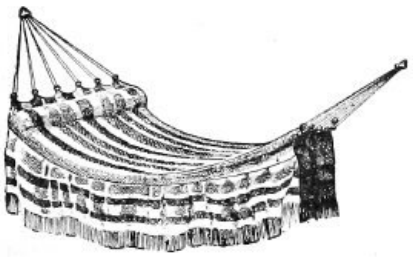
No. 0131½ REVONOC—Green predominating, otherwise same as No. 0131 REVONOC, per dozen 28.00



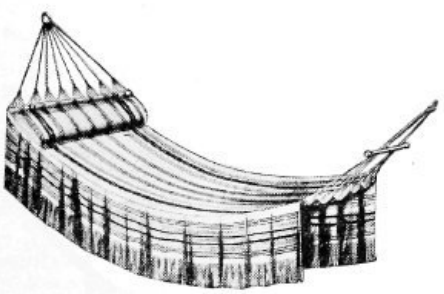
No. 0151 REVONOC—36 x 86 in., canvas weave, effectively striped, red the predominating color, large tufted throw-back pillow, foot spreader, deep valance, shipping w't per doz. 55 lbs., per dozen..... $32.00

No. 0161 REVONOC—36x88 in., tan predominating, otherwise same as No. 0151 REVONOC .....per dozen 32.00

"REV-O-NOC" HAMMOCKS.



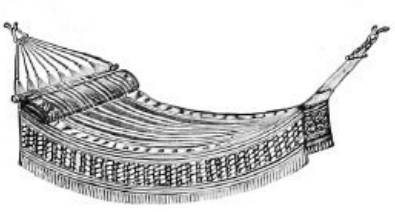
No. 0154 REV-O-NOC—34x78 in., ornamental canvas weave, very attractive design in assorted colors, with either red, black or white predominating, pillow spreader and valance, shipping w't per doz. 52 lbs.....per dozen $27.00



No. 0162 REV-O-NOC—35x86 in., concealed straight wooden spreader, with highly polished nickel caps, wood bar at foot, deep valance, red and green predominating colors, striped design, shipping w't per doz. 51 lbs....per dozen $30.40

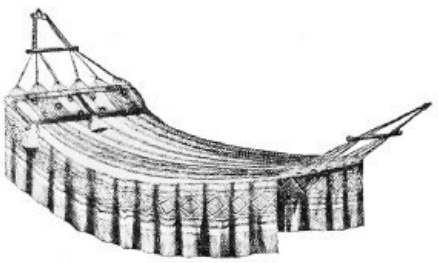
No. 0181 REV-O-NOC—36x88 in., jacquard and canvas weave, large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, wide valance, oriental design, red predominating, shipping w't per doz. 56 lbs.....per dozen $36.00

This is fitted with a patent hammock ring which makes it unnecessary to tie any knots when hanging the hammock.

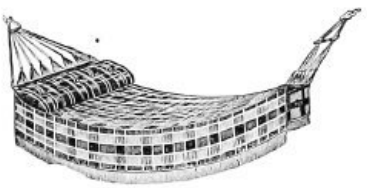


No. 0201 REV-O-NOC—37x88 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, wide valance, canvas weave hard spun yarn, fancy design, striping well colored, shipping w't per doz. 60 lbs.....per dozen $40.00

No. 0191 REV-O-NOC—Same as No. 0201, with green the predominating color and a yellow figure, w't per doz. 60 lbs., per dozen..... 40.00



No. 0192 REV-O-NOC—36x86 in., wide upholstered pillow with tassel trimmings, heavy deep valance, fancy detachable wood bars with knobs at head and foot, concealed straight wooden spreader with highly polished nickel caps at ends, jacquard weave closely woven fancy design in red, yellow, black and white, red predominating, shipping w't per doz. 45 lbs.....per dozen $36.80

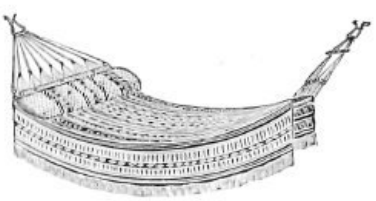


No. 0201½ REV-O-NOC—37x88 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps and wide valance, canvas weave, hard spun yarn, assorted colors in plaid design, shipping w't per doz. 63 lbs.....per dozen $36.00

A beauty in a Scotch plaid effect.

No. 0211 REV-O-NOC—37x88 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, wide valance, closely woven twill jacquard in a conventional design, well colored, green predominating, shipping w't per doz. 54 lbs., per dozen..... $40.00

Quiet and restful, though rich in design.

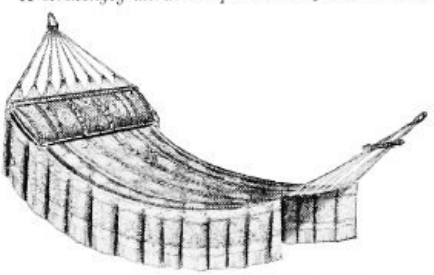


No. 0221 REV-O-NOC—37x88 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, wide valance, fancy damask, twill weave in rich coloring, red, green and yellow, shipping w't per doz. 63 lbs.....per dozen $44.00

The small design worked in between the twill stripes imparts richness to the pattern.

No. 0241 REV-O-NOC—38x88 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, 15 in. valance, empire design in contrasting colors, jacquard weave, hard spun yarn, shipping w't per doz. 65 lbs.....per dozen $48.00

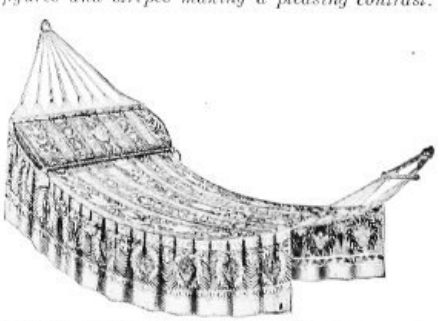
A strikingly attractive pattern in gold and red.



No. 0252 REV-O-NOC—40x88 in., wide upholstered pillow, concealed straight wooden spreader, highly polished nickel caps, fancy detachable wood bar with knobs at foot, heavy deep valance full fluted, heavy close woven jacquard weave, subdued tones of green and brown, shipping w't per doz. 87 lbs.....per dozen $48.00

No. 0251 REV-O-NOC—38x88 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, wide valance, black and white figures and stripes, canvas and twill weave, shipping w't per doz. 60 lbs.....per dozen $48.00

A deep black predominates in the color scheme of this beautiful hammock—the white of the figures and stripes making a pleasing contrast.



No. 0242 REV-O-NOC—38x88 in., wide upholstered pillow, concealed straight wooden spreader, highly polished nickel caps, fancy detachable wood bar with knobs at foot, heavy deep valance, fancy scroll jacquard weave, green and yellow predominating colors in attractive stripe and figured design, shipping w't per doz. 57 lbs. per dozen **$48.00**

A color scheme that will always attract.

"REV-O-NOC" HAMMOCKS.

No. 0261 REV-O-NOC—38×88 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, wide valance, jacquard and canvas weave in diamond twill, red and green predominating colors, shipping w't per doz. 60 lbs. per dozen $52.00

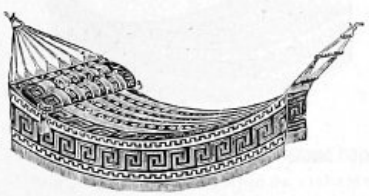
The tan center with wide bordering stripes enhances the beauty of the neat and conventional design.

No. 0271 REV-O-NOC—38×88 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, wide valance, jacquard and canvas weave, closely woven, hard-spun yarn, rich autumnal colors, shipping w't per doz. 66 lbs. per dozen $52.00

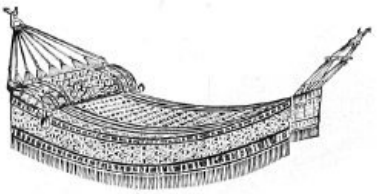
A hammock that will strike one as "fitting in" particularly well with any porch furnishing scheme where quietness of tone is desired.

No. 0301 REV-O-NOC—39×90 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, 15 in. valance, hard spun, three-ply yarn, artistic design in red, black and tan, tan predominating, shipping w't per doz. 71 lbs. per dozen $56.00

A very large and roomy hammock.

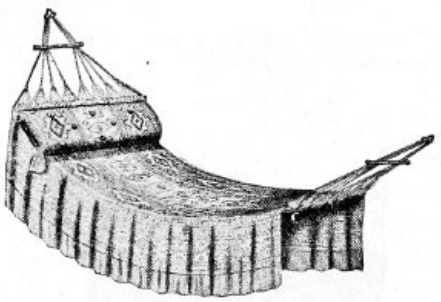


No. 0291 REV-O-NOC—39×90 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, 15 in. valance, satin and heavy twill weave, hard spun yarn, a novel key design, well colored, red predominating, shipping w't per doz. 70 lbs. ..... per dozen $60.00



No. 0311 REV-O-NOC—42×90 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, wide valance, extra heavily woven, tastefully colored in two-toned combination, shipping w't per doz. 75 lbs. ..... per dozen $60.00

A light green and white hammock, delicate in tint and design.



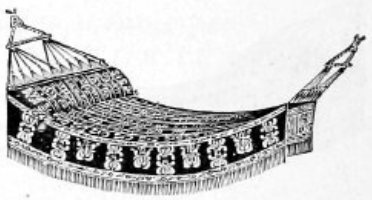
No. 0322 REV-O-NOC—40×88 in., wide upholstered pillow, concealed straight wooden spreader, polished nickel caps, fancy detachable wood bars with knobs at head and foot, large fancy rings, heavy deep valance fluted, fancy jacquard weave, handsome design, red, green and white, shipping w't per doz. 76 lbs. ..... per dozen $64.00

No. 0361 REV-O-NOC—42×90 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, 15 in. valance, canvas weave hard-spun yarn, Egyptian design of red, black, green and yellow, shipping w't per doz. 85 lbs., per dozen $72.00

No. 0341 REV-O-NOC—39×88 in., large tufted throw-back pillow, fancy tassel trimmings, foot spreader with nickeled brass caps, 15 in. valance, Turkish pipe design, closely woven, red, dark green and light green predominating, shipping w't per doz. 75 lbs. per dozen $68.00

No. 0401 REV-O-NOC—42×90 in., large tufted throw-back pillow, curving head spreader, fancy tassel trimmings, divided suspension spreader at head and foot finished with nickeled brass caps, 16 in. plaited valance, Bagdad design in red, green and tan, shipping w't per doz. 95 lbs. ..... per dozen $80.00

A royal hammock, fit for the most exacting in taste.

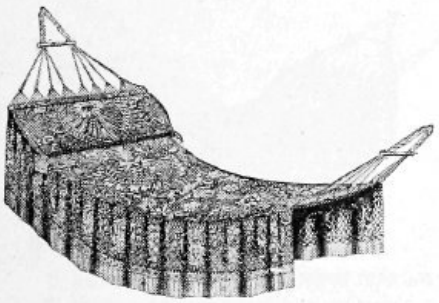


No. 0391 REV-O-NOC—42×90 in., large tufted throw-back pillow, curving head spreader, fancy tassel trimmings, divided suspension spreader at head and foot finished with nickeled brass caps, 16 in. plaited valance, fancy weave, rich colors, red, dark green and light green predominating, shipping w't per doz. 93 lbs. ..... per dozen $80.00

No. 0441 REV-O-NOC—42×92 in., large tufted throw-back pillow, curving head spreader, fancy tassel trimmings, divided suspension spreader, at head and foot finished with nickeled brass caps, 16 in. valance, medallion design of brown and yellow relieved by red, shipping w't per doz. 97 lbs. per dozen $88.00

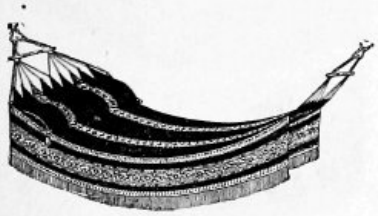
A hammock with individuality.

"REV-O-NOC" HAMMOCK.



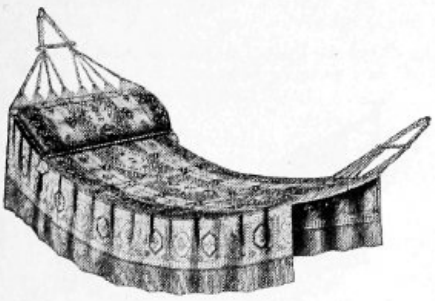
No. 0442 REVONOC—40×88 in., wide upholstered pillow, double divided suspension bars, with highly polished nickeled caps at head and foot, concealed straight wooden spreader, with highly polished nickel caps, extra deep heavy fluted valance, shipping w't per doz. 94 lbs.....per dozen $88.00

Fancy new embossed weave, subdued green in figured design.



No. 0481 REVONOC—42×92 in., large tufted throw-back, pillow, curving head spreader, fancy tassel trimmings, divided suspension spreader at head and foot finished with nickeled brass caps, 16 in. valance, canvas weave tan with scroll pattern, stripe of red, green and yellow, shipping w't per doz. 99 lbs.....per dozen $96.00

Very, strong and durable, roomy and comfortable, and a design that never grows tiresome.

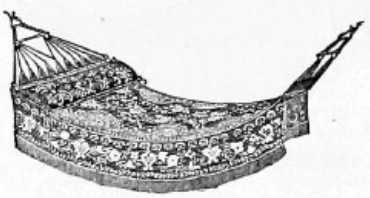


No. 0502 REVONOC—42×94 in., wide upholstered pillow, double divided suspension bars with highly polished nickel caps at head and foot, concealed straight wooden spreader with highly polished nickel caps, extra deep heavy fluted valance, extra heavy combination weave, Roman design in rich colors, red and green predominating, shipping w't per doz. 107 lbs.per dozen $100.00

Generous in size and strength.

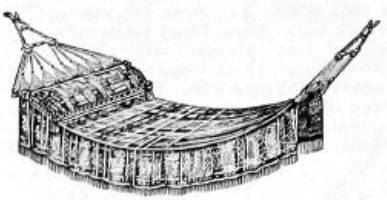
No. 0561 REVONOC—42×92 in., large tufted throw-back pillow, curving head spreader, fancy tassel trimmings, divided suspension spreader at head and foot finished with nickeled brass caps, 16 in. valance, double-faced canvas weave, empire wreath design, royal blue predominating, shipping w't per doz. 113 lbs.....per dozen $112.00

Subdued in style but striking in richness of manufacture and finish.



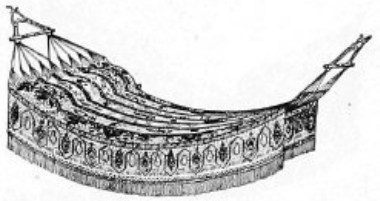
No. 0601 REVONOC—42×92 in., large tufted throw-back pillow, curving head spreader, fancy tassel trimmings, divided suspension spreaders at head and foot finished with nickeled brass caps, 16 in. plaited valance, floral design in assorted colors, shipping w't per doz. 117 lbs.....per dozen $120.00

As delicate in design as it is ample in its proportions.

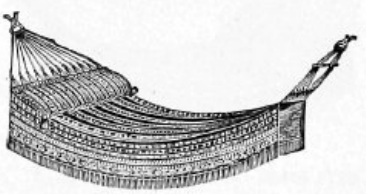


No. 0641 REVONOC—42×92 in., large tufted throw-back pillow, curving head spreader, fancy tassel trimmings, divided suspension spreader at head and foot finished with nickeled brass caps and 16 in. valance, a cross stripe design in center, red, green, blue, yellow and tan predominating, shaded fringe, shipping w't per doz. 114 lbs., per dozen.....$128.00

A hammock that invites attention and inspection by its subdued elegance.



No. 0681 REVONOC—42×92 in., large tufted throw-back pillow, curving head spreader, fancy tassel trimmings, divided suspension spreader at head and foot finished with nickeled brass caps, 16 in. valance, Armorial design, Memphis weave, tan background with figures of assorted colors, shipping w't per doz. 126 lbs.....per dozen $136.00



No. 0671 REVONOC—47×94 in., large tufted throw-back pillow, curving head spreader, fancy tassel trimmings, divided suspension spreader at head and foot finished with nickeled brass caps, 16 in. valance, double ribbed weave, extra binder three-ply yarn, stripe design with dice figured border, black, green and white the predominating colors, purple fringe, shipping w't per doz. 143 lbs.....per dozen $136.00

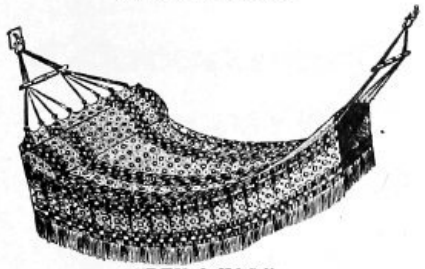
No. 0691 REVONOC—47×94 figures worked in white, green, yellow, black and red, red predominating, othe wise same as No. 0671 REVONOC, shipping w't per doz. 150 lbs., per dozen..... 136.00

No. 050 REVONOC—40×80 in., heavy curved spreaders at both head and foot, continuous stringing, heavy end rings and wide valance, heavy cotton yarn in open weave, well colored stripe design, assorted colors, shipping w't per doz. 59 lbs.....per dozen $56.00

This is the popular "Western" hammock without pillow, very roomy, strong and light.

HAMMOCKS AND HAMMOCK COUCHES.

HAMMOCKS.



"REV-O-NOC."

No. 0364 REVONOC—40x84 in., braided wire spring pillow, extra deep valance, heavily pleated, spreader equipped with end pieces to protect hammock fabric, ornamental wood bars with knobs at head and foot, tile weave, furnished with white, black or green, the predominating colors, shipping w't per dozen 70 lbs. .....per dozen $72.00

No. 0404 REVONOC—84x40 in., braided wire spring pillow, protected spreader ends, wood bars and knobs at head and foot, fluted valance, diamond design of black and white, shipping w't per doz. 78 lbs.....per dozen 80.00

Nos. 0364 REVONOC *and 0404* REVONOC *Hammocks are fitted with the braided wire spring pillow as shown above, which is sanitary, cool and refreshing. It adapts itself to every movement of the head, yet always retains its shape and elasticity.*

No. 020 REVONOC—Baby, 15x48 in., canvas weave, yarn, pink and white, blue and white, and old gold and white combinations, complete with hard wood stand, shipping w't per doz. 110 lbs.....per dozen $72.00

The most practical baby hammock made. Simple in construction and easy to adjust.

HAMMOCKS.

"REV-O-NOC."

No. 030 REVONOC—36x76 in. folding canvas hammock, stout duck securely strung to reinforce ends, with brass eyelets, w't per doz. 14 lbs.....per dozen $24.00

This hammock put up in a bag for convenience in handling.

No. 060 REVONOC—36x86 in., large tufted throw-back pillow, head spreader and valance, canvas cloth, extra heavy end cords, colors khaki or white, w't per doz. 14 lbs. .....per dozen $32.00

Packed readily in bag, 5x22 in., which is furnished with each hammock.

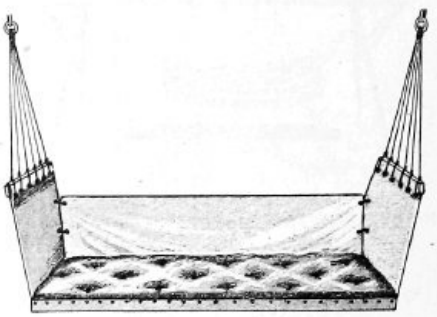
No. 044 REVONOC—50x92, stout canvas cloth with extra heavy end cords, patented twin-eye hanging attachment, colors khaki or white, w't per doz. 35 lbs. .....per dozen $46.00

These hammocks are very popular for camping trips, picnics, etc.

COUCH HAMMOCKS.

Hammo-port, thoroughly seasoned maple frame with wire woven spring, hand made tufted mattress covered with striped tan duck, two wind shields, two pillow covers, w't 40 lbs. each $13.50

HAMMOCK COUCHES.



No. A7—30x72 in., selected hard maple frame, woven wire springs, hammock made of white duck, mattress covered with green denim, one wind-shield, fitted with legs which can be folded under while couch is suspended, w't 45 lbs.....each $11.30

No. B7—Khaki ducking, otherwise same as No. A7.....each 12.00

No. F7—Slate colored ducking, otherwise same as No. A7.....each 13 50

Attractive and durable. The frame is bolted together with extra strong bolts and each piece of lumber is carefully selected and inspected.

The double woven wire spring reinforced with three center cords is fastened on both ends between a shaped wood strip making it impossible for the wire to loosen or slip out.

The mattress is filled with white cotton, tufted to the drilling and spring, and is fastened securely to the frame to avoid sliding.

The holes for fastening the cords are reinforced with grommets and each of the twelve cords suspending the hammock is fastened with a patent fastener.

By unfolding the legs the hammock can be made into a cot.

HAMMOCK SUNDRIES.

HAMMOCK STANDS.

No. 40—Best quality lumber, bolted, painted bright vermilion, adjustable for different length hammocks, folds compactly when not in use, w't per doz. 340 lbs.....per dozen. $53.00

No. 51—Without awning, hardwood frame, adjustable for different length hammocks, malleable hinge in center, legs riveted into castings, easily folded into small compass for storage, w't per doz. 600 lbs.★ .....per dozen $ 72.00

No. 52—With awning, otherwise same as No. 51, w't per doz. 675 lbs., ★. per dozen..... ...178.00

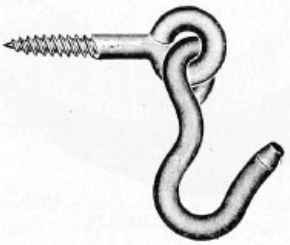
HAMMOCK HOOKS.

No. 98G—⅜ in., wrought iron, *plain*, with plate 2×2 in., w't per doz. 4½ lbs.....per dozen $0.60

No. 100G—⅜ in., wrought iron, *tinned*, with plate 2×2 in., w't per doz. 4¾ lbs.....per dozen .72

ONE DOZEN IN A BOX.

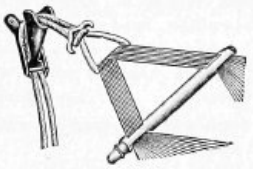
HAMMOCK HOOKS.



No. 94G—⅜ in., wrought iron, *plain*, with 2½ in. screw eye, w't per doz. 4 lbs.,.....per dozen $0.58

No. 96G—⅜ in., wrought iron, *tinned*, with 2½ in. screw eye, w't per doz. 4½ lbs.....per dozen .70

ONE DOZEN IN A BOX.



No. A1G—DOUBLE GIANT, heavy wrought steel, japanned, 2¼×3¼ in. plate, w't per doz. 3 lbs.....per dozen $1.50

The handiest, safest, and most practical hammock hook on the market. The more weight there is in the hammock the tighter the rope is held.

TWELVE DOZEN IN A BOX, WITH SCREWS.

No. 268G—PIGOTT'S, malleable iron, tinned, with 2½ in. screw, w't per doz. 7½ lbs.....per dozen $2.50

ONE DOZEN IN A BOX.

No. 258G—PIGOTT'S, malleable iron, tinned with 2×2 in. plate, w't per doz. 8 lbs.....per dozen $2.80

ONE DOZEN IN A BOX.

HAMMOCK ROPES.

No. 84—Safety, with ⅜ in. rope, w't per doz. 3¼ lbs.....per dozen $2.20

ONE DOZEN IN A BUNDLE.

★*FOR SHIPMENT FROM FACTORY ONLY.*

HAMMOCK CHAINS.

No. 83—3 ft., galvanized, very strong, adjustable to any length, w't per doz. prs. 18 lbs.....per dozen pairs $ 5.00

No. 86—6 ft., galvanized, very strong, adjustable to any length, w't per doz. prs. 30 lbs.....per dozen pairs 10.00

No. 89—9 ft., galvanized, very strong, adjustable to any length, w't per doz. prs. 42 lbs.....per dozen pairs 15.00

We would be pleased to supply upon request an attractive display hanger.

FOLDING BENCHES.

Superior Quality.

No. 0G—Length 3½ ft., seat and back natural finish, balance painted red or green, all parts nailed, w't 12 lbs., per dozen..... $17.60

No. 1G—Length 3½ ft., seat and back natural finish, balance painted red or green, all parts screwed, w't 15 lbs., per dozen..... 20.00

No. 2G—Length 4½ ft., all parts screwed, w't 21 lbs., otherwise same as No. 1, per dozen..... 24.00

Combining lightness, strength and durability. Comfortable seat for the lawn and all outdoor gatherings. The folding mechanism is very simple and allows the seat to fold up in a convenient form for handling and storage.

Made from best hardwood lumber, free from knots, worm holes and like defects, carefully machined with all corners rounded and every portion sanded smooth. Each seat and back slat of Nos. 1 and 2 are held in place with screws; heads countersunk below the surface and driven to place by hand with a screw driver. End of legs are shaped with corners clipped to stand square, the rounds tightly fastened, all joints are riveted and entire seat correctly braced to make it strong and rigid.

CHAIRS AND SETTEES.

RECLINING CHAIRS.

Hardwood Frame, Smoothly Machined, with all Corners Rounded, Striped Duck Seat, Supported By Heavy Rungs.

No. 11—44 in. high when opened, 18 in. wide, 37 in. spread, varnished, well riveted, adjustable, *without* arm supports, w't per doz. 125 lbs..per dozen $15.00

No. 12—*With* arm supports, otherwise same as No. 11, w't per doz. 160 lbs., per dozen..... 18.50

The above chairs are manufactured with an idea to supply a well made, strong, durable and neatly finished article. Great care is exercised in the riveting, so as to eliminate the possibility of breakage. They are well finished in every particular and are sure to give absolute satisfaction everywhere.

HALF DOZEN IN A BUNDLE

No. 32—GOLD MEDAL, frame made very strong, heavy canvas seat, striped, folds into small compass 3 ft. long by 3 in. square, will hold 400 lbs. safely, w't per doz. 84 lbs.....per dozen $20.00

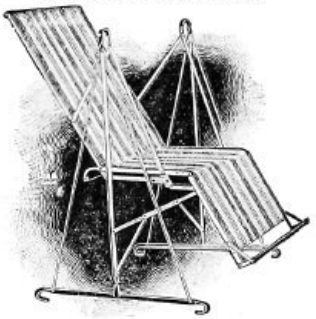
A very popular chair, as it folds into a small compact bundle and can be conveniently carried to the park, picnic, etc., without being burdensome.

HALF DOZEN IN A BUNDLE.

RECLINING CHAIRS.

No. 77—Heavy hardwood frame, varnished, 54 in. high when open, folds into flat compass 22×2 in., back extends 3 in. lower than seat frame, glued and doweled with center slats, parted to overcome the effect of dew and rain, w't per doz. 170 lbs.....per dozen $32.00

HALF DOZEN IN A BUNDLE.



No. 74—COMFORT, swinging, self-adjusting to any angle, 54 in. high when open, frame made entirely of steel, seat and back is made of one piece fancy colored canvas overlapped in center, w't per doz. 528 lbs.....per dozen $54.00

The fact that the Comfort is self-adjusting is sufficient to merit the attention of every prospective buyer.

One needs only to relax and take complete rest, because by laying back the chair moves too, so that even a full reclining position may be secured.

No. 72—Self-adjusting to any angle, does not swing, frame entirely of steel, seat and back one piece fancy colored canvas, overlapped in center, upholstered arms, height when opened 52 in., w't per doz. 444 lbs.....per dozen $54.00

It conforms to the shape of the body, supporting perfectly your head, back and feet.

ONE IN A CRATE.

PORCH ROCKERS.

Folding.

No. 110—Selected birch or hard maple, nicely finished in natural wood color, seat and back are covered with very heavy drab duck well supported and is very strong and durable, height 34 in., w't per doz. 144 lbs..per dozen $36.00

This rocker is very comfortable and folds remarkably compact. A half dozen folded for shipment nest and occupy a space only 22x44x36 in.

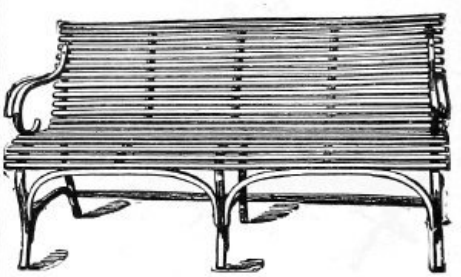
PORCH OR YACHT CHAIRS.

Folding.

No. 300—White maple frame, natural wood finish, seat and back covered with extra heavy double filled white duck, new method of fastening the legs to the top rounds permits this chair to fold compactly, 36 in. high when open, w't per doz. 144 lbs.....per dozen $36.00

No. 301—Finished to resemble mahogany, somewhat stronger, otherwise same as No. 300.....per dozen 57.00

SETTEES.



Selected Hardwood Frame, well Bolted and Braced, Seat and Back Slats Half Round, Rounded Ends, Painted in Vermilion or Green, Striped and Varnished.

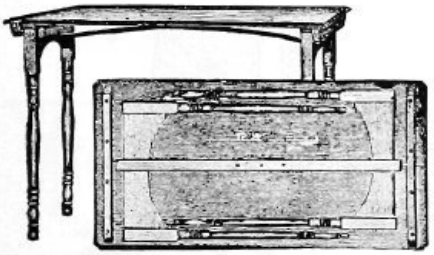
No. 60—4 ft. long, 4 legs, w't 15 lbs. each $6.00

No. 61—5 ft. long, 6 legs, w't 20 lbs. " 6.50

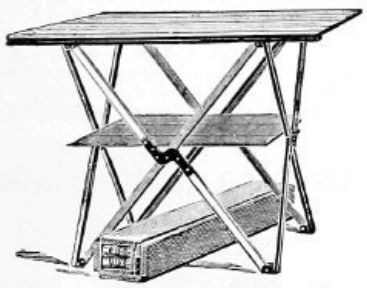
No. 62—6 ft. long, 6 legs, w't 25 lbs. " 7.00

FOLDING TABLES, COTS, STOOLS, ETC.

FOLDING TABLES.



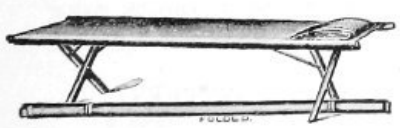
No. 40—Varnished, hard wood, well finished and braced, 36×18 in., w't per doz. 177 lbs.....per dozen $15.00
Legs fold up under the top.



No. 48—GOLD MEDAL, hardwood, oil finished, with shelf, size 38×27 in., size folded 3 ft. 2 in. by 5×7 in., w't per doz. 192 lbs .....per dozen $48.00

FOLDING COTS.

No. 42—GOLD MEDAL, 12 oz. double filled brown duck, duck fold for a pillow, size opened 6 ft. 6 in. by 2 ft. 3 in., folded 6 ft. 6 in. long by 14 in. square, w't per doz. 150 lbs.....per dozen $28.00



No. 29—GOLD MEDAL, 10 oz. white duck, duck fold for a pillow, best hardwood frame, size opened 6 ft. 4 in. by 27 in., size closed 6 ft. 4 in. by 2×4 in., w't per doz. 150 lbs.....per dozen $21.60

No. 41—GOLD MEDAL, 12 oz. double filled brown duck, duck fold for a pillow, size opened 6 ft. 6 in. by 2 ft. 4 in., folded 3 ft. 2 in. by 4×5 in., w't per doz. 180 lbs.....per dozen $40.00

FOLDING TENT COTS.

No. 10—ENTERPRISE, hard maple frame, painted green with best water proof paint, the cot cover is of 10 oz. brown duck, the canopy or tent part 8 oz. brown duck, two end windows 9×12 in. protected by strong mosquito netting, with adjustable flaps, length inside when opened 6 ft. 3 in., when folded 3 ft. 6 in., width 28 in., height above ground 18 in., from bed to top of canopy 32 in., w't 30 lbs.....each $10.00

This cot is very strongly yet lightly built, is impervious to rain or sun and is well ventilated. The sides, top and ends are collapsible and fold down closely within the frame which holds them snugly in place making a compact and convenient bundle.

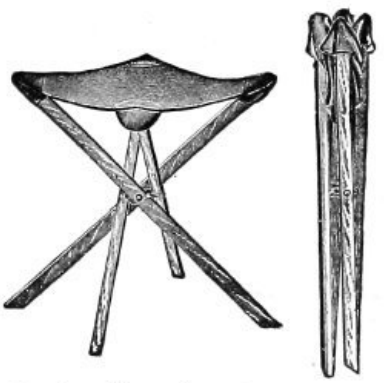
For sleeping out in the open it is just what has so long been desired, and for those who spend nights out of doors it will be found of the greatest utility and comfort.

FOLDING STOOLS.

No. 30—Plain wood, duck seat, improved method of fastening without tacks, w't per doz. 30 lbs.....per dozen $4.75

FOLDING STOOLS.

No. 35—GOLD MEDAL, plain wood, w't per doz. 36 lbs.....per dozen $6.00



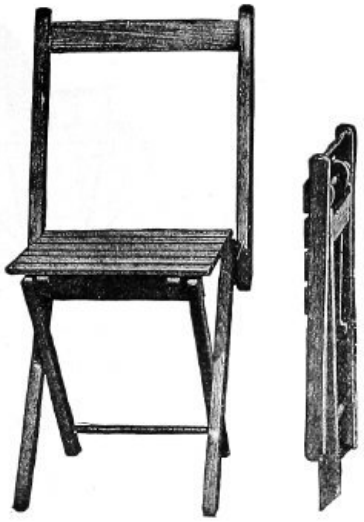
No. 33—GOLD MEDAL, heavy brown duck reinforced and tacked at corners, legs rest on two shoulders which prevent splitting or breaking, length when folded 2 ft. 2½ in. square, will support 300 lbs., w't per doz. 30 lbs.....per dozen $4.00

FOLDING CHAIRS.

No. 36—GOLD MEDAL, canvas seat, plain wood back, w't per doz. 57 lbs., per dozen..... $9.00

FOLDING CHAIRS, PORCH AND LAWN SWINGS.

FOLDING CHAIRS.



No. 7—Plain wood frame, seat and back, size of seat 13×13½ in., w't per doz. 65 lbs.....per dozen $6.85

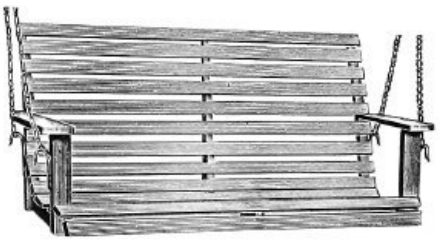
No. 8—NOVELTY, size 36×14 in., with seat 13½×14 in., locks when open or shut, very strong and durable, w't per doz. 80 lbs.....per dozen $10.00

No. 9—Framed wood seat, size 38×14 in., with seat 14×14½ in., fine finish, very strong and durable, w't per doz. 100 lbs.....per dozen $12.50

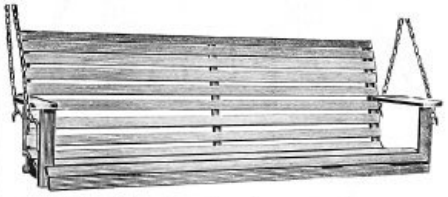
FOLDING CHAIRS.

No. 10—GOLD MEDAL, hardwood birch or rock elm, nicely finished with filler and varnish, seat of Brussels carpet, strong and durable, folds compactly, w't per doz. 60 lbs.....per dozen $13.75

PORCH SWINGS.



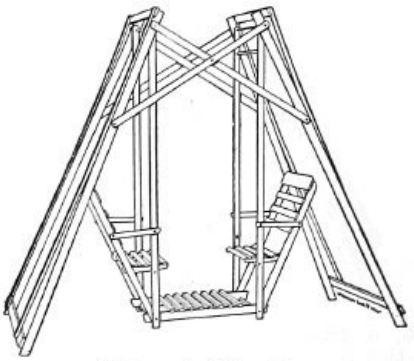
No. 220—Selected solid oak construction, finished either green or mission, length of seat 42 in., depth 19½ in., height of back 23 in., complete with the necessary hooks and chains to hang from roof of porch, w't 46 lbs.★.....each $7.50



No. 226—Selected solid oak construction, finished either green or mission, length of seat 72 in., depth of seat 19½ in., height of back, 23 in., complete with the necessary hooks and chains for hanging from roof of porch, w't 60 lbs.★ each..... $9.00

Porch swings are fast becoming very popular, and our line is made with an idea to furnish a swing that will give entire satisfaction. They are finished both in rich green and mission. When ordering, state the finished desired to avoid delay.

LAWN SWINGS.



Factory, Anniston, Ala.

No. 30—DIXIE, 4-passenger, half bolted, 8 ft. high, 30 in. seat, w't crated, 90 lbs.★.....each $7.00

This swing is half bolted, and is constructed to withstand hard usage. The bracing, including the horizontal brace, makes the swing very firm and no lateral motion. The material used is first class, painted in bright red and a coat of coach varnish.

Factory, Hopkinsville, Ky.

No. 35—CRUSO, 4 passenger, 8 ft. high, 27 in. seat, w't 125 lbs.★.....each $8.00

Our "Cruso" is a full bolted swing throughout. The strength of the derrick in this swing admits of making the hangers extra long, thus giving the swing a long pendulum, and consequently a long oscillating reach, which is a big advantage in a swing.

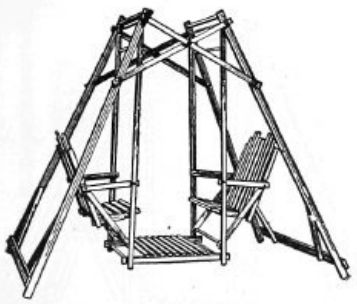
Factory, Kansas City, Mo.

No. 36—MONARCH, 4 passenger, made of selected material throughout, a strictly high grade swing, 8½ ft. high, seat 27 in. wide, w't about 136 lbs.★ each..... $11.00

★*FOR SHIPMENT FROM FACTORY ONLY.*

LAWN SWINGS.

REVO-NOC



No. 0 REVO-NOC — 4 passenger, 8½ ft. high, 25 in. seat, half bolted, hardwood construction throughout, outer frame parts painted a durable and handsome red, the inner parts are natural finish weathered oak, full length, back slats, malleable hooks on swing bars, seat and foot rest adjustments, carried in stock, w't crated 110 lbs.....each $8.00

The materials used in the construction of our line of "Rev-o-noc" lawn swings are the best that money can produce.

They are well finished and carefully fitted. The contrast between the red outer parts and the oak inner frame give these swings a very attractive and artistic appearance.

AJAX.

Factory, Goshen, Ind.

No. 1—2 passenger, 8½ ft. high, 22 in. seat, w't 90 lbs. ★.....each $ 5.00
No. 2—4 passenger, 8½ ft. high, 32 in. seat, w't 100 lbs. ★.....each 6.50
No. 3—4 passenger, full bolted, extra strong, 8½ ft. high, 34 in. seat, w't 110 lbs. ★.....each 8.00
No. 4—Full bolted park swing, 10 ft. high, 36 in. seat, w't 120 lbs. ★..each 15.00

All Ajax swings are constructed of selected hardwood, built on correct mechanical principles, and braced at every point. Seats are deep, wide and commodious, and have a good head rest. Hangers are so built, being hung from top point of frames, that you get full benefit of oscillation. Slats in footboard are extra solid and close enough so that a child cannot get his foot between the slats. All frames are finished in glossy bright vermilion, hangers and foot board natural finish and protected by coach varnish finish.

KALAMAZOO.

Factory, Kalamazoo, Mich.

No. 66—2 passenger, 8½ ft. high, 9 ft. spread, 19 in. seat, w't about 120 lbs. ★.....each $10.50
No. 65—4 passenger, 9½ ft. high, 10 ft. spread, 30 in. seat, folding seat and adjustable back, w't about 180 lbs., ★ each..... 13.00
No. 67—4 passenger, 9½ ft. high, 10 ft. spread, 30 in. folding seat, adjustable back, 6×13 ft. awning with scalloped curtain drop, w't about 200 lbs. ★ each..... 24.00

The swing frame and seats are finished in natural wood, with two coats of varnish. Backs of seats are adjustable to different positions, seat and back strips have oval corners, round ends and are heavy enough to stand all strains placed upon them. The swing frame itself is hung with heavy steel hooks from special one-half inch joint bolts.

There is not one weak point or slighted part about them.

RED STAR.

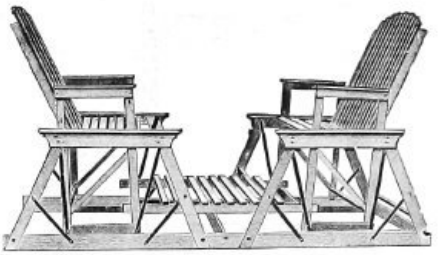
Factory, Batavia, Ills.

No. 25—Galvanized steel, 4 passenger, 9 ft. high, 36 in. seat, with awning, w't packed for shipment 190 lbs. ★..each $20.00
No. 20—Without awning, otherwise same as No. 25★.....each 15.00

The Red Star galvanized steel lawn swing is made of high carbon steel, and is thoroughly galvanized after all cutting and punching is done. The galvanizing protects it against rust and makes a finish that will last forever.

The frames of the seats and platform are angle steel, to which painted wood slats are fastened.

E-Z GLIDER.



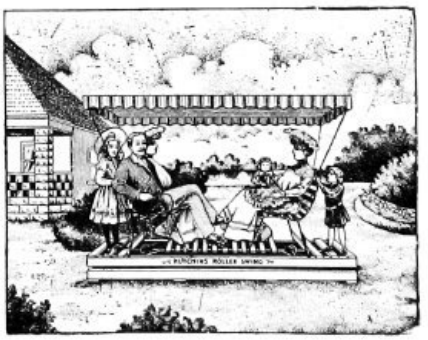
Factory, Goshen, Ind.

No. 60—4 passenger, length of base 6 ft. 10 in., seats 32 in. wide, and 17 in. deep, hardwood construction, finished in weathered oak, steel roller arms with roller rod bearings, extreme length of swing 3 ft. 4 in., w't 125 lbs. ★..each $15.00

The E-Z glider is simple in construction, and maintains a perfect gliding level motion, the full length of the base.

It has reclining and adjustable chair backs; foot rest adjust to two heights, which can be removed and hung level with seats to form hammock or gliding bed.

HUTCHINS.



Factory, Alton, Ills.

No. 70—Roller, w't 160 lbs.★.....each $13.00

Extras.

Canopies, w't 17 lbs.★.....each $3.20
Fan Attachments, w't 10 lbs.★..... " 3.20
Hammock Attachments, w't 35 lbs.★ " 3.20

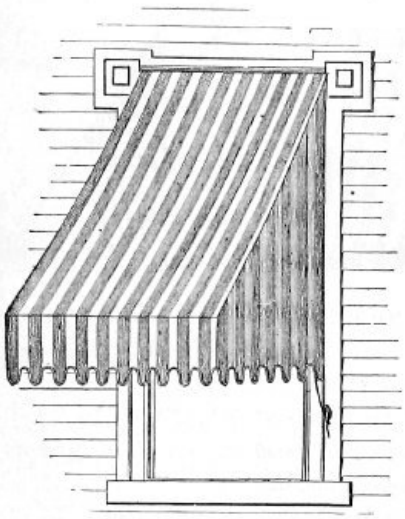
The swing is constructed of oak and yellow pine and the finest of steel and handsomely painted in red and black. Is 53 in. wide and 8 ft. long (requires 12 ft. of room).

The foot platform which is hung on four flanged wheels riding lower platform with short concave tracks on each end, allows upper platform carrying the seats to move 2 ft. each way by the slightest pressure of the feet.

★*FOR SHIPMENT FROM FACTORY ONLY.*

ADJUSTABLE AWNINGS AND CURTAINS.

WINDOW AWNINGS.



No. 10—BEIDER'S, 8 oz. fancy Duplex duck, galvanized fittings and adjustable frame, width adjustable from 30 to 48 in., w't per doz. 85 lbs., - - - per dozen $43.20

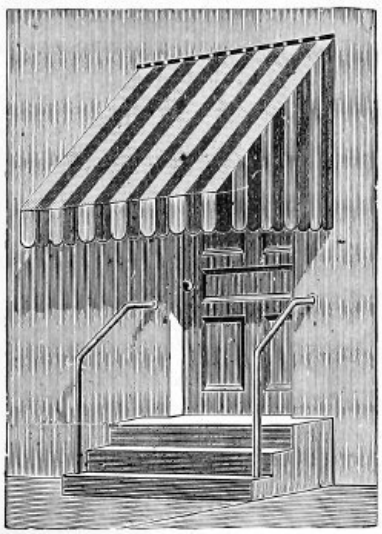
No. 1—CARROLL'S, 8 oz., adjustable, 2 ft. 4 in., 2 ft. 6 in. and 2 ft. 8 in. wide, w't per doz. 75 lbs., - per dozen 28.80

No. 2—CARROLL'S, 8 oz., adjustable, 2 ft. 10 in., 3 ft. and 3 ft. 2 in. wide, w't per doz. 75 lbs., - per dozen 28.80

No. 3—CARROLL'S, 8 oz., adjustable, 3 ft. 4 in., 3 ft. 6 in. and 3 ft. 8 in. wide, w't per doz. 75 lbs., - per dozen 28.80

Carroll's are made of bright blue and white or brown and white striped canvas, fast colors, double faced, so constructed that when faded on one side they can be turned the other side out, thus doubling their serviceability; galvanized fixtures throughout; length 42 in., projection 30 in. Equal in every respect to awnings that sell for much more money. Complete instructions for hanging with each awning.

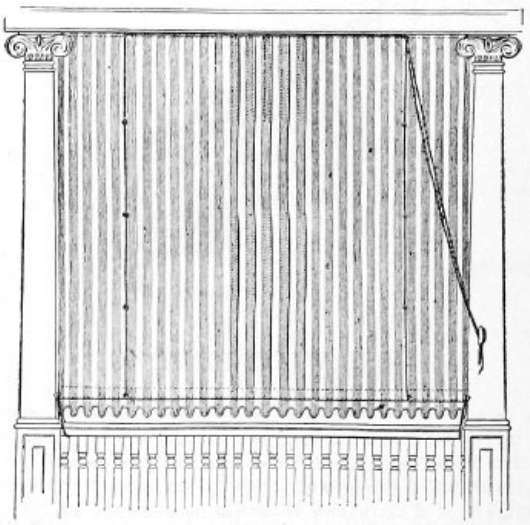
DOOR AWNINGS.



No. 4—Length 50 in., projection 52 in., width adjustable from 48 to 72 in., galvanized fixtures throughout, w't per doz. 100 lbs., - - - - - - - per dozen $86.40

Bright blue and white or brown and white striped canvas, fast colors, may be used on either side.

PORCH CURTAINS.



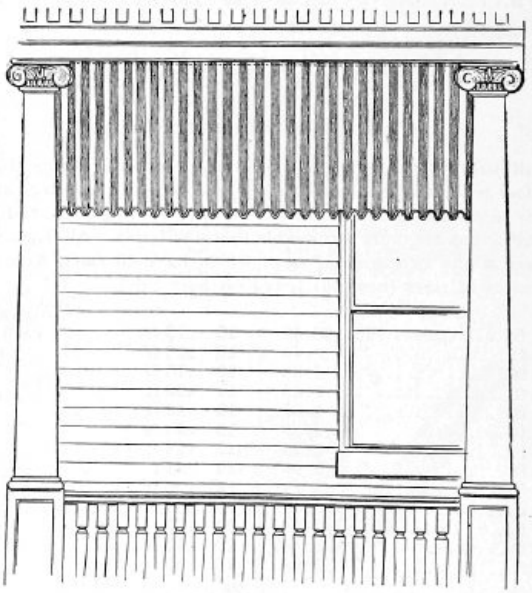
No. 20—Length 72 in., width adjustable 48 to 72 in., w't per doz. 55 lbs., - - - - - - per dozen $57.60

No. 22—Length 72 in., width adjustable 72 to 96 in., w't per doz. 55 lbs., - - - - - per dozen 72.00

No. 24—Length 72 in., width adjustable 96 to 120 in., w't per doz. 55 lbs., - - - - - per dozen 86.40

Blue and white or brown and white striped canvas, fast color, double face, may be used on either side.

PORCH VALANCES.



No. 34—24 in. wide, blue and white or brown and white striped canvas, scalloped edge, in rolls of 50 running ft., w't per roll 10 lbs., - - - - - per roll $7.20

We do not sell less than a full roll.

FLAGS AND PENNANTS.

UNITED STATES FLAGS.

BEST WOOL BUNTING.

The best finished and strongest wool bunting flag ever offered to the trade. Seams all double stitched; hems made with interlining of strong tape. Small sizes finished with canvas heading and grommets. Large sizes, from a 10x15-foot flag, with strong canvas heading and manila rope. Full complement of stars (now 46) sewed on both sides of the field, with the exception of the two smallest sized flags, which have 13 stars.

2 x 3 ft.	each	$ 1.68		**9 x15 ft.**	each	$21.28
2½x 4 ft.	"	2.52		**9 x18 ft.**	"	23.68
3 x 5 ft.	"	3.08		**10 x15 ft.**	"	23.04
3 x 6 ft.	"	3.92		**10 x16 ft.**	"	23.36
4 x 6 ft.	"	4.34		**10 x18 ft.**	"	27.20
4 x 7 ft.	"	4.76		**10 x20 ft.**	"	28.80
4 x 8 ft.	"	5.88		**12 x18 ft.**	"	29.76
5 x 8 ft.	"	6.30		**12 x20 ft.**	"	33.60
5 x 9 ft.	"	7.00		**12 x22 ft.**	"	36.80
5 x10 ft.	"	7.70		**12 x24 ft.**	"	40.00
6 x 9 ft.	"	8.12		**12½x25 ft.**	"	43.20
6 x10 ft.	"	8.40		**15 x24 ft.**	"	46.40
6 x12 ft.	"	10.50		**15 x25 ft.**	"	48.00
7 x11 ft.	"	10.92		**15 x30 ft.**	"	62.40
7 x12 ft.	"	11.48		**20 x30 ft.**	"	76.80
7 x14 ft.	"	14.42		**20 x36 ft.**	"	92.80
8 x12 ft.	"	14.28		**20 x40 ft.**	"	104.00
8 x15 ft.	"	19.20		**26 x40 ft.**	"	130.00
8 x16 ft.	"	20.80		**25 x50 ft.**	"	160.00

SEWED COTTON BUNTING.

Fine Fast Color, Guaranteed to Launder.

Small sizes with canvas heading and grommets. Large sizes from 10x15 feet with strong canvas heading and rope. These flags are made with the same care and finish as our all-wool bunting flags, and for outside decorations are more serviceable than the latter. All flags, with the exception of the two smallest sizes, which have 13 stars, have the full complement of stars (now 46) sewed on both sides.

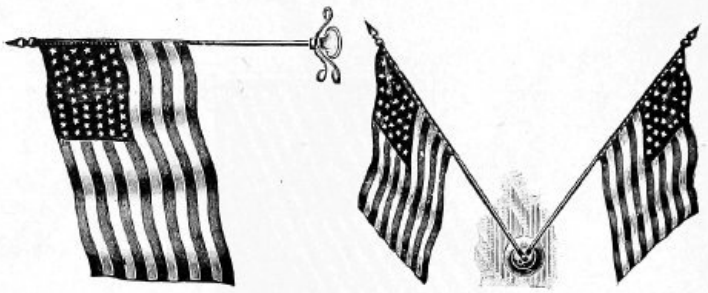
2 x 3 ft.	each	$0.68		**10 x15 ft.**	each	$ 6.84
2½x 4 ft.	"	.94		**10 x16 ft.**	"	7.08
3 x 5 ft.	"	1.36		**10 x18 ft.**	"	7.80
4 x 6 ft.	"	1.48		**10 x20 ft.**	"	9.60
4 x 7 ft.	"	1.80		**12 x18 ft.**	"	10.80
4 x 8 ft.	"	2.16		**12 x20 ft.**	"	12.00
5 x 8 ft.	"	2.28		**12 x22 ft.**	"	13.20
6 x 9 ft.	"	2.96		**12 x24 ft.**	"	13.80
6 x10 ft.	"	3.19		**12½x25 ft.**	"	14.40
6 x12 ft.	"	3.88		**15 x30 ft.**	"	16.80
8 x12 ft.	"	5.24		**20 x30 ft.**	"	21.60
8 x15 ft.	"	6.48		**20 x40 ft.**	"	30.00
9 x18 ft.	"	7.08		**25 x50 ft.**	"	45.60

Larger, or any other sizes not listed, made to order at proportionate prices.

Cotton bunting, red, white and blue, 24 in. wide..... per yard $0.20

Standard wool bunting, red, white and blue, 18 in. wide, per roll of 40 yards 13.00

EASYPUT FLAGS AND DECORATIONS SETS.



Metal Staffs Fitted with Vacuum Rubber Cups.

7x10 in., silk flag, 12 in. staff.....	per dozen	$ 4.00
8x12 in., silk flag, 14 in. staff.....	"	5.00
10x15 in., silk flag, 16 in. staff.....	"	7.00
12x18 in., silk flag, 20 in. staff.....	"	9.00
16x24 in., silk flag, 24 in. staff.....	"	12.00
16x24 in., soft cotton bunting flag, 24 in. staff.....	"	4.00
No. 18—Decoration sets, consisting of two 4x6 in. silk flags, per dozen sets.....		5.00
No. 20—Decoration sets, consisting of two 5x8 in. silk flags per dozen sets.....		7.00
No. 21—Decoration sets, consisting of two 7x10 in. silk flags, and 2-12 in. staffs.....	per dozen sets	9.00

These will stick to a window or brick wall and will withstand the strongest wind.

PENNANTS.

Finest Quality All Wool Felt, Bound with Satin Ribbons, Two Sets of Double Ribbon Streamers.

6x24 in.....	per dozen	$ 4.20
12x24 in.....	"	6.80
9x36 in.....	"	8.50
15x36 in.....	"	10.60
18x36 in.....	"	11.70

Pennants of the following colleges are carried in stock:

Amherst	Beloit	Chicago	Dartmouth	Indiana
Armour	California	Columbia	Harvard	Iowa
Army	Carlisle	Cornell	Illinois	Michigan
Minnesota	Northwestern	Pennsylvania	Stanford	Wisconsin
Missouri	Notre Dame	Princeton	Vanderbilt	Wellesley
Nebraska	Navy	Purdue	Vassar	Yale

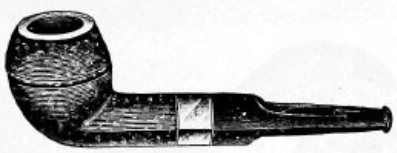
IMPORTANT.

Above prices apply on stock goods in any quantity and on pennants with special lettering up to twelve letters in lots of ½ doz. or more. On special pennants in lots of less than ½ dozen, write for prices.

FRENCH BRIAR PIPES.

No. 1758—5¼×2½ in., flat woodstock shaped briar bowl, with solid rubber push bit and nickel ferrule... per dozen $4.50

No. 1757—5×2¾ in., straight heavy egg shaped briar bowl, with saddle vulcanized rubber push mouth-piece. per dozen $4.50



No. 1519—OREGON, 5½×2½ in., bull-dog shaped briar bowl, with vulcanized rubber push bit.....per dozen $4.50
Bit equipped with double draft.

No. 1508—5⅜×2¼ in., straight flat egg shaped briar bowl, with flat vulcanized rubber push bit and nickel band, per dozen..... $4.50

No. 1033—4½×2 in., round bull-dog briar bowl, with improved amberine mouth-piece, fire gilt plain top and band, per dozen..... $4.50

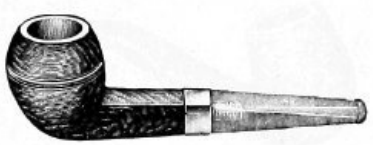
No. 911—5×2¼ in., bull-dog briar bowl, with saddle celluloid bit, nickel ferrule, per dozen..... $4.50

No. 1736B—PURITAN, 4½×2¼ in., bent shaped briar bowl, with rubber push mouth-piece, nickeled ferrule..per dozen $4.50
Fitted with a well to catch the nicotine and saliva, and can be readily cleaned. Also patent mouth-piece.

No. 1945—TORPEDO, 4⅛×2⅛ in., bent torpedo shaped briar bowl, with solid vulcanized rubber bit, nickeled ferrule, per dozen..... $4.50

No. 1202—4×1¾ in., round egg shaped bent stem briar bowl, with nickel ferrule and celluloid mouth-piece....per dozen $4.50

No. 1281—3¾×1¾ in., vest pocket shape bent briar bowl, with diamond shaped celluloid bit and nickel ferrule. per dozen $4.50



No. 971—SETTER DECK, 5×2¼ in., flat bottom celluloid mouth-piece, bull-dog shaped bowl, nickel ferrule, per dozen..... $5.30

No. 1290—4⅝×2 in., large bent bull-dog shaped briar bowl, with round celluloid mouth-piece and nickel ferrule, per dozen..... $6.00

ONE DOZEN IN A BOX

No. 1289—4⅛×2 in., bent flat egg shaped briar bowl, with new block oval celluloid mouth-piece and nickel ferrule, per dozen..... $6.00

No. 1761—5×2¼ in., large round calabash shaped briar bowl, with bent vulcanized rubber push bit and nickel ferrule.....per dozen $7.10

No. 1760—SETTER, 4½×2¼ in., bent bowl, with block vulcanized rubber mouth-piece and nickel ferrule, the ideal desk pipe.....per dozen $7.50

No. 1312—5×3 in., bent tulip shaped briar bowl, with hand-made horn mouth-piece and brass finished top band, per dozen..... $7.50

No. 1331—5×2¼ in. German Abguss briar bowl, with hand made horn mouth-piece and horn socket for thorough cleaning of the pipe, nickel band and strong nickel cover..... per dozen $9.00

FRENCH BRIAR PIPES.

No. 935—6×3½ in., long straight bull-dog shaped briar bowl, with fancy twisted celluloid bit and carving with silver wire around the bowl, per dozen $9.00

No. 991—6⅛×3⅛ in., large straight bull-dog briar bowl, with heavy celluloid mouth piece and filigree brass finished top and band .....per dozen $9.00

No. 1604—SETTER SKULL, 4¾×2½ in., briar bowl, with vulcanized rubber push bit and nickel band... per dozen $9.00
A very nobby article.

No. 9014—WOTAN, 5⅛×2½ in., straight bull-dog shaped briar bowl, with flush vulcanized rubber push bit and sterling silver band.....per dozen $10.50

No. 9017—WOTAN, 5×2½ in., straight square egg shaped briar bowl, with vulcanized rubber push bit and sterling silver band..... per dozen $10.50

No. 9009—WOTAN, 4⅞×2½ in., bent egg shaped bowl, with round vulcanized rubber push bit and sterling silver band..... per dozen $10.50

No. 9008—WOTAN, 4½×2¼ in., English hand made briar bowl, bent college shape and sterling silver band, vulcanized rubber bit..... .....per dozen $10.50

No. 2633—5½×1½ in., large heavy flat briar pipe with large Hungarian shaped bowl and broad ferrule, genuine amber mouth-piece.....per dozen $18.00

No. 2502—5×1¾ in., straight bull-dog briar bowl, with genuine square amber mouth-piece..... per dozen $18.00

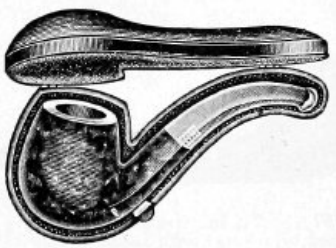
No. 2641—YACHT, 6⅛×1¾ in., long flat woodstock shape, select French briar bowl, novel French finish, with genuine flat amber mouth-piece.....per dozen $18.00

No. 2927—4⅝×1¾ in., large bent square egg shaped briar bowl, with square genuine amber mouth-piece. per dozen $21.00

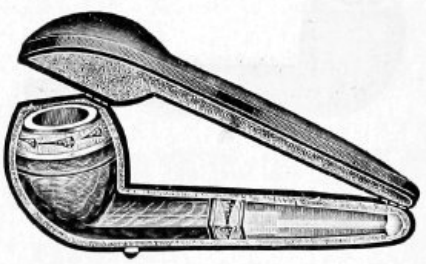
No. 2563—5⅜×2⅜ in., straight square woodstock shaped briar bowl, sterling silver band and genuine amber mouth-piece.....per dozen $22.50

ONE DOZEN IN A BOX.

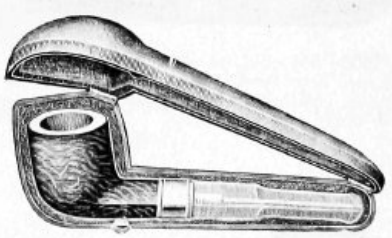
No. 2963½—4×1¾ in., bent college shaped bowl, with 2 in. saddle genuine amber mouth-piece .....per dozen $24.00



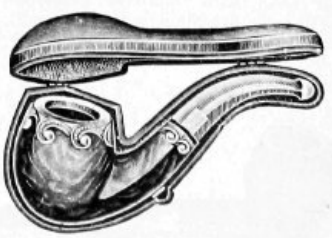
No. 3656—4¼×1¾ in., bent square egg shaped briar bowl, improved English finish, square amber mouth-piece, plush lined chamois case.....per dozen $45.00



No. 3745—5½×1⅞ in., straight bull-dog shaped briar pipe, with square amber mouth-piece and novel chased gold top and band, plush lined, leather case, per dozen..... ..... $49.00



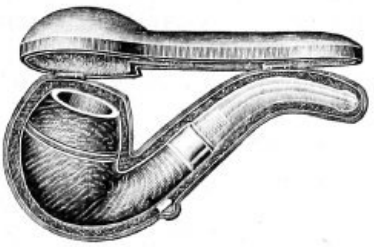
No. 3624—4¾×1⅝ in., straight Hungarian shaped English finished briar bowl, with heavy saddle amber mouth-piece, sterling silver band and plush lined chamois case.....per dozen $54.00



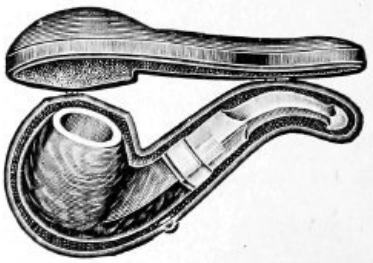
No. 3776—4¼×1¾ in., bent egg shaped briar bowl, with square amber bit, fancy design, chased gold top and band, leather case..... per dozen $54.00

FRENCH BRIAR PIPES.

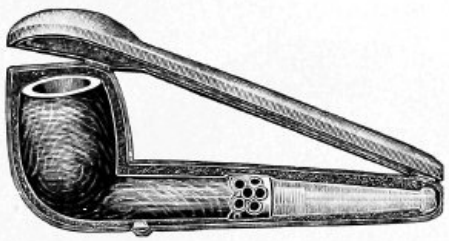
No. 3770—4⅜×1¾ in., bent bull-dog shaped briar bowl, with square amber mouth-piece, chased gold top and band, plush lined leather case.....per dozen $54.00



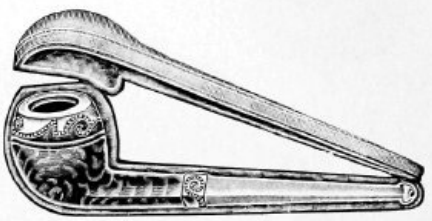
No. 3651—4¾×1¾ in., bent round bull-dog shaped briar bowl, English finish, round amber mouth-piece, sterling silver band, and plush lined chamois case, per dozen..... $58.50



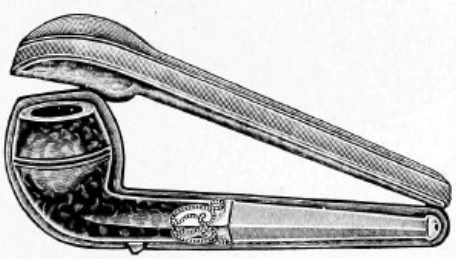
No. 3294—4¾×1¾ in., large heavy bent college shaped briar bowl, with heavy saddle amber mouth-piece and sterling silver band, plush lined leather case, per dozen..... $67.50



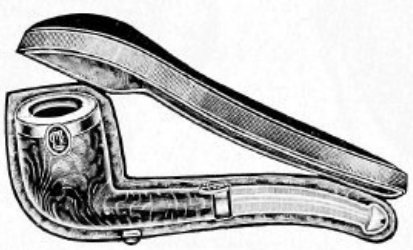
No. 3765—5¾×1⅞ in., round heavy lumbermen's briar pipe with egg shaped bowl and round heavy amber mouth-piece, chased gold filled fancy band, and chamois case....per dozen $58.50



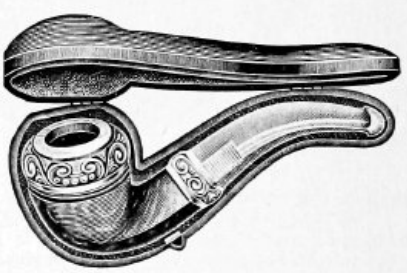
No. 3753—6½×1⅞ in., straight bull-dog shaped French briar bowl, square genuine amber mouth-piece, gold filled top and band with raised silver wire, beautiful plush lined chamois leather case, per dozen..... $90.00



No. 3738—6×1⅞ in., straight bull-dog shaped briar bowl, with genuine amber mouth-piece, long sterling silver band with raised silver wire, plush lined chamois leather case..... per dozen $58.50



No. 3881—5¼×1⅞ in., flat regal busch shaped bowl, with gold filled top and band and medallion heads extending on the pipe, chamois plush lined case, per dozen..... $63.00



No. 3781—5×2¼ in., bent square bulbitch French briar, with solid amber mouthpiece and raised chased gold top and band, chamois leather plush lined case, per dozen..... $99.00

"OUR VERY BEST" HIBBARD BICYCLES.

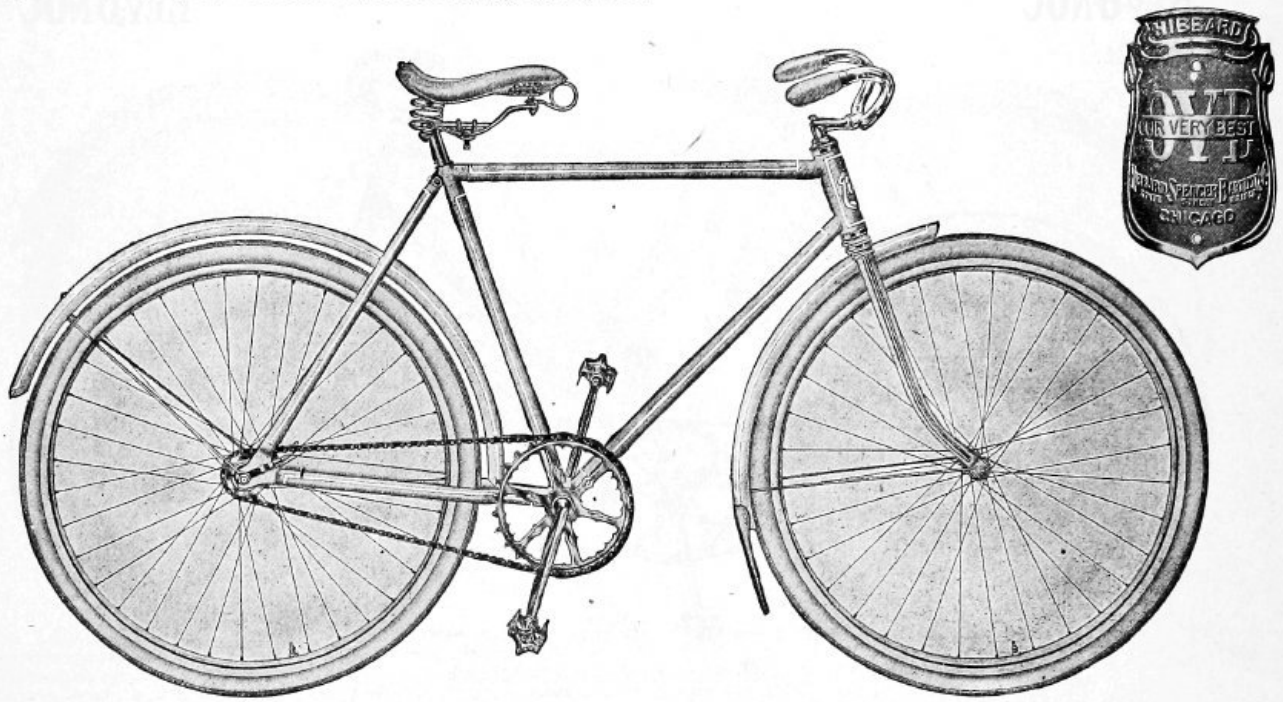
All bicycles look alike to some, but a bicycle should not be purchased entirely on its appearance. While good appearance is desired in a wheel, *durability* and *quality* count in the long run. Our wheels combine both *quality and appearence.* Service alone will prove the quality of any article that has the use and abuse a bicycle has. *Our line has stood the test.*

Considering the number of years we have been in the bicycle business, our experience is as valuable to the purchaser as it is to us.

Our reputation has been earned on the high quality of our wheels and we jealously guard it by the most careful inspection of every detail in the construction of our line.

Our wheels have proved their worth and are *backed by a guarantee that insures protection to dealer and rider.* The fact that we have largely increased our business in the past season indicates how our bicycles are being received by dealers all over the United States.

When we put the trade mark H W B on an article we know *positively* that it is the highest degree of perfection. We do not claim that this wheel is the cheapest on the market, but we do claim that it is absolutely our very best.



Specifications.

Frame—22-in. regular, option of 20-in. or 24-in., made from the finest quality Shelby seamless 20 gauge steel tubing, flush joints, fishmouth reinforcements which eliminate vibration and buckled joints, in addition to this reinforcement, the frame has heavy steel pins connecting all reinforcements which make it absolutely unbreakable, main tubes 1-in., head 1⅛-in., upper rear fork ⅞-in., oval pattern, rear lower fork ¾-in., slightly formed.

Fork—This important part has forged steel three plate crown and is reinforced down the entire length of the fork sides by an extra ribbed reinforcement, which insures strength and beauty.

Finish—Before this wheel is finished, it is given five coats of enamel, and the final coat is hand polished. Can be furnished in Royal blue with wide gold stripes *or* in Yale blue with wide gold stripes, rims in each instance being dark blue with light blue center.

Crank Hanger—One piece, fitted with Diamond pattern 7-in. cranks, made from high carbon spring steel. Guaranteed not to break or bend. The cones and cups on this hanger are fitted so that it is impossible for dirt to get in. It is unnecessary to have any oil holes as the bearings are packed in vaseline and will remain in good condition for a year or more. Can be easily taken apart and put together by any one.

Hubs—The famous New Departure Bell pattern, turned from solid bar of steel, fitted with the highest grade of cups, cones and bearings.

Tires—We can furnish our famous REVONOC Brand Tough Tread tires in either grey or red. These tires are thoroughly guaranteed.

Coaster Brakes—We can furnish the following well known makes of coaster brakes, at a slight addition in cost: Corbin, New Departure, Morrow, Eclipse or New Atherton.

Mud Guards—To match wheel; leather flap can also be furnished.

Chain—Highest quality, ⅜ in. B block pattern, blue sides, straw-colored polished center.

Gear—81, 9-tooth rear and 26-tooth front sprocket.

Seat Post—7/8 in. forward L with pinch bolt binder.

Handle Bar—No. X618 Kelly adjustable extension, 19 in. wide, with sewed leather grips, 7/8 in. internal expander. Option of Kelly handle bar.

Pedals—Standard Star Rat Trap, No. 35.

Saddle—No. 14 H W B with Universal nickel plated springs.

Tool Bag—Containing wrench, oil can and pump.

Colors.

Option in colors of Royal blue with wide gold stripes, rims dark blue with light blue center and gold stripes; *or* Yale blue with wide gold stripes, rims dark blue with light blue center and gold stripes.

H W B **Hibbard,** stripped (without saddle, pedals, handle bar, tool bag or tires)	each	$27.70
H W B **Hibbard,** equipped (except tires)	"	34.50
H W B **Hibbard,** equipped with REVONOC single tube grey tires, 28×1½ or 1⅝ in.	"	42.00
H W B **Hibbard,** equipped with REVONOC single tube red tires, 28×1½ or 1⅝ in.	"	43.00
H W B **Hibbard,** equipped with G. & J. pattern grey or red tires, 28×1½ or 1⅝ in	"	50.50
H W B **Hibbard,** equipped with M. & W. double tube tires, 28×1½ or 1⅝ in.	"	48.00
Coaster Brake, Corbin, New Departure, Morrow or Eclipse	extra "	6.50
Mud Guards, to match wheel, with leather flap	extra "	2.30

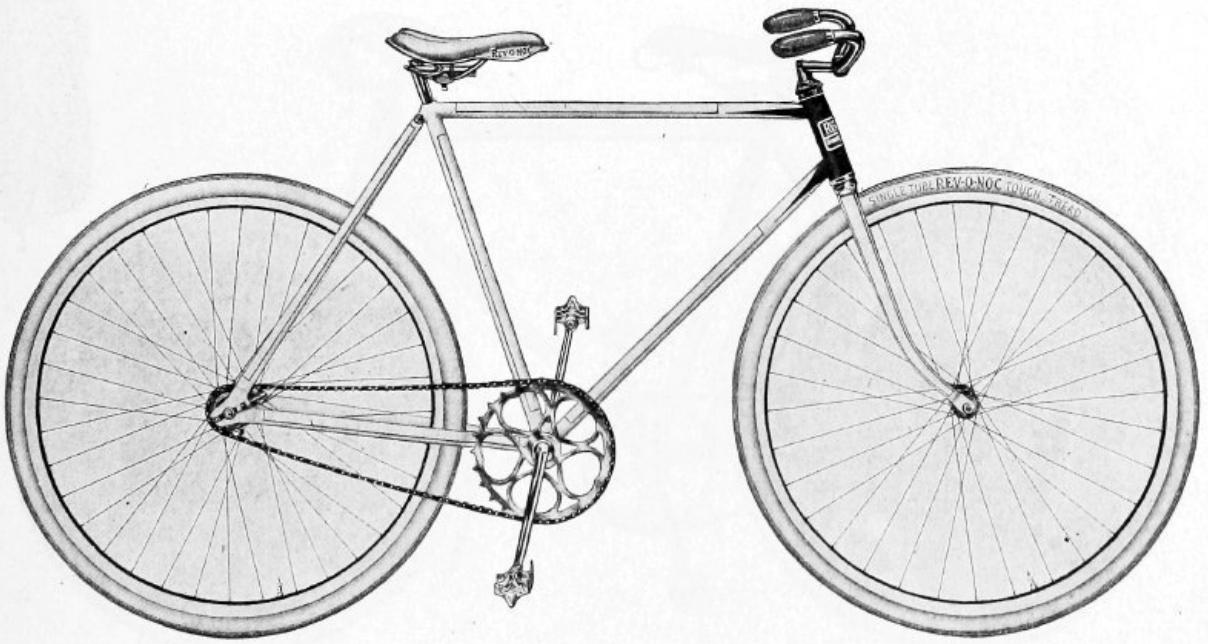
Any change in equipment will be charged for at additional cost.

"OUR VERY BEST" HIBBARD BICYCLE IS FULLY GUARANTEED FOR THE YEAR IN WHICH THE PURCHASE IS MADE.

MEN'S "REV-O-NOC" BICYCLES.

A strictly high grade wheel at a popular price. There is no better wheel made for the price than our REV-O-NOC. The same absolute guarantee for mechanical perfection covers this wheel as that on our H.S.B. & CO. Hibbard. For those who want a wheel that will "stand up" on the roughest kind of a country road, a wheel "that will take you and bring you back," we believe that this wheel is equal to any of the high grade wheels on the market at the present time, with the exception of our H.S.B. & CO.

H.S.B. & CO. REV-O-NOC H.S.B. & CO. REV-O-NOC



Specifications.

Frame—22-in., regular, option of 20-in. or 24-in, made from the finest grade 20 gauge Shelby seamless (not welded) tubing, fishmouth reinforcements with steel pins, flush joints. Main tubes, 1 in.; head, 1½-in., upper rear fork ⅝-in., oval pattern, lower rear fork, ¾-in., slightly formed.

Fork—Forged steel Diamond pattern crown, nickel plated, heavily reinforced fork sides, ⅞×18 in., seamless tubing.

Finish—Stearns' yellow with black sunburst head, black hair-line stripes, rims Stearns' yellow with black center, edged with red; *or* Tribune blue, crimson sunburst head, black hairline stripes, rims Tribune blue with black hairline stripes; *or* black with gold stripes, rims to match.

Crank Hanger—One piece, oval pattern, 7-in. cranks, made from high carbon spring steel, sprockets, boiler plate steel, milled true to pitch.

Hubs—Bell pattern, finely finished and fitted with best quality cones, cups and bearings.

Saddle—Our REV-O-NOC 24C. Highest quality leather with coil spring. An unusually comfortable saddle.

Chain—High quality, ⅜ in. B block pattern, blue sides, straw colored center.

Gear—81, sprocket 9-tooth rear, and 26-tooth front.

Seat Post—⅞ in. forward L. with pinch bolt binder.

Handle Bar—No. X458, adjustable, or No. X658 extension, 20 in. wide, wound leather grips, ⅞ in. expander stem.

Pedals—Standard No. 1 Rat Trap.

Tool Bag—Containing wrench, oil can and pump.

Colors.

Option in colors of Stearns' yellow with black sunburst head, black hair-line stripes, rims Stearns' yellow with black center, edged with red; *or* Tribune blue, crimson sunburst head, black hair-line stripes, rims Tribune blue with black hair-line stripe; *or* black with gold stripe, rims to match.

REV-O-NOC stripped (without saddle, pedals, handle bar, tool bag or tires)	each	$24.00
REV-O-NOC equipped (except tires)	"	29.00
REV-O-NOC equipped with REV-O-NOC single tube grey tires, 28×1½ or 1⅝ in.	"	35.50
REV-O-NOC equipped with REV-O-NOC single tube red tires, 28×1½ or 1⅝ in.	"	36.00
REV-O-NOC equipped with M. & W. double tube tires, 28×1½ or 1⅝ in.	"	39.50
REV-O-NOC equipped with G. & J. pattern grey or red, tires, 28×1½ or 1⅝ in.	"	41.00
Coaster Brake, Corbin, New Departure, Morrow or Eclipse	extra "	6.50
Mud Guards, to match wheel, with leather flap	extra "	2.00

Any change in equipment will be charged for at additional cost.

THE "REV-O-NOC" BICYCLE IS FULLY GUARANTEED FOR THE YEAR IN WHICH THE PURCHASE IS MADE.

LADIES' "REV-O-NOC" BICYCLES.

REV-O-NOC REV-O-NOC

The Lady REV-O-NOC is made of the same high grade material and in the same careful manner as the men's REV-O-NOC bicycle. The construction insures the greatest rigidity that is possible in a lady's bicycle.
The double truss frame makes it a very strong wheel and greatly adds to its appearance.
Easy to mount and dismount and balanced so as to make it an extremely easy running bicycle.
Has steel dress and mud guards, fully protecting the rider.

Specifications.

Frame—22 in. regular, option of 20 in., Shelby seamless tubing, main tubes 1 in., head 1½ in., upper rear fork ⅝ in., oval pattern, lower rear fork ¾ in., slightly formed.
Fork—Diamond shape, ⅞ in., forged crown, nickel plated, reinforced.
Finish—Tribune blue with crimson sunburst head, rims to match; or black, rims to match.
Cranks—1 piece Diamond pattern, 6½ in.
Chain—High quality, 3/16 in. B block pattern, blue sides, straw colored center.
Hubs—Bell pattern, finely finished and fitted with best steel bearings.
Gear—74, sprocket 9-tooth rear, 24-tooth front.
Seat Post—⅞ in. forward L, with pinch bolt binder.
Handle Bar—No. X458 upturned, adjustable, or No. X658 extension, 20 in. wide, with wound leather grips, ⅞ in. expander stem.
Pedals—Bridgeport combination No. B2½.
Saddle—No. 6 REV-O-NOC coil spring.
Tool Bag—Containing wrench, oil can and pump.
Guards—Steel enameled guards to match frame.

Colors.

Option in colors of Tribune blue with crimson sunburst head, rims to match; *or* black, rims to match.

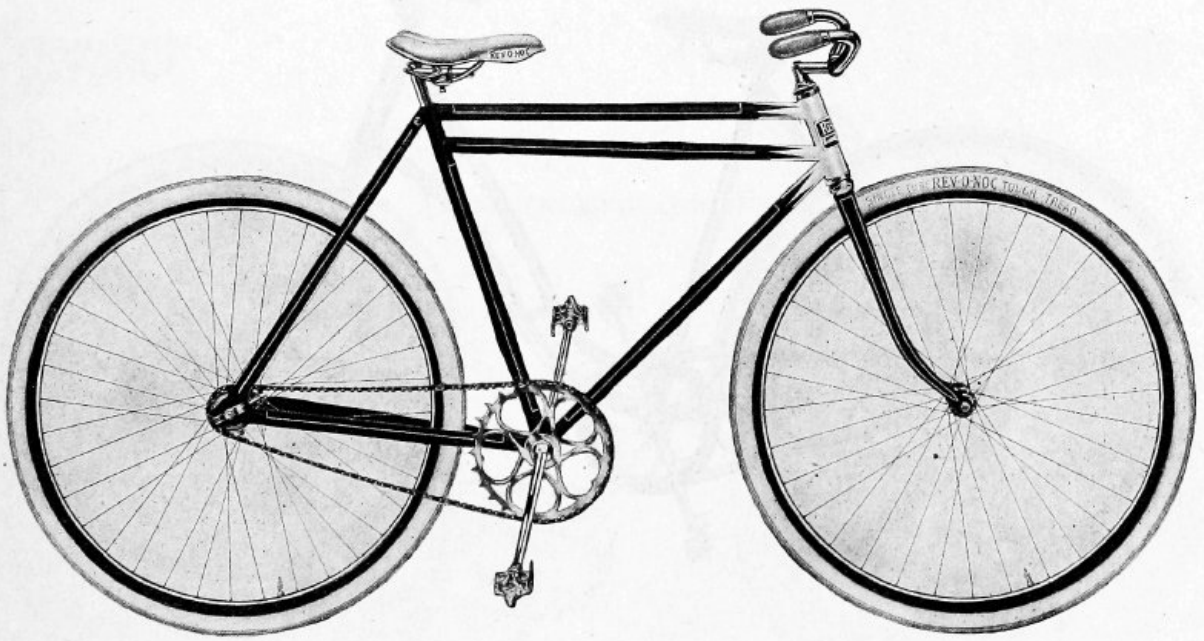
Lady REV-O-NOC stripped (except saddle, pedals, handle bar, tool bag and tires)	each	$26.00
Lady REV-O-NOC equipped except tires	"	31.00
Lady REV-O-NOC equipped with REV-O-NOC single tube grey tires, 28×1½ or 1⅝ in	"	37.50
Lady REV-O-NOC equipped with REV-O-NOC single tube red tires, 28×1½ or 1⅝ in	"	38.00
Lady REV-O-NOC equipped with G. & J. pattern grey or red tires, 28×1½ or 1⅝ in	"	43.00
Lady REV-O-NOC equipped with M. & W. double tube tires, 28×1½ or 1⅝ in	"	41.50
Coaster Brake, Corbin, New Departure, Morrow or Eclipse	extra "	6.50

Any change in equipment will be charged for at additional cost.

THE "REV-O-NOC" BICYCLE IS FULLY GUARANTEED FOR THE YEAR IN WHICH THE PURCHASE IS MADE.

"REV-O-NOC" TRUSS FRAME BICYCLES.

We have added this model to our line on account of the demand for a truss frame bicycle. We know that any of our wheels are strong enough to stand all the abuse that a bicycle is given, but in order to meet the demand of those who feel that their weight requires an especially strong frame, we have added this style. It is made on strictly scientific principles and is thoroughly guaranteed in every particular.



Specifications.

Frame—22-in. regular, option of 20-in. or 24-in., made from 1-in. 20 gauge Shelby seamless tubing throughout, fishmouth reinforcements, pinned at all vital points, insuring great strength and rigidity.

Fork—Special drop-forged, nickel plated crown, $\frac{7}{8}\times 18$ in. gauge fork sides, fitted with our famous REVONOC Diamond Fork Crown.

Finish—Tastefully enameled in Brewster green with red sunburst head on both main and center bars, making a very attractive wheel. Rims green with red center edged with gold.

Crank Hanger—One piece, 7-in. oval pattern crank, same as used on our REVONOC model.

Hubs—Bell pattern, finely finished and fitted with best steel bearings.

Chain—High quality, $\frac{3}{16}$ in. B block pattern, blue sides, straw colored center.

Gear—81, sprocket 9-tooth rear, and 26-tooth front.

Seat Post—$\frac{7}{8}$ in. forward L, with pinch bolt binder.

Handle Bar—No. X458, adjustable, or No. X658 extension, 20 in. wide, wound leather grips, $\frac{7}{8}$ in. expander stem.

Pedals—Standard No. 1 Rat Trap.

Saddle—No. 24 REVONOC coil spring.

Tool Bag—Containing wrench, oil can and pump.

REVONOC Truss Frame, stripped (without saddle, pedals, handle bar, tool bag or tires)	each	$28.00
REVONOC Truss Frame, equipped (except tires)	"	33.00
REVONOC Truss Frame, equipped with REVONOC single tube grey tires, $28\times 1\frac{1}{2}$ or $1\frac{5}{8}$ in	"	39.50
REVONOC Truss Frame, equipped with REVONOC single tube red tires, $28\times 1\frac{1}{2}$ or $1\frac{5}{8}$ in	"	40.00
REVONOC Truss Frame, equipped with G. & J. pattern red or grey tires, $28\times 1\frac{1}{2}$ or $1\frac{5}{8}$ in	"	45.00
REVONOC Truss Frame, equipped with M. & W. double tube tires, $28\times 1\frac{1}{2}$ or $1\frac{5}{8}$ in	"	43.50
Coaster Brake, Corbin, New Departure, Morrow or Eclipse	extra "	6.50
Mud Guards, to match wheel, with leather flap	extra "	2.00

Any change in equipment will be charged for at additional cost.

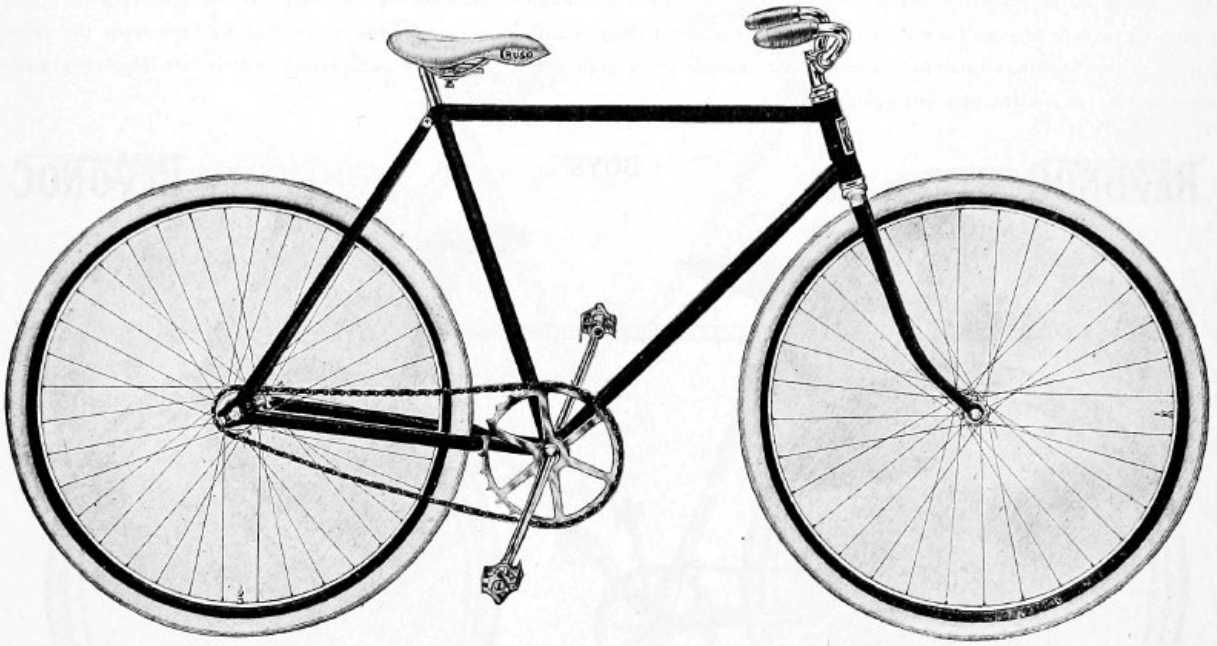
"REV-O-NOC" TRUSS FRAME BICYCLE IS FULLY GUARANTEED FOR THE YEAR IN WHICH PURCHASE IS MADE.

CRUSO BICYCLES.

When you know our price on this wheel, you may think it is cheaply constructed, but it is cheap in price only. While it is sold at a very low figure, it is guaranteed throughout and is recommended where a wheel is wanted for general utility. This wheel is especially made to meet the demand for a good, first-class wheel at a low price.

The Ladies' "Cruso" is made of the same high grade material and with the same degree of care as the men's.

The ladies' bicycle is geared lower than the men's. It has the double truss frame which makes it strong and rigid. The dress and mud guards are made of steel and are so constructed as to fully protect the skirts of the rider from accident and dirt.



Specifications.

Frame—22-in. regular, option of 20-in. or 24-in, made from 20 gauge Shelby seamless tubing (not welded) throughout. Flush joints; fishmouth reinforcements, pinned throughout.

Fork—Oval pattern, drop forged crown, nickel plated. Reinforced sides.

Finish—Black, rims black with red centers; nickel plated fork crown; *or* vermilion with black rims with red centers.

Crank Hanger—One piece; oval pattern 7-in. cranks.

Chain—$\frac{3}{16}$ in. B block pattern.

Hubs—Tubular, bell shaped, with selected steel bearings.

Gear—81, sprocket 9-tooth rear, 26 tooth front.

Seat Post—$\frac{7}{8}$ in. forward L, pinch bolt binder.

Handle Bar—No. X458 adjustable, wound leather grips No. 24.

Pedals—Pirate Rat Trap.

Saddle—No. 15 Cruso.

Tool Bag—Containing wrench, oil can and pump.

Men's Cruso, stripped (without tires, handle bar, saddle, pedals or tool bag)	each	$19.00
Men's Cruso, equipped except tires	"	22.00
Men's Cruso, equipped with Royal unguaranteed tires 28×1½ or 1⅝ in.	each	26.00
Men's Cruso, equipped with REVONOC guaranteed grey tires, 28×1½ and 1⅝ in.	each	28.00
Men's Cruso, equipped with REVONOC guaranteed red tires, 28×1½ and 1⅝ in.	each	28.50
Men's Cruso, equipped complete with G. & J. pattern grey tires 28×1½ or 1⅝ in.	each	33.50
Men's Cruso, equipped complete with G. & J. pattern red tires, 28×1½ or 1⅝ in.	each	34.00
Mud Guards, to match bicycle	extra, each	2.00
Coaster Brake, Corbin, New Departure, Morrow or Eclipse, extra, each		6.50

Specifications.

Frame—22 in., option of 20 in., seamless tubing, main tubes 1 in., head 1½ in.

Fork—Oval drop-forged, enameled, reinforced sides.

Finish—Black only, with mahogany finished rims.

Crank Hanger—6½ in. cranks, 1 piece oval pattern.

Chain—$\frac{3}{16}$ in. B block pattern.

Hubs—Tubular, bell shaped, with selected steel bearings.

Gear—74 sprocket 9-tooth rear, 24-tooth front.

Seat Post—$\frac{7}{8}$ in. forward L, pinch bolt binder.

Handle Bar—No. X458 adjustable, upturned, No. 24 wound leather grips.

Pedals—Pirate combination.

Saddle—No. 16 Cruso.

Tool Bag—Containing wrench, oil can and pump.

Guards—Steel enameled mud guards to match frame.

Lady Cruso, stripped (without handle bar, tires, saddle, pedals or tool bag)	each	$21.00
Lady Cruso, equipped except tires	"	24.00
Lady Cruso, equipped with Royal unguaranteed tires 28×1½ or 1⅝ in.	each	28.00
Lady Cruso, equipped with REVONOC single tube grey tires, 28×1½ or 1⅝ in.	each	30.00
Lady Cruso, equipped with REVONOC single tube red tires, 28×1½ or 1⅝ in.	each	30.50
Lady Cruso, equipped complete with G. & J. pattern grey tires, 28×1½ or 1⅝ in.	each	35.50
Lady Cruso, equipped complete with G. & J. pattern red tires, 28×1½ or 1⅝ in.	each	36.00
Coaster Brake, Corbin, New Departure, Morrow or Eclipse, extra, each		6.50

Any change in equipment will be charged for at additional cost.

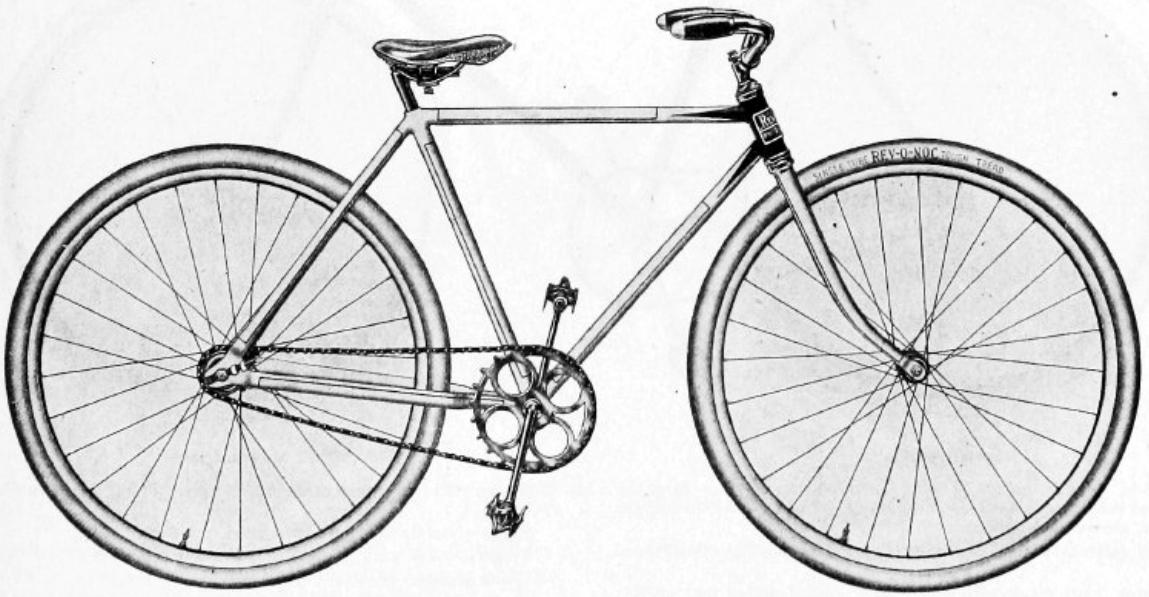
THE CRUSO BICYCLE IS FULLY GUARANTEED FOR THE YEAR IN WHICH THE PURCHASE IS MADE

"REV-O-NOC" JUVENILE BICYCLES.

Great care is used in the construction of this wheel as the juvenile wheels are the most important of any line. No wheel made is given more abuse than those ridden by the younger generation. The adult would not think of taking the risks on a bicycle that the juvenile rider does. Riding over obstacles, riding off of sidewalks, lack of attention generally, make it absolutely necessary that the finest material only be used.

Our sales on juvenile bicycles for the past season have exceeded those of any other year for the reason that we have made the juvenile wheel question a study, as we know how carefully a wheel should be made for juvenile purposes. All of our juvenile wheels are absolutely guaranteed to be the highest quality of construction and equipment.

REV-O-NOC BOYS' REV-O-NOC



Specifications.

Frame—16-in., equipped with 24-in. wheels; 18-in., equipped with 26-in. wheels; made of 20 gauge Shelby seamless tubing.

Fork—The most important detail of a juvenile wheel is the fork, on account of the great strain that is given the front wheel. Fork crown made from a drop forging with semi-arch, nickel plated crown, ⅞-in. fork sides, reinforced.

Finish—We believe that the youth is entitled to bright finishes same as the adult rider, and have made our wheels very attractive by finishing with Stearns' yellow with black sunburst head, black hairline stripes; rims yellow with black center, edged with red.

Crank Hanger—We use the one-piece crank hanger made in the same manner as the balance of our crank hangers, with 5½-in. oval cranks; the balance of the equipment is made especially for us and designed on juvenile lines throughout.

Chain—⅜ in., B block pattern, blue sides, straw colored center.

Hubs—New type Bell pattern, finely finished and fitted with selected bearings.

Gear—59, sprocket 8-tooth rear, 20-tooth front.

Seat Post—⅞ in., pinch bolt binder.

Handle Bar—No. X758 Adjustable Juvenile, with wound leather grips.

Pedals—Standard No. 2J.

Saddle—No. 72 REV-O-NOC.

Coaster Brakes—Should be fitted to every juvenile wheel on account of the additional pleasure and the protection against accidents.

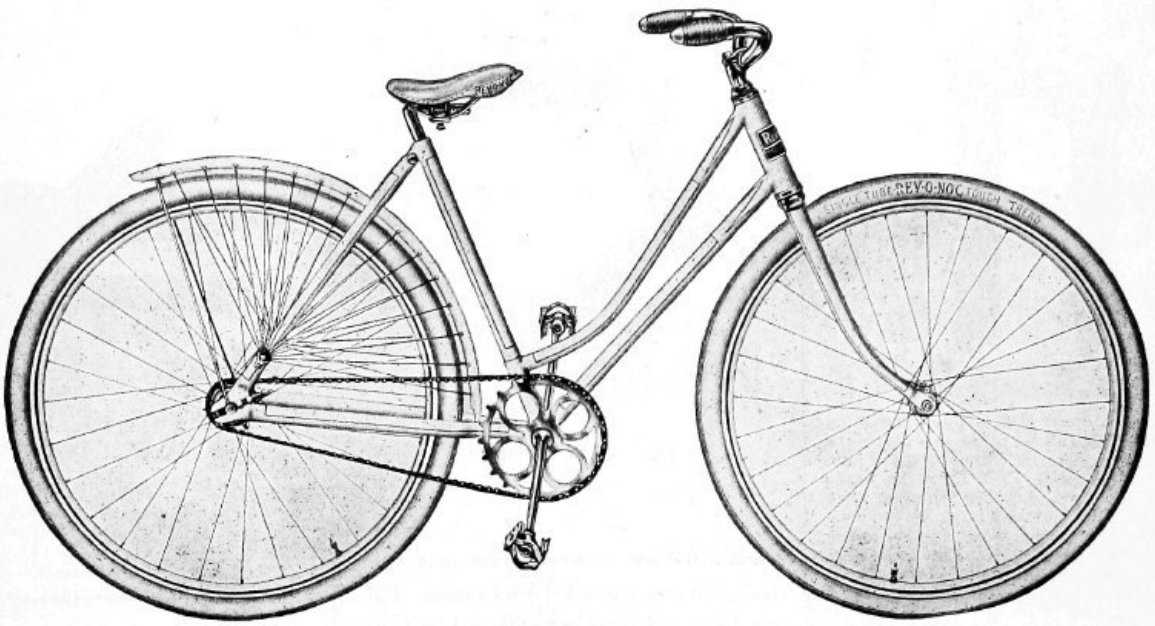
Boys' REV-O-NOC 16 in. frame, equipped with Royal unguaranteed 24 in. tires	each	$28.00
Boys' REV-O-NOC 16 in. frame, equipped with REV-O-NOC guaranteed 24 in. grey tires	"	29.50
Boys' REV-O-NOC 16 in. frame, equipped with REV-O-NOC guaranteed 24 in. red tires	"	30.00
Boys' REV-O-NOC 18 in. frame, equipped with Royal unguaranteed 26 in. tires	"	28.50
Boys' REV-O-NOC 18 in. frame, equipped with REV-O-NOC guaranteed 26 in. grey tires	"	30.50
Boys' REV-O-NOC 18 in. frame, equipped with REV-O-NOC guaranteed 26 in. red tires	"	31.00
Coaster Brake, Corbin, New Departure or Morrow	extra "	6.50

Any change in equipment will be charged for at additional cost.

THE "REV-O-NOC" BICYCLE IS FULLY GUARANTEED FOR THE YEAR IN WHICH THE PURCHASE IS MADE.

"REV-O-NOC" JUVENILE BICYCLES.

H.S.B. & CO. REV-O-NOC GIRLS'. H.S.B. & CO. REV-O-NOC



Specifications.

This model is made in the same careful manner that our Boys' Juvenile is, and is constructed on scientific lines so as to properly balance. There is no easier riding juvenile wheel on the market.

Frame—16 in., equipped with 24-in. wheels; 18-in., equipped with 26-in. wheels, made of Shelby seamless tubing, main tubes 1 in., head 1½ in., upper rear fork ⅝-in., lower rear fork ¾-in., slightly formed.

Fork—The most important detail of a juvenile wheel is the fork, on account of the great strain that is given the front wheel. This is made of a drop-forging with semi-arch nickel plated crown, ⅞-in. fork sides, reinforced.

Finish—Tribune blue with crimson sunburst head, black hairline stripe, rims Tribune blue, black hairline stripe.

Crank Hanger—5½ in. cranks, one piece oval pattern.

Chain—3/16 in., B block pattern, blue sides, straw colored center.

Hubs—New type, Bell pattern, finely finished and fitted with selected bearings.

Gear—59, sprocket 8-tooth rear, 20-tooth front.

Seat Post—⅞ in., pinch bolt binder.

Handle Bar—No. X758, Adjustable Juvenile, with wound leather grips.

Pedals—Standard No. 2 J. C. combination.

Saddle—No. 72 REV-O-NOC.

Coaster Brakes—Should be fitted to every juvenile wheel on account of the additional pleasure and the protection against accidents.

Mud Guards—For those who wish mud guards on this wheel we can furnish at a small extra charge. The wheel is not furnished with mud guards unless so ordered.

Girls' REV-O-NOC 16 in. frame, equipped with Royal unguaranteed 24 in. tires	each	$29.00
Girls' REV-O-NOC 16 in. frame, equipped with REV-O-NOC guaranteed 24 in. grey tires	"	30.50
Girls' REV-O-NOC 16 in. frame, equipped with REV-O-NOC guaranteed 24 in. red tires	"	31.00
Girls' REV-O-NOC 18 in. frame, equipped with Royal unguaranteed 26 in. tires	"	29.50
Girls' REV-O-NOC 18 in. frame, equipped with REV-O-NOC guaranteed 26 in. grey tires	"	31.50
Girls' REV-O-NOC 18 in. frame, equipped with REV-O-NOC guaranteed 26 in. red tires	"	32.00
Coaster Brake, Corbin, New Departure, or Morrow	extra "	6.50
Mud Guards, on girls' bicycles	extra "	1.00

Any change in equipment will be charged for at additonal cost.

THE "REV-O-NOC" JUVENILE BICYCLE IS FULLY GUARANTEED FOR THE YEAR IN WHICH THE PURCHASE IS MADE.

GUARANTY.

WE AGREE WITH THE PURCHASER OF EACH "O.V.B. HIBBARD," "REV-O-NOC" OR CRUSO BICYCLE TO MAKE GOOD BY REPAIR OR REPLACEMENT ANY DEFECTS IN MATERIAL OR WORKMANSHIP, PROVIDED THE DEFECTIVE PART IS DELIVERED TO US TRANSPORTATION CHARGES PREPAID.

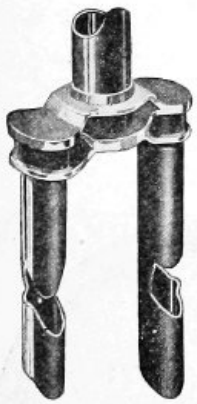
THIS GUARANTY DOES NOT COVER COST OF REPAIRING BICYCLES DAMAGED BY ACCIDENT, MISUSE, OR NEGLECT AND EXPIRES DEC. 31ST OF THE YEAR IN WHICH PURCHASE IS MADE.

IN RETURNING DEFECTIVE PARTS, DO NOT FAIL TO PUT YOUR OWN NAME AND ADDRESS ON THE TAG, AND TO WRITE A LETTER GIVING FULL PARTICULARS. FAILURE TO DO THIS MAY BE THE CAUSE OF MUCH UNNECESSARY DELAY.

BICYCLES.

THE WAY OURS ARE MADE.

The construction details shown on this page are from actual photographs. While we have tried to make our illustrations as clear as possible and have made our claims as strong as we can, we cannot do them justice and would much prefer that you see the wheels and test them yourself. We can substantiate all the claims we have made for them.

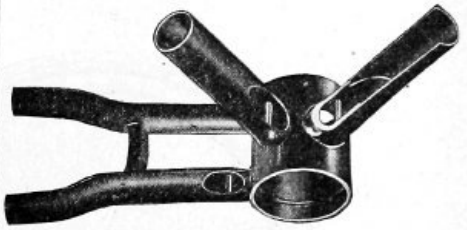


Front Fork Construction.

Hibbard, Front Fork.—The illustration shown will give you an idea of the great strength and handsome appearance of our Front Forks. The three plate Fork Crown is made from a drop forging and is the strongest that can be used. The illustration shows you the extra ribbed reinforcements which run the entire length of the fork sides, making it absolutely unbreakable. This outside rib is nickel plated which adds greatly to the beauty of the fork.

Sectional View of Head.

Sectional View of Head—Made from finest quality 20 gauge seamless steel tubing. Fish-mouth reinforcements and additional steel pins. All brazed joints in our frames are dipped in a solution of copper and zinc. This manner of brazing reaches both inside and outside of all reinforcements. Some frames are merely brazed in the fire and are brazed on the ouside only.

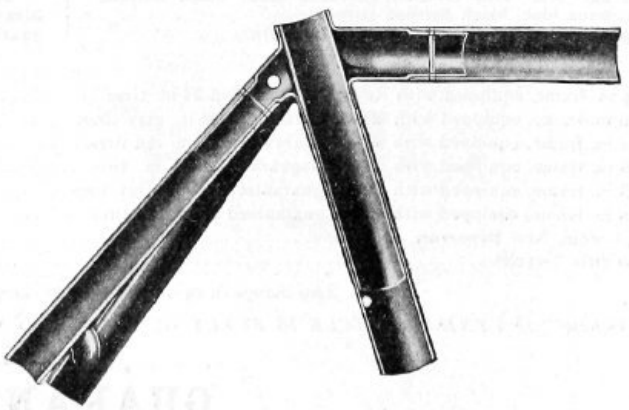


Hanger Bracket.

Hanger Bracket.—Note the reinforcements and manner of putting the extra steel pins in all parts that are subject to strain. Note the evenness of wall, which is not possible in welded tubing. The bracket construction consists of seamless tubing throughout. The tool steel cups are pressed, not screwed, into the bracket.

Crank Hanger.

Crank Hanger.—Illustration shows our Hibbard one-piece crank hanger. The cranks and crank shaft are made in one piece and are of the finest quality carbon spring steel, expressly made for this purpose. Cranks are diamond shape and heavily nickel plated. The sprockets used are made from boiler plate steel. Each sprocket is milled and machined accurately to gauge. Cups and cones used are turned from tool steel and are perfectly ground. This is the simplest hanger made and it does not require any experience to take it apart and put it together again.



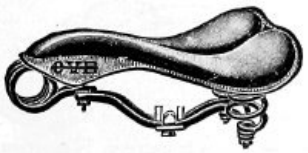
Seat Post Mast Construction.

Seat Post Mast Construction.—Enamel will cover a great many defects, but we could not guarantee our wheels as we do, unless we knew the construction. This important part of the whee has extra long, heavy reinforcement and steel pins throughout, and has an arched seamless brace between the rear stays. All parts made from seamless steel tubing.

The different illustrations merely call attention to a few of the many good points of our line.

BICYCLE SADDLES.

GVB



No. 12 GVB—Men's, truss spring wood base, felt padded, tan color grain leather, high back, 10¼×8 in., w't 1½ lbs., each $1.75

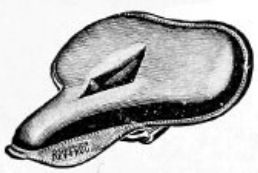
No. 14 GVB—Men's, with C. G. universal spring, otherwise same as No. 12, w't 1⅞ lbs.....each 2.25

No. 17 GVB—Men's, truss spring, wood base, felt padded, best tan color grain leather, 10×8¾ in., w't 1¼ lbs., each..... $2.25

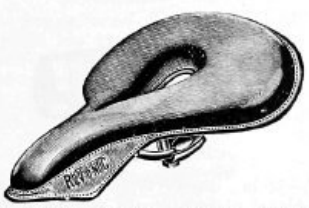
No. 18 GVB—Men's, with C. G. universal spring, otherwise same as No. 17, w't 2 lbs.....each 2.75

ONE IN A BOX.

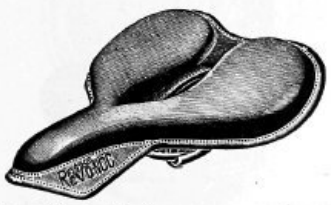
REVONOC



No. 72 REVONOC—Juvenile, truss spring, well padded, grain leather, 6½×7½ in., w't 1 lb..... each $1.00



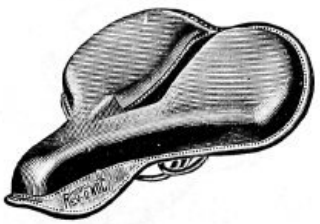
No. 28 REVONOC—Men's, truss spring wood base, padded, grain leather, 7¾×9¾ in., w't 1 lb.....each $1.20



No. 24 REVONOC—Men's, truss spring, wood base, padded, tan color grain leather, 9¼×8¼ in., w't 1 lb....each $1.25

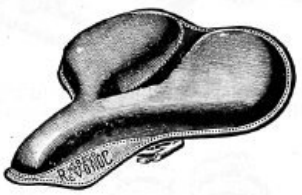
ONE IN A BOX.

REVONOC

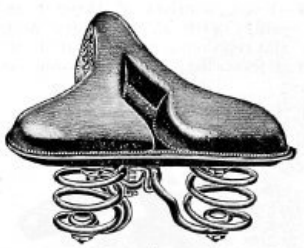


No. 24C REVONOC— Men's, B. G. coil spring, wood base, well padded, tan color grain leather, 9¼×8¼ in., w't 1 lbs.....each $1.35

No. 25 REVONOC— Women's, coil spring, wood base, padded, tan color grain leather, 8¼×7½ in., w't 1⅛ lbs. each 1.35



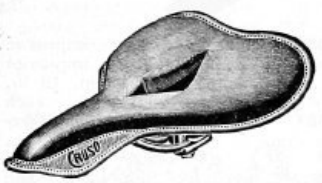
No. 75 REVONOC— Men's, truss spring, wood base, felt padded, tan color grain leather, 9½×8 in., w't 1 lb.....each $1.50



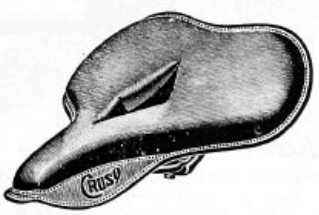
No. 6 REVONOC— Women's, coil spring, wood base, felt padded, tan color grain leather, 9¼×8¼ in., w't 1⅛ lbs..each $1.60

ONE IN A BOX.

"CRUSO."



No. 15—Cruso, men's, truss spring, wood base, well padded, good grade leather, 9¼×7½ in., w't ⅞ lbs.....each $1.00

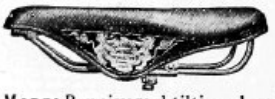


No. 16—Cruso, Women's, truss spring, wood base, well padded, good grade leather, 8¼×8¼ in., w't 1 lb....each $1.25

ONE IN A BOX.

PERSON'S.

No. 100—Special, heavy single spring drop forged, universal clamp polished and plated, 11×7¾ in., w't 1½ lbs., each $2.25



No. 101—Model B, universal tilting clamp, unbreakable bolt, new tension adjustment has strap loops for tool bag, 11×7¾ in., w't 1¾ lbs.....each $2.50

No. 102—Royal, heavy twisted double wire spring, drop forged universal clamp, machine plated and polished, 11×7¾ in., w't 1½ lbs.....each $2.50

No. 103—Speedwell, special double spring, new clamp binding spring and saddle with 1 screw, 11×7¾ in., w't 1½ lbs.....each $2.50

No. 104—Old Comfort, 4-wire spring containing 8 coils, universal clamp, most comfortable saddle made, 11×7¾ in., w't 2 lbs.....each $2.75

No. 105—Tourist, triple wire twisted spring with 4 coils, universal clamp, 11×7¾ in., w't 2¼ lbs.....each $3.00

No. 106—Roadster, 4-wire spring with 8 coils, narrow concave pommel, best saddle for coaster brake bicycles, 9¼×8¼ in., w't 2¼ lbs.....each $3.0

No. 300—Peerless, two nickeled cushion springs, large size, finest quality leather, 11×9 in., w't 3½ lbs....each $5.00

No. 301—Maximas, two compound cushion nickeled springs, finest quality leather, heavy nickeled brace, 11×9 in., w't 4 lbs.....each $6.00

ONE IN A PACKAGE.

SADDLES, HANDLE BARS, SPRINGS, ETC.

TROXEL SADDLES.

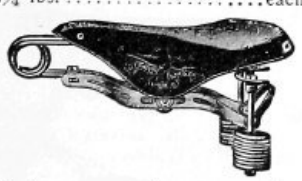
No. 200—RACER, men's, single wire frame, enameled spring, imported leather, 10¾×7¾ in., w't 1 lb.....each $2.00

No. 201—SPECIAL, men's, enameled double truss springs, universal clamp, imported leather, 10¾×7¾ in., w't 1½ lbs.....each $2.50

No. 202—ROADSTER, men's, enameled single wire truss springs, spiral coil in rear, nose coil in front, high grade leather, 10¾×7¾ in., w't 2 lbs...each $2.75

No. 203—LEADER, men's, four wire frame, universal clamp, finest selected leather, 10¾×8¾ in., w't 1¾ lbs..each $3.00

No. 204—EMPIRE, men's, enameled double truss wire springs, spiral coil in rear, nose coil in front, universal clamp, finest leather, 10¾×8¾ in., w't 2¼ lbs.....each $3.50



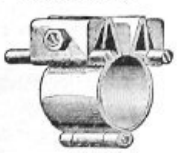
No. 205—CLIMAX, men's, truss cushion springs, spiral coil in rear, nose coil in front, universal clamp, imported leather, 12×9½ in., w't 4½ lbs.....each $6.75

SEAT POSTS.

No. 74X—Forward L, with expander, nickel plated, ⅞ in., w't per doz. 7½ lbs., per dozen ... $6.00

SADDLE CLAMPS.

No. 5G.



No. 7G.

No. 5G—Nickel plated forged steel, w't per doz. 1 lb.....per dozen $1.50

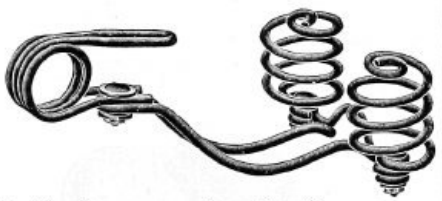
No. 7G—CHALFANT, direct, nickel plated and polished, for wire, for 1 or 1⅛ in. tubing, w't per doz. 4 lbs....per dozen 5.50

HALF DOZEN IN A BOX.

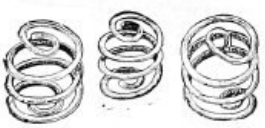
SADDLE SPRINGS.

No. AG—Plain, nickel plated and polished, w't per doz. 4 lbs.....per dozen $1.80

No. BG—Coil, nickel plated and polished, w't per doz. 6½ lbs.....per dozen $2.40



No. CG—UNIVERSAL, adjustable to fit any saddle, w't per doz. 16 lbs....per dozen $8.00



No. EG—Esco, consists of three round coil springs with all necessary bolts, nuts and washers, nickel plated, w't per doz. sets 9 lbs.....per dozen sets $3.60

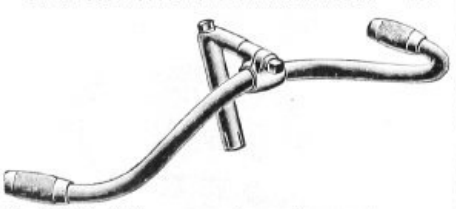
LOOSE.

HANDLE BARS.

No. 458X—Schinneer pattern, improved adjustable expander, with improved adjusting clamp, ⅞ in. stem, 19 in. wide, *without* grips, w't 1½ lbs...each $1.20

No. 758X—Juvenile, 16 in. wide, otherwise same as No. 458X, w't 1¼ lbs., each..... 1.20

No. 45 —Stems, for Nos. 458X and 758X, diam. ⅞ in., with expander, w't 10 oz.....each .65



No. 658X—Schinneer pattern, improved adjustable clamp, with expander, ⅞ in. stem, 19 in. wide, 2½ in. forward extension, *without* grips, w't 1¾ lbs..each $1.60

No. 65 —Stems, for the above, diam. ⅞ in., with expander, w't 14 oz..each .85

ONE IN A PACKAGE.

HANDLE BARS.

No. 858X—California pattern, ⅞ in. stem, 22 in. wide, 4 in. drop, 1½ in. forward bend, 2½ in. forward extension, *without* grips, w't 2 lbs.....each $2.00

No. 608X.

No. 618X.

Kelly Adjustable.

No. 608X—⅞ in. stem, 18 in. wide, 1 in. extension, with expander, *without* grips, w't 1⅞ lbs.....each $2.25

No. 618X—⅞ in. stem, 18 in. wide, 2½ in. extension, with expander, *without* grips, w't 2 lbs.....each 2.50

The extreme width from center to center when grips are level with head is 19½ in.

ONE IN A PACKAGE.

HAND GRIPS.

No. 26.

Leather Body.

No. 24—⅞ in., plain wood cap and ferrule, w't per doz. pairs 1½ lbs., per dozen pairs..... $1.80

No. 26—⅞ in., cherry stained wood cap and ferrule, w't per doz. pairs 1½ lbs., per dozen pairs..... 2.00

ONE DOZEN PAIRS IN A BOX.

Leather Body.

No. 27—⅞ in., cherry stained wood cap and nickel plated ferrule, w't per doz. pairs 1¾ lbs.....per dozen pairs $2.50

ONE DOZEN PAIRS IN A BOX.

All Leather.

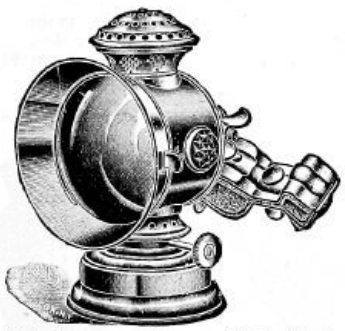
No. 29—⅞ in., sewed grain leather, nickel plated ferrule, w't per doz. pairs 1½ lbs., per dozen pairs..... $4.50

ONE DOZEN PAIRS IN A BOX.

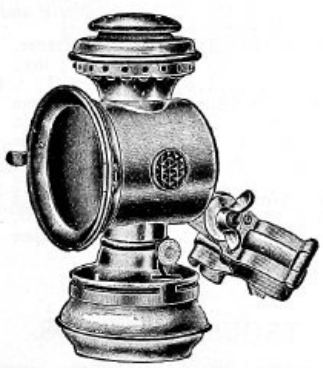
BICYCLE LAMPS.

OIL.

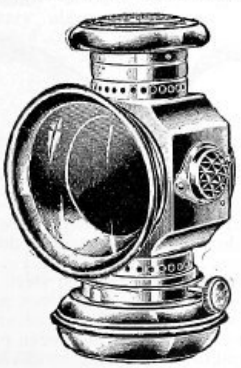
No. 210—LIGHT WEIGHT, brass, full nickel plated, height 6 in., 2½ in. lens, w't ⅞ lb.....each $1.25



No. 260—STERLING, brass, nickel plated and polished, height 5½ in., 2½ in. lens, w't ⅞ lb.....each $1.50



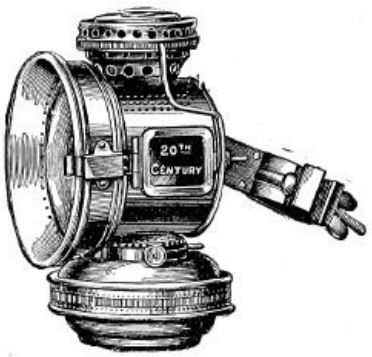
No. 212—SOLAR, brass, full nickel plated, removable top head, aluminum reflector and wick lock burner, 2½ in. double convex lens, ¾ in. red jewel side lights, combination head and fork bracket, height 6 in., w't 1⅜ lbs..each $1.50



No. 216—COLUMBIA, brass, full nickel plated, 2½ in. lens, height 6 in., w't 1⅜ lbs.....each $1.80

ONE IN A BOX.

OIL.



No. 220—20TH CENTURY, brass, full nickel plated, self locking wick, improved locking device for oil fount, aluminum parabolic reflector, hinged front and side doors, rigid bracket, height 5½ in., 2¾ in. lens, w't 1¼ lbs.....each $2.00

ONE IN A BOX.

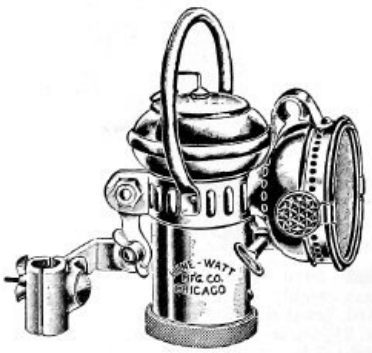
ACETYLENE GAS

No. 230G—SEARCH LIGHT, brass, full nickel plated, automatic in action, will not jar out, height 8 in., 2½ in. lens, w't 1¾ lbs.....each $2.50

No. 217—COLUMBIA, brass, full nickel plated, automatic water feed controlled by gas pressure, gas cock regulates the light, jewel side lights, 2½ in. double convex lens, height 5¼ in., w't 1⅞ lbs., each..... $3.00

ONE IN A BOX.

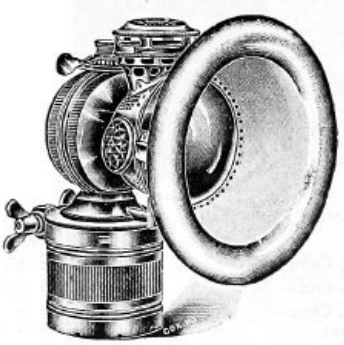
ACETYLENE GAS.



No. 217B—COLUMBIA, buggy, gun metal finish, jewel side lights, 2½ in. lens, height 7½ in., fitted with heavy bail and dashboard bracket, w't 2⅛ lbs., each..... $3.50

Automatic water feed, controlled by gas pressure.

No. 218—SOLAR, brass, full nickel plated, new patent valve, turns on or off, both gas and water, produces a light that projects 100 ft., 1½ in. jewel side lights, 1½ in. reflector, height 7 in., 2½ in. lens, w't 2 lbs.....each $3.00



No. 264—20TH CENTURY, motorcycle and bicycle, heavy gauge brass, full nickel plated and polished, red and green jewel side lights, 6 in. front reflector, 2½ in. lens, height 7¼ in., w't 1⅝ lbs.....each $5.25

ONE IN A BOX.

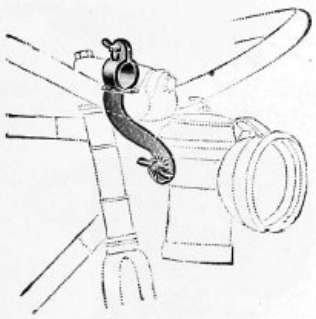
BICYCLE LAMPS, CARBIDE, TOOL BAGS, ETC.

ACETYLENE GAS LAMPS.

No. 222—20TH CENTURY, heavy gauge brass, highly nickel plated and polished, jewel side lights, 3½ in. reflector, 2½ in. lens, capacity 4 to 6 hours, height 7 in., combination bracket, w't 1¾ lbs .....each $3.00

ONE IN A BOX.

LAMP BRACKETS.



No. 9G—Extension, nickel plated steel, clamps on any handle bar, fits any make gas lamp, w't per doz. 2⅛ lbs. per dozen $4.00

ONE DOZEN IN A BOX.

CALCIUM CARBIDE.

Electro.

2 lb. Cans—½ in. size.....per can $0.35
10 lb. Cans—½ or 1 in. size..... " 1.50
2 lb. Cans—½ in. size, (24 cans in a case).....per case 7.50
10 lb. Cans—½ or 1 in. size, (6 in a case) per case..... 8.00
100 lb. Drums—Lump, sizes 3½×2 in., 2×½ in., 1¼×⅜ in. and ¼×1½ in., per drum..... 9.00

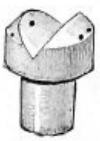
1 in. carbide is prepared particularly for use in large automobile lamps, ½ in. for small auto and bicycle lamps.

CARBOLITE.

Superior Quality Calcium Carbide.

2 lb. Cans—½ in. size.....per can $0.35
10 lb. Cans—½ or 1 in. size... " 1.50
2 lb. Cans—½ in. size (24 in a case) per case..... 7.50
10 lb. Cans—½ or 1 in. size, (6 in a case).....per case 8.00
100 lb. Drums—Lump, 3½×2 in., 2×½ in., 1¼×⅜ in. and ¼×1½ in., per drum..... 9.00

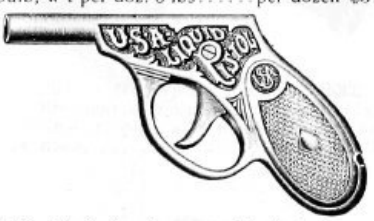
CARBIDE BURNERS.



No. 2—Fish tail flame, for lamps using large size lava tips.....per dozen $1.50

LIQUID PISTOLS.

No. 5G—SOKUM, white metal, nickeled, recharges and fires by pressure on the bulb, w't per doz. 6 lbs.....per dozen $3.00

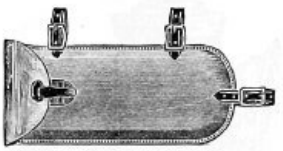


No. 1G—U. S. A., fires over 20 shots in one loading, fires and recharges by pulling trigger, polished nickel, 5 in. long, w't per doz. 6¼ lbs....per dozen $9.00
No. 2G—Rubber Holsters, for U. S. A. pistols, w't per doz. 1 lb.....per dozen 1.00

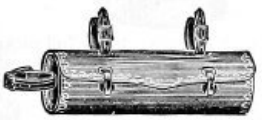
No. 3G—WIZARD, fires over 20 shots with one loading, polished nickeled metal, 5¼ in. long, w't, per doz. 7 lbs., per dozen..... 9.00

ONE IN A BOX; ONE DOZEN IN A CARTON.

TOOL BAGS.

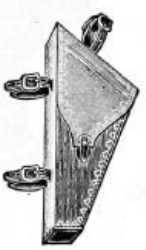


No. 9—Men's, oval, smooth leather, w't per doz. 2¾ lbs.....per dozen $3.60



No. 10G—Men's, round, pebble grain leather, patent fastening, w't per doz. 1¼ lbs.....per dozen $4.80
No. 10P—Men's, round, pebble split leather, otherwise same as No. 10G., per dozen..... 4.20

Nos. 20G and 20P.



Nos. 60P and 60G.

No. 20G—Men's, triangular, grain leather, patent fastening, w't per doz. 2¼ lbs., per dozen..... $7.20
No. 20P—Split leather, otherwise same as No. 20G.....per dozen 5.40
No. 60P—Women's, triangular, pebble leather, patent fastening, w't per doz. 2 lbs.....per dozen 4.80
No. 60G—Women's, triangular, grain leather, patent fastening, w't per doz. 2 lbs.....per dozen 7.80

TROUSER GUARDS.

No. 11.

No. 21.

No. 22.

No. 25.

No. 11—Corrugated, enameled steel, w't per doz. pairs ½ lb., per dozen pairs..... $0.30
No. 21—PERFECTION, enameled steel, w't per doz. pairs ½ lb....per dozen pairs .30
No. 22—PERFECTION, cloth covered, steel, w't per doz. pairs ⅜ lb.per dozen pairs 1.10
No. 25—Combination guard and lock, nickel plated steel, w't per doz. pairs ¼ lb.....per dozen pairs 3.00

NOS. 11 TO 22, THREE DOZEN; NO. 25, ONE DOZEN IN A BOX.

BICYCLE BELLS, WHISTLES AND HORNS.

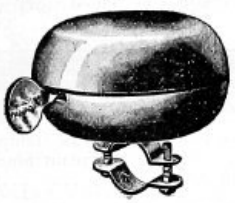
REVONOC BELLS.

No. 125 REVONOC—1¾ in., nickel plated and polished, rotary electric alarm, bevel beaded wrought gong, w't per doz. 2½ lbs.....per dozen $2.25

No. 135 REVONOC—2 in., otherwise same as No. 125, w't per doz. 3¼ lbs..per dozen 2.50

No. 25 REVONOC—1¾ in., nickel plated and polished, rotary electric alarm, bevel beaded stamped gong, loud tone, w't per doz. 3 lbs.....per dozen $3.00

No. 35 REVONOC—2 in., otherwise same as No. 25, w't per doz. 4¼ lbs...per dozen 4.20



No. 45 REVONOC—2½ in., nickel plated, two wrought gongs of different tone, producing a loud alarm, w't per doz. 4½ lbs., per dozen..... $4.00

No. 140 REVONOC—2 in., nickel plated, electric rotary alarm, gong handsomely ornamented with fleur-de-lis design, bevel bead, w't per doz. 6 lbs..per dozen..... $6.00

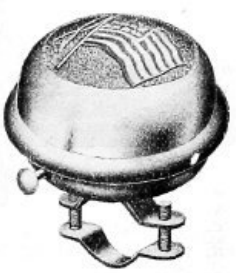
No. 150 REVONOC—2 in., nickel plated, with American flag enameled in colors against pebbled back-ground, bevel beading, rotary electric alarm, w't per doz. 6¼ lbs.....per dozen $6.00

ONE IN A BOX.

REVONOC BELLS.

No. 65 REVONOC—2¾ in., heavily nickel plated and polished, continuous ringing chime, rotary electric alarm; alarm continues during forward and backward action of the lever, w't per doz. 6½ lbs., per dozen..... $7.00

No. 70 REVONOC—2¼ in., nickel plated and polished, wrought metal gong, bevel beading, push button, continuous alarm, w't per doz. 6½ lbs.....per dozen $7.80



No. 90 REVONOC—2¼ in., nickel plated and polished, bevel beading, with American flag enameled in colors, raised on pebble back ground, push button continuous alarm, w't per doz. 6½ lbs...per dozen $8.75

ONE IN A BOX.

NEW DEPARTURE BELLS.

No. E5—2½ in., rotary electric alarm, nickel plated, bevel and rope beading, lock clamp, w't per doz. 6¾ lbs., per dozen..... $7.80

No. 35C—2¼ in., nickel plated and polished, continuous ringing chime, attractive in design, w't per doz. 7 lbs., per dozen..... $10.50

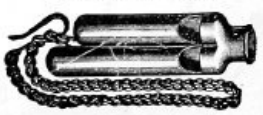
ONE IN A BOX

NEW DEPARTURE BELLS.

No. B6—BRONKO, rotary electric alarm, nickel plated, very loud, well finished, lock clamp, continuous ringing, w't per doz. 9 lbs.....per dozen $12.00

ONE IN A BOX.

WHISTLES.



No. 72—DUPLEX, nickel plated, two tubes, deep penetrating blast, with 10 in. chain, w't per doz. ⅞ lb., per dozen..... $2.75

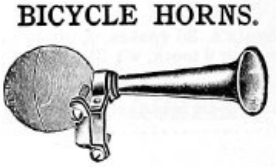
No. 16—ECHO, nickel plated bowl and mouthpiece, with ring to fasten on chain, w't per doz. ½ lb....per dozen $3.00

No. 12—UNIVERSAL, nickel plated, two tubes, giving a very deep tone, with 10 in. chain, length of tubes and mouthpiece 2½ in., w't per doz. ½ lb.per dozen $3.00

No. 11—UNIVERSAL, large size, length 3½ in., with 11 in. chain, otherwise same as No. 12, w't per doz. ⅝ lb., per dozen..... 3.50

ONE DOZEN IN A BOX.

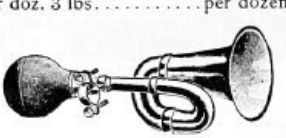
BICYCLE HORNS.



Pure Rubber Bulb, with Bracket to Fasten on Handle Bar.

No. 11G—All brass, 6 in. long, w't per doz. 2 lbs.....per dozen $5.00

No. 22G—Full nickel plated, 8 in. long, w't per doz. 3 lbs.....per dozen 9.00

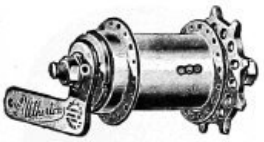


No. 2G—8½ in. long, pure rubber bulb, all brass, w't per doz. 3 lbs...per dozen $15.00

ONE DOZEN IN A BOX.

COASTER BRAKES, HUBS, CHAINS, ETC.

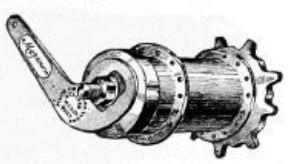
COASTER BRAKES.



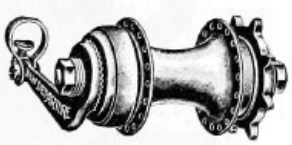
No. 16—NEW ATHERTON, 36 spokes, $\frac{3}{16}$ in. 9 tooth sprocket, w't 2½ lbs., each $6.00

No. 18—For juvenile wheels, $\frac{3}{16}$ in. 8 tooth sprocket, 28 holes, w't 2¼ lbs., each..... 6.00

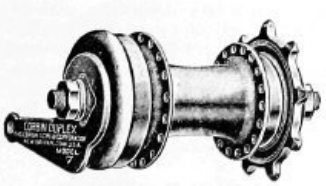
A perfectly free coaster, with smooth, positive braking qualities, no springs and no delicate parts to get out of order. Guaranteed to be free from faulty material and workmanship.



No. 6—MORROW, 36 spokes, $\frac{3}{16}$ in. sprocket, 8 or 9 tooth, w't 2½ lbs.....each $7.50

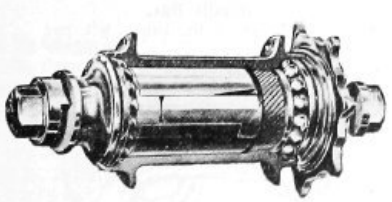


No. 12—NEW DEPARTURE, 36 spokes, $\frac{3}{16}$ in. sprocket, 8 or 9 tooth, w't 2½ lbs., each..... $7.50



No. 5—CORBIN'S, 36 spokes, $\frac{3}{16}$ or ¼ in., sprocket, 8 or 9 tooth, w't 2½ lbs., each $7.50

No. 4—CORBIN'S, for juvenile bicycles, 28 spokes, $\frac{3}{16}$ in. sprocket, 8 tooth, w't 2 lbs.....each 7.50



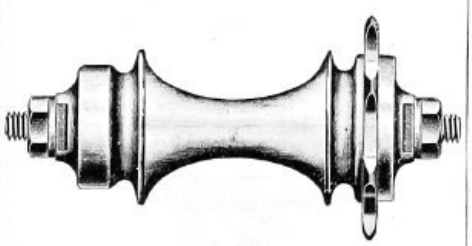
No. 1—ECLIPSE, 36 spokes, $\frac{3}{16}$ in. sprocket, 9 tooth, w't 1¾ lbs.....each $7.50

ONE IN A BOX.

HUBS.

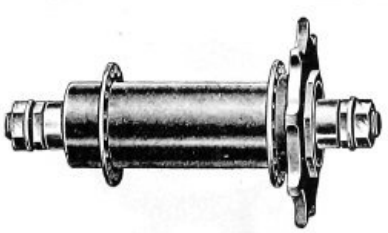
Front.

No. 16—Reduced center, turned from bar steel, all bearings made of tool steel, drilled, 32 holes, w't ¾ lb..... each $1.00



Rear.

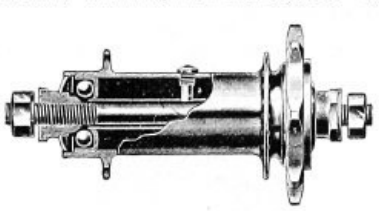
No. 26—Reduced center, turned from bar steel, all bearings made of tool steel, drilled, 36 holes, w't 1 lb. .....each $1.75



No. 2.

No. 1—Front, tubular drilled, 32 holes, each..... $1.00

No. 2—Rear, tubular drilled, 36 holes, each..... 1.50



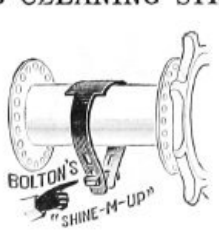
No. 4.

No. 3—Front, best quality, turned from bar, drilled, 32 holes.....each $1.50

No. 4—Rear, best quality, turned from bar, drilled, 36 holes.....each 2.00

ONE IN A BOX.

HUB CLEANING STRAPS.



No. 10—BOLTON'S, for hubs and coaster brakes, w't per doz. ½ lb...per dozen $0.70

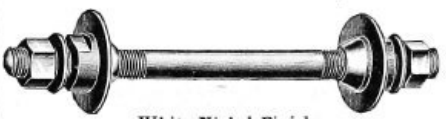
This strap will keep the hubs bright and clean.

BICYCLE AXLES.

No. 10—Front, $\frac{5}{16}$ in., 24, 26 and 28 threads, w't per doz. 12 oz....per dozen $0.80

No. 15—Rear, $\frac{3}{8}$ in., 24, 26 and 28 threads, w't per doz. 1¼ lbs.....per dozen .84

AXLE SETS.



White Nickel Finish.

No. 1—Front, $\frac{5}{16}$ in., fitted with quick action cones, nuts and washers, w't per doz. 2 lbs.....per dozen $2.50

No. 2—Rear, $\frac{3}{8}$ in., fitted with quick action cones, nuts and washers, w't per doz. 3½ lbs.....per dozen 2.50

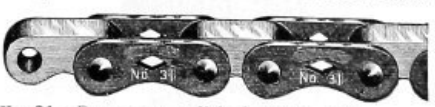
For repair work—easily adjusted.

BICYCLE CHAINS.

No. 5G—Straw blocks, blued sides, $\frac{3}{16}$ or ¼ in., w't 1¼ lbs.....each $0.95

No. 9—DIAMOND, plain straw tempered B blocks, hard rivets, plain blued B sides, $\frac{3}{16}$ in., w't 1¼ lbs.....each $1.05

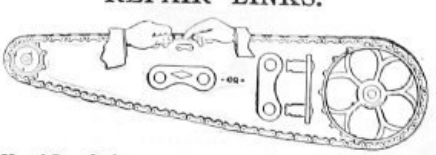
No. 29—DIAMOND, polished straw tempered B blocks, hard rivets, top polished, blued solid B sides, $\frac{3}{16}$ in., w't 1¼ lbs.....each $1.35



No. 31—DIAMOND, polished straw tempered B blocks, hard rivets, top polished, blued B sides, with diamond perforation, $\frac{3}{16}$ in., w't 1¼ lbs ....each $1.45

No. 45—DIAMOND, polished straw tempered nickel steel B blocks, hard rivets, full polished and embossed, bright B chamfered sides, with diamond perforations, w't 1¼ lbs.....each $2.50

REPAIR LINKS.



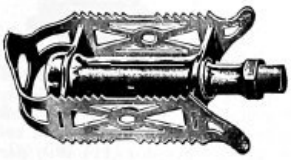
No. 1G—$\frac{3}{16}$ in.....per dozen boxes $1.20
No. 2G—¼ in..... " " 1.20

TWO LINKS IN A BOX.

BICYCLE PEDALS, TOE CLIPS, ETC.

BICYCLE PEDALS.

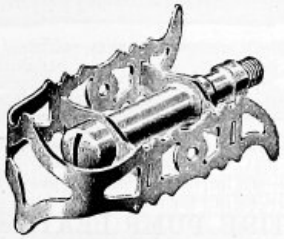
No. 0—STANDARD, men's rat trap, extra quality, full polished, w't per pair 14 oz.....per pair $1.00
No. 0C—STANDARD, women's, combination, with pedal rubber, otherwise same as No. 0, w't per pair 16 oz....per pair 1.15



No. 5—GENESEE, men's, rat trap, nickel plated and polished, w't per pair 14 oz., per pair..... $1.00
No. 6—GENESEE, men's, combination, with pedal rubbers, otherwise same as No. 5, w't per pair 16 oz.....per pair 1.25

No. 1—STANDARD, men's,rat trap, heavily nickel plated and polished, w't per pair 14 oz.....per pair $1.25
No. 1C—STANDARD, women's, combination, with pedal rubbers, otherwise same as No. 1, w't per pair 16 oz.....per pair 1.50

No. 2J —STANDARD, juvenile, boys' rat trap, nickel plated and polished, w't per pair 10 oz.....per pair $1.50
No. 2JC—STANDARD, juvenile, girls' combination, with pedal rubbers, otherwise same as No. 2J, w't per pair 12 oz., per pair..... 1.75



Bridgeport, Heavily Nickel Plated and Polished, Very Strong.

No. 2B —Men's, rat trap, w't per pair 14 oz.....per pair $1.50
No. 2BC —Men's, combination, with pedal rubbers, w't per pair 16 oz.....per pair 1.75
No. 2½B—Women's, combination, with pedal rubbers, w't per pair 16 oz., per pair..... 1.75

ONE PAIR IN A BOX.

BICYCLE PEDALS.

No. 4R—STAR, racing, men's, extra quality, heavily nickel plated and polished, w't per pair 12 oz.....per pair $2.00

Star, Extra Quality, Nickel Plated, Full Polished, Finest Finish, Special.

No. 3S —Men's, rat trap, w't per pair 14 oz.....per pair $2.00
No. 3SC —Men's, combination, with pedal rubbers, w't per pair 16 oz.....per pair 2.25
No. 3½S—Women's, combination, with pedal rubbers, w't per pair 16 oz., per pair..... 2.25

ONE PAIR IN A BOX.

TOE CLIPS.

No. 1—Spring steel, nickel plated, w't per doz. pairs 1½ lbs.....per dozen pairs $1.50

No. 7—STANDARD STAR, nickel plated steel, highly polished, w't per doz. pairs 2¼ lbs.....per dozen pairs $2.40

No. 3—THIEM'S, crucible steel wire, well braced, nickel plated, w't per doz. pairs 2¼ lbs.....per dozen pairs $2.50

ONE DOZEN PAIRS IN A BOX.

TOE CLIPS.

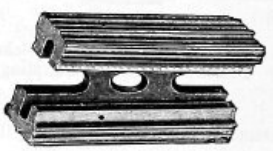
No. 6—THIEM'S, sheet steel, with wire side guards, nickel plated, w't per doz. pairs 3¼ lbs.....per dozen pairs $2.75

No. 2—THIEM'S, crucible steel wire, well braced, sheet metal foot rest, nickel plated, w't per doz. pairs 3⅞ lbs., per dozen pairs..... $2.75

No. 8—SAGER, nickel plated tempered spring steel, highly polished, w't per doz. pairs 4 lbs.....per dozen pairs $4.80

ONE DOZEN PAIRS IN A BOX.

PEDAL RUBBERS.



No. 14—Automatic, steel lined, can be attached or detached at will, no screws to work loose, will fit almost any pedal, w't per doz. sets 1⅝ lbs. per dozen sets $3 00

TIRE PUMPS AND SUNDRIES.

TIRE PUMPS.

No. 1G.

No. 00G. No. 03G. No. 12G.

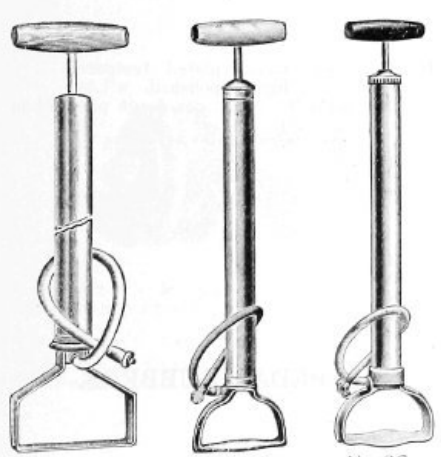
Seamless Steel Cylinder, Nickel Plated and Polished, Rubber Hose.

No. 1G—Small hand, $\frac{7}{8}\times5$ in., swivel coupling, w't per doz. $1\frac{3}{8}$ lbs. per dozen $1.80

No. 00G—$1\frac{1}{4}\times12$ in., steel stirrup, swivel coupling, w't per doz. $11\frac{1}{4}$ lbs., per dozen 5.00

No. 03G—$1\frac{1}{4}\times12$ in., cast stirrup, swivel coupling, w't per doz. $14\frac{1}{4}$ lbs., per dozen 6.00

No. 12G—$1\frac{1}{4}\times12$ in., cast stirrup, fitted with never leak nipple, w't per doz. 14 lbs. ..... per dozen 6.00



No. 0G. No. 3G. No. 2G.

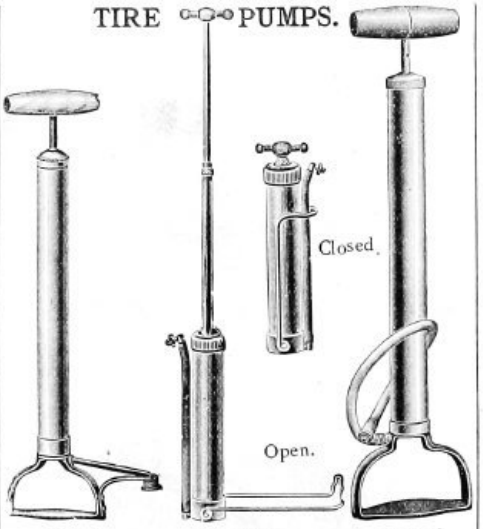
Seamless Brass Cylinder, Heavily Nickel Plated, Highly Finished, Swivel Coupling, Best Rubber Hose.

No. 0G—$1\frac{1}{4}\times12$ in., solid top, screws to base, steel stirrup, w't per doz. $10\frac{1}{2}$ lbs., per dozen $6.00

No. 3G—$1\frac{1}{4}\times12$ in., cast stirrup, screw-off top, screws to base, w't per doz. 15 lbs. ..... per dozen 6.50

No. 2G—$1\frac{1}{4}\times12$ in., steel stirrup, screw-off top, right angle swivel coupling, w't per doz. 12 lbs. ..... per dozen 7.50

TIRE PUMPS.



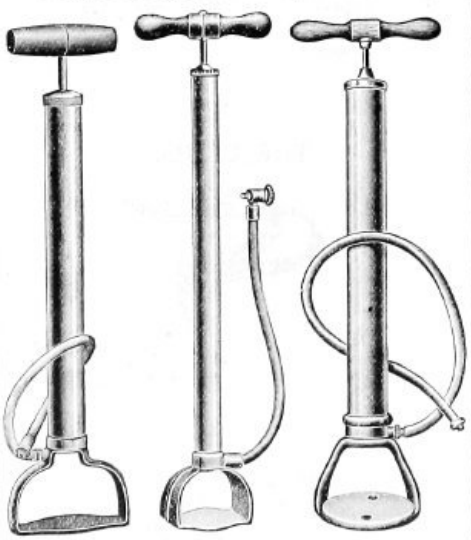
No. 9G. No. 14G. No. 01G.

Seamless Brass Cylinder, Nickel Plated and Highly Finished.

No. 9G—Banner, $1\frac{1}{4}\times12$ in., self-adjusting valve coupling, brass connecting tube with cushion spring, improved stirrup and spring washer to plunger, w't per doz. 15 lbs. per dozen $9.00

No. 14G—Giant, foot, $1\times6\frac{1}{2}$ in., fits any tool bag or pocket, w't per doz. 10 lbs. ..... per dozen 9.50

No. 01G—$1\frac{1}{4}\times20$ in., cast stirrup, swivel coupling, good quality rubber hose, w't per doz. 24 lbs. ..... per dozen 10.00



No. 11G. No. 19G. No. 7G.

Heavy Seamless Cylinder, Heavily Nickel Plated and Polished, Best Rubber Hose, Swivel Coupling, Cast Stirrup.

No. 11G—$1\frac{1}{4}\times18$ in., brass screw-off top, w't per doz. $17\frac{1}{4}$ lbs. ... per dozen $11.00

No. 19G—Red Devil, $1\frac{1}{4}\times20$ in., brass, screw-off top, special swivel coupling, w't per doz. 27 lbs. ..... per dozen 22.00

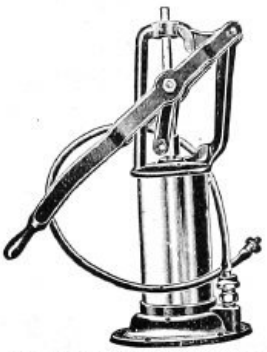
No. 7G—$1\frac{1}{2}\times20$ in., steel, cast brass screw-off top, heavy cast base, w't per doz. 44 lbs. ..... per dozen 24.00

TIRE PUMP TUBING.

Rubber, Cloth Inserted.

Inch	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$
Per foot	$0.10	.10	.16	.24

TIRE PUMPS.

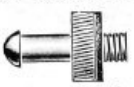


No. 15G—Cyclone Lever, 3×6 in., plated brass cylinder, cast iron japanned frame and base, very best rubber hose, swivel coupling, very powerful and especially adapted for bicycle and repair shops, w't per doz. 114 lbs., per dozen $72.00

No. 35G—Hand Telescope, length $10\frac{1}{4}$ in., nickel plated brass, attaches to frame with clip, w't per doz. $4\frac{1}{2}$ lbs., per dozen $7.80

No. 23G—Extra hose for the above, per dozen 1.20

PUMP COUPLINGS.



No. K1G—For hose, to attach to pump, per dozen $0.50

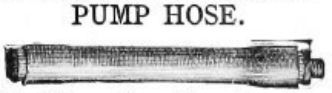
SWIVEL CONNECTIONS.

No. K3. No. 30.

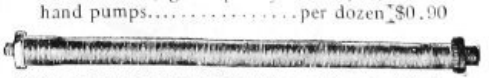
No. K3—Patent swivel, fitting M. & W., Schrader and similar valves ..per dozen $0.75

No. 30—Won't Leak, large right angle, fits all valves, very efficient ..per dozen 2.50

PUMP HOSE.



No. 24G—3 in., good quality rubber, for hand pumps ..... per dozen $0.90

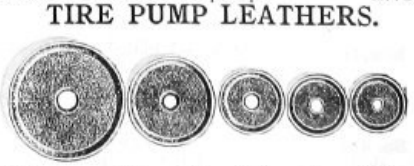


With Swivel and Threaded Connections in Ends, Good Quality Rubber.

No. 12G—12 in., for foot pumps, per dozen $2.25

No. 18G—18 in., for foot pumps " 2.75

TIRE PUMP LEATHERS.



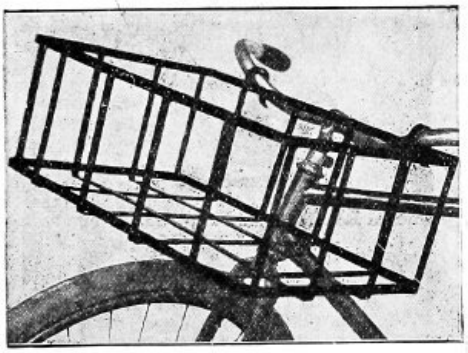
Sizes	$1\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{8}$	1	$\frac{7}{8}$ in.
Per dozen ..	$0.40	.36	.30	.24	.20
Per 100	1.80	1.50	1.40	1.20	1.00

THE SIZE GIVEN ON TIRE PUMPS IS THE LENGTH AND DIAMETER OF THE CYLINDER.

LUGGAGE CARRIERS, CHILDREN'S SEATS, STANDS, ETC.

LUGGAGE CARRIERS.

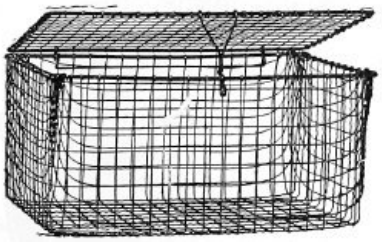
No. 1—Dow's, made of wire, with stationary hook, size 9×5½×5 in., w't per doz. 7 lbs.....per dozen $4.80
No. 2—Dow's, made of wire, with adjustable hook, size 12×7×6 in., w't per doz. 12 lbs.....per dozen 7.20
No. 3—Dow's, made of wire, with adjustable hook, size 15×8×7 in., w't per doz. 16 lbs.....per dozen 9.60



No. 200—11×12×6 in., made of heavy high grade steel, adjustable, w't per doz. 24 lbs.....per dozen 9.00
No. 300—11×19×5½ in., otherwise same as No. 200, w't per doz. 38 lbs., per dozen..... 12.00

These carriers are adjustable so that they will fit any handle bar.
The No. 300 is adapted for grocers and butchers, and will hold any ordinary market basket.

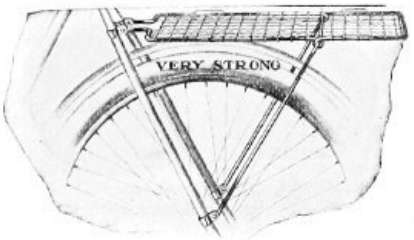
WIRE BASKETS.



No. 80—MAJESTIC, 8×6×13 in., made of tinned steel wire, black enameled, with lid and clasp, w't per doz. 15 lbs., per dozen $12.00

These are strongly made and are adapted to use in connection with wire basket carriers on back of bicycles.

WIRE BASKET CARRIERS.



No. 81—MAJESTIC, 12×6 in., black enameled, heavy steel frame and two braces which are fastened to rear fork of bicycle, very strong, with straps, w't per doz. 11 lbs. .....per dozen $12.00
These carriers can be used to a great advantage. Any article can be tied or fastened on and carried in an easy manner.

CHILDREN'S SEATS.

Fits ladies' or gentlemen's wheel; secured in place by one buckle; perfectly safe for babies or child seven years old.
Fairy—Nickel plated and polished steel rods, rubber covered at contact points, a veneered wood seat and handle, w't 2 lbs. each $1.50

Brownie—Steel rod, nickel plated and polished, rubber covered at contact points, can be quickly attached securely to the bicycle without the aid of clamps, bolts or straps, veneered board seat, leather saddle, w't 5 lbs.....each $3.00
Adapted to carry babies, or children eight years old. Fits all modern bicycles except drop frames.

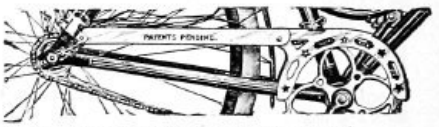
EXHIBITION STANDS.

This stand is designed to assist the salesman in showing up his wheel. It is attached to nuts on outside of rear wheel. When the wheel is exhibited to a customer it can be placed to the best advantage, and leaves the salesman free to show up all working parts without being hampered by having to hold the wheel. It enables the customer to mount the wheel and try it.
No. 697—MYERS, frame is of aluminum finished spring steel 15 in. high, spread 16½ in., adjustable, well braced, strong, practicable and durable, w't 4½ lbs., each..... $1.50

EXHIBITION STANDS.

No. 784—MYERS, made entirely of spring steel, finished in aluminum, will hold 8 bicycles, has a swinging sign, finished ready for your own name or lettering, and is very attractive for use in front of a store, height 41 in., width 22½ in., w't 22 lbs.....each $5.00

CHAIN GUARDS.



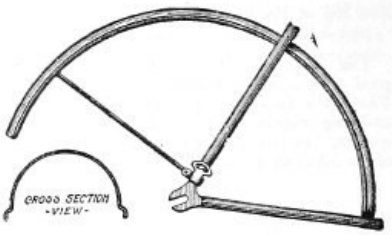
No. 15—PERFECTION, heavy sheet steel, nickel plated and polished, adjustable for different lengths of frame, front and rear clamps, for 20 or 22 and 24 or 36 tooth sprockets, w't 1 lb.....each $0.80
When ordering, state size of sprocket to avoid delay.

ONE IN A PACKAGE.

GUARD LACING.

Braided Cotton, 18 Yards in a Carton.
No. 201—Black.....per dozen $1.75
No. 202—Maroon..... " 1.75
No. 216—Black and green, mixed, per dozen..... 1.75
No. 215—Black and red, mixed, per dozen 1.75
ONE DOZEN CARTONS IN A BOX; W'T 1 LB.

MUD GUARDS.



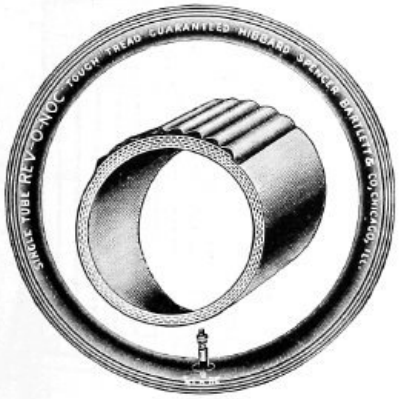
No. 50—Heavy sheet steel, plain, no eyelets, front guard; 21 in. long, without braces, w't ¾ lb.....each $0.30
No. 55—Rear guard, 42 in. long, without braces, otherwise same as No. 50, w't 1 lb.....each .40

MUD GUARD BRACES.

No. 6—15½ in. long, made of heavy steel wire, polished, the eyes are formed by flattening the ends of the wire, w't per doz. 2¼ lbs.....per dozen $1.80

SINGLE TUBE BICYCLE TIRES.

REVONOC



Tough Protected Tread, Extra Quality, GRAY, Guaranteed.

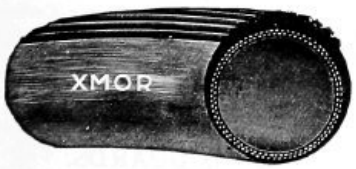
24×1⅜ in., w't per pair 4¼ lbs. . per pair $4.50
26×1½ in., w't per pair 4½ lbs. . " 4.75
28×1½, 1⅝ in., w't per pair 4¾ lbs., per pair. 5.00

Tough Protected Tread, Extra Quality, RED, Guaranteed.

24×1⅜ in., w't per pair 5 lbs. . . per pair $5.00
26×1½ in., w't per pair, 5 lbs. . . " 5.75
28×1½, 1⅝ in., w't per pair 5¼ lbs., per pair. 6.00

REVONOC *tough tread guaranteed single tube tire is not a cheaply constructed tire. We have put our brand on this tire with the full knowledge of the material that is used in its construction, and are offering to the trade as a high grade guaranteed tire at a moderate price, and as its name indicates, it is a tough tread tire. Extra high grade fabric selected on account of its strength and wearing ability.*

XMOR.



28×1½ or 1⅝ in., guaranteed, w't per pair 5 lbs. . . . . per pair $5.50

The Xmor has in it all the requisites of a good tire, namely, quality, speed and resiliency. The fabric is selected for strength and durability and the rubber prepared to produce the same results. Is put on our list with a full knowledge of its intrinsic value.

RARITAN.

28×1½, 1⅝ in., guaranteed, w't per pair 4 lbs. . . . . per pair $5.50

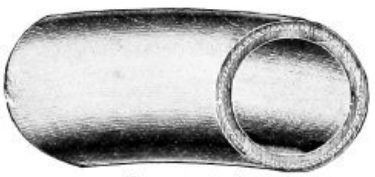
WABASH.

Guaranteed.

20×1¼ in., w't per pair 4 lbs. . . per pair $3.50
24×1⅜ in., w't per pair 4½ lbs. " 4.00
26×1½ in., w't per pair 5 lbs. . . " 4.50
28×1½, 1⅝ in., w't per pair 5½ lbs., per pair. 5.00

A high class guaranteed tire, made of the best selected material, strong, easy riding and durable.

ROYAL.

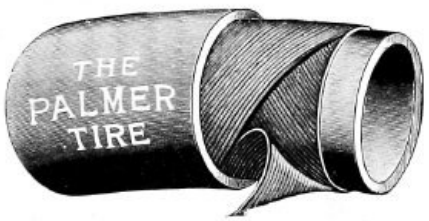


Unguaranteed.

24×1⅜ in., w't per pair 4¼ lbs. per pair $3.00
26×1½ in., w't per pair 4½ lbs. " 3.50
28×1½, 1⅝ in., w't per pair 4½ lbs., per pair. 4.00

A most satisfactory unguaranteed tire, cheap, yet strong and serviceable, and bound to be a leader.

PALMER ROAD AND RACING.



Guaranteed.

28×1⅜, 1½, 1⅝ in., w't per pair 4 lbs., per pair. $10.00

A Palmer repair kit and pump are furnished with each pair of Palmer tires. In ordering, specify road or racing, as wanted.

HARTFORD.

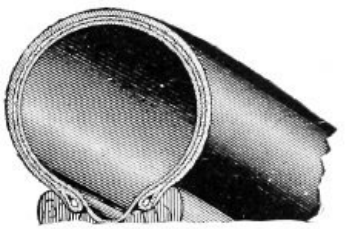
Guaranteed.

	No. 80	No. 77.	No. 77H
28×1½, 1⅝ in., per pair.	$12.00	11.00	12.00
	No. 70	THICK TREAD	**No. 50**
28×1½, 1⅝ in., per pair.	$9.00	9.00	8.00

AVERAGE WEIGHT 4½ LBS. PER PAIR.

No. 80 is intended for road use. No. 77 is the same as No. 80, except being heavier in fabric and rubber. No. 70 is the same weight as No. 77, but is cheaper in materials used. No. 50 is a little lighter than No. 70. Thick tread same as No. 70, except heavier tread. No. 77H same as No. 77, except heavier tread.

DUNLOP.

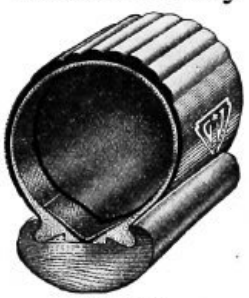


Guaranteed,

	CASES EACH.	TUBES EACH.	TIRES PER PAIR
Standard Road.			
28×1½, 1⅝ in.	$2.80	1.20	8.00
Heavy Tread.			
28×1½, 1⅝ in.	$3.05	1.20	8.50

AVERAGE WEIGHT PER PAIR, 4 AND 4½ LBS.

GENUINE G. & J.



Guaranteed,

	CASES, EACH.	TUBES, EACH.	TIRES. PER PAIR
Standard Road.			
28×1½, 1⅝ in.	$2.80	1.20	8.00
Heavy Tread.			
28×1½, 1⅝ in.	$3.05	1.20	8.50

G. & J. PATTERN.

Indiana, Guaranteed.

	CASES, EACH.	TUBES, EACH.	TIRES. PER PAIR
Gray.			
28×1½, 1⅝ in.	$2.80	1.20	8.00
Red.			
28×1½, 1⅝ in.	$3.05	1.20	8.50

AVERAGE WEIGHT PER PAIR 4¼ LBS.

MILWAUKEE PUNCTURE PROOF.

This tire has three heavy insertions of canvas on the thread making it almost impervious to puncture.

28×1½, 1⅝ in. . . . . . per pair $12.00

AVERAGE WEIGHT PER PAIR 6 LBS.

M. & W.

Juvenile —24×1½ in. . . . . per pair $6.00
Standard —26, 28×1½, 1⅝, 1¾ in., per pair. 7.00
Cataplaro—26, 28×1½, 1⅝, 1¾ in., per pair. 7.50

AVERAGE WEIGHT PER PAIR 5 LBS.

BICYCLE TIRES, LACING, PATCHES, ETC.

M. & W. DOUBLE TUBE TIRES.

Guaranteed.

14 to 24 ×1⅛ in.	per pair	$5.00
26, 28, 30×1⅜, 1½ or 1⅝ in.	"	6.00
26, 28, 30×1¾ in.	"	7.00
Cataplaro—26, 28×1½ or 1⅝ in.	"	6.50
Cataplaro—26, 28×1¾ in.	"	7.25
Cataplaro—30×1¾ in.	"	7.50

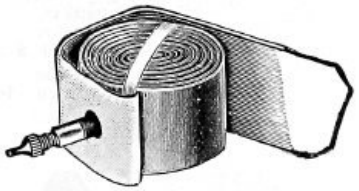
AVERAGE WEIGHT PER PAIR 5 LBS.

Outer Casings Only, Guaranteed.

14 to 24×1½ in.	each	$1.75
26, 28×1⅜, 1½ or 1⅝ in.	"	2.00
30×1⅜, 1½ or 1⅝ in.	"	2.25
26, 28×1¾ in.	"	2.50
30×1¾ in.	"	2.65
Cataplaro—26, 28×1½ or 1⅝ in.	"	2.25
Cataplaro—26, 28×1¾ in.	"	2.75
Cataplaro—30×1½ or 1⅝ in.	"	2.50
Cataplaro—30×1¾ in.	"	3.00

AVERAGE WEIGHT 2 LBS. EACH.

INNER TUBES.



No. 1 REVONOC, Good Quality, Butt End, Guaranteed.
28×1½ or 1⅝ in., w't per doz. 9 lbs., per dozen $15.00

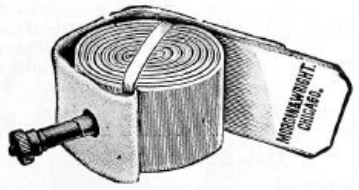
No. 5 REVONOC, Best Quality for G. & J. Tires.
28×1½ or 1⅝ in., w't per doz. 6 lbs., per dozen $18.00

No. 10 REVONOC, Best Quality for Dunlop Tires.
28×1½ or 1⅝ in., w't per doz. 6¼ lbs., per dozen $18.00

X mor, No. 2 Quality, Butt End.
28×1½ or 1⅝ in., w't per doz. 9 lbs., per dozen $12.00

ONE IN A BOX.

M. & W. INNER TUBES.



No. 1 Quality, Guaranteed.

14 to 24×1½ in.	per dozen	$12.00
26, 28×1⅜, 1½ or 1⅝ in.	"	12.00
26, 28, 30×1¾ in.	"	15.00
30×1⅜, 1½ or 1⅝ in.	"	15.00

No. 2 Quality, Guaranteed.

20 to 24×1½ in.	per dozen	$10.20
26, 28×1⅜, 1½ or 1⅝ in.	"	10.20
26, 28, 30×1¾ in.	"	13.20
30×1⅜, 1½ or 1⅝ in.	"	12.00

AVERAGE WEIGHT, 8½ LBS. PER DOZEN. ONE IN A BOX.

NATIONAL ASSOCIATION TIRE GUARANTEE.

All guaranteed tires are so mentioned in our catalogue. The makers of guaranteed tires agree to repair or replace without charge tires which in their judgment are defective in material or workmanship.

All guarantees, unless otherwise mentioned, expire on Dec. 31st of the year in which the tires are sold.

All tires for replacement must be sent to the maker whose name appears on the tire.

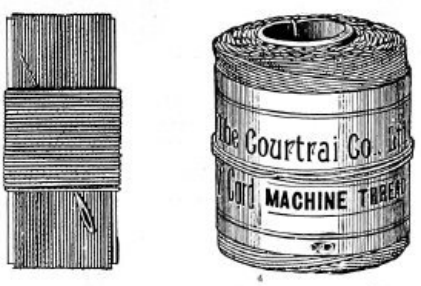
Express charges on tires must be prepaid in every instance, or packages will not be accepted from the transportation company. If return by registered mail is desired, postage at the rate of 1 cent per ounce must accompany the request for repairs, and 8 cents additional for registry.

Rim cut, punctured, or tires abused, misused or worn out in service will not be replaced.

Always write a separate letter and send by mail your instructions, as all packages are held awaiting this advice.

See that every package sent has your full address (name, town, street number or county and state) securely fastened to it.

TIRE LACING.



No. 1. Nos. 3 and 2.

For Lacing the Outer Casing of Double Tube Tires.

No. 1—7 yds., on card, with needle, w't per doz. ⅜ lb.	per dozen	$0.80
No. 3—1 lb. balls.	per pound	1.40
No. 2—¼ lb. balls.	"	1.50

LACING NEEDLES.

No. 4G—3½ in., polished steel, per dozen $0.10

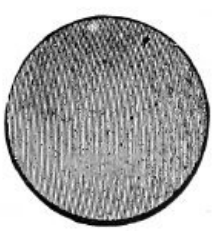
ONE DOZEN IN A PACKAGE.

SOAPSTONE.

For Preventing Inner Tube from Sticking to Case.

No. 13G—1 lb. boxes ..... per pound $0.20

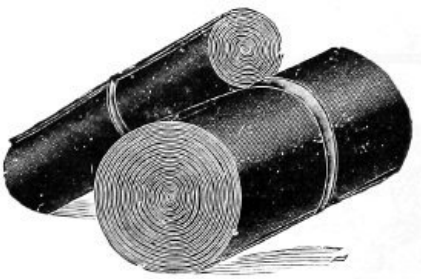
TIRE PATCHES.



No. 5—ROUND, for patching inner tubes, will hold better than patches with square corners, size 1¼ in.

Per 100 ..... $0.50
Per 1000 ..... 4.00

PATCHING RUBBER.



No. 4—M. & W., 4 oz. rolls, pure rubber, size about 3¾×120 in. ..... per ounce $0.40

TIRE TAPE.

No. 10 REVONOC—Black, 1 oz. rolls, per pound	$0.60
No. 15 REVONOC—Black, ½ lb. rolls, per pound	.75
No. 1—M. & W., black, 1 oz. rolls, per pound.	.60
No. 2—M. & W., black, ½ oz. rolls, per pound.	.70
No. 3—M. & W., black, ½ lb. rolls, per pound	60

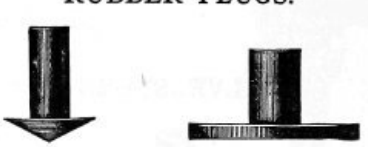
INJECTORS.

No. 74—GOODRICH JIFFY, w't per doz. 1½ lbs. ..... per dozen $4.00

Loaded with repair solution. It heals punctures in single tube tires. The solution hardens and becomes an inseparable part of the tire.

ONE IN A BOX.

RUBBER PLUGS.



Pointed. Flat Head.

Pointed, Pure Stiff Rubber.

No. 101—Small, ⅛ in. stem	per hundred	$0.70
No. 102—Medium, ¼ in. stem	"	1.00
No. 103—Large, ⅜ in. stem.	"	1.50

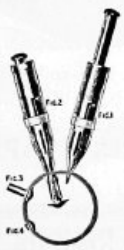
Flat Head, Pure Stiff Rubber.

No. 119—½×3/16 in.	per hundred	$0.65
No. 120—¾×¼ in.	"	1.20
No. 123—1 ×¼ in.	"	1.75
No. 124—1¼×¼ in.	"	2.25
No. 126—1½×⅜ in.	"	4.00
No. 130—2 ×⅜ in.	"	6.50

REPAIR TOOLS, TIRE VALVES, WHEELS, ETC.

PUNCTURE REPAIR TOOLS.

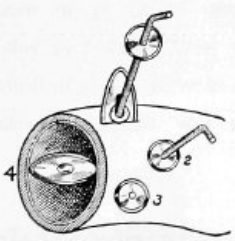
No. 70—For repairing punctures with rubber bands.....per dozen $1.20
No. G—Rubber bands, for repair work, ¼ lb. in a box.....per box 1.25



No. 100—GRISWOLD'S, for repairing single tube tires, w't per doz. 1¼ lbs. per dozen $6.00

Tools only, without plugs or cement, simple, quick and efficient.

ONE DOZEN IN A BOX.



Sampson Puncture Closers.

No. 91—Small.....per dozen $1.25
No. 92—Medium..... " 1.25
No. 93—Large..... " 1.25
No. 90—Complete kit, containing one each, small and large closer, and saw-file, put up in tin box.....per dozen 3.00

A metal device for repairing single tube tires; used with cement, it makes a thorough and permanent repair.

NO. 90, ONE DOZEN IN A BOX.

VALVE STEMS.

No. 10—For M. & W., Schrader, and similar valves, pure rubber.....per dozen $0.75

TIRE VALVES.

No. 13.

M. & W. Improved.

No. 12—Valves, without stem..per dozen $1.20
No. 4—Plunger cores, complete " .60
No. 3—Valve caps..... " .60
No. 8—Springs..... " .60
No. 13—Valves and stems, complete, per dozen..... 1.80

No. 56.

Schrader.

No. 99-1—Caps.....per dozen $0.60
No. 99-2—Cap Washers..... " .24
No. 99-4—Inside complete..... " .60
No. 56—Valves and stems, complete, per dozen..... 1.80

No. 8. No. 9.

No. 8—SCHRADER, for single tube tires, per dozen..... $3.00
No. 9—SAMPSON, for single tube tires, per dozen..... 3.00

No. 15—GOODRICH, valves and stems complete.....per dozen $2.00

BUILT UP WHEELS.

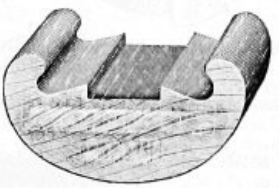
Plain Hubs, Natural Finish.

No. 120—Cement rim, tubular hub, front, w't 2¼ lbs.....each $2.50
No. 121—Cement rim, tubular hub, rear, w't 3 lbs.....each 3.00
No. 122—Cement rim, turned hub, front, w't 2¼ lbs.....each 2.75
No. 123—Cement rim, turned hub, rear, w't 3 lbs.....each 3.75
No. 124—G. & J. rim, tubular hub, front, w't 2½ lbs.....each 2.75
No. 125—G. & J. rim, tubular hub, rear, w't 3¼ lbs.....each 3.25
No. 126—G. & J. rim, turned hub, front, w't 3½ lbs.....each 3.00
No. 127—G. & J. rim, turned hub, rear, w't 3¼ lbs.....each 4.00

Coaster Brake Hub.

No. 128—Natural finish, cement rim, rear, fitted with Eclipse, New Departure, Morrow, Corbin or Atherton brake, w't about 5 lbs.....each $ 9.00
No. 129—With G. & J. rim, otherwise same as No. 128, w't 5¼ lbs.....each 10.00

WOOD RIMS.



No. 29—28×1½ or 1⅝ in., G. & J., one piece, natural finish, drilled, 32 or 36 holes, w't per pair 3 lbs.....per pair $1.60

No. 11—28×1⅜, 1½ or 1⅝ in.; Standard, one piece, natural finish, drilled, 28, 32 or 36 holes, w't per pair 2¼ lbs., per pair..... $1.50

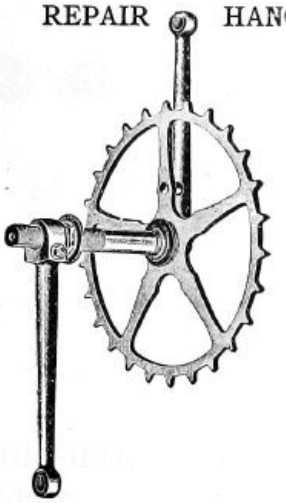
MEASUREMENTS OF RIMS FOR BICYCLE TIRES.

Measurement of Tire.....	14	16	18 in.
Diam. of rim..	11	13	15 in.
Cirm. of rim.....	$34\frac{56}{100}$	$40\frac{84}{100}$	$47\frac{12}{100}$
Measurement of Tire.....	**20**	**22**	**24 in.**
Diam. of rim..	17	19	20½ in.
Cirm. of rim.....	$53\frac{41}{100}$	$59\frac{69}{100}$	$64\frac{40}{100}$
Measurement of Tire.....	**26**	**28**	**30 in.**
Diam. of rim..	22½	24½	26½ in.
Cirm. of rim.....	$70\frac{65}{100}$	$76\frac{97}{100}$	$82\frac{25}{100}$

Measurements apply to bicycle rims only.

REPAIR HANGERS, PADLOCKS, CYCLOMETERS, ETC.

REPAIR HANGERS.



No. 2—STEVENS, drop forged from carbon steel, shaft and one crank are one piece, the other has thread to screw on end of shaft, will fit every size bracket, tool steel cones, 24, 26×$\frac{3}{16}$ in. sprocket adapted to $\frac{3}{16}$ in. chain, heavily nickel plated and highly polished throughout, w't 2½ lbs.....each $4.80

The Stevens repair hanger is the only crank hanger that will absolutely fit every size bracket. The material is of highest quality, and the workmanship and finish perfect. Will replace any hanger made.

REPAIR FORKS.

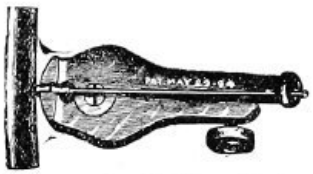
No. 5—Plain, *not* nickel plated, three piece crown, fits 20, 22 or 24 in. frames, stems 1×24 in., 8 in. long, threaded down 5 in., w't 2¼ lbs.....each $1.80

NIPPLE WRENCHES.

No. 01G—CLIFFORD'S, nickel plated, fits any size nipple, w't per doz. ¾ lb., per dozen..... $1.75

NIPPLE WRENCHES.

No. 2G—VICTOR, nickel plated, diameter 1⅞ in., fits any size nipple, w't per doz. ¾ lb. per dozen....$2.00



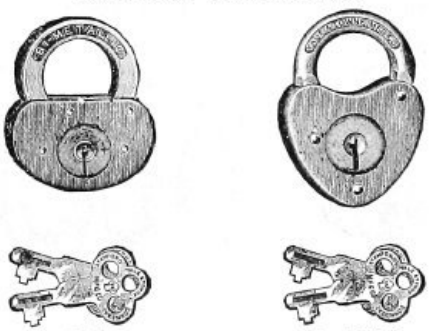
No. 0G—PERFECT, polished, small size, length 3 in., w't per doz. 1½ lbs., per dozen..... $7.50

No. 1G—PERFECT, polished, medium size, length 3¾ in., w't per doz. 2½ lbs., per dozen..... 8.00

REPAIRER'S TAGS.

No. 15—6⅜×3¾ in., printed in 2 colors, numbered in duplicate and perforated so that bottom can be torn off from owner's check, w't 4lbs., per box of 1,000..... $2.40

BICYCLE PADLOCKS.



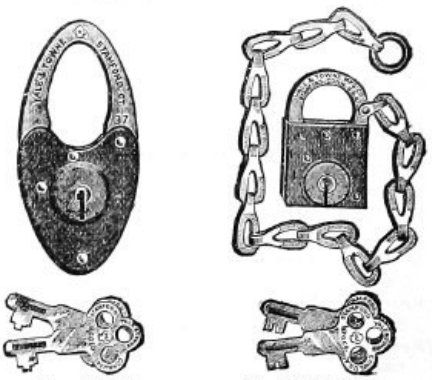
No. 684JG. No. 674JG.

No. 684JG—YALE BI-METALLIC, 1¾ in., ivory black finish, brass plated spring shackle, 2 lever tumblers, 2 steel keys, 6 changes, w't per doz. 1 lb...per dozen $3.00

No. 674JG—YALE, 1¾ in., ivory black steel case, self-locking, brass plated steel spring shackle, 2 lever tumblers, 2 steel keys, 6 changes, w't per doz. 1⅝ lbs.....per dozen 3.00

HALF DOZEN IN A BOX.

BICYCLE PADLOCKS.



No. 672JG. No. 671½JG.

No. 672JG—YALE, 1⅜ in., black enameled steel case, self-locking, brass plated steel shackle, 2 steel keys, 2 lever tumblers, 6 changes, w't per doz. 1½ lbs.....per dozen $3.20

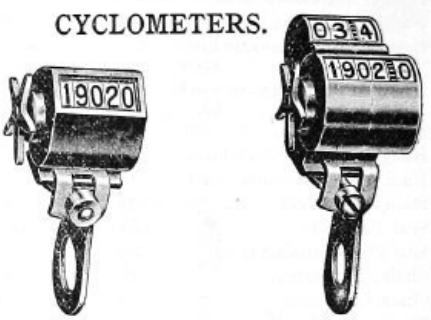
No. 671½JG—YALE, 1 in. ivory black steel case, 3 lever tumblers, 9 in. nickel plated brass safety chain, 12 changes, w't per doz. 1⅛ lbs.....per dozen 5.60

No. 684½JG—YALE BI-METALLIC, 1¾ in. ivory black finish, brass plated spring shackle, 2 lever tumblers, 2 steel keys, 6 changes, with 15 in. nickel plated steel safety chain, w't per doz. 2½ lbs., per dozen..... $6.40

No. 684½NG—1¾ in. nickel plated and polished steel case, otherwise same as No. 684½JG, w't per doz. 2½ lbs., per dozen..... 6.40

HALF DOZEN IN A BOX.

CYCLOMETERS.



No. 6. No. 16.

No. 6—VEEDER, 28 in., registers 10,000 miles, nickel plated, length 2 in., per dozen..... $14.00

No. 16—VEEDER, trip, 28 in., 10,000 miles, with independent trip cyclometer, which registers 100 miles and can be quickly set back to zero, length 2¾ in.....per dozen 30.00

ONE IN A BOX.

BICYCLE PARTS.

PRICE LIST OF PARTS.

	HIBBARD	REVONOC	CRUSO
Front Wheel Hub, complete, each	$1.20	.90	.90
Front Wheel Hub Shell only, each	.75	.45	.45
Front Wheel Hub Balls, 3/16 in., per dozen	.09	.09	.09
Real Wheel Hub, complete with sprocket, each	2.40	1.35	1.35
Rear Wheel Hub Shell only, each	1.50	.90	.90
Rear Wheel Hub Balls, 1/4 in. per dozen	.09	.09	.09
Rear Wheel Hub Sprocket, each	.45	.45	.45
Real Wheel Hub Sprocket Lock Nut, each	.15	.15	.15
Rear Wheel Hub Step, each	.15	.15	.15
Front or Rear Hub Ball Cup, each		.18	.18
Front or Rear Hub Axle, each	.24	.18	.18
Front or Rear Hub Axle Nut, each	.09	.09	.09
Front or Rear Hub Axle Nut Washer, each	.03	.03	.03
Front or Rear Hub Cone, each	.36	.30	.30
Front or Rear Hub Spokes, and Nipples, per 1000	19.50	19.50	19.50
Front or Rear Hub Spoke Nipple Washer, per 1000	.90	.90	.90
Front or Rear Hub Oil Cup, each	.09	.09	.09
Front or Rear Hub Dust Cap, each	.06		
Front or Rear Hub Ball Retainer, each	.06	.06	.06
Front or Rear Rim—Wood for Cemented Tire, each	1.35	1.35	1.20
Front or Rear Rim—Wood for G. & J. Tire, each	1.53	1.53	1.38
Head Adjusting Cone, "	.30	.30	.30
Head Adjusting Cone Lock Nut, each	.18	.18	.18
Head Adjusting Cone Lock Nut Washer, each	.03	.03	.03
Fork Stationary Cone, "	.24	.24	.24
Fork Ball Cup, Upper or Lower, each	.18	.18	.18
Crank, one-piece, "	2.25	1.95	1.95
Hanger Stationary Cone "	.60	.60	.60
Hanger Adjusting Cone "	.60	.60	.60
Hanger Adjusting Cone Lock Nut, each	.18	.18	.18
Hanger Adjusting Cone Lock Nut Washer, each	.03	.03	.03
Hanger Ball Cup, "	.45	.45	.45
Hanger Balls, 5/16 in. per dozen	.12	.12	.12
Hanger Ball Retainers each	.09	.09	.09
Hanger Sprocket, "	1.80	1.50	1.50
Seat Post only, "	.75	.75	.75
Seat Post Finishing Ring "	.09	.09	.09
Chain, complete, "	1.80	1.50	1.50
Chain Link, "	.09	.09	.09
Chain Adjusting Screw, "	.09	.09	.09
Chain Guard Steel, complete, each	1.50	1.50	1.50
Rear Guard only, each	1.50	1.50	1.50
Rear Guard Lacing Clip "	.09	.09	.09
Front Fork, "	4.50	3.75	3.45
Frame only, "	16.50	16.50	15.00
Front Wheel only, "	4.65	4.05	3.90
Rear Wheel only, "	5.55	4.80	4.65

SPOKES.

No. 2—Swaged, headed, bent, threaded and nickel plated, sizes 14×16, gauge, 12 and 12 1/8 in. long, 15×17 gauge, 12 and 12 1/8 in. long, with nipple, per hundred $2.00

No. 6—Swaged, headed, bent, threaded and nickel plated, sizes 14×16 gauge, 12 and 12 1/8 in. long, with nipple, per hundred 1.75

State number, gauge and size of wheel in ordering.

100 IN A BOX, WEIGHT 1 1/2 LBS.

DIAMOND E SPOKES.

Made of Finest Quality Wire, Specially Nickel Plated.

No. 10 — Swaged, headed, bent and threaded, sizes 14×16 gauge, 12 and 12 1/8 in. long, or 15×17 gauge, 12 and 12 1/8 in. long ..... per hundred $2.00

100 IN A BOX, WEIGHT 1 1/2 LBS.

WOOD RIM NIPPLES.

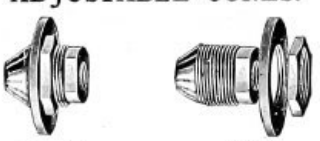
No. 26—Brass, nickel plated, 56 threads, 13, 14, 15 or 16 gauge ..... per hundred $0.60

State gauge when ordering.

NIPPLE WASHERS.

No. 2—Saw tooth ..... per hundred $0.10

ADJUSTABLE CONES.



No. 40. No. 41.

No. 40—Front, for 5/16 in. axle, 24, 26 or 28 threads, w't per doz. 3/4 lb ..... per dozen $3.60

No. 41—Rear, for 3/8 in. axle, 24, 26 or 28 threads, w't per doz. 7/8 lb ..... per dozen 3.60

State size of thread in ordering.

Nos. 42 and 43. Nos. 44, 45 and 46.

No. 42—Front, 5/16 in., 24 and 26 thread, w't per doz. 12 oz. ..... per dozen $1.50

No. 43—Rear, 3/8 in., 24 and 26 thread, w't per doz. 14 oz. ..... per dozen 1.50

No. 44—Hanger, right, 3/4×24 in. thread, w't per doz. 20 oz. ..... per dozen 3.60

No. 45—Hanger, left, 11/16×24 in. thread, w't per doz. 20 oz. ..... per dozen 3.60

No. 46—Hand, 3/4 or 11/16 in. blank, can be tapped, any thread to suit, and can be tempered by heating to cherry red and plunging in water, w't per doz. 20 oz., per dozen 3.60

STEEL BALLS.

1/8 5/32 3/16 1/4 5/16 3/8

Standard Bicycle Sizes.

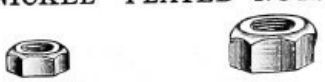
Diameter	1-8	5-32	3-16	7-32 in.
Per thousand	$2.00	2.25	2.50	3.75
Diameter	**1-4**	**9-32**	**5-16**	**3-8 in.**
Per thousand	$4.50	5.25	6.00	9.00

Special Quality Automobile Sizes.

Diameter	7-16	1-2	5-8	3-4 in.
Per thousand	$30.00	36.00	51.00	90.00

Guaranteed accurate in size and of the very best quality.

NICKEL PLATED NUTS.



Hexagon, 20, 24, 26 or 28 Threads.

Nos.	4	5	6
Hole	1/4	5/16	3/8 in.
Width	1/2	1/2	19/32 in.
Thickness	3/32	1/4	5/16 in.
Threaded, per hundred	$2.50	3.00	3.50
Blank, "	2.50	3.00	3.50

NICKEL PLATED WASHERS.

Nos.	14	15	16
Axle	1/4	5/16	3/8 in.
Per hundred	$0.50	.50	.50

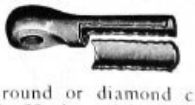
CHAIN ADJUSTERS.

No. 60—Nickel plated, complete, per dozen pairs $1.20

CRANK KEYS.

No. 10—Case hardened, with washer, hexagon nut, nickel plated, sizes 1/4, 5/16, 11/32, and 3/8 in. ..... per hundred $5.00

CRANK REPAIR TIPS.



No. 50—For round or diamond cranks, tapped 1/2×20 in., right and left, each $0.25

For repairing cranks broken at the pedal. They telescope over the broken end of the crank and are then brazed, which enables the dealer to make a quick repair and save much annoyance.

RIM AND TIRE CEMENTS, RUBBER SOLUTIONS, ETC.

LIQUID RIM CEMENT.

Nos. 22 and 24. No. 25½.

For Cementing Tires to Rims.

No. 22 REVONOC—1½×4 in. tubes, w't per doz. 5⅛ lb.....per dozen $0.55
No. 24 REVONOC—¾×4 in. tubes, w't per doz. 7⅛ lb.....per dozen .65
No. 25½ REVONOC—2 oz. bottles with swab, w't per doz. 4 lbs.....per dozen 1.20

ONE DOZEN IN A BOX.

For Cementing Tires To Rims.

No. 25 REVONOC—2 oz. cans, w't per doz. 2⅛ lbs.....per dozen $1.10
No. 26 REVONOC—4 oz. cans, w't per doz. 4 lbs.....per dozen 1.75
No. 27 REVONOC—½ pt. cans, w't per doz. 7 lbs.....per dozen 3.00
No. 28 REVONOC—1 pt. cans, w't per doz. 13 lbs.....per dozen 4.75
No. 29 REVONOC—1 qt. cans, w't per doz. 25½ lbs.....per dozen 8.50

NOS. 25, 26 AND 27, ONE DOZEN; NO. 28, HALF DOZEN; NO. 29, QUARTER DOZEN IN A BOX.

No. 111. Nos. 114 and 115.

Morgan & Wright, for Cementing Tires to Rims.

No. 111—¾×4 in. tubes, w't per doz. 1⅛ lbs.....per dozen $0.65
No. 114—¼ pt. cans, w't per doz. 3¾ lbs., per dozen..... 1.75
No. 115—½ pt. cans, w't per doz. 6⅜ lbs., per dozen..... 3.00

ONE DOZEN IN A BOX.

HARD TIRE CEMENT.

For Cementing Tires to Rims.

No. 109—2 oz. M. & W., in tin boxes, w't per doz. 2¼ lbs.....per dozen $1.75

Finest Imported, Guaranteed Quality.

No. 10—1 ib. cakes, red, in paper wrappers.....per dozen $5.00

LIQUID RIM SHELLAC.

Hold Fast, for Cementing Tires and Grips.

No. 301—2 oz. bottles, with swab, w't per doz. 4½ lbs.....per dozen $3.00
No. 302—1 pt. cans, w't per doz. 12 lbs., per dozen..... 9.00
No. 303—1 qt. cans, w't per doz. 27 lbs., per dozen..... 15.00
No. 304—1 gal. can s.w't per doz. 102 lbs., per dozen..... 60.00

NO. 301, ONE DOZEN IN A BOX; BALANCE LOOSE.

REPAIR CEMENT.

Nos. 1 to 4. Nos. 5 to 7.

For Repairing Inner Tubes.

No. 1 REVONOC—½×2½ in. tubes, w't per doz. ⅜ lb.....per dozen $0.40
No. 2 REVONOC—½×4 in. tubes, w't per doz. ⅝ lb.....per dozen .55
No. 4 REVONOC—¾×4 in. tubes, w't per doz. ⅞ lb.....per dozen .65

ONE DOZEN IN A BOX.

No. 5 REVONOC—2 oz. cans, w't per doz. 2⅛ lbs.....per dozen $1.10
No. 6 REVONOC—4 oz. cans, w't per doz. 4 lbs.....per dozen 1.75
No. 6½ REVONOC—½ pt. cans, w't per doz. 5⅝ lbs.....per dozen 3.00
No. 7 REVONOC—1 pt. cans, w't per doz. 12½ lbs.....per dozen 4.75

NOS. 5, 6 AND 6½, ONE DOZEN; NO. 7, HALF DOZEN IN A BOX.

RUBBER SOLUTION.

No. 121. Nos. 124 to 129.

Morgan & Wright, for Repairing Inner Tubes.

No. 121—¾×4 in. tubes, w't per doz. 1⅛ lbs.....per dozen $0.60

ONE DOZEN IN A BOX.

No. 124—¼ pt. cans, w't per doz. 3¾ lbs.....per dozen 1.75
No. 125—½ pt. cans, w't per doz. 6⅜ lbs.....per dozen 3.00
No. 126—1 pt. cans, w't per doz. 14 lbs., per dozen..... 5.00

PLUGTIGHT SOLUTION.

For Use with Jiffy Repair Tool in Repairing Single Tube Tires.

No. 86 REVONOC—¾×4 in. tubes, w't per doz. ¾ lbs.....per dozen $1.80
No. 88 REVONOC—¾×4 in. tubes, with needle end, w't per doz. ¾ lb., per dozen 2.40

A very heavy liquid, which, upon being forced through a puncture, hardens to the consistency of pure rubber and makes a permanent repair without the use of plugs.

ONE DOZEN IN A BOX.

TIRE FLUID.

No. 400.

Neverleak, for Repairing Inner Tubes.

No. 400—4 oz. tubes, w't per doz. 3½ lbs., per dozen.....$ 3.00
No. 402—4 oz. cans, w't per doz. 4 lbs. per dozen..... 3.00
No. 404—8 oz. cans, w't per doz. 7 lbs... 6.00
No. 406—1 gal. cans, w't per doz. 120 lbs. per dozen..... 60.00
No. 408—5 gal. cans, w't per doz. 675 lbs. per dozen..... 180.00

When injected into tires, it stops all small punctures and slow leaks; positively will not injure the tire.

With each dozen is enclosed a certificate which can be redeemed for a valuable premium.

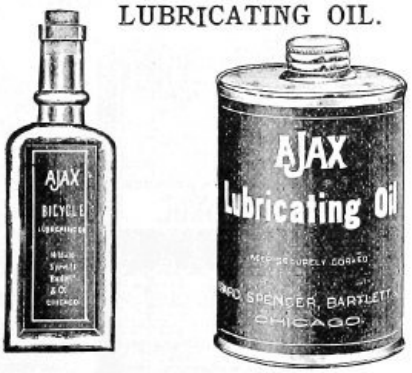
INJECTORS.

No. 5—NEVERLEAK, cast frame and legs, rubber hose connection, *without pump*, height 9½ in., mounted on wood base, w't per doz. 15 lbs.....per dozen $24.00

By using this injector a tire can be filled quickly, without waste. Any ordinary foot pump can be used.

OILS, ENAMELS, OILERS, ETC.

LUBRICATING OIL.



Nos. 2G and 4G. Nos. 5G and 6G.

Ajax.

No. 2G—2 oz. bottles, w't per doz. 5 lbs., per dozen $0.70
No. 4G—4 oz. bottles, w't per doz. 9½ lbs., per dozen 1.10

ONE DOZEN IN A BOX.

No. 5G—½ pt. cans, with screw top, w't per doz. 7 lbs. ..... per dozen 1.90
No. 6G—1 pt. cans, with screw top, w't per doz. 12½ lbs. ..... per dozen 2.75

COMBINATION OIL.

Nos. 30G and 31G. Nos. 41G to 33G.

"3 in 1," Cleans, Preserves and Lubricates. PER

No. 30G—1 oz. bottles, w't per DOZEN doz. 2 lbs. $1.00
No. 31G—3 oz. bottles, w't per doz 6 lbs. 2.75

NO. 31G, ONE DOZEN; NO. 30G TWO DOZEN IN A BOX.

"Many Use," Prevents Rust, Cleans, Lubricates, Polishes, etc. PER DOZEN

No. 41G—1 oz. bottles, w't per doz. 2 lbs. $0.60
No. 32G—2 oz. bottles, w't per doz. 4 lbs., 1.00
No. 33G—3 oz. bottles, w't per doz. 6 lbs., 1.65

"Many Use," Prevents Rust, Cleans, Lubricates, Polishes, etc. PER DOZEN

No. 42G—2 oz. cans, w't per doz. 2¼ lbs., $1.20
No. 35G—4 oz. cans, w't per doz. 4½ lbs., 2.50

Cans are provided with a reversible sprut top.

COMBINATION OIL.

No. 43G—MANY USE, ½ gal. cans, prevents rust, preserves, polishes, lubricates, cleans, etc., w't per doz. 4½ lbs., per dozen $24.00

CHAIN LUBRICANTS.

No. 1. No. 2.

No. 1 REV-O-NOC—Stick, in colored tin box, with loose bottom, clean, white and smooth, finest quality, 1×4 in., w't per doz. 2 lbs. ..... per dozen $0.80
No. 2 REV-O-NOC—Wrapped in tinfoil, black, without tin box, ⅝×3⅝ in., w't per doz. ¾ lb. ..... per dozen .50

ONE DOZEN IN A BOX.

No. 679. No. 691. No. 692.

Dixon's, for Use on Chains, Sprockets, etc.

No. 679—Stick graphite, in wood box, 7/8×3 in., w't per doz. 1¾ lbs., per dozen $1.20
No. 691—Stick graphite, in tinfoil, ⅝×3 in., w't per doz. ⅝ lbs. ..... per dozen .60
No. 692—Graphitoleo, ¾×4 in. tubes, one dozen on a card, w't per doz. 1¼ lbs., per dozen 1.20

NO. 691, THREE DOZEN; NO. 679, SIX DOZEN IN A BOX; NO. 692, TWO DOZEN IN A BOX.

AIR DRYING ENAMELS.

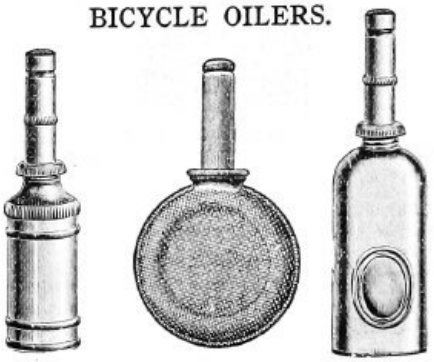
Gives a Glossy Finish, Can Be Washed With Soap and Water, 4 oz. Cans.

No. 1G REV-O-NOC—Black ..... per dozen $3.00
No. 2G REV-O-NOC—Maroon ..... " 3.60
No. 3G REV-O-NOC—Blue ..... " 3.60
No. 4G REV-O-NOC—Brewster green ..... " 3.60
No. 5G REV-O-NOC—White ..... " 3.60

Will not fade.

WEIGHT 5 LBS. PER DOZEN.

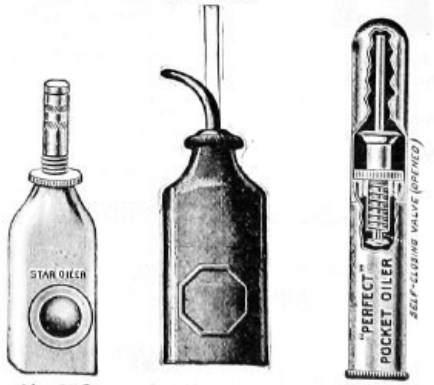
BICYCLE OILERS.



No. 22G. No. 21G. No. 26G.

No. 22G—Plain round, brass, screw cap, with needle, nickel plated, height 3¼ in., w't per doz. ¼ lb. ..... per dozen $0.75
No. 21G—Embossed brass, screw cap, nickel plated, height 2¾ in., w't per doz. ¼ lb. ..... per dozen .80
No. 26G—Oval, brass, screw cap, with needle, nickel plated, height 3½ in., w't per doz. ¼ lb. ..... per dozen .90

NO. 22G, ONE DOZEN; NOS. 21 AND 26, SIX DOZEN IN A BOX.



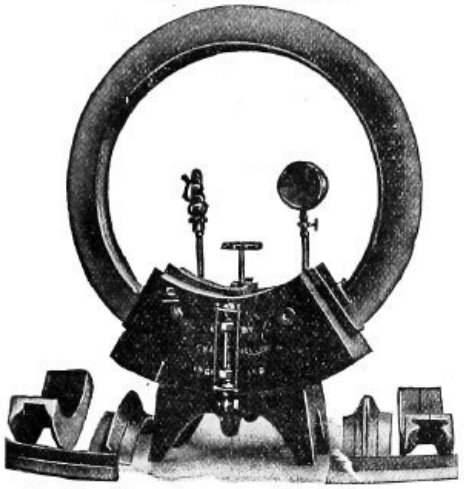
No. 25G. No. 35G. No. 30G.

No. 25G—STAR, square, brass, screw cap, nickel plated, height 3½ in., w't per doz. ⅛ lb. ..... per dozen $1.40
No. 35G—SAFETY, brass, with extension tube to reach in through spokes, nickel plated, height 3¼ in., w't per doz. ½ lb. ..... per dozen 2.60
No. 30G—PERFECT, round, brass, nickel plated, height 4 in., has a self closing valve, w't per doz. 3¾ lbs. ... per dozen 3.20

ONE DOZEN IN A BOX.

VULCANIZERS, VELOCIPEDES, ETC.

ADJUSTABLE SECTIONAL VULCANIZERS.



No. 1A—MILLER'S, automobile, will repair all sizes and makes of casings from 2½ to 4 in., and a section 20 in. long; in order to repair the different makes of casings, special beaded strips are furnished with each outfit, also steam gauge, pop valve, clamp, base globe and fittings, w't 200 lbs. ★each $60.00

No. 1M—For motorcycle tires, otherwise same as No. 1A★.....each 25.00

No. 1B—For Bicycle tires, otherwise same as No. 2A★.....each 15.00

No. 2A—MILLER'S, will repair casings from 4 to 5½ in., and a section 22 in. long, otherwise same as No. 1A, w't 250 lbs.★.....each 60.00

No. 2M—For motorcycle tires, otherwise same as No. 2A.★.....each 25.00

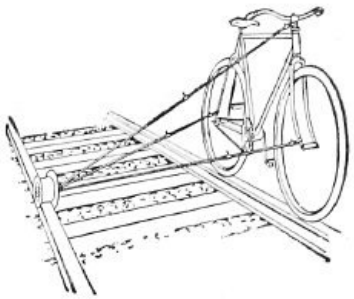
No. 2B—For bicycle tires, otherwise same as No. 2A★.....each 15.00

The above vulcanizers are steam jacketed, being cast in one piece, obviating the possibility of leaks. Either of these vulcanizers will repair inner tubes satisfactorily.

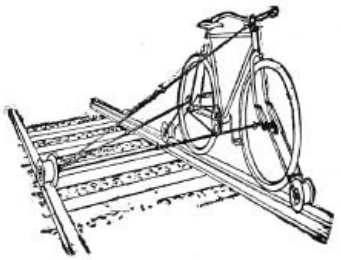
KETTLE VULCANIZERS.

No. 3—MILLER'S, cast iron, heavy hinged lid and counter-balanced weight to assist in raising the lid; when closed the lid is held in place by eighteen 1¼×5 in., bolts, the bolts fit in a slot which allows one to remove them by a half turn of the nut; capacity five to eight tires at one time, and will take up to 40 in.; furnished complete with bolts, pop valve, steam gauge, wrench and packing, w't 2000 lbs.★.....each $200.00

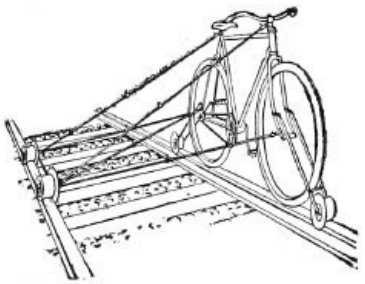
RAILROAD BICYCLE ATTACHMENTS.



No. 1—Double-flanged wheel, connected with bicycle by rigid triangle of 3 braces, serves to guide the bicycle with perfect success, it is easily attached and detached, takes but small amount of room when telescoped for carrying on wheel, w't 10¼ lbs.....each $12.00



No. 2—Double flanged wheels, constructed with 2 auxiliary wheels, which may be raised and fastened, when riding on street or road, and the rest of the attachment may be telescoped and carried, w't 20 lbs.....each $15.00



No. 3—Fitted with four wheels (inside flange) and strong braces, will carry very heavy loads, any bicycle will answer with this attachment, w't 30 lbs.....each $20.00

STEEL VELOCIPEDES.

Finished, Black, with Steel Tires.

No. 1—Wheels 16 and 14 in., inside leg measure 19 in., w't 10 lbs.....each $2.25

No. 2—Wheels 20 and 16 in., inside leg measure 21 in., w't 12 lbs.....each 2.75

No. 3—Wheels 24 and 18 in., inside leg measure 22 in., w't 15 lbs.....each 3.25

No. 4—Wheels 26 and 18 in., inside leg measure 23 in., w't 18 lbs.....each 3.75

Finished Black, with Rubber Tires.

No. 1X—Wheels 16 and 14 in., inside leg measure 19 in., w't 11 lbs.....each $5.00

No. 2X—Wheels 20 and 16 in., inside leg measure 21 in., w't 13 lbs.....each 5.50

No. 3X—Wheels 24 and 18 in., inside leg measure 22 in., w't 16 lbs.....each 6.00

No. 4X—Wheels 26 and 18 in., inside leg measure 23 in., w't 19 lbs.....each 6.50

Quality guaranteed the best.

CHILDREN'S TRICYCLES.

Black Frame, Upholstered in Plush, C Plate Oval Iron Tire Wheels.

No. 18—18 in. rear wheels, w't 17 lbs. each $5.00

No. 20—20 in. rear wheels, w't 19 lbs. " 6.50

No. 22—22 in. rear wheels, w't 22 lbs. " 8.00

Black Frame, Upholstered in Plush, C Plate Rubber Tire Wheels.

No. 18X—18 in. rear wheels, w't 18 lbs., each..... $ 8.00

No. 20X—20 in. rear wheels, w't 20 lbs., each..... 10.00

No. 22X—22 in. rear wheels, w't 23 lbs., each..... 12.00

Very easy running and handsomely finished. Improved spring seat, which takes all vibration and makes riding easy and comfortable. No. 18 is suitable for children two to four years of age; No. 20, three to five years, and No. 22, four to seven years.

★*FOR SHIPMENT FROM FACTORY ONLY.*

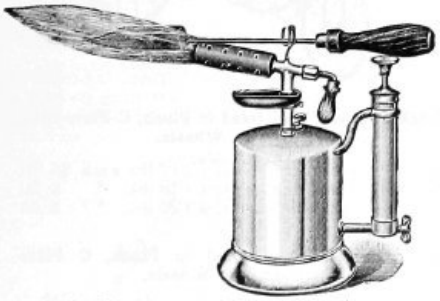
TORCHES, FORGES, VISES, ETC.

GASOLINE TORCHES.

No. 5G—BABY, nickel plated, height 4½ in., diam. 1¾ in., capacity about ½ pt., w't ¼ lb.....each $1.50
Especially adapted for electricians, jewelers and plumbers, where light work is to be done quickly. Throws a four inch flame. Burns without air pressure.

No. 12G.

No. 10G—1 qt., heavy drawn brass tank, special bronze metal burners, fitted with a never leak pump, the plungers of which screw down, 2 extra fibre washers, w't 4 lbs.....each $4.20
No. 12G—1 qt., with adjustable solder iron holder, otherwise same as No. 10 G., w't 4 lbs.....each 4.50
These torches are fitted with pumps, the plungers of which screw down, thus remaining out of the way, and close a needle valve which is a positive shut-off.

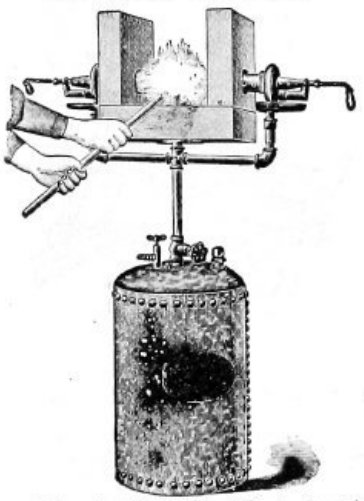


No. 25G—FRANKLIN, 4 in., one-piece seamless brass fount and base, capacity 1 pt., polished, 4¼ in. pump, fitted to act as a handle, with air valve at the bottom, malleable iron adjustable drip cup, wood handled needle valve, wire solder iron holder, height over all 7¼ in., w't 2¼ lbs.....each $5.50
No. 15G—OLD RELIABLE, capacity 1 qt., 5¾ in. fount, 5½ in. pump, height 8½ in., otherwise same as No. 25G, w't 4½ lbs.....each 6.00
ONE IN A BOX.

GASOLINE TORCHES.

No. 4G—MOGUL JR., double jet, 5½ in., seamless brass fount and base, polished, capacity 1 qt., 5½ in. air pump, fitted to act as a handle, air valve at bottom, malleable iron drip cup, height 9½ in., w't 4½ lbs.....each $8.50
Has a very strong flame, and is essential for work in automobile and bicycle repair shops.
ONE IN A BOX.

BRAZING FORGES.



Heavy Galvanized Boiler Steel Tank, Capacity 5 Gallons, Extra Heavy Piping, Fitted with New Improved Adjustable Hydro-Carbon Burners.

No. 105G—Without pump or gauge, w't 105 lbs.★.....each $22.00
No. 107G—With pump, no gauge, w't 107 lbs.★.....each 23.50
No. 108G—With gauge, no pump, w't 107 lbs.★.....each 23.50
No. 109G—With gauge and pump, w't 109 lbs.★.....each 25.00
An ideal brazing forge for repair shops and all around purposes. Brazier head and tray adjustable to any height, easily operated.

HAND VISES.

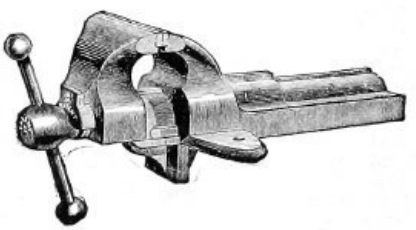
No. 95G—RALLIS, 1¼ in., steel jaws, 4 in. maple handle, w't per doz. 7 lbs., per dozen.....$12.00

★*FOR SHIPMENT FROM FACTORY ONLY.*

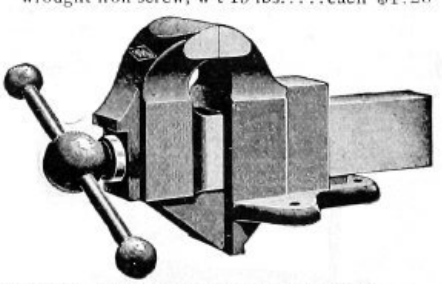
VISES.

No. 1G—1½ in. jaws, wrought iron screw, w't per doz. 15 lbs.....per dozen $3.75

No. 02G—2 in. jaws, wrought iron screw, w't per doz. 24 lbs.....per dozen $6.50



No. 32G—PARKER'S OVAL SIDE, 3¼ in. polished jaws, opens 4 in., covered wrought iron screw, w't 19 lbs.....each $4.20



No. 64G—COLUMBIAN MACHINISTS', 4⅛ in. jaws, polished steel faces, milled and fitted, opens 5⅛ in., stationary base, w't 53 lbs.....each $8.50

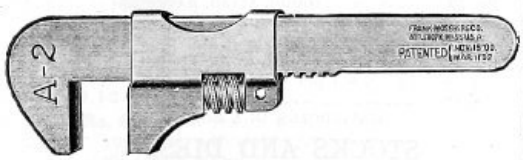
ANVILS AND VISES.

No. 130G—CHENEY'S, 3¾ in. jaws, self-adjusting back jaw, tempered steel faces, chilled steel anvil, smooth face, solid steel hardy or cutting-off tool, opens 5 in., w't 42 lbs.....each $5.50

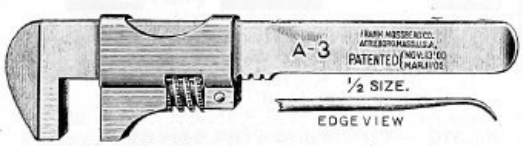
WRENCHES, SCREW DRIVERS, PLIERS, ETC.

BICYCLE WRENCHES.

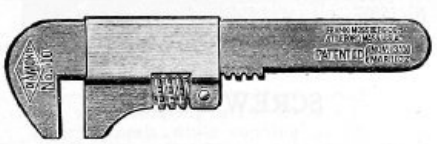
No. 100G—MOSSBERG, 5 in., all steel, hardened, satin finish, w't per doz. 3⅛ lbs. ..... per dozen $2.00



No. 200G—MOSSBERG, 5½ in., all steel, hardened, nickel finish, w't per doz. 4½ lbs. ..... per dozen $2.40



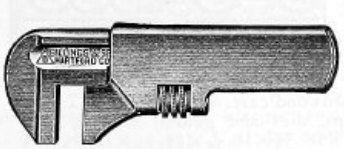
No. 300G—MOSSBERG, 6 in., all steel, hardened, nickel finish, w't per doz. 3¾ lbs. ..... per dozen $2.40



No. 10G—DIAMOND, 5 in., all steel, case-hardened, nickel finish, w't per doz. 3¼ lbs. ..... per dozen $2.50

No. 01G—STERLING, 5 in., all steel, case-hardened, nickel plated, w't per doz. 3½ lbs. ..... per dozen $4.00

No. 02G—STERLING, 6½ in., all steel, case-hardened, mottled finish, w't per doz. 6 lbs. ..... per dozen 6.00



No. 97G—BILLINGS & SPENCER, 4½ in., all steel, drop forged bar, black finish, w't per doz. 4⅛ lbs. ..... per dozen $6.00

No. 197G—BILLINGS & SPENCER, 4½ in., all steel, drop forged bar, nickel finish, w't per doz. 4⅛ lbs. ..... per dozen 7.00

ONE IN A BOX.

WRENCHES.

Girard Agricultural, Wrought Iron Bar, Head and Screw, Oil Finished Hardwood Handle.

No. G—Length...	6	8	10 in.
Opening.....	1	1¼	2 in.
W't per doz.....	8	15	22 lbs.
Per dozen.....	$10.00	12.00	14.00
No. G—Length..		**12**	**15 in.**
Opening.....		2	2½ in.
W't per doz.....		26	40 lbs.
Per dozen.....		$17.00	24.00

HALF DOZEN IN A PACKAGE. 6 TO 12 IN., SIX DOZEN; 15 IN., THREE DOZEN IN A CASE.

Stillson Pipe, Blued, Double Spring, 8, 10 and 14 Inch Have Hardwood Handle, Balance Solid Japanned Handle.

No. 20G—Ins. 6	8	10	14
For pipe ⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1½ in.
Weight. ½	¾	1½	3 lbs.
Each... $2.00	2.00	2.25	3.00
No. 20G—Ins...	**18**	**24**	**36**
For pipe.....	¼ to 2	¼ to 2½	½ to 3½ in.
Weight.....	4½	8	15 lbs.
Each.....	$4.00	6.00	12.00

6 TO 24 IN., HALF DOZEN; 36 IN., ONE-SIXTH DOZEN IN A BOX.

SCREW DRIVERS.

No. 02G—DEVORE'S 5 in. polished, w't per doz. ½ lb. ..... per dozen $0.50

TWO DOZEN IN A BOX.

Champion, Polished Round Blade, Forged from Die Steel, Tempered and Shrunk into Malleable Bolster, Heavy Combined Tang and Ferrule, Stained Fluted Handle.

No. 26G—Inches....	2½	3	4
W't per doz.....	2	2½	3 lbs.
Per dozen.....	$3.00	3.50	4.25
No. 26G—Inches.	**5**	**6**	**7**
W't per doz.....	4	4½	6½ lbs.
Per dozen.....	$5.00	6.00	7.00
No. 26G—Inches.	**8**	**10**	**12**
W't per doz.....	7	8	11 lbs.
Per dozen.....	$8.00	10.00	12.00

HALF DOZEN IN A BOX.

No. 30G—YANKEE, spiral ratchet, right or left hand, rigid at variable lengths, nickel plated, stained cherry handle, length with bit 11 in., 3 forged steel bits, w't per doz. 15 lbs. ..... per dozen $30.00

ONE IN A BOX.

VALVE FORCEPS.

No. 3G—Wrought steel, threaded jaws to fit valve, w't per doz. 2¼ lbs., per dozen $3.50

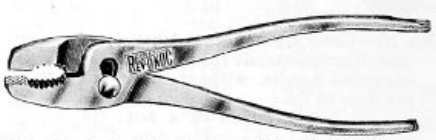
PLUG PLIERS.

No. 1G—Wrought steel, w't per doz. 1⅜ lbs. ..... per dozen $1.20

COMBINATION PLIERS.

No. 322 G REVONOC—6 in., high grade tool steel, drop forged, combining gas plier, wire cutter, wrench and screw driver, nickel plated, w't per doz. 6 lbs., per dozen $15.00

ONE IN A BOX.



High Grade Tool Steel, Drop Forged, Combining Gas Plier, Wire Cutter, Wrench and Screw Driver.

No. 322½ G REVONOC—8 in., nickel plated, w't per doz. 9 lbs. ..... per dozen $18.00

No. 323 G REVONOC—10 in., nickel plated, w't per doz. 12 lbs. ..... per dozen 21.00

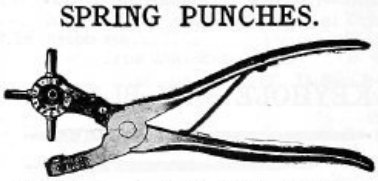
ONE IN A BOX.

COMBINED PLIERS AND WIRE CUTTERS.

No. 48G REVONOC—8 in. buttons, cast steel, oiled finish, polished jaws, cut wire No. 8, w't per doz. 7¼ lbs. ..per dozen $15.00

HALF DOZEN IN A BOX.

SPRING PUNCHES.

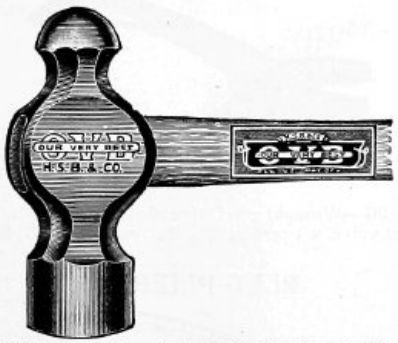


No. 24G CVB—4 tubes, drop forged tool steel, polished, tubes and spring straw color, sizes, 4, 6, 8 and 10, length 9 in., w't per doz. 10 lbs. ... per dozen $10.00

HALF DOZEN IN A BOX.

MISCELLANEOUS TOOLS.

MACHINISTS' HAMMERS.



CVB Solid Forged Steel, Ball Pein, Polished Ball, Sides, and Poll, Octagon Pattern, with Select White Hickory Handle.

Nos.	4-0G	3-0G	2-0G	0G	
W't less hdl.	6	8	12	16	oz.
W't per doz.	7	10	13	16	lbs.
Per dozen	$12.00	12.00	12.00	12.50	
Nos.	**1G**	**2G**	**3G**		
W't less hdl.	20	24	28		oz.
W't per doz.	21	24	27		lbs.
Per dozen	$13.50	14.50	15.50		
Nos.	**4G**	**5G**	**6G**		
W't less hdl.	2	2¼	2½		lbs.
W't per doz.	30	33	38		lbs.
Per dozen	$16.50	17.50	19.00		

ONE THIRD DOZEN IN A BOX. SIX DOZEN IN A CASE.

HACKSAW FRAMES.

No. 1G—CROWN, extension, nickel plated steel frame, extends from 8 to 12 in., enameled handle, without blade, w't per doz. 10 lbs. ..... per dozen $12.00

ONE DOZEN IN A BOX.

HACK SAW BLADES.

No. 1G, CVB All Hard, Natural Finish, 14, 18 or 23 Points.

Length.	8	9	10	12	in.
Width.	1/16	½	½	½	in.
Per dozen	$0.65	.70	.85	1.05	

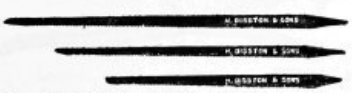
14 points is regular, 18 points medium, 23 points fine.

KEYHOLE SAWS AND PADS.

No. 10G—DISSTON'S, japanned iron handle, 7 in. cast steel blade, w't per doz. 2½ lbs. ..... per dozen $2.00

ONE DOZEN IN A BOX.

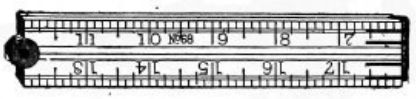
KEYHOLE SAW BLADES.



No. 16G—DISSTON'S, polished cast steel, ground, set and sharpened, assorted sizes, 8, 9, 10, 11 and 12 in. ..per dozen $2.00

ONE DOZEN IN A BOX.

BOXWOOD RULES.

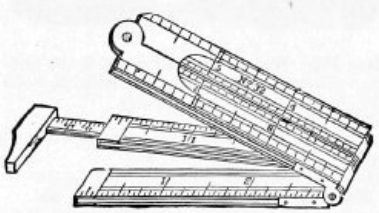


No. 68G—2 ft., round joint, middle plates, marked in 8ths and 16ths in. 1 in. wide, w't per doz. 1¼ lbs. ..... per dozen $2.50

ONE DOZEN IN A BOX.

No. 62½G—2 ft., square joint, full bound, marked in 8ths, 10ths, 12ths and 16ths in., ¾ in. wide, w't per doz. 2 lbs., per dozen..... $8.00

HALF DOZEN IN A BOX.



Caliper.

No. 32G—1 ft., arch joint, edge plates, four fold, marked in 8ths, 10ths, 12ths and 16ths in., 1 in. wide, w't per doz. 1¼ lbs. ..... per dozen $7.00

FILES.

CVB Mill Bastard, Crucible Cast Steel, Best Quality.

No. G—Length.	8	10	12	in.
W't per doz.	3	6	10	lbs.
Per dozen	$4.30	5.60	7.50	

HALF DOZEN IN A BOX.

CVB Flat Bastard, Crucible Cast Steel, Best Quality.

No. G—Length.	8	10	12	in.
W't per doz.	4	6¼	13	lbs.
Per dozen	$5.30	7.00	9.70	

HALF DOZEN IN A BOX.

CVB Round Bastard, Crucible Cast Steel, Best Quality.

No. G—Length.	6	8	10	in.
Diam. widest part	7/32	5/16	3/8	in.
W't per doz.	7/8	2	3¾	lbs.
Per dozen	$3.50	4.30	5.60	

ONE DOZEN IN A BOX.

CVB Slim Taper Saw, Crucible Cast Steel, Best Quality.

No. G—Length.	4	5	6	in.
W't per doz.	½	7/8	1¼	lbs.
Per dozen	$2.20	2.50	3.10	

ONE DOZEN IN A BOX.

SNIPS.

No. 39G REVONOC—3 in. cut, 12¼ in. long, straight, drop forged, steel laid, w't 1½ lbs. ..... per pair $1.50

ONE PAIR IN A BOX.

WIRE GAUGES.

No. 2G—Cast steel, round, small, gauges Nos. 6 to 36, w't per doz. 1 lb., per dozen..... $15.00

No. 1G—Cast steel, round, large, gauges Nos. 0 to 36, w't per doz. 2½ lbs., per dozen..... 24.00

HALF DOZEN IN A BOX.

STOCKS AND DIES.

With Set Screw at End.

No. 37BG—3 sets of dies, 6 taps, one each ¼×18, 5/16×18, ⅜×16, 7/16×16, ½×14 and ⅝×14 right hand, w't 3½ lbs., per set..... $4.25

No. 37G —3 sets of dies, 6 taps, one each ¼×22, 5/16×22, ⅜×18, 7/16×18, ½×14, ⅝×14 right hand, w't 4 lbs. ..... per set 4.25

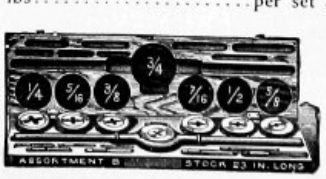
No. 41G —3 sets of dies, 6 taps, one each 3/16×26, ¼×26, ¼×20, 5/16×20, 7/16×16, ½×16 right hand, w't 2 lbs. ..... per set 3.25

No. 53G —4 sets of dies, 4 taps, one each ⅛×32, 3/16×24, ¼×20, 5/16×16 right hand, w't 1 lb. ..... per set 2.75

ONE SET IN A WOOD BOX.

SCREW PLATES.

No. 150 G — LIGHTNING, oiled hardwood case, with stock, tap wrench (fitting in stock) and 5 sizes taps, dies and guides, sizes ⅛×40, 5/32×36, 3/16×32, 7/32×28 and ¼×24, stock 6 in. long, diameter of dies ⅞ in., w't per set 1½ lbs. ..... per set $5.50



No. 1104 G — GREEN RIVER, oiled hardwood case, with stock and 7 sizes taps, dies and guides, sizes ¼×20, 5/16×18, ⅜×16, 7/16×14, ½×12, ⅝×11 and ¾×10, stock 22 in. long, diameter of dies 2 1/16 in., w't per set 11 lbs. per set $14.00

No. 1229G —LIGHTNING, full mounted, oiled hardwood case, with 9 stocks, tap wrench, taps, dies and guides, sizes ¼×20, 5/16×18, ⅜×16, 7/16×14, ½×12, ⅝×11, ¾×10, ⅞×9 and 1×8, a stock to each die, w't per set 38 lbs., per set..... 27.50

MISCELLANEOUS TOOLS.

EMERY TOOL GRINDERS.

No. 6G.

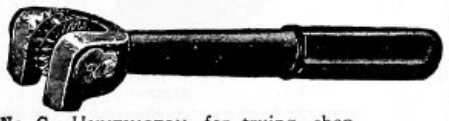
No. 16G.

No. 6G—Iron frame with floor and wall supports, adjustable foot lever, 6×¾ in. emery wheel, ⅝ in. steel shaft, new positive ball clutch, cone bearings, height 42 in., w't 25 lbs.....each $8.00
Designed for bicycle repair shops, etc., where light grinding is required.

No. 16G—Union, iron frame with floor and wall supports, adjustable foot lever, machine cut gears, driving parts inside shaft, height 42 in., w't 30 lbs., complete with two 6×¾ in. emery wheels and skate attachment....each $11.00
Runs like a watch and takes only a few inches of floor space.

ONE IN A CASE.

EMERY WHEEL DRESSERS.



No. G—Huntington, for truing, shaping and removing glaze from solid emery wheels while running at full speed, w't per doz. 22 lbs..per dozen $12.00

No. 1G—Extra cutters, w't per doz. sets 1 lb., ...per set .25

SAND PAPER & EMERY CLOTH.

REVONOC Sand Paper, Sheets 9x11 in.

Nos..	00G	0G	½G	1G	
W't per ream.....	13	15	18	22	lbs.
Per ream.....	$6.25	6.25	6.25	6.75	
Nos..	1½G	2G	2½G	3G	
W't per ream.....	24	27	30	34	lbs.
Per ream.....	$7.25	7.75	8.25	9.50	

Assorted, Nos. 00G to 3G, w't per ream 24 lbs.....per ream $7.25

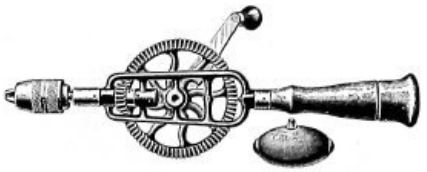
HALF REAM IN A PACKAGE.

REVONOC Emery Cloth, Sheets 9×11 in.

Nos..	00G	0G	½G	1G	
W't per ream..	28	35	45	50	lbs.
Per ream.....	$26.50	26.50	26.50	28.50	
Nos..	1½G	2G	2½G	3G	
W't per ream .	54	60	64	70	lbs.
Per ream.....	$29.75	30.75	33.00	35.25	

QUARTER REAM IN A PACKAGE.

HAND DRILLS.



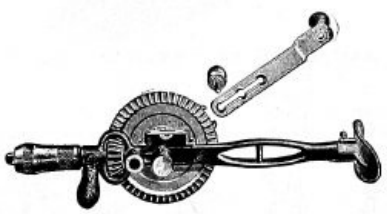
No. 2G—Miller's Falls, single gear, length 15 in., 8 cast steel drills, contained in head, will hold ¼ in. round shank drills, w't per doz. 28 lbs., per dozen..... $30.00

ONE IN A BOX.

No. 041G—Yankee, automatic, length 10 in. nickel plated and polished, metal handle enclosing 8 cast steel drills, w't per doz. 12 lbs....per dozen $28.00

ONE IN A BOX.

BREAST DRILLS.

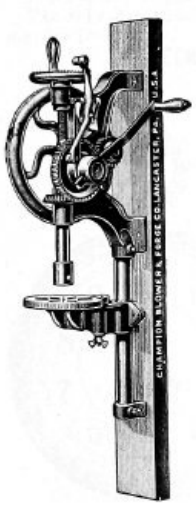


With Level Glass.

No. 12G—Miller's Falls, japanned iron frame, nickel plated chuck, for round or square shank drills, 2 speeds, extension crank, 2 cocobolo handles, length 17 in., w't per doz. 72 lbs., per dozen..... $30.00

ONE IN A BOX.

POST DRILLS.



No. 101G—Champion, self feed black smiths', made of best material, bearings ground from solid metal, ⅞ in. steel spindle bored to take ½ in. straight shank drills, 3 in. up-and-down run, drills to center of 12 in. circle, holes from ¾ to ¾ in., single speed, with back gear, w't 80 lbs. each $7.00

No. 98G—Champion, self-feed black smiths', made of best material, bearings ground from solid metal, 1 in. steel spindle bored to take in ½ in. straight shank drills, 3 in. up-and-down run, drills to center of 14 in. circle, holes from ¼ to 1 in., single speed, with back gear, w't 95 lbs. each $8.00

Extra, for power for No. 98G.★..... 3.00

★ *FOR SHIPMENT FROM FACTORY ONLY.*

TWIST DRILLS.

Bit Stock, for Wood or Iron.

No. 108G (109) ...	1-16	3-32	1-8	in.
W't per doz.....	½	⅝	11/16	lb.
Per dozen $1.50		1.65	2.10	
No. 108G (109) ...	**5-32**	**3-16**	**7-32**	**in.**
W't per doz.....	¾	⅞	1	lb.
Per dozen.....$2.60		3.10	3.60	
No. 108G (109) ...	**1-4**	**9-32**	**5-16**	**in.**
W't per doz.....	1 1/16	1⅛	1¼	lbs.
Per dozen $4.10		4.70	5.40	
No. 108G (109) ...	**11-32**	**3-8**	**13-32**	**in.**
W't per doz.....	1⅜	1½	1⅝	lbs.
Per dozen $6.30		7.20	8.00	
No. 108G (109) ...	**7-16**	**15-32**	**1-2**	**in.**
W't per doz.....	2	2⅜	2¾	lbs.
Per dozen $8.80		9.60	10.30	
No. 108G (109) ..	**9-16**	**5-8**	**3-4**	**in.**
W't per doz.....	2⅞	3	3¼	lbs.
Per dozen $14.35		16.15	19.75	

No. 0108G—Sets of nine, one each 1/16, 3/32, 1/8, 6/32, 3/16, 7/32, ¼, 5/16, and ⅜ in., w't per set 2½ lbs .....per set $2.75

ONE DOZEN IN A BOX.

Jobbers' and Machinists' Straight Shank.

No. 105G.....	1-16	5-64	3-32	in.
Length.....	2½	2⅝	2¾	in.
W't per doz.....	1/16	1/16	1/16	lb.
Per dozen $1.00		1.10	1.20	
No. 105G.....	**7-64**	**1-8**	**9-64**	**in.**
Length.....	2⅞	3	3⅛	in.
W't per doz.....	⅛	⅛	⅛	lb.
Per dozen $1.30		1.45	1.60	
No. 105G.....	**5-32**	**11-64**	**3-16**	**in.**
Length.....	3¼	3¾	3½	in.
W't per doz.....	¼	¼	¼	lb.
Per dozen $1.80		2.00	2.20	
No. 105G.....	**13-64**	**7-32**	**15-64**	**in.**
Length.....	3⅝	3¾	3⅞	in.
W't per doz.....	⅜	⅜	½	lb.
Per dozen $2.40		2.65	2.90	
No. 105G.....	**1-4**	**17-64**	**9-32**	**in.**
Length.....	4	4⅛	4¼	in.
W't per doz.....	⅝	¾	⅛	lb.
Per dozen $3.15		3.40	3.65	
No. 105G.....	**19-64**	**5-16**	**21-64**	**in.**
Length.....	4⅜	4½	4⅝	in.
W't per doz.....	1	1	1⅛	lbs.
Per dozen $3.90		4.20	4.50	
No. 105G.....	**11-32**	**23-64**	**3-8**	**in.**
Length.....	4¾	4⅞	5	in.
W't per doz.....	1⅜	1⅜	1½	lbs.
Per dozen.....$4.80		5.10	5.40	
No. 105G.....	**25-64**	**13-32**	**27-64**	**in.**
Length.....	5⅛	5¼	5⅜	in.
W't per doz.....	1⅝	1¾	1⅞	lbs.
Per dozen $5.70		6.00	6.40	

No. 105G...	7-16	29-64	15-32	31-64	1-2	in.
Length.....	5½	5⅝	5¾	5⅞	6	in.
W't per doz.	2	2¼	2½	2⅞	3	lbs.
Per dozen ..	$6.80	7.20	7.50	7.75	8.00	

No. 6G—Mounted sets, 15 drills, alternate sizes from 1/16 to ½ in., w't per set 2 lbs., per set..... $5.40

No. 5G—Mounted sets, 29 drills, all sizes from 1/16 to ½ in., w't per set 3 lbs., per set..... 10.00

MOTORCYCLE ACCESSORIES.

MOTORCYCLE TIRES.

G. & J. Moulded, Corrugated Tread, Double Clinch.

SIZES, INCHES.	CASE ONLY, EACH.	TUBE ONLY, EACH.	TIRES PER PAIR.
26×2	$8.70	2.25	20.70
26×2¼	8.75	2.50	22.50
26×2½	9.45	2.95	24.80
28×2	8.35	2.70	22.10
28×2¼	9.00	2.70	23.40
28×2½	9.90	3.15	26.10

G. & J., Moulded, Bailey Tread, Double Clinch.

SIZES INCHES.	CASE ONLY, EACH.	TUBE ONLY, EACH.	TIRES PER PAIR
26×2	$ 9.90	2.25	24.30
26×2¼	10.55	2.50	26.10
26×2½	11.25	2.95	28.40
28×2	10.15	2.70	25.70
28×2¼	10.80	2.70	27.00
28×2½	11.70	3.15	29.70

M. & W. Bailey Tread, Endless Tube, Double Clinch, Grey.

SIZES, INCHES.	CASE ONLY, EACH.	TUBE ONLY, EACH.	TIRES PER PAIR.
26×2¼	$10.55	2.50	26.10
26×2½	11.25	2.95	28.40
28×2	10.15	2.70	25.70
28×2¼	10.80	2.70	27.00
28×2½	11.70	3.15	29.70

M. & W., Bailey Tread, Endless Tube, Single Clinch, Grey.

SIZES, INCH.	CASE ONLY, EACH.	TUBE ONLY, EACH.	TIRES, PER PAIR.
26×2¼	$10.55	2.50	26.10
26×2½	11.25	2.95	28.40
28×2	10.15	2.70	25.70
28×2¼	10.80	2.70	27.00
28×2½	11.70	3.15	29.70

MOTORCYCE TIRES.

Empire, Bailey Tread, Endless Tube.

SIZES, INCH.	CASE ONLY, EACH.	TUBE, EACH.	EXTRA HEAVY TIRES, RED TUBE, EACH.	PER PAIR.
26×2¼	$ 9.60	2.25	2.70	23.70
26×2½	10.10	2.50	3.00	25.20
28×2¼	10.00	2.50	3.00	25.00
28×2½	10.50	2.75	3.30	26.50

Empire, Corrugated Tread, Endless Tube.

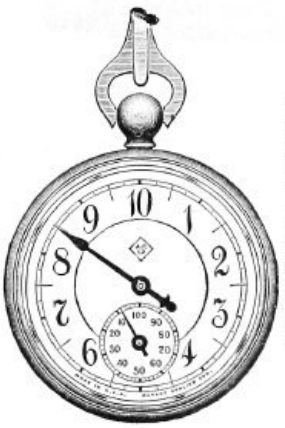
SIZES, INCH.	CASE ONLY, EACH.	GRAY TUBE EACH.	EXTRA HEAVY RED TUBE EACH.	TIRES, PER PAIR.
26×2¼	$8.35	2.25	2.70	21.20
26×2½	8.85	2.50	3.00	22.70
28×2	8.25	2.25	2.70	21.00
28×2¼	8.75	2.50	3.00	22.50
28×2½	9.25	2.75	3.30	24.00

Empire, Extra Heavy Wrapped Raised Tread, Endless Tube.

SIZES INCH.	CASE ONLY, EACH.	BAILEY TREAD CASE ONLY.	GREY TUBE ONLY.	EXTRA HEAVY RED TUBE ONLY.
26×2¼	$ 9.75	11.25	2.25	2.70
26×2½	10.00	11.50	2.50	3.00
28×2¼	10.00	11.50	2.50	3.00
28×2½	11.00	12.50	2.75	3.30
28×2¾	13.35	14.85	3.00	3.60

28×2¾ in., will fit the regular 28×2½ in. rim. The red tubes listed above are the extra heavy peerless inner tubes.

PEDOMETERS.



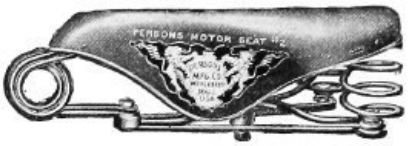
Designed to be attached to belt or inside of pocket, always hanging vertically.

Each step vibrates automatic mechanism, thus setting the cog wheels in motion and according to the distance walked by the wearer.

No. 7—AMERICAN, diameter 1¾ in., registers 100 miles.....each $1.50

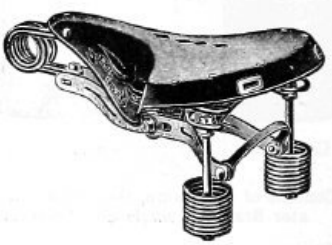
ONE IN A BOX.

MOTORCYCLE SADDLES.



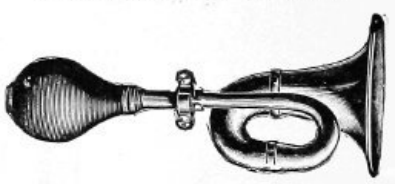
No. 2—PERSON'S, front and real coil springs, very strong, easy riding, size 12½×9½ in., w't 3⅞ lbs.....each $6.00

No. 1—PERSON'S AMERICAN, fitted with duplex compound springs, no-rebound, non-vibratory and extra heavy fine quality leather top, 12½×12½ in., divided throughout to straddle frame, no friction, w't 5¼ lbs.....each $8.00



No. 206—TROXEL EAGLE, heavy truss cushion springs in rear, nose coil in front, universal clamp, heavy nickeled frame, best imported leather, 13¼×12 in., w't 5¾ lbs.....each $9.00

MOTORCYCLE HORNS.



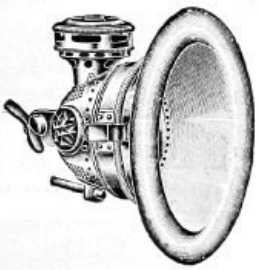
Polished Brass.

No. 4	3½ in. bell, length 9¾ in..	each	$1.60
No. 6	4⅜ in. bell, length 12 in..	"	2.00
No. 8	5 in. bell, length 13 in..	"	2.25
No. 10	6 in. bell, length 14¾ in..	"	3.00

No. 726—BULL FROG, 4¼ in. polished brass bell, with double coil, giving a deep tone.....each $3.00

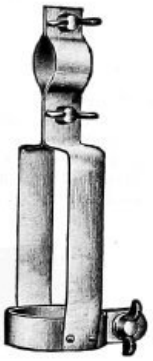
MOTORCYCLE ACCESSORIES.

MOTORCYCLE LAMP SETS.



Lamp.

Generator.

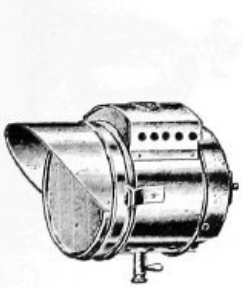


Generator Bracket.

Set Consists of One Lamp, Generator and Generator Bracket Complete as Follows.

No. 4—Lamp, red and green jewel side lights, aluminum parabola reflector, other parts nickel plated, front diam. 6 in., height 6 in., w't 14 oz.; generator, height 6 in., diam. 2¼ in., nickel plated and polished, carbide capacity 6 oz., w't 14 oz.; generator bracket, made to hold the generator, with clamps to fasten to frame, w't 9 oz., w't per set 4½ lbs., complete.....per set $7.50

ONE SET IN A BOX.



Lamp.

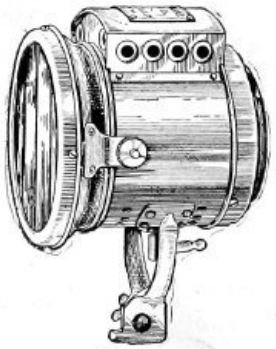
Generator.

Set Consists of One Lamp and Generator Complete.

No. 95—COLUMBIA, lamp, 5½ in. high, 4½ in. diam. of front, 4 in. lens mirror, heavily nickel plated brass, w't 1 lb.; generator, 11 in. high with clamps to fasten to frame, diam. 2 in., nickel plated brass, carbide capacity 8 oz., w't per set 4½ lbs., complete, per set..... $10.00

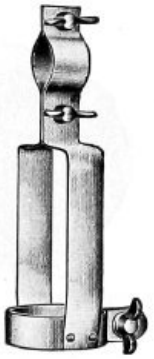
ONE SET IN A BOX.

MOTORCYCLE LAMP SETS.



Lamp.

Generator.



Generator Bracket.

Set Consists of One Lamp, Generator and Generator Bracket Complete as Follows.

No. 100—Lamp, nickel plated brass, 4 in. mangin mirror lens, 5½ in. high, diam. 4 in., with clamp to fasten on frame; generator, same as the one furnished with the No. 4 outfit; generator bracket, same as the No. 4 outfit, furnished with 3 ft. of tubing to connect the generator with lamp, w't per set 6 lbs., complete .....per set $12.50

ONE SET IN A BOX.

MOTORCYCLE HANDLE BAR GRIPS.

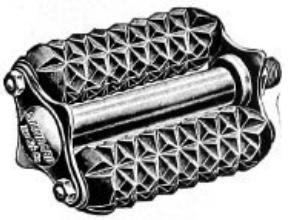
No. 30M—G. & J. ROUGH RIDER, made of rubber, constructed so as to extend about 4 in. beyond end of handle bar, very pliable, w't per pair 8 oz., per pair $1.50

The knobs on the ends of the grip make it easily held and prevents any possibility of the hands slipping off.

MOTORCYCLE PUMPS.

No. 36G—TELESCOPIC, 1×18½ in. long, heavy brass tubing, nickel plated and polished, two adjustable clamps to fasten on frame, rubber tubing, which is pushed inside the cylinder when not in use, w't per doz. 9 lbs., per dozen..... $15.00

MOTORCYCLE PEDALS.



No. 3—STANDARD, ¾ in. steel axle, ball bearing, ⅝ in. balls, deep corrugated rubbers supported on square rod, gives firm foothold, dust caps are held in place by nuts, cannot jar loose, w't per pair 20 oz.....per pair $3.00

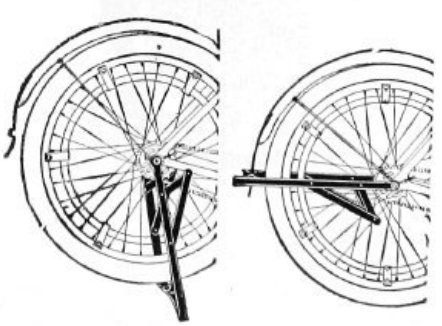
ONE PAIR IN A BOX.

MOTORCYCLE REPAIR PEDALS.

No. 200—One piece forged steel, can be applied in a few minutes, center is corrugated to prevent the rider's foot from slipping sideways, w't 3 oz.....each $0.35

These are especially valuable in touring, endurance contests or road races.

MOTORCYCLE STANDS.



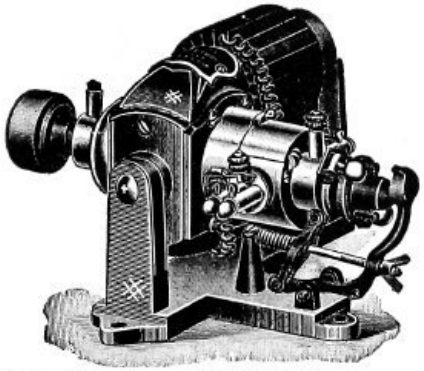
In use. Folded.

No. 300—QUICK ACTION, made of steel, firmly riveted, height 17 in., fits any motorcycle, when folded is attached to bracket on the end of mud guard, w't 3¼ lbs.....each $3.00

This stand is ideal for show room or demonstrating purposes, protects the machine in rear from collision and is entirely out of the way when folded.

SPARKERS AND SPARK COILS.

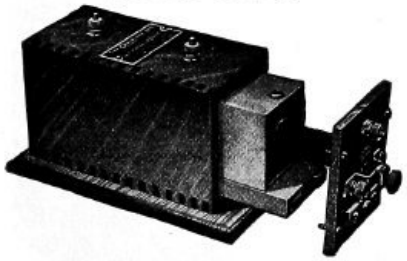
AUTO SPARKERS.



No. 1—MOTSINGER, $10\frac{1}{2}\times10\times6\frac{1}{2}$ in., each..... $25.00

No batteries, belts or switches are required to operate this sparker. It is wound for a very slow starting speed, making it possible to start without batteries by turning the fly wheel of engine by hand. When the engine is under motion, the governor on the end of shaft of the sparker prevents it from running too fast. A perfect sparker in every particular.

SPARK COILS.



Chicago.

No. C1—1 cylinder	each	$ 6.00
No. C2—2 cylinder	"	13.00
No. C3—3 cylinder	"	19.00
No. C4—4 cylinder	"	25.00

The material used in the construction of a spark coil is most important, and in the manufacture of the Chicago no expense has been spared and only the best used throughout.

Every coil is tested with twice its working voltage before leaving the factory. The windings are of non-absorbent enameled wire. This coil is made on the interchangeable plan, so that parts that are lost or broken can be replaced by new ones.

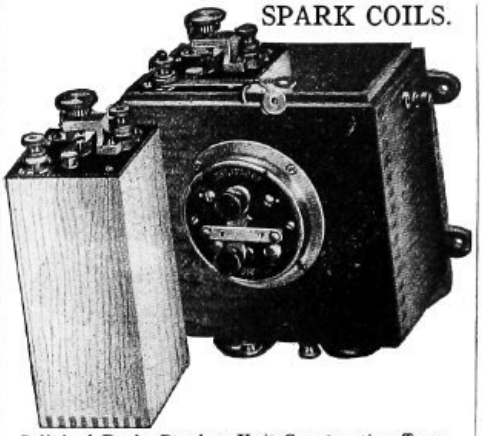
Extra Parts for Chicago Spark Coils.

No. 10—Condenser cartridge	each	$1.00
No. 12—Secondary cartridge	"	2.50
No. 14—Adjustment screw, with iridium platinum contact	each	.80
No. 16—Vibrator spring with iridium platinum contact	each	.90

Splitdorf, Standard Vibrating, 8 in. Long, 4 in. Deep.

No. 641—1 cylinder, $3\frac{3}{4}$ in. wide	each	$10.00
No. 642—2 cylinder, $6\frac{3}{4}$ in. wide	"	20.00
No. 643—3 cylinder, 9 in. wide	"	30.00
No. 644—4 cylinder, 12 in. wide	"	40.00

SPARK COILS.



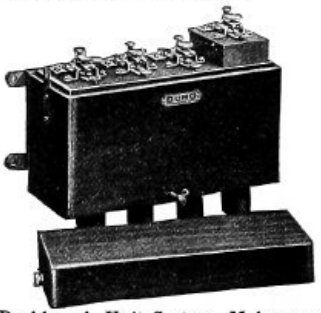
Splitdorf Dash, Peerless Unit Construction Type.

No. 645—1 cylinder	each	$15.00
No. 646—2 cylinder	"	30.00
No. 647—3 cylinder	"	45.00
No. 648—4 cylinder	"	60.00

Unit can be removed instantaneously.

Cut-out switches furnished on all the above coils.

We can furnish all parts for coils.



Duro Dashboard, Unit System, Mahogany Case.

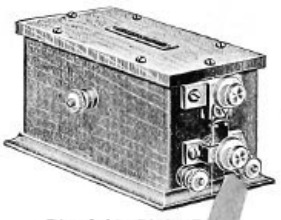
No. D11—For one cylinder engine	each	$11.00
No. D22—For two cylinder engine	"	14.00
No. D44—For four cylinder engine	"	28.00
No. D66—For six cylinder engine	"	42.00

No. D66 made to order only.

This is the first season we have offered the Duro spark coils to our customers, and we feel that they should prove very good sellers.

The design is entirely new and is the result of costly experiments. It utilizes all the lines of magnetic force, and reduces the battery consumption to a minimum.

All that is necessary to remove a unit is to simply slide it out, there are no nuts or connections to remove or disconnect.



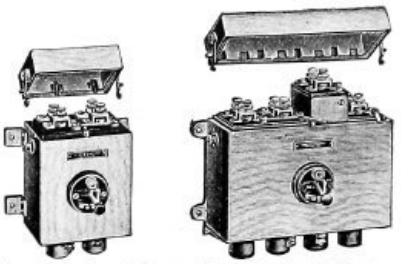
Pittsfield, Plain B

No. 661—1 cylinder	each	$ 9.50
No. 662—2 cylinder	"	19.00
No. 663—3 cylinder	"	28.50
No. 664—4 cylinder	"	38.00
Motorcycle, $2\frac{1}{2}\times8\frac{1}{4}$ in.	"	8.00

The core is made of the best grade of soft iron, carefully annealed.

The vibrator is acknowledged the fastest on the market, and is absolutely positive in its action, making a good electrical connection at every impulse. It is impossible for it to stick and the breadth of adjustment is far ahead of any other. Extra heavy iridio-platinum rivets are used at the break of the condenser circuit.

SPARK COILS.



Two Cylinder Coil. Four Cylinder Coil.

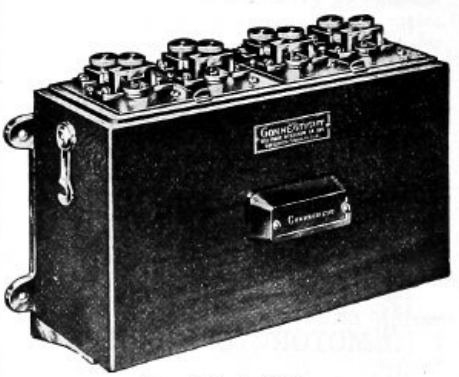
Pittsfield Dash, with Switch.

No. 651—1 cylinder	each	$14.50
No. 652—2 cylinder	"	25.00
No. 654—4 cylinder	"	48.00
No. 656—6 cylinder	"	72.00
Units, extra	"	11.00

Two Cylinder Coil.

Connecticut Dash.

No. 627—1 cylinder	each	$13.50
No. 628—2 cylinder	"	25.00
No. 629—3 cylinder	"	37.50



Four Cylinder Coil.

Connecticut Dash.

No. 630—4 cylinder	each	$50.00
No. 631—6 cylinder	"	75.00
Units, extra	"	12.00

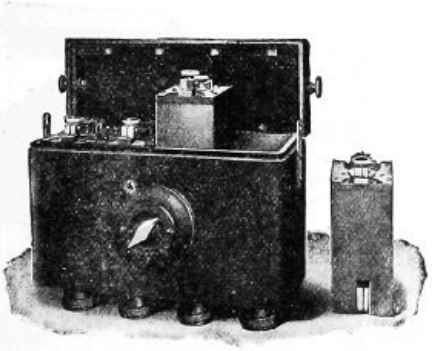
Are constructed upon the unit system, viz., each coil is individual and in no way connected with its neighbor. They are placed in cases, one unit for each cylinder of your engine.

In case of trouble the defective unit can be replaced in 20 seconds and without stopping your engine.

Vibrator is of the simplest form known and is constructed so as to give the most rapid vibrations which in turn produce the hottest spark. The contact points are made of the finest grade of iridio platinum, the best and most expensive material obtainable for this purpose, and are sufficiently large to last for at least five years without renewal, provided the coil has proper care.

SPARK COILS, IGNITERS, DRY BATTERIES, ETC.

SPARK COILS.



Heinze Dash, Interchangeable Unit, Rosette Switches.

No. 40—1 cylinder	each	$12.00
No. 36—2 cylinder	"	18.00
No. 35—4 cylinder	"	36.00
No. 34—6 cylinder	"	52.00
No. 57—Units	"	7.00

Extensive experiments have demonstrated that at the highest point of compression in the cylinder a great number of sparks should be produced by the coil instantly in order to insure complete ignition resulting by the intense heat which would be produced by a great many sparks in rapid succession, the object being to give the piston no possible chance whatever to move forward, and thereby letting down the compression and with the possibility of producing ignition after the compression has been somewhat reduced and thereby reducing the efficiency of the engine.

In order to produce such a hot spark of great frequency, it was necessary to have the vibrating arm at all times make a firm contact and at the same time the vibrating arm should be very light or of a very small mass and its fulcrum of vibration should be very short in order to produce speed in the vibrating arm.

In order to produce a coil which should give a great many vibrations per second, it was necessary to intensify the magnetic field. This was accomplished by means of the radiating magnetic arms, which produce about five times as much magnetism as is generally produced by the magnetic core alone, and by this addition of the radiating arms, the vibrating arm or armature was attached to a very stiff spring enabling it to vibrate at such a high speed so that the coil will produce a hotter spark than any other coil on the market.

MOTORCYCLE COILS.

Splitdorf.

Long,	10 ×2½ in	each	$9.00
Short,	6½×3 in	"	9.00

These coils are encased in fiber and hard rubber, and are pronounced by experts the most economical coils made.

All the leading manufacturers year after year use these coils, and they are looked upon by a great many people as the trade mark of quality of a motorcycle when intending to purchase.

IGNITERS.

No. C10—CHICAGO IRON CLAD, made in one size only as it will ignite any engine large or small.....each $3.00

This class of coil is often used where the engine is exposed to the weather and where dampness is likely to be encountered. This style of coil will stand the roughest handling and cannot be damaged by being submerged in water, as the coil is entirely surrounded by a water-proof compound, but not so as to prevent it being removed from its iron armor should it ever be necessary to replace a coil.

The Combat.

No. M625—6 volts, 25 amp. hours, size 9½×4¾×6⅜ in.....each $14.00
No. S660—6 volts, 60 amp. hours, size 9½×4¾×7¾ in.....each 17.50
No. P680—6 volts, 80 amp. hours, size 9½×4¾×9 in.....each 22.50

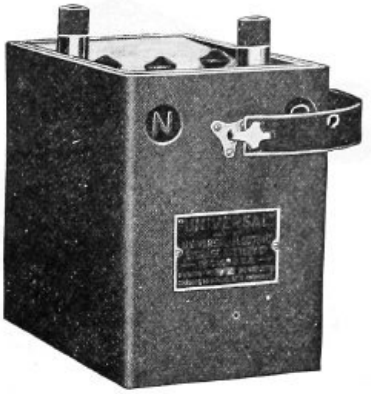
The Combat igniter shows by actual test 25% to 75% more power than other ignition or sparking batteries. Marking a battery 6 volt 60 ampere hours does not make it so.

The handle is heavy japanned steel, detachable, lasts longer and withstands action of the electrolyte.

The terminal connection is the most ingenious and strongest, and corrosion at binding posts is impossible. (See cut.)

The grease cup attachment absolutely prevents electrolysis. This non-corrosive connection alone marks the greatest advancement made in the manufacture of portable storage batteries for the past ten years.

IGNITION BATTERIES.



Universal.

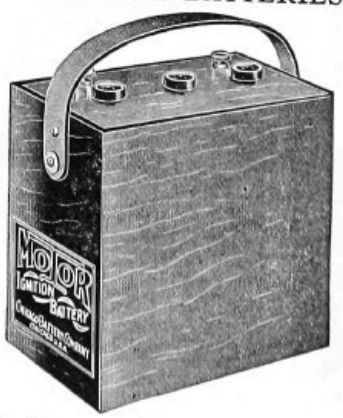
No. 064—6 volts, 40 amp. hours, size 5¾×8×7¾ in.....each $18.00
No. 066—6 volts, 60 amp. hours, size 5¾×9⅝×8¼ in.....each 21.00

These batteries are especially designed to meet the increasing demand for a substantial and powerful source of ignition.

	SIZE.	VOLTAGE.	CAPACITY.	EACH.
No. 812	9½×3⅞×9 in.	4	60 A. H.	$14.00
No. 813	9½×5⅜×9 in.	6	60 A. H.	21.00
No. 814	9½×7 ×9 in.	8	60 A. H.	28.00

This battery is made with great care, securely packed in hard wood. There is no free acid to run out or spill.

STORAGE BATTERIES.



No. D—MOTOR, hardwood case, with handle, cheaper than any other reliable dry battery made, 6 volts, size 9¼×5⅝×9⅜ in.....each $18.00

BATTERIES, MAGNETOS AND SPARK PLUGS.

STORAGE BATTERIES.

Duro, for Ignition and Lighting of Motor Cars and Boats.

1909 Standard Sizes.

	SIZE.	VOLTAGE.	CAPACITY.	EACH.
No. 46	9⅛×5⅞×8¼ in.	6	40 A. H.	$23.00
No. 66	9⅛×5⅛×9⅜ in.	6	60 A. H.	27.00
No. 86	10½×5⅞×9⅜ in.	6	80 A. H.	30.00
No. 106	12½×5⅞×9⅜ in.	6	100 A. H.	40.00
No. 68	11⅝×5⅛×9⅜ in.	8	60 A. H.	35.00

Special sizes made to order only.

For single cylinder motors (jump spark), use No. 46; four-cylinder engines, Nos. 66 or 86. For lighting use No. 106. Make and break—No. 68 with primary coil. For magneto results and high speed motors install No. 68 and adjust coil springs loosely.

Charging Outfit.

No. B—110 volts .....each $4.50

On the average coil, automobiles will obtain the following mileage per charge of battery:

Size of Battery:	One Cylinder Miles	Two Cylinder Miles	Four Cylinder Miles
40 Ampere hour.	2,000	1,500	1,000
70 Ampere hour.	2,600	2,000	1,800

These are not guesses or estimates, but actual results obtained from the use of Duro Batteries for three years.

Mileage will vary with coil, timer, roads, speed etc.

DRY BATTERIES.

No. 700G "Rev-o-noc"—1½ volts, 2½×6 in., 15 to 18 amperes, for use with telephones, gas engines, automobiles and wherever intermittent service of the highest efficiency is needed, w't 2 lbs.....each $0.50

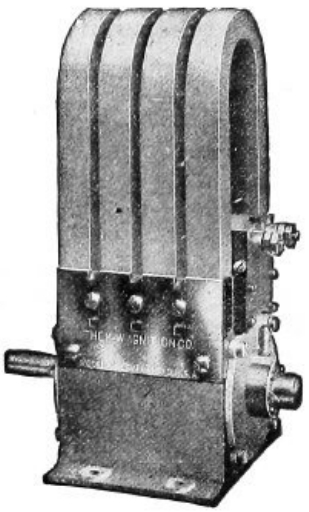
ONE HUNDRED AND TWENTY-FIVE IN A BARREL.

No. 160JG—EVER READY, style "J," 2½×6 in., 1⅙ volts, 22 to 25 amperes, for use on automobiles, gas and gasoline engines, motor cycles, telephone work, etc., w't 2½ lbs.....each $0.60

No. 170KG—EVER READY, style "K," 3×7 in., 1⅙ volts, 27 to 30 amperes, for use on automobiles, gas and gasoline engines, motor cycles, etc. w't 3¾ lbs., each 1.20

NO. 160JG, ONE HUNDRED AND TWENTY-FIVE; NO. 170KG, SEVENTY-FIVE IN A BARREL.

K-W MAGNETOS.

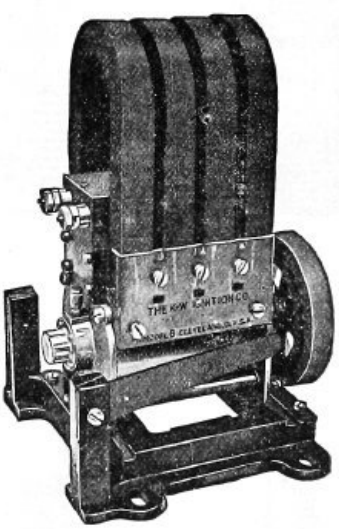


Belt or Gear Drive.

No. A —For jump spark, with 2½, 3½, or 4½ in. diameter belt pulley, base 4×5 in., around magnets, 4×3½ in., height 10½ in., shaft ½ in., from bottom of base to center of shaft 1⅞ in.....each $35.00

No. A M—For "Make and break," must be gear driven at engine speed and no coil is needed, sizes and dimensions same as No. A. except with ⅝ in. shaft. each..... 35.00

The oil cups can be mounted for running in an inverted position, if so ordered.



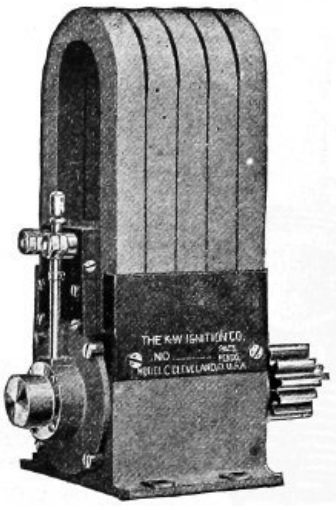
Friction Drive.

No. B—For jump spark only, with 3, 4 or 5 in. friction wheel, base 6½×7 in., around magnets 4×3½ in., height 11 in.....each $35.00

This is the magneto that made the name K-W famous and a standard for good ignition. Has wide friction wheel of first-class sole leather and will not slip. Will start the engine easily without batteries.

Mount the Magneto so that the flat spring presses the friction wheel of the Magneto securely against the fly wheel of the engine. The flat spring can be mounted on either standard so that it can be applied on either side of the flywheel. It will run equally well in either direction.

K-W MAGNETOS.



For Belt or Gear Drive.

No. C—For jump spark, speed 2½ or 3 times as fast as the engine, base 4×5 in., around magnets 4×3½ in., height 10½ in., shaft ⅝ in., from bottom of base to center of shaft 1⅞ in....each $45.00

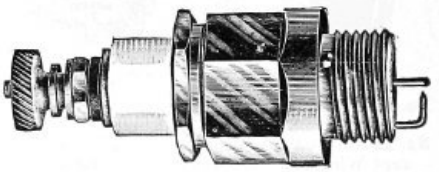
No. C M—For "Make and break," must be gear driven at engine speed and no coil is needed, sizes and dimensions same as No. C.....each 45.00

No. C is intended for heavy duty and will start the largest engines easily without batteries.

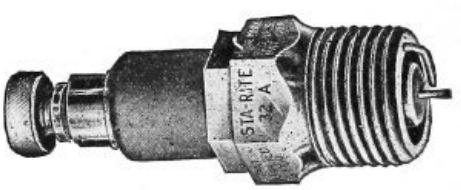
This is a five-magnet machine and can be run at a much lower speed than No. A. It has amply large ball bearings and convenient oilers. Its construction and general principles are the same as No. A.

No. C-M must be gear driven at engine speed and no coil is needed. Starts the heaviest engine easily, and gives more power with less fuel because it gives a hotter spark. The best thing made for make and break spark. Construction and dimensions same as No. C, except that a different winding is used.

SPARK PLUGS.



No. 5—Lower threaded part polished steel, other metal parts polished brass, porcelain, ½ in. gas pipe thread..each $0.90



No. 32A—STA-RITE, mica, lower threaded part polished steel, balance polished brass, 2 point, ½ in. gas pipe thread.....each $1.50

SPARK PLUGS.

No. 55.

No. 4A.

No. 55—STA-RITE, Gotham, ½ in..each $1.00
No. 4A—STA-RITE, Separable, ½ in.. " 1.25

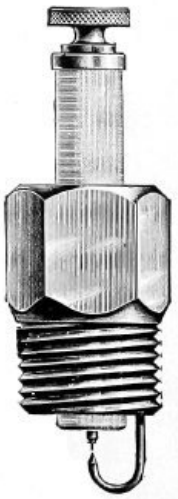
No. 21.

Nos. 23 and 24.

No. 21—DEMUN'S, solid mica, ½ in. standard.....each $1.50
No. 23—MEZGER, soot-proof, all sizes except Winton.....each 1.00
No. 24—MEZGER, soot-proof, Winton extension.....each 1.50
Porcelains for No. 24, extra..... " .30
Sparking Rods for Nos.23 and 24, extra " .10

Never-Miss.

No. 8N—Porcelain ½ in. standard..each $1.00
No. 8A—Mica Metric..... " 1.00
No. 8B—⅞-18 thread..... " 1.00
Porcelains for No. 2, extra..... " .30

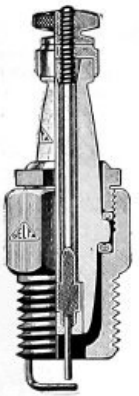


No. 35.

No. 31.

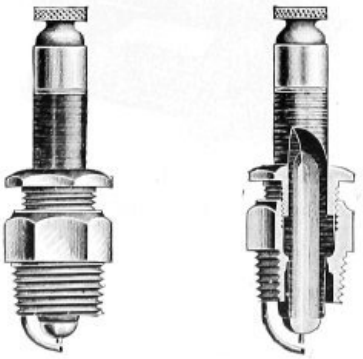
No. 35 —A. B. C. porcelain, ½ in. standard.....each $1.00
No. 31 —TIP TOP, robust style, full brass, porcelain, ½ in. standard, each 1.00
No. 31½—TIP TOP, Metric, porcelain, robust style, full brass.....each 1.00

No. 33.



No. 34.

No. 33—STERLING, porcelain, ½ in. standard.....each $1.50
No. 34—DELTA, porcelain, ½ in. standard.....each 1.50

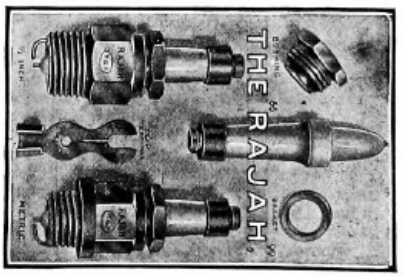


Dow, Mica, Double Insulation.

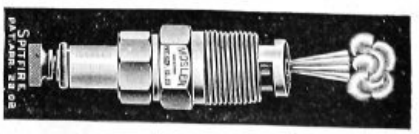
No. 7 —½ in. Metric and autocar...each $1.50
No. 2D—WINTON..... " 2.00
Insulators for Nos. 7 and 8, extra.... " .75

No. 16. No. 16½.

No. 16 —SOOTLESS, open end.....each $1.75
No. 16½—SOOTLESS, closed end..... " 1.75
This plug is especially adapted for use in air-cooled marine and automobile engines that use a large amount of lubricating oil.



No. 17—RAJAH, highest grade, imported hard fire porcelain, ½ in. standard, ½ in. long, ½ in. Columbia, Autocar, Metric.....each $2.00
Porcelains for No. 17, extra..... " .50
Gaskets, extra..... " .10
Bushings, extra..... " .20
Rajah Clip Terminal with post for use with any spark plug, extra.....each .15
Highest grade imported hard fire porcelain of special pattern, securely packed, which ensures against firing through.
Rajah clip terminals are furnished separately with post for attaching to spark plugs of any design or make.
When ordering, state clearly the name of your car and the thread required on spark plug.



Mosler Spit Fire.

No. 9—⅜ in. pipe thread.....each $1.50
No. 10—½ in. pipe thread, short.... " 1.50
No. 11—½ in. pipe thread, long..... " 1.50
No. 12—Metric, 18 mm..... " 1.50
No. 13—Panhard, Packard, Metric, with large shoulder.....each 2.00
No. 14—Autocar..... " 2.00
No. 15—Knox..... " 2.00

SPARK PLUGS AND CARBURETERS.

SPARK PLUGS.

A plug that will spark in water will spark under any conditions found in a gasoline engine cylinder, for soot, oil, carbon or their combination, cannot be compared with water as a short circuiting medium. Facts and actual tests prove this.

Do not have to be removed from the cylinder, as they positively require no cleaning.

Are adapted for use in both air and water cooled motors.

A reliance clip terminal is furnished with each plug.

Reliance, "Sparks in Water," Porcelain.

No. 1—½ in. standard .....each $1.50
No. 3—Metric ..... " 1.50
No. 6—⅞ in., 18 thread..... ..... " 1.50
⅞ in. 18 thread is also known as A. L. A. M.

SPARK PLUG BUSHINGS.

No. 25—Threaded with metric thread inside, standard ½ in. outside....each $0.15
This little appliance makes it possible to use any high grade French spark plug on any machines.

CADILLAC CORES.

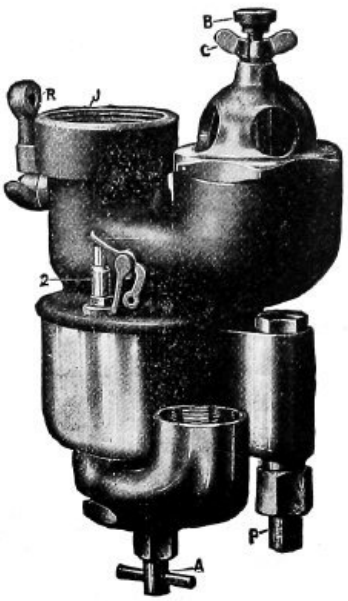
No. 26.....each $0.75

SPARK PLUG BRUSHES.

No. 5G—Presco, wire bristles, hair tuft, 2 tempered thin flat steels.....each $0.25

A very handy article to clean your spark plugs. Has strong wire for grease and dirt, bristle hair for finer parts and two tempered thin flat steels with which to reach inaccessible parts.

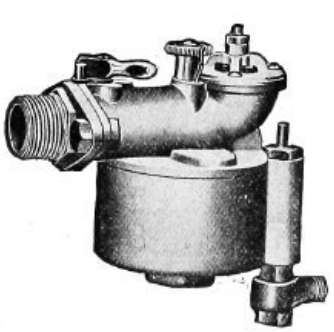
CARBURETERS.



Showing Horizontal Type.
Kingston.

		REGULAR.	WITH WARM AIR CONNECTION.
No. 50—	¾ in. motor cycle size, each.....	$12.50	
No. 51—	¾ in. pipe size...each	12.50	15.00
No. 52—	1 in. pipe size .. "	15.00	17.50
No. 53—	1¼ in. pipe size... "	16.25	18.75
No. 54—	1½ in. pipe size... "	17.50	20.00
No. 55—	2 in. pipe size... "	25.00	30.00
No. 56—	2½ in. pipe size... "	37.50	42.50
No. 57—	3 in. pipe size... "	50.00	55.00

This carbureter may be furnished with either horizontal or vertical outlets in all sizes, except the 2½ and 3-inch, which are made horizontal only.

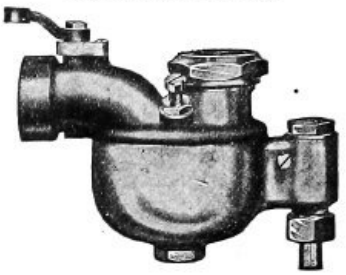


Breeze Automatic.

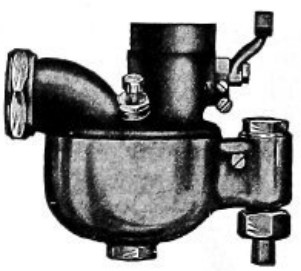
No. 67— ¾ in. pipe size.....each $12.00
No. 68—1 in. pipe size..... " 18.00
No. 69—1¼ in. pipe size..... " 20.00
No. 70—1½ in. pipe size..... " 30.00
No. 71—2 in. pipe size..... " 40.00

Two important features, the non-fluttering auxiliary air valve and the starting device are both new. These are exclusive advantages only found on these carbureters. The No. 67 is especially adapted for motor cycle use.

CARBURETERS.



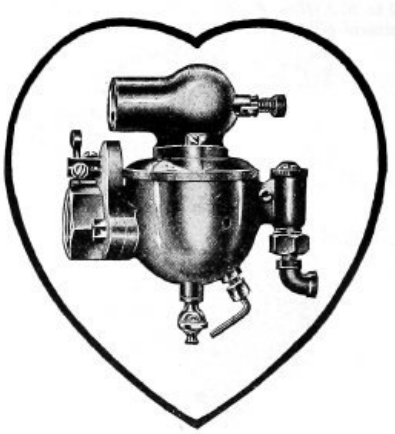
Side Outlet.



Top Outlet.
The Holley.

No. 63—3½ in. to 3¾ in. bore motor, use ¾ in. carbureter.....each $11.00
No. 64—3¾ in. to 4¼ in. bore motor, use 1 in. carbureter.....each 12.00
No. 65—4½ in. to 5 in. bore motor, use 1¼ in. carbureter.....each 13.00
No. 66—5 in. to 5½ in. bore motor, use 1½ in. carbureter.....each 16.00

Points of superiority as follows: No moving parts in the mixing chamber. Therefore, impossible to get out of adjustment. Absolute uniformity. Much lower speeds than any other type Greater flexibility. No flooding. No resistance in mixing chamber. More horsepower.



Schebler, Model "D" Standard, for Automobiles.

No. 80—1 in. pipe size.....each $16.00
No. 81—1¼ in. pipe size..... " 17.00
No. 82—1½ in. pipe size..... " 22.00
No. 83—2 in. pipe size..... ... " 44.00

Model "H", for Motor Cycles.

No. 91— ¾ in. pipe size.....each $15.00
No. 92—1 in. pipe size..... " 16.00

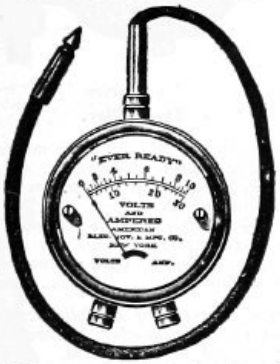
Made of brass. The bowl design combines compactness with practicability. The float is made of cork, heavily shellaced.

AMMETERS, SWITCHES AND TIMERS.

AMMETERS.

No. 1G—2½ in., nickel plated.....each $4.00
The most accurate pocket size instrument on the market. It is a practically dead-beat meter, as there is very little oscillation, and the reading is shown almost instantly. Can be applied to either binding post of the battery, as it indicates in either direction of current.

VOLT-AMMETERS.



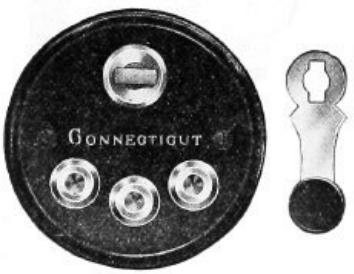
No. 8G—2 in., combination, hand calibrated, accurate.....each $5.00
This is the most efficient and convenient meter on the market. Has two scales, the top reading in volts 0 to 10, and the lower reading in amperes, 0 to 30. Has flexible contact for reading across several cells. Nickel plated vest pocket size.

Connecticut.

No. 11—Combination volt ammeter, 30 amps., 6 volts.....each $5.00
No. 12—Combination volt ammeter, 30 amps., 15 volts.....each 6.00
No. 13—Ammeter, 30 amps.....“ 3.50
No. 14—Voltmeter, 3 volts, 1-10 divisions.....each 3.50
No. 16—Voltmeter, 8 volts.....“ 3.50
No. 17—Voltmeter, 15 volts.....“ 4.00
This instrument is designed to show the exact conditions of your batteries, accurate and handy to carry, furnished with a snap lock hand sewed leather case.

SWITCHES.

No. 27—SPLITDORF.....each $0.90
Plug only, for the above.....“ .10
One of the best switches made, perfect in every detail, removable plug.



Removable Lever.

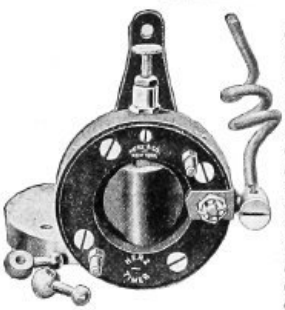
No. 25—CONNECTICUT, type L.....each $1.00
The above switches are of the lock type with a removable lever, and are made of a special grade of spring bronze, ensuring positive contacts.
The back edge is fitted with a soft rubber gasket so that water cannot run down in back and cause a partial short circuit. Arranged to throw in either set of batteries.

This switch is of the combination lever and plug type and is constructed for two batteries or for one battery and magneto or dynamo, either of which may be used singly but not together, removable plug.

No. 26—KINGSTON, with insulated lever knob, each.....$1.20

No. 30—CONNECTICUT, type P, removable plug switch.....each $1.00
This switch is the acme of perfection in plug switches and is made so that rain water cannot run or drive into the sockets. A soft rubber gasket mounted in the back makes it absolutely watertight. In our regular stock type the center hole is used as a holder for the plug when not in use.

TIMERS.



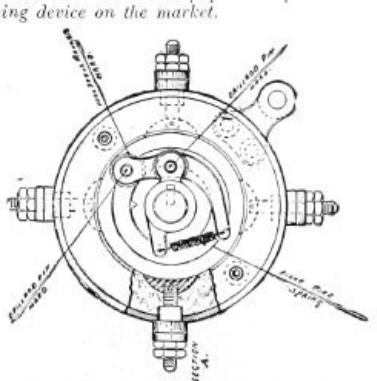
The contacts of the Herz timer are forged out of Sheffield tool steel, there is no vibration at high speed causing irregularity of ignition. Works with any coil, with or without a vibrator and has an air tight dust proof cover. Made to fit any motor.

The Herz.

1 cylinder.....each $ 9.00
2 cylinder, 180° or 90°.....“ 11.00
4 cylinder.....“ 15.00
6 cylinder.....“ 18.00
Ford-Timer.....“ 14.50

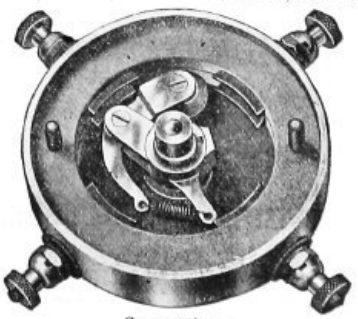
The Guenet.

1 cylinder.....each $ 9.00
2 cylinder.....“ 10.00
4 cylinder.....“ 12.00
The Guenet is the most popular imported French timing device on the market.



“The Milwaukee,” Self-Adjusting Roller.

1 cylinder.....each $ 7.00
2 cylinder.....“ 7.50
4 cylinder.....“ 8.00
6 cylinder.....“ 10.00
This timer is self-adjustable, dustproof and lathe finished throughout.
The main case and cover are cast in nickel aluminum. The waterproof fibre ring is pressed into the case chamber and fastened in place. It has half round pockets milled in it for the pressed-in contact inlets. The stud of each contact inlet is insulated from the case with a fibre ring, fastened in position with a round, slotted, lock nut.



Connecticut.

1 cylinder.....each $7.00
2 cylinder.....“ 7.50
4 cylinder.....“ 8.50
6 cylinder.....“ 9.50
The Connecticut timer is in dust-proof casing, the shaft carrying the contact wheel holder is ball bearing and adjustable from the outside. When ordering, mention size of shaft, whether ½ or ⅝ inch.

CABLES, CONNECTIONS, TERMINALS, ETC.

PIRELLI IGNITION CABLE.

Rubber Covered, Primary.

No. 154—5 mm	per ft.	$0.10
No. 174—7 mm	"	.12

Rubber Covered, Secondary.

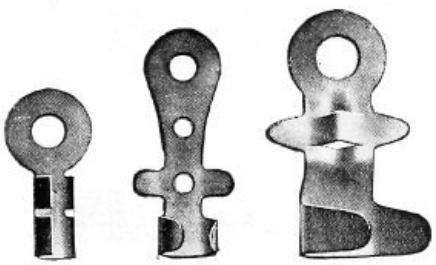
No. 194—10 mm	per ft.	$0.20
No. 214— 9 mm	"	.20
No. 234—12 mm	"	.25

Canvas Covered, Secondary.

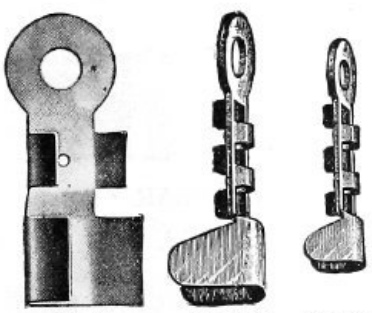
No. 154 bis— 7 mm	per ft.	$0.12
No. 194 bis—11 mm	"	.25
No. 214 bis—11 mm	"	.25
No. 234 bis—15 mm	"	.30

Pirelli ignition cable is made by one of the largest and oldest rubber companies in the world, Pirelli & Co., Milan, Italy. Several thousand workmen are employed in the manufacture of ignition wire for submarine use, automobile work and electrical purposes. It is impossible to procure higher grade materials. The quantity and different grades of rubber used together with the fine drawn tinned copper wire makes it an ideal conductor of electrical energy. The rubber cable is so flexible that it can be wound around the finger without breaking either the wires or the rubber insulation. Used by all the prominent manufacturers in Europe and America.

ELECTRIC TERMINALS.



No. 1. No. 2. No. 3.



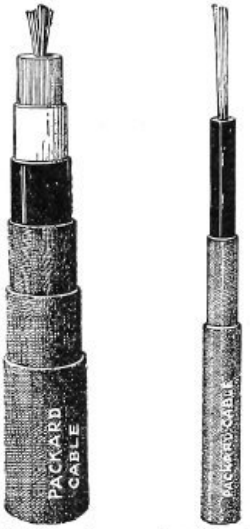
No. 4 No. 222 No. 221

No. 1—Copper	per 100	$0.75
No. 2—Copper	"	.85
No. 3—Copper	"	1.60
No. 4—Copper	"	1.75
No. 221—Brass	"	1.50
No. 222—Brass	"	1.60

No. 500 Assortment—Consisting of 100 each, Nos. 1, 2, 3 and 4 copper terminals and 100 battery terminal connections, per assortment. $6.00

ONE ASSORTMENT IN A BOX.

PACKARD AUTOMOBILE COMBINATION CABLE.



High Tension. Low Tension.

Packard High Tension, forty strands, 3 insulations of high grade ribbon, protected by three guards and four coats of special enamel.

No. 4 ..... per foot $0.25

Is very flexible and almost impossible to short circuit.

Packard Low Tension; core same as the high tension; one covering of rubber and two braids; and coat of enamel.

No. 5—Single strand	per foot	$0.12
No. 6—Two strands	"	.25
No. 7—Four strands	"	.50

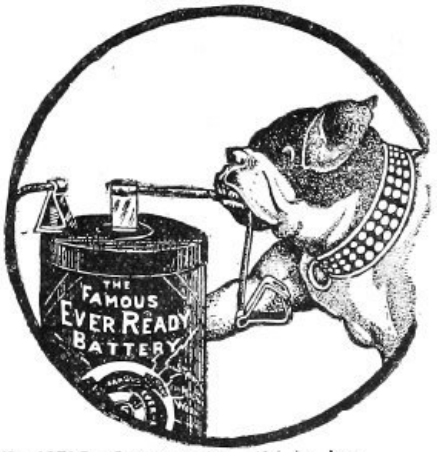
SIMPLEX AUTOMOBILE CABLE.

Rubber covered, water proof insulation, saturated, cambric tapes over rubber, making it impervious to oil varnished braids, insuring a tough and lasting exterior high voltage resistance.

No. 8—Primary	per foot	$0.10
No. 9—Secondary	"	.20
No. 1—Primary wire (14 strands), black, per foot		.05
No. 2—Secondary wire (27 strands), black, per foot		.08
No. 3—Secondary wire (high tension 39 strands), black	per foot	.12

There is nothing better on the market for automobile use or stationary work.

BULLDOG BATTERY CONNECTORS.



No. 1071G—Copper grips, 4½ in. long, per dozen $0.90

Is easily attached and will not come loose.

TERMINAL CONNECTIONS.

	PER DOZEN.	PER 100.
No. 1072G—Length 5 in	$0.30	2.50

These are very useful and handy; they consist of two wire terminals attached to either end of a plaited silk covered wire cable; soldered at both ends.

CABLE TERMINALS.

No. 1073G—HERZ'S, detachable, per dozen $1.20

This device, which has scored an unprecedented success both here and abroad, does away with all the trouble resulting from improper wiring, and at the same time affords the enormous advantage of making the best possible contact, or making disconnection in one second.

No soldering. Quick detachment.

VALVE GRINDING SETS.

No. 10—BROWN, a compact, light, mechanical valve grinder and lifter, a valuable tool for every factory, garage and private owner, complete. ...per set $6.50

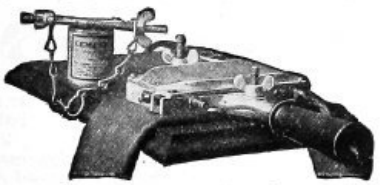
For seating valves.

VALVE GRINDING MATERIAL.

No. 35G—RAPIDCUT, used in connection with valve grinding machines. per can $0.25

VULCANIZERS, GAS TANKS, FLASHLIGHTS, ETC.

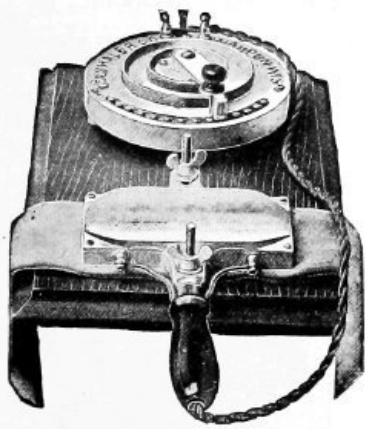
ELECTRIC VULCANIZERS.



Shaler, Portable, Type D.

No. 81—Iron model .....each $12.50
No. 82—Aluminum model ..... " 15.00

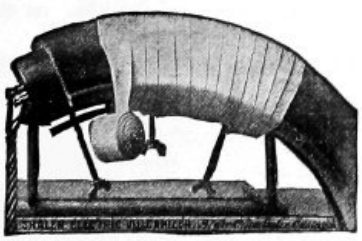
Works on alternating current only, is designed to supply a machine at a price less than Type B and retains its general shape and characteristics with the exception that thermostatic heat control is substituted for the rheostat.



Shaler, Portable, for Repairing Inner Tubes, Type B.

No. 51—Iron model .....each $20.00
No. 61—Aluminum model ..... " 25.00

Works on alternating or direct current, and has a rheostat which gives absolute heat control. It will repair in 15 minutes a cut of any size on a tube, making tube as good as new; it will repair a cut in casing without removing tire from wheel or wheel from car, thus preventing "Sand pockets" and "Blow-outs." Costs one-half cent per hour to operate and requires no experience.



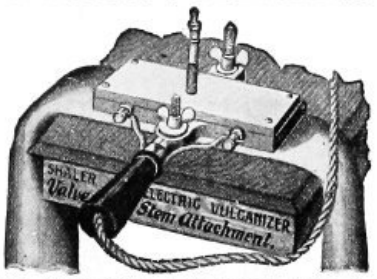
Shaler, Exclusively for Outer Casings, Type C.

No. 71—Iron model .....each $20.00

Works on alternating current only and has thermostatic heat control.

Will mend any blow-out or tear in outer casing that is practical to mend on any size tire 2½ to 5 inches. Vulcanizer is 14 inches long and applies the heat directly to inside of tire where repair should be made; will strengthen all weak spots in the canvas, renew the canvas, or reline entire tire. Type B or D should be used with type C to cut down time of operation one-half. Indispensable for a garage.

ELECTRIC VULCANIZERS.



Shaler, Valve Stem Attachment, Type B. V. for Repairing Valve Stems.

No. 52—Iron model .....each $ 8.50
No. 62—Aluminum model ..... " 10.00

Type BV, as special form iron for vulcanizing valve stems on inner tubes which is interchangeable with regular form iron supplied with Type B machine.

VULCANIZING SUBSTITUTES.

M. and M. Acid Cure Solution, for Repair Tubes, Tires and Any Article Made of Rubber.

No. 10—Containing ½ pint each of cement and acid cure.....per can $1.00
No. 11—Containing 1 pint each of cement and acid cure.....per can 1.50
No. 12—Containing 1 quart each of cement and acid cure.....per can 2.75

This combination is used for repairing automobile tubes and tires and any article made of rubber. It makes the repair permanent, as it produces the same effect as vulcanization instantly. The acid cures the cement to the rubber or part to be repaired, which makes it one solid piece of rubber and impossible to separate without tearing.

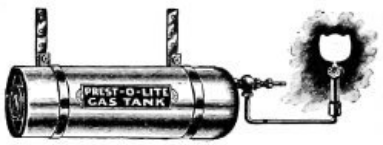
M. and M. Automobile Repair Kit, for Repairing Tire Tubes, etc.

No. 20—Outfit consists of ¼ pt. m. & m. cement, ¼ pt. acid cure solution, 1 cement brush, 1 acid brush and emery cloth, neatly packed in slide cover box, complete outfit.....each $1.00

VULCANIZING OUTFITS.

No. 15—Consisting of ¼ pt. cement, ¼ pt. vulcanizing solution, 2 brushes, in neat box, complete outfit.....each $1.00
For repairing inner tubes.

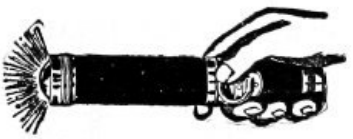
AUTOMOBILE GAS TANKS.



Prest-O-Lite, Seamless Steel, Copper Plated, with Bands or Straps to Fasten to Car.

No. 1—6×20 in., small, capacity 40 cubic feet of gas.....each $25.00
No. 2—22×7¼ in., large, capacity 70 cubic feet of gas.....each 35.00

"EVER READY" ELECTRIC FLASHLIGHTS.



No. 1G—8½×1½ in., leatherette cover, nickel trimmings, w't 20 oz.....each $1.50

No. 14½G—8½×1½ in., fibre cover, nickel trimmings, large lens, highly polished reflector, w't 22 oz.....each $2.75

No. 25G—3½×2¾×1 in. fibre case, nickel trimmings, w't 8 oz. each..... $1.25

REGULAR BULBS.

No. 118G.

No. 110G.

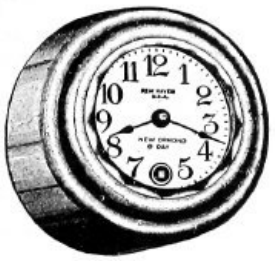
No. 118G—3½ volts, for No. 25G flashlights.....each $0.35
No. 110G—3½ volts, for Nos. 1G and 14½G flashlights.....each .35

FLASHLIGHT BATTERIES.

No. 10G—7×1⅜ in., tubular, for Nos. 1G, and 14½G flashlights, w't 10 oz..each $0.30
No. 180G—3¼ ×2½ in., rectangular, for No. 25G flashlights.....each .30

AUTOMOBILE SUNDRIES.

AUTO CLOCKS.



No. 12G—NEW ORMAND, 3 in. porcelain dial, heavy brass dust proof case, large black distinct numerals, runs 8 days with one winding, height 4 in., width 4 in., w't 2 lbs. ..... each $8.00

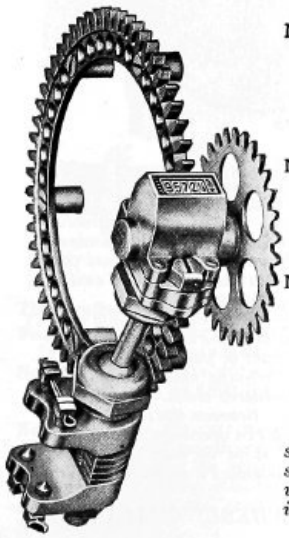
No. 11G—SAVANNAH, 3 in. porcelain dial, heavy brass case, so constructed that no keys or levers are on any part of the front or side of the case, large black distinct figures, runs 8 days with one winding, height 4½ in., width 4⅛ in., w't 2¼ lbs. ..... each $9.00

To wind the above clocks, the water-tight bezel is unscrewed and when replaced the case is free from keys or levers, giving the clock an absolutely plain, smooth surface.

When a car is in motion, it will not affect these clocks, as they are made to withstand the shocks and jars to which they are subjected.

ONE IN A BOX.

ODOMETERS.



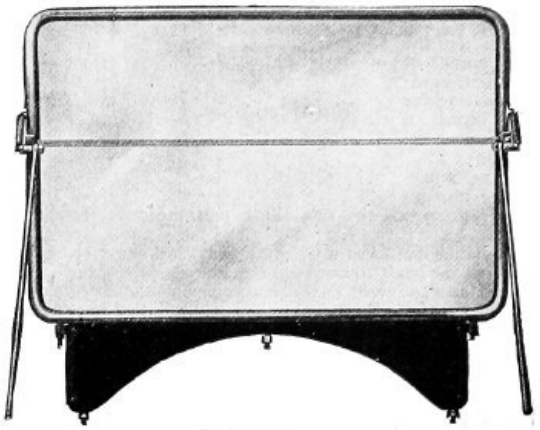
No. 17 —VEEDER, regular for horse drawn vehicles, and very light automobile runabouts, w't 7½ oz., each $3.50

No. 18A—VEEDER, with star wheel and striker instead of spur gear, w't 10 oz., each $7.00

No. 18B —VEEDER, with spur gear, absolutely dust and waterproof, for high speed automobiles, w't 10 oz. each $10.00

When ordering, be sure to specify the size of wheel for which the odometer is wanted.

FOLDING WIND SHIELDS.



Automatic.

No. 10—40 in. wide ..... each $35.00
No. 11—44 in. wide ..... " 37.50

Filling in pieces extra according to model of the car.

This Wind Shield is now the most popular in the market. It is the only folding wind shield that is automatically opened or closed, or that can be operated by the driver with one hand without stopping the car.

There are no bolts or nuts to adjust—taking down or putting up is all done by a double spring action—patented.

This is a tempered phosphor bronze spring which absolutely prevents the rattling of the glass. No other wind shield has this "anti-rattle" device.

The Automatic Wind Shield is made entirely of brass and plate glass, and makes a very attractive addition to any car. The frame is special shape brass tubing thereby reducing weight to the minimum. The supporting bars telescope into each other, making it possible to lengthen or shorten them without sawing off the ends.

Perfect.

No. 5—For runabouts, 39 in. wide, 31 in. high ..... each $25.00
No. 6—For touring cars, 43 in. wide, 35 in. high ..... each 25.00

Solid mahogany frame, brass bound edges, cherry finish, two pieces. French plate glass, polished brass trimmings throughout.

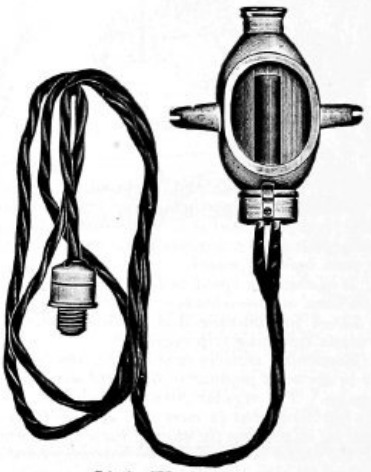
The catch is novel and positive, shield can be lowered or raised by the driver while the car is in motion. Simple in construction, and will not rattle.

TOP RESTS.

No. 25—HENDERSON, 10 in. long, made of ⅛ in. cold rolled steel, heavily enameled in black, lined with high grade soft black felt ..... per pair $2.50

Appliable to either carriages or automobiles, will catch the top when in a folded position. Prevents the bows of the top when folded up from bending or breaking, also from jarring and rocking sidewise.

VULCANIZERS.



Little Wonder.

No. 1—Regular iron outfit, any size, complete ..... each $ 6.00
No. 2—Regular aluminum outfit, any size, complete ..... each 7.00
No. 3—Electric heater outfit, iron, complete ..... each 11.00
No. 4—Electric heater outfit, aluminum, complete ..... each 12.00

Gives no smoke, no trouble, but does give perfect control. Can be used on any 110 volt lamp socket, direct or alternating current. Complete with attaching plug, and equipped with the Hubbell detachable plug and new code lamp cord.

INNER TUBE BRACKETS.

Little Wonder.

No. 5—Inner tube bracket and flat surface plate, iron ..... each $2.00
No. 6—Inner tube bracket and flat surface plate, aluminum ..... each 2.50

Parts For the Above.

Little Wonder Cement ..... per can $0.25
Para Rubber, 80 gauge ..... per foot 2.00
Para Rubber, 40 gauge ..... " 1.25
Vapor Lamp Heaters ..... each .50
Thermometers ..... " 1.00
Electric Heater, complete ..... " 5.00
Single Friction Canvas ..... per foot .50
Double Friction Canvas ..... " .75

STEWART SPEEDOMETERS.

Stewart Speedometers are recognized the world over as the standard in speedometer construction. They combine features of workmanship, material, construction, equipment and performnace that have never been equaled by any speed indicator at any price.

Other features that make Stewart speedometers superior to all others are indisputable accuracy, the non-vibrating, non-fluctuating pointer, the evenly spaced scale, instantaneous indication of every change of speed.

Equipment.—All models, irrespective of price, have the same high quality equipment of flexible shaft, swivel joint and gears, features responsible for the elimination of all shaft troubles.

The Swivel Joint.

The core in the Stewart Flexible Shaft consists of a number of file-hard units, hooked together into a chain which revolves in a tube formed by coiling a flat, hard-ened and tempered steel ribbon, the inside surface of which presents a hard, smooth, cylindrical bearing for the core, the whole enclosed with a protecting and orna-mental casing of brass. This construction insures a shaft that has sufficient stiffness to absolutely prevent short bends—by far the costliest construction used by any speedometer manufacturer, but absolutely certain to give the longest service and the least trouble.

The Stewart Swivel Joint.—Of all the refine-ments and improvements in speedometer construction, there is probably no one feature that has brought speedometers nearer the ideal than the unique Stewart swivel joint, conceded to be the greatest advancement—the one thing most needed. It makes perfect what was granted to be the weakest point in the equipment of a speed indicator.

Before the advent of this swivel, the flexible shaft was usually carried down the dash and then bent at a right angle, passing through the springs to the front right wheel. The sharp bend caused the shaft to crystallize and break, or the car, jolting over rough ground, would compress the springs and crush the shaft. The Stewart swivel joint obviates the right angle bend, allowing the shaft to be carried directly from steering arm clamp to the dash along the frame of the car without passing through the springs—a method still followed in some other constructions.

This small, compact, internally locked swivel is not to be confounded with the bulky, clumsy and complicated non-swivel devices now being used to meet the demand that this unique swivel has created and which protect users of speedometers against the shaft breakages and annoyances caused under the old method of installation.

No. 12.

No. 11.

No. 12—3 in. 50-mile dial, enclosed season odometer .....each $15.00

This model is exactly the same instrument sold last season as the American at $25, excepting that it is made with a 3 in. dial. There is no cheapening in any feature; the workmanship and quality are the same; the construction has even been improved.

Will indicate speed as high as fifty miles per hour, and is equipped with an enclosed season odometer with capacity of 10,000 miles and repeat.

No. 11—4 in. 60-mile dial, enclosed season odometer and auto-matic resetting trip register.....each $25.00

Something entirely new in speedometer construction; an instrument that is to be the most popular of the 1909 season. It will indicate speed from 0 to 60 miles. The regular Stewart models do not indicate speed less than five miles per hour, but to meet any demand they have provided in this model a means of indicating the slowest turn of the wheel. The needle, or hand, acts from the center of the dial, which arrangement permits the use of a scale three times as long as used on ordinary speedometers, making it the most easily read indicator on the market.

No. 4.

No. 5.

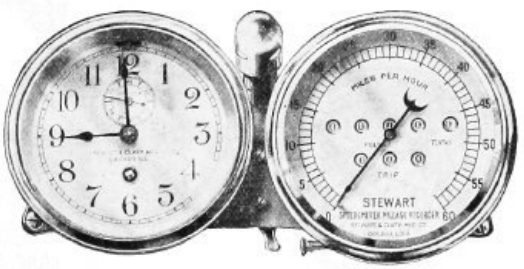
No. 4—4 in. 60-mile dial, enclosed season odometer and auto-matic resetting trip register, and maximum speed hand ....each $40.00

This speedometer indicates speed up to 60 miles. The scale is evenly spaced, making it possible to read the speed without confusion, and is equipped with enclosed season odometer and trip register, which records the mileage up to 10,000 miles and repeats.

The maximum speed hand is carried forward by the speed indicator hand and may be reset by means of a push button, with no possibility of derangement, nor placing additional strain on the indicating mechanism.

No. 5—4 in. 90-mile dial, enclosed season odometer and auto-matic resetting trip register, and maximum speed hand ....each $50.00

In every feature a duplicate of the No. 4, as described above, except that it is made to indicate speed as high as 90 miles. This is an exceptionally handsome instrument and is very popular for use on high powered cars.



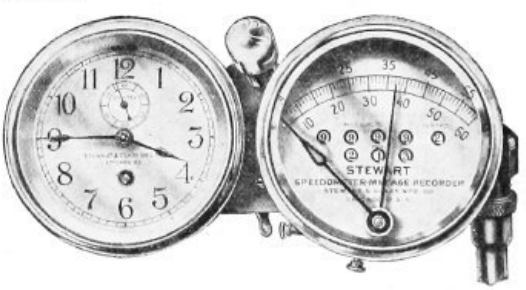
No. 10—Clock combination, with 60-mile speedometer and 8-day Chelsea clock.....each $60.00

This combination is equipped with the regular No. 11 Speedometer, and the 4 in. dial, 8-day Chelsea clock, mounted on a heavy handsomely finished brass base, with an electric light arrangement.

The speedometer will indicate speed from 0 to 60 miles, and will register even the slowest turn of the wheel. The indicating hand or needle acts from the center of the dial and permits the use of a scale three times as long as used on ordinary speedometers. A season and trip odometer including the new trip resetting feature are other very important improvements of the Stewart speedometers.

The clock is the best on the market for use on automobiles, as it is built to withstand the jolting and jarring to which it is subjected.

The combination also includes an electric light arrangement encased in a brass tube or port in the center of the instrument, so as to throw equal light on both the clock and the speedometer at the same time, and is complete with wires and switch.



No. 9—Clock combination, 60-mile speedometer, and 8-day Chelsea clock.....each $75.00

The most attractive automobile accessory ever offered the motoring public. Comprising a 4-in. seven-jewel Chelsea clock and No. 4 Stewart speedom-eter, mounted on a beautifully finished brass base equipped with a brass post containing an electric light. The outfit is complete with electric wire and switch, by means of which the light may be turned on or off as required.

The name "Chelsea" speaks for quality of the clock portion of this com-bination; Chelsea clocks are the very best the market affords for automobile use—the severest test to which a clock mechanism could be put.

The speedometer used is the regular Stewart 60-mile model, exactly the same instrument as supplied if speedometer were ordered alone. The base is of brass, finished to match clock and speedometer. Between the two a post is stepped, somewhat higher than the instrument, with two openings, so arranged that the light from a concealed electric globe will shine on both speedometer and clock. Under the base of the combination is installed a switch completely wired, ready to attach to dry batteries.

WHEN ORDERING, STATE NAME AND MODEL OF CAR, ALSO DIAMETER OF TIRE ON FRONT WHEEL. GUARANTEED ABSOLUTELY FOR FIVE YEARS.

SHOCK ABSORBERS, RECOIL CHECKS, ETC.

SHOCK ABSORBERS.

The Sager equalizing spring is of the barrel spring pattern which has one decided advantage over other types of coil springs, namely, that it admits of easy action within a certain limit, or at the point where circle of spring is largest. The small coils at each end are much stiffer and come into play only when needed, at a time when an overload is applied or a violent rebound occurs.

The Sager Equalizing Spring.

No. 50—Consisting of *four* springs with the necessary parts for attaching, per set..... $30.00

No. 5—Consisting of *two* springs, with the necessary parts for attaching, per set..... 15.00

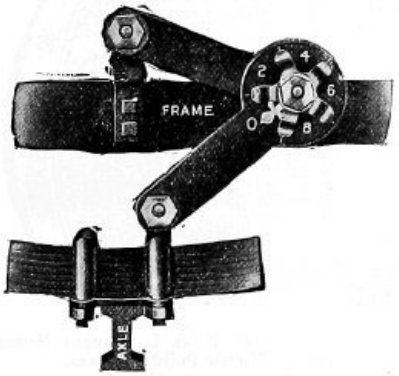
Contrary to the purpose of the Equalizing springs the Flexibles are to be used in connection with springs somewhat stiff. They carry the initial weight of the car, and are brought into action before the flat springs are disturbed in the least, thus taking up all the inequalities of the road before being transmitted to the body of the car and its occupants.

Like the Sager equalizing spring, there are no parts to work loose and they are constructed without any complications whatever.

The Sager Flexible Spring.

No. 60—Consisting of two springs, and the necessary attachment parts, per set $17.50

When ordering, always state name, model, and year of car, to avoid unnecessary delay.



The Truffault Hartford, Made of Heavy Steel.

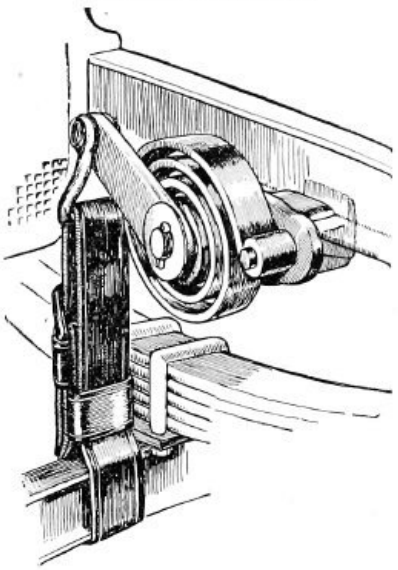
No. 70—Standard, for cars weighing *over* 1800 lbs. (four suspensions)...per set $60.00

No. 80—Intermediate, for cars weighing *from* 1200 lbs. to 1800 lbs., (four suspensions).....per set 40.00

No. 90—Junior, for cars weighing *up to* 1200 lbs. (four suspensions)...per set 25.00

Proper control of the springs prevents excessive oscillation and thereby insures less wear and tear, longer life of tires and greater speed and comfort for passengers.

RECOIL CHECKS.



Heavy Spring Steel Coil with Leather Strap for Holding the Spring to the Axle.

No. 90—Light, for light weight cars, per set (4)..... $20.00

No. 9—Light, for light weight cars, per pair..... 12.00

No. 100—Medium, for medium weight cars.....per set (4) 25.00

No. 10—Medium, for medium weight cars.....per pair 15.00

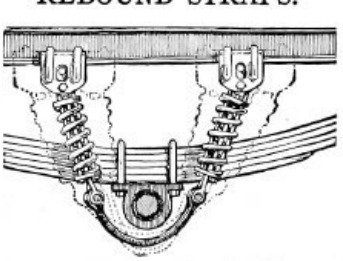
No. 110—Heavy, for heavy weight cars, per set (4)..... 25.00

No. 11—Heavy, for heavy weight cars, per pair..... 15.00

This check can be attached in less than a minute; drawing up the strap allows for any tension desired, does not act on the downward motion, but stops easily, and without jerk, any recoil due to reaction of springs.

The cut shows the method of attaching to either front or rear of car.

REBOUND STRAPS.



Two Heavy Steel Springs, Two Bolt Eyes, to Connect or Fasten to Frame, and Heavy Leather Strap Passing Under Axle.

No. 120—For light weight cars, per set (4)..... $15.00

No. 12—For light weight cars, per pair 8.00

No. 130—Medium, for medium weight cars.....per set (4) 20.00

No. 13—Medium, for medium weight cars.....per pair 12.00

No. 140—Heavy, for heavy weight cars, per set (4)..... 25.00

No. 14—Heavy, for heavy weight cars, per pair..... 15.00

Our patented clamp can be permanently fastened to any pressed steel frame by tightening one nut. Can be instantly adjusted for any tension. Absolutely prevents broken springs. In ordering state make and model of car.

AUTOMOBILE BUMPERS.

"Defender," Heavy Steel Bumper Bar and Brackets, Trimmings Heavily Brass Plated and Polished.

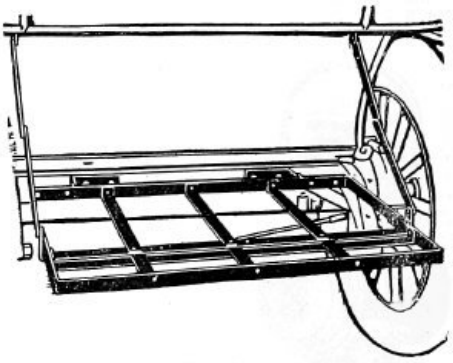
No. 2—Full polished brass finish..each $25.00

No. 3—Oven-baked black enameled bumper bar, otherwise same as No. 2, each..... 18.00

By the use of automobile bumpers all possibility of damaging the lamps or fore part of the car is entirely eliminated. They are adapted to any style car and can be put on in a few minutes, by adjusting the side-bar brackets.

Always give the diameter and length of springs bolts and name and model of car, when ordering.

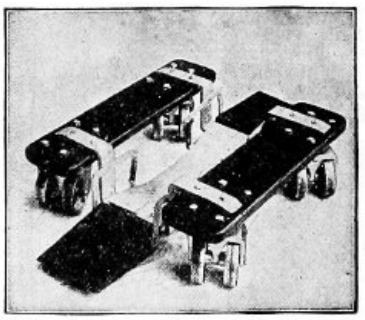
TRUNK RACKS.



No. 10—CRADLE, all steel construction, no castings, the lightest, strongest, simplest and neatest luggage carrier on the market, easily attached to any car, finish in black enamel baked on, easily adjusted.....each $8.00

No tourist has his car quite complete without a luggage carrier, its convenience appeals to every owner who takes country runs; a couple of suit cases, a small trunk or bundles, can be strapped on in a moment.

AUTOMOBILE TURNTABLES.



The Standard.

No. 22—With wooden runways, per pair $15.00

No. 23—With steel runways... " 18.00

The Standard is capable of carrying 2½ tons each, or 5 tons to the pair. Car can be put on from either side. Will not run away from the car, nor will it tip. A child can handle a car on these turntables. The boards and runaways have three coats of paint and the steel parts three coats of aluminum enamel.

AUTOMOBILE OIL AND GAS LAMPS.

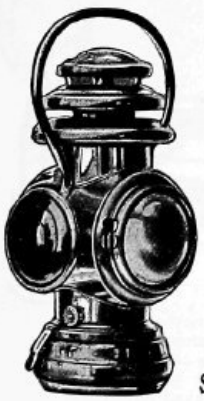
TAIL OIL.

The best tail lamp ever offered to the public for the money.

The patent locking device prevents oil fat from dripping out.

Polished Brass.

No. 1—4 in. face, 8½ in. high, *without* bail.....each $2.50
No. 2—3 in. face, 9¾ in. high, *without* bail.....each 3.00
No. 3—3 in. face, 12½ in. high, *with* bail.....each 3.50



Has a standard 3 in. ruby semaphore rear lens and is suitable for all types of cars.

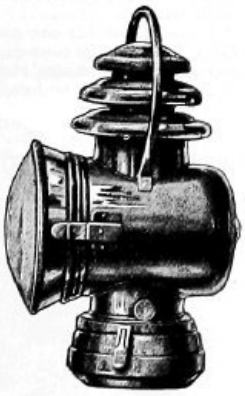
The "Dainty" Tail Lamp gives a light of 10 candle power, and will not blow out under the most trying conditions.

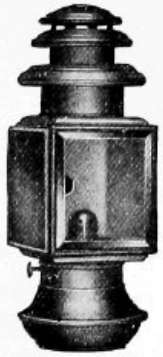
No. 403—DIETZ DAINTY, Tail Lamp, oil, height 11½ in., polished brass, 3 in. ruby semaphore rear lens.....each $4.00

SIDE OIL.

The Dietz "Dainty" Motor Car Lamp in appearance well befits its name, "Dainty." It is the ideal runabout lamp and gives a light of 13 candle power.

No. 402—DIETZ DAINTY, oil, height 11¾ in., polished brass..each $3.75



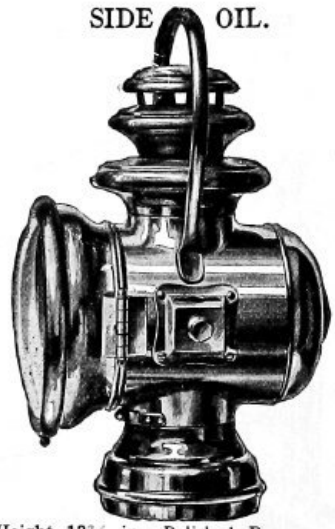


The frames of these lamps are very strong. The glass is heavy bevel plate, silver lined. The oil fount is held by a specially constructed fastener.

Polished Brass, Plate Glass Lights.

No. 11—Height 12 in., glass 4×4¼ in., each..... $ 4.00
No. 22—Height 13 in., glass 5×5 in., each..... 5.00

SIDE OIL.

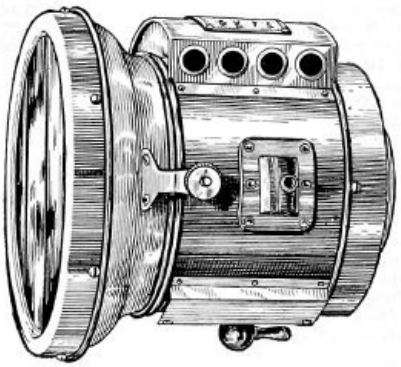


Height 13¾ in., Polished Brass.

No. 400—DIETZ ROYAL, oil.....each $9.00
No. 401—DIETZ ROYAL JUNIOR, oil.. " 7.00

The No. 400 gives a light of 65 candle power; the No. 401, 45 candle power. Both Nos. contain a highly polished silvered reflector.

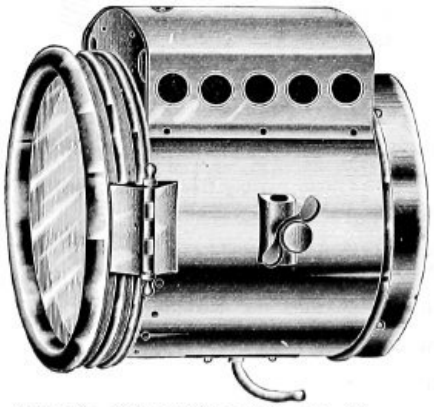
SIDE GAS.



20th Century, Flare Front, Polished Brass, Mangin Mirror Lens, Sectional Front Lens.

No. 106—6 in. diam. of body....each $10.00
No. 107—7 in. diam. of body.... " 12.00
No. 108—8 in. diam. of body.... " 15.00

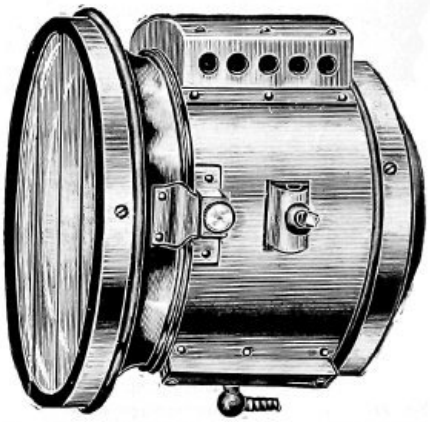
The brass is of heavy gauge, and will meet all requirements for a high grade lamp.



Columbia, Polished Brass, Adjustable Burner Mirror Lens.

No. 516—6 in. lens, w't 5 lbs.....each $14.00
No. 517—7 in. lens, w't 7 lbs..... " 16.00
No. 518—8 in. lens, w't 9 lbs..... " 22.00

SIDE GAS.



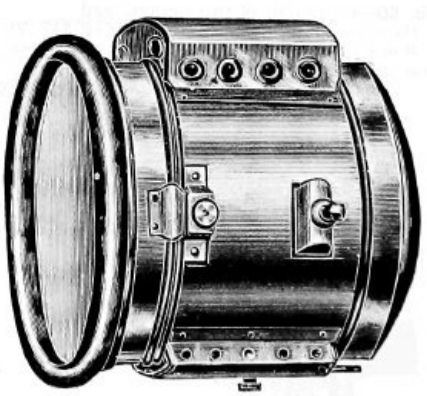
Flare Front, Crescent Lens Mirror, Adjustable Burner, Heavy Gauge Brass, Highly Polished.

No. 06—Height 7½ in., depth 8 in., front 7½ in.....each $10.50
No. 07—Height 8½ in., depth 8½ in., front 8½ in.....each 11.50
No. 08—Height 9¾ in., depth 9½ in., front 9½ in.....each 14.00
No. 09—Height 10½ in., depth 9½ in., front 10½ in.....each 18.00

Popular acetylene gas head light equipped with B. and L. mangin mirror; reflector and sectional front lens projecting a very powerful light. This lamp is made with adjustable burner, which enables one to focus the light to any desired point. Made of heavy gauge brass and highly polished.

No. 656—Height 7½ in., depth 8 in., front 7½ in.....each $5.00
No. 757—Height 8½ in., depth 8½ in., front 8½ in.....each 6.00

The above lamps are the same in size and appearance as Nos. 06 and 07 respectively, except that they have plain lenses and French glass mirrors. Solid lenses not sectional.



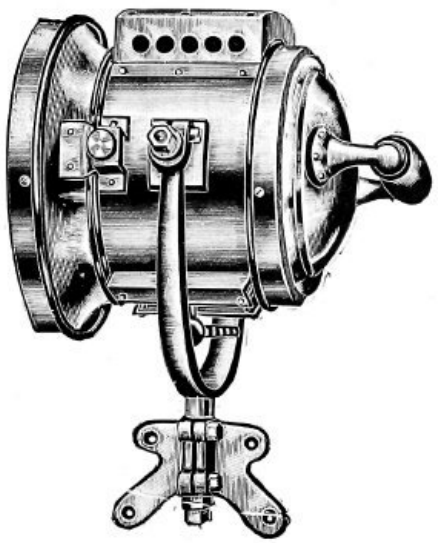
Barrel, Rolled Front, B. & L. Mangin Mirror Reflector, Highly Polished Brass.

No. 55—Height 9½ in., depth 7¼ in., front 6 in.....each $ 9.00
No. 56—Height 10½ in., depth 7½ in., front 7 in.....each 10.25
No. 57—Height 11½ in., depth 8¾ in., front 8 in.....each 12.00
No. 58—Height 12½ in., depth 9½ in., front 9 in.....each 13.50

The most popular searchlight type of acetylene gas headlight made. Equipped with B. and L. mangin mirror reflector, which projects a very powerful light.

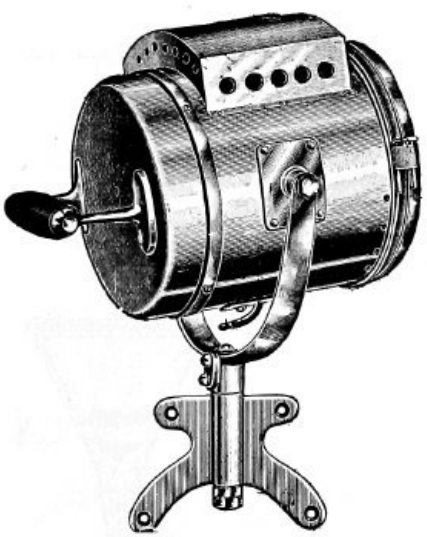
SEARCHLIGHTS AND GENERATORS.

SEARCHLIGHTS.



Flare Front, Crescent Lens Mirror, Swinging Swivel Brackets, Polished Brass.

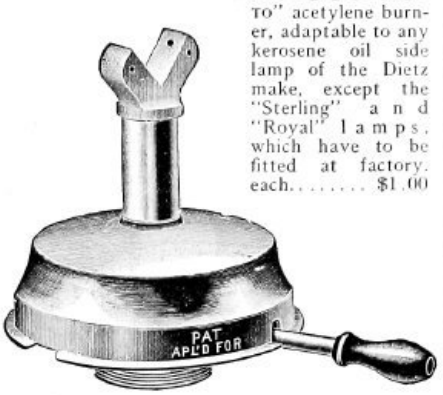
No. 06S—Height 14 in., depth 10¼ in., front 7½ in. ..... each $10.50
No. 07S—Height 14½ in., depth 10¾ in., front 8½ in. ..... each 12.50
No. 08S—Height 19 in., depth 11¾ in., front 9½ in. ..... each 17.50
No. 09S—Height 20½ in., depth 11¾ in., front 10½ in. ..... each 24.00



Polished Brass, Adjustable Burner.

No. 506—COLUMBIA, 6 in. mirror lens, w't 8½ lbs. ..... each $15.00
No. 507—COLUMBIA, 7 in. mirror lens, w't 10½ lbs. ..... each 18.50
No. 508—COLUMBIA, 8 in. mirror lens, w't 13 lbs. ..... each 22.50

ACETYLENE LAMP BURNERS.

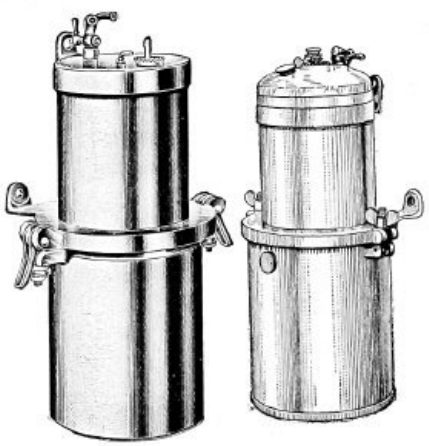


No. 10—DIETZ "PRESTO" acetylene burner, adaptable to any kerosene oil side lamp of the Dietz make, except the "Sterling" and "Royal" lamps, which have to be fitted at factory, each..... $1.00

BRASS AND RUBBER GAS TUBING.

¼ in. Flexible Brass Tubing..... per foot $0.12
Red Rubber Gas Tubing, A grade, " .10
Red Rubber Gas Tubing, B grade, " .08
Made of especially prepared stock.

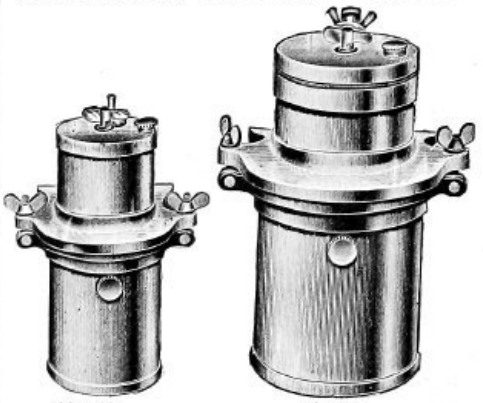
ACETYLENE GAS GENERATORS.



No. 5. No. 19.

No. 5—COLUMBIA, polished brass 15 in. high, 8 in. in diam., lower bracket holes, 5 in. center to center, with upper adjustable bracket, 2½ to 5 in. from lower, carbide capacity 3½ lbs., for two lamps..... each $15.00
No. 19—20TH CENTURY, polished brass 12 in. high, carbide holder 5 in. in diam., capacity 1½ lbs..... each 10.00

ACETYLENE GAS GENERATORS.

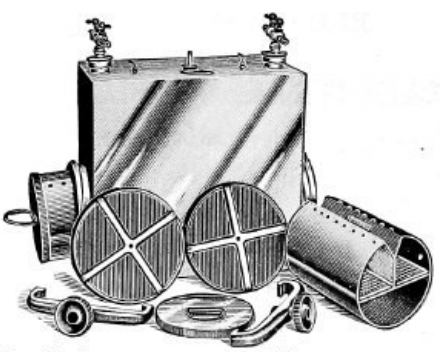


No. 30. No. 40.

1909 Crescent, Gas, Extra Heavy Gauge Brass, Automatic.

No. 30—Capacity 1¼ lbs. carbide, height 11 in., width 7 in. ..... each $6.80
No. 50—Capacity 1¼ lbs. carbide, height 12 in., width 5½ in. ..... each 6.50
No. 40—Capacity 2¾ lbs. carbide, height 12 in., width 8½ in. ..... each 8.40
No. 60—Capacity 3½ lbs. carbide, height 15 in., width 8 in. ..... each 7.50
Made of extra heavy gauge brass and are the very latest type of modern generator. Easy and simple to operate, automatic in action; by one turn of the valve the water and gas may be turned on or off instantaneously. Has water jacket surrounding the carbide chamber, keeping gas constantly cool and thereby producing a white flame.

No. 1—COLUMBIA, operates one burner, capacity 20 oz. carbide, diameter 4 in., height 10 in., w't 3½ lbs. ..... each $ 9.00



No. 3—COLUMBIA, two carbide cups, two separate water valves, capacity 56 oz. carbide, height 11 in., length 12½ in., w't 14 lbs. ..... each $15.00

AUTOMOBILE LAMP FITTINGS AND FUNNELS.

ACETYLENE LAMP BURNERS.

Perfection.

Auto.

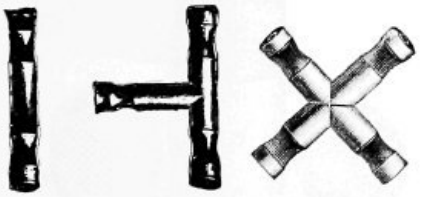
Perfection, ½, ¾ and 1 ft.....each $0.40
Auto., ½, ¾ and 1 ft..... " .40

Luta.

Corona.

Luta, ½ and ¾ ft.....each $0.25
Corona, ½ and ¾ ft..... " .25

LAMP TUBING CONNECTIONS.



No. 1. No. 2. No. 3.

Solid Brass Castings, Diam. ¼ in., for Rubber Tubing, with $\frac{3}{16}$ in. Hole.

No. 1—Gas tubing nipples.....each $0.05
No. 2—Gas tubing nipples..... " .10
No. 3—Gas tubing nipples..... " .10

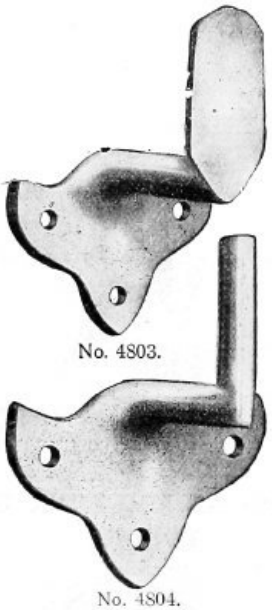
BURNER CLEANERS.

No. 10—For cleaning lamp burners, each $0.20

GAS BAGS.

No. 12—For use on acetylene lamps..each $0.25

AUTOMOBILE LAMP BRACKETS.

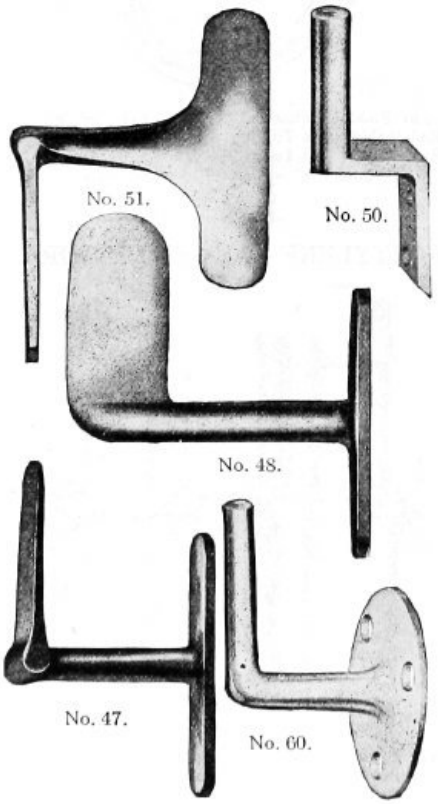


No. 4803.

No. 4804.

No. 4803—Polished brass, for cars of Cadillac A type, where brackets fasten on side of board, and for tail lamps having socket for flat lip brackets, per pair $1.90
No. 4804—Polished brass, for tail lamps, per pair..... 1.85

SIX BOLTS WITH EACH PAIR.

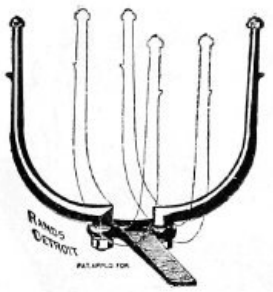


No. 51. No. 50. No. 48. No. 47. No. 60.

Polished Brass for Side and Tail Lamps.

No. 47—Side.....per pair $1.25
No. 48—Side..... " 1.25
No. 51—Side..... " 1.25
No. 50—Tail.....each .40
No. 60—Tail..... " .40

AUTOMOBILE LAMP BRACKETS.



Adjustable.

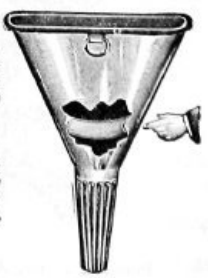
No. 4805—RAND'S, brass plated and polished, drop forged adjustable props, very strong and practical.....per pair $4.25

GASOLINE FUNNELS.

Movable Hoop for Chamois Strainer.

No. 20G—2 qt., 8½ in. diam. top, 9½ in. high, coppered.....each $0.75
No. 40G—4 qt., 9¾ in. diam. top, 11 in. high, coppered.....each 1.00
No. 80G—8 qt. barrel size, 12½ in. diam. top, 12 in. high, coppered. .each 1.25

These funnels are especially designed for filling auto gasoline tanks and barrels. They have hoop around top to prevent slopping, and besides having a fine brass wire strainer there is also an extra outside hoop for holding a chamois strainer. They also have large fluted tubes so that the gasoline will run through fast and not become air-bound.



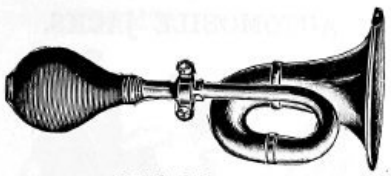
No. 02G—Light weight, 1 qt., 3½ ×8 in., coppered..... each $0.50

Extra Heavy Weight.

No. 1G—1 pt., 2½×7 in., coppered...each $0.75
No. 2G—1 pt., 3½ × 8¼ in., coppered each $0.85

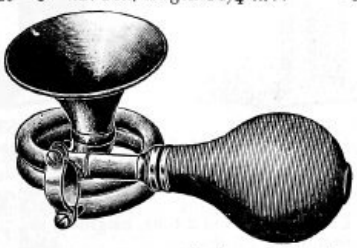
These funnels are made especially to carry on auto; oval shape, occupy small space, have an extra large spout so that while the body is small the gasoline will run through the funnel very fast—an important feature. The tube on funnel is fluted, so that it will not get air-bound while pouring.

AUTOMOBILE HORNS AND PARTS.

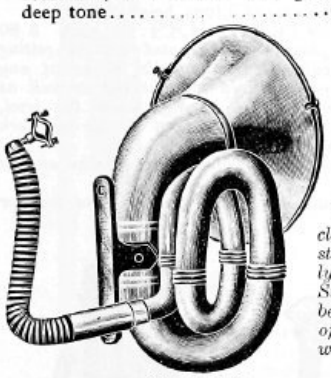


Polished Brass.

No. 4—3½ in. bell, length 9¾ in...each $1.60
No. 6—4⅜ in. bell, length 12 in.... " 2.00
No. 8—5 in. bell, length 13 in.... " 2.25
No. 10—6 in. bell, length 14¾ in.. " 3.00



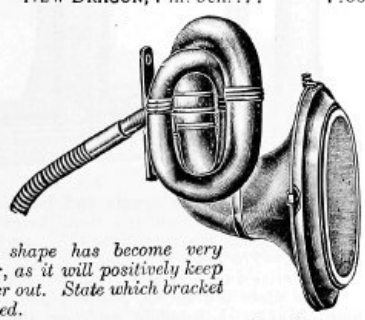
No. 726—Bull Frog, 4¼ in. polished brass bell, with double coil, giving a deep tone.....each $3.00



With a close bent coil, straight or lyre bracket. State size of bell and style of bracket wanted.

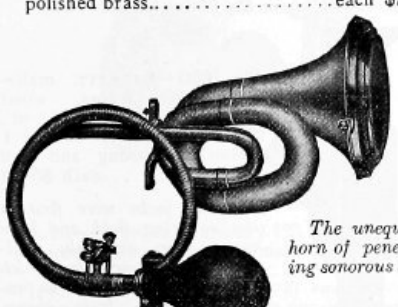
Polished Brass.

No. 707—New Dragon, 6¼ in. bell..each $6.75
No. 708—New Dragon, 7 in. bell.... " 7.00



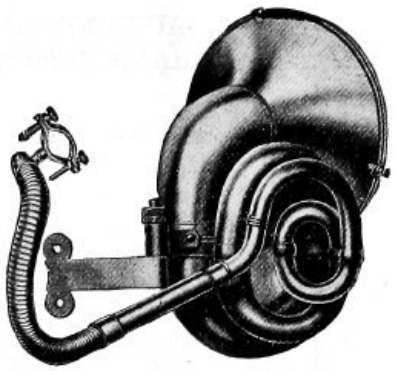
This shape has become very popular, as it will positively keep the water out. State which bracket is wanted.

No. 709—7 in. oval bell, reversed coil with bell down, straight or lyre bracket, polished brass.....each **$7.25**



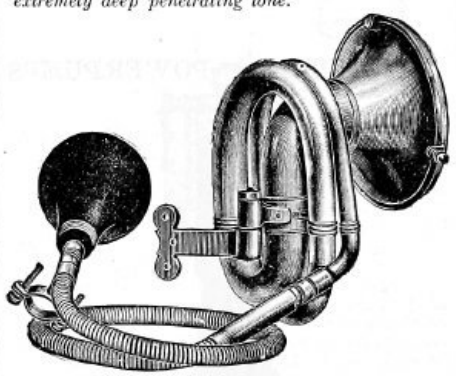
The unequaled horn of penetrating sonorous tone.

No. 703—Sonoro, 7 in. bell, polished brass.....each $8.00



No. 705—Large Dragon, 8¼ in. bell, screen, 50 in. flexible tubing, swivel bracket, polished brass, each $9.00

The above horn can be adjusted to any side and can be attached to any car, and is noted for its extremely deep penetrating tone.



No. 704—Bull Frog, 7 in. bell, screen, 50 in. tube, swivel bracket, polished brass, each.....$9.25

The new fad in automobile horns, which has met with the favor of all the touring car manufacturers, when a long powerful blast is required. This horn can be heard at a distance of half a mile.

Polished Brass.

No. 701—Consone, small size, 6¼ in. bell.....each $6.50
No. 702—Consone, large size, 8 in. bell, each.....8.00

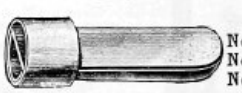
The most powerful toned horn. The only successful high class horn made in America.

Bulbs, chemically cured, soft, pliable and tough. Non-corrosive vibratory metal composition, reeds which are not affected by the weather.

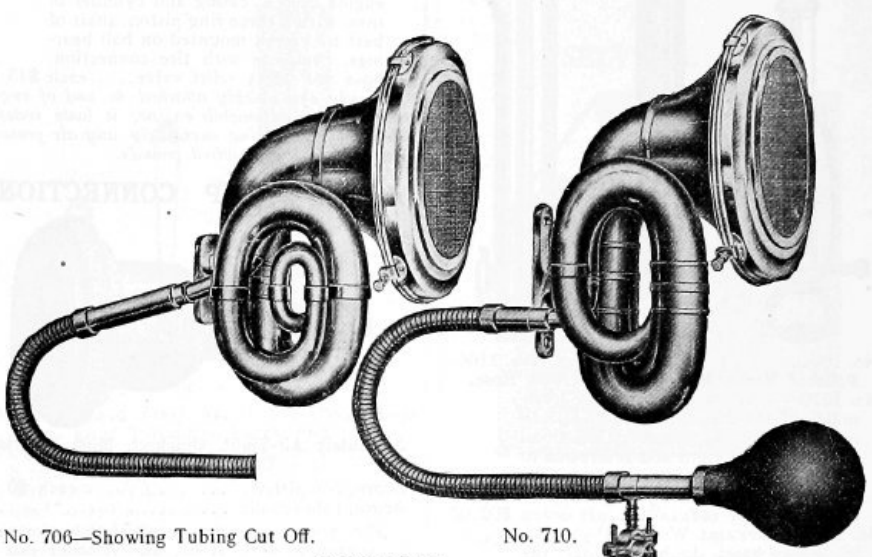
RUBBER HORN BULBS.

	EACH.
No. 1—1⅞ in.	$0.30
No. 2—2⅛ in.	.35
No. 3—2¼ in.	.40
No. 4—2½ in.	.45
No. 5—2¾ in.	.50
No. 6—2⅞ in.	.60
No. 7—3 in.	.70
No. 8—3¼ in.....	.80
No. 9—3⅝ in.....	.90

HORN REEDS.



	EACH.
No. 1—Small..	$0.15
No. 3—Large..	.30
No. 2—Medium	.35



No. 706—Showing Tubing Cut Off. No. 710.

Polished Brass.

No. 706—8 in. oval bell, triple twisted, straight or lyre bracket, very deep penetrating tone.....each $ 9.00

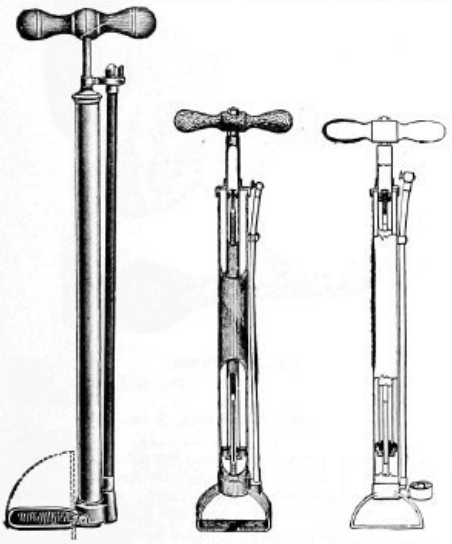
This horn leads all others and is the Champion in the market.

No. 710—Extra large 8 in. oval bell.....each 10.50
No. 711—7 in. oval bell..... " 7.25

No. 711—Same style as No. 710, but smaller in proportion. Straight or lyre bracket. State which bracket is wanted when ordering

AUTOMOBILE PUMPS AND JACKS.

AUTOMOBILE HAND PUMPS.



No. 100G. No. 113G. No. 112G.

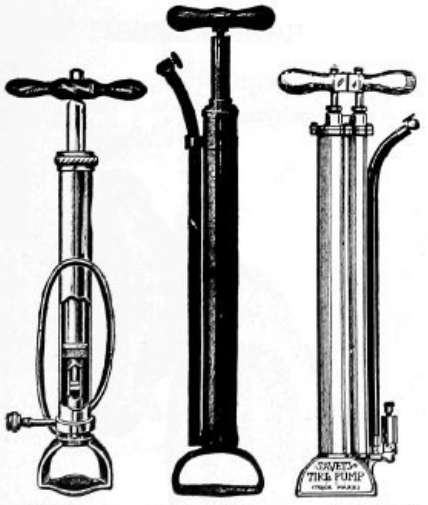
Polished Brass, Best Quality Rubber Hose.

No. 100G—1½×22 in., with flat folding base.....per dozen $36.00

No. 113G—1½×18 in., with stirrup base, and air-tight nipple..per dozen 54.00

No. 112G—1½×18 in., with air-tight nipple and gauge.....per dozen 72.00

On Nos. 112G and 113G the air in large cylinder is compressed into small cylinder on the down stroke, and on the down stroke also this compressed air is forced from the small cylinder through a stationary piston and rubber base to tire.



No. 107G. No. 110G. No. 116G.

Polished Brass, Best Quality Rubber Hose.

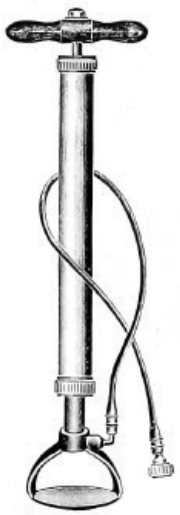
No 107G—Triplex, consisting of 3 cylinders of the following sizes, 1¾×18 in., ¼×18 in., ¾×18 in. The small cylinder stands rigid and is screwed to the base as well as the outer one. The center tube works as a plunger as well as the plunger rod.....per dozen $60.00

No. 110G—Imperial Wixon, 1½×17¾ in., heavy brass, double cylinder; the up-stroke puts light pressure on the air in small cylinder, the down-stroke forces the air into the tire..per dozen 60.00

No. 116G—18×1¼ in., air tight nipple, with gauge which perfectly registers the air pressure on tire....per dozen 72.00

No. 115G—Without gauge, otherwise same as No. 116G..... ....per dozen 48.00

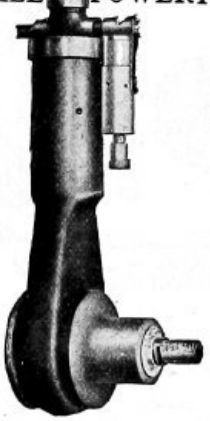
AUTOMOBILE HAND PUMPS.



No. 101G—Columbia, 1½×16 in. polished brass, best quality rubber hose, two cylinders, triplex pattern, works asy and gives entire satisfaction everywhere, per dozen $42.00

One of our best selling auto pumps and should merit the attention of every buyer.

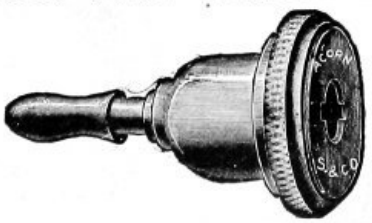
AUTOMOBILE POWER PUMPS



No. 200G—The A. B. C., length 9½ in., engine driven, casing and cylinder of iron, with a three ring piston, shaft of best tool steel, mounted on ball bearings, complete with tire connection, hose and safety relief valve.....each $15.00

Easily and quickly attached to end of engine shaft of any automobile engine; it lasts indefinitely, always giving accurately any air pressure asked, up to two hundred pounds.

ACORN PUMP CONNECTIONS.



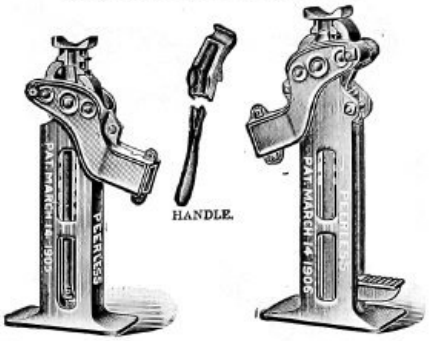
Absolutely Air-Tight, Quickest, Most Practical, Cheapest and Handiest.

Acorn, complete.....each $0.30

Acorn, rubber only..... " .06

The Acorn connection is attached to tire valve by simply pressing it on, and removed just as simply—by pulling it off. No screwing to be done. It might be supposed that this rubber washer would readily wear out and lose its functions, but on the contrary, its life is practically indefinite. Varied and exhaustive tests show that one washer will stand between 4,000 and 5,000 inflations and when necessary a new washer can be inserted in less than a minute.

AUTOMOBILE JACKS.



Nos. 50G & 51G. Nos. 52G & 53G.

Improved Peerless, Malleable Iron Frame and Handle, Neatly Painted.

No. 50G—For cars of 2 tons, height 10 in., rise 7 in., w't 4½ lbs.....each $2.50

No. 51G—For cars of 2 tons, height 12 in., rise 9 in., w't 5 lbs.....each 2.50

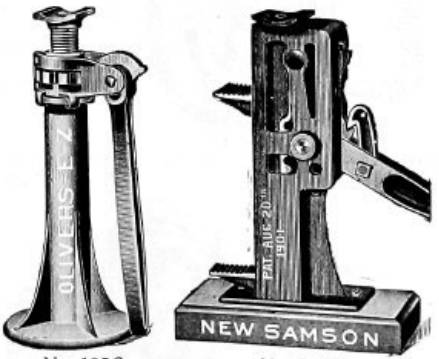
No. 52G—For cars of 2 tons, height 11 in., rise 6 in., w't 5 lbs.....each 3.00

No. 53G—For cars of 2 tons, height 13 in., rise 8 in., w't 6 lbs.....each 3.00

Can be placed and operated without getting under the car. It is automatic, works at any angle and can be used for pushing as well as lifting. Working the handle, below the level, raises. To lower simply turn it over and work above the level.

One of the most popular auto jacks on the market.

The handle can be used for a tire tool or hammer.



No. 135G. No. 144G

Malleable Iron Frame and Handle.

No. 135G—For cars of ten tons, height 13 in., rise 10 in., w't 12 lbs.....each $5.00

No. 144G—For general garage use, height 12 in., rise 4 to 10 in., w't 12 lbs...each 5.00

These jacks are strong, compact and light, the most popular automobile jack on the market. Work at any angle, can be used for pushing as well as lifting. Working the handle below the center raises, above the center lowers.

No. 05G—Barrett, malleable iron frame, wood handle, height 11 in., rise 6 in., for cars of 1 ton, a strong and well made jack.....each $5.00

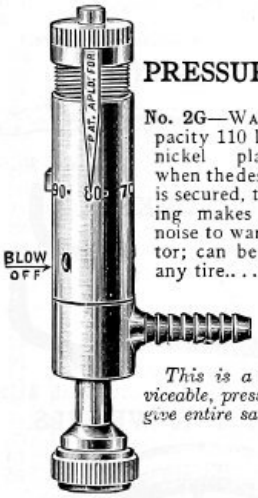
These jacks were first in the motoring field and have never been seriously challenged for superiority, which is pointed out merely to protect motorists from cheap, undependable imitations.

AUTOMOBILE JACKS, OIL GUNS, CHAMOIS SKINS, ETC.

AUTOMOBILE JACKS.

No. 300G—ASHMORE HYDRAULIC, malleable iron base, brass cylinder, iron lever handle with wood grip, will lift a car of 1½ tons, has a 5 in. rise, height 11¾ in., w't 6 lbs. ..... each $6.00

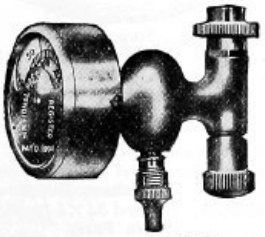
PRESSURE GAUGES.



No. 2G—WASHBURN, capacity 110 lbs., made of nickel plated steel; when the desired pressure is secured, the air escaping makes a sufficient noise to warn the operator; can be attached to any tire..... ..each $2.50

This is a neat, compact, serviceable, pressure gauge, and will give entire satisfaction.

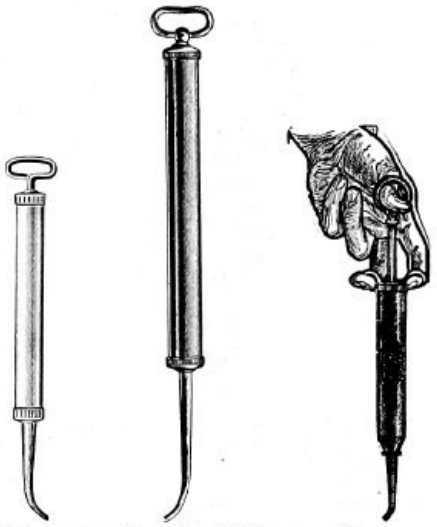
No. 3G—MILLER'S, capacity 200 lbs., made of nickel plated steel, will register the slightest pressure of the pump, each..... $3.50



No. 1G—NATIONAL, capacity 120 lbs., case constructed of heavy nickel plated steel..... each $5.00

For properly inflated tires of equal capacity, the use of a pressure gauge or register is very essential, and we recommend the National as a very satisfactory-giving pressure gauge. Adapted to any automobile or bicycle tire valve.

AUTO OIL GUNS.

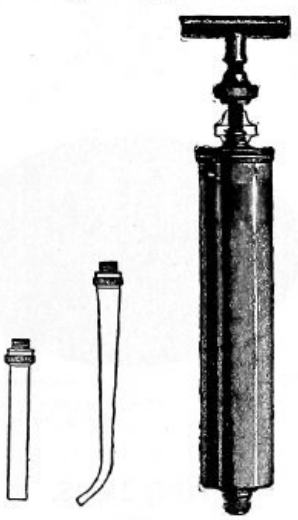


No. 4. Nos. 00 and 000. No. 5.

Steel Piston Rod.

No. 4 —10 in. barrel, 4 in. nozzle, nickel plated steel..... each $0.50
No. 00 —8 in. barrel, 5 in. nozzle, polished brass..... each .60
No. 000—10 in. barrel, 5 in. nozzle, polished brass..... each .60
No. 5 —N. F. O., 7½ in. barrel, 4½ in. nozzle, with cross bar at top, which allows the gun to be used with one hand, polished brass..... each 1.50

The piston rod of the No. 5 gun is fitted with an improved piston, which produces an almost perfect vacuum, and will force fluid oil, non-fluid oil or grease into any bearing of an automobile.



No. 8.

Delta, Polished Brass Barrel and Spout, Coppered T Handled Piston Rod.

No. 8—8 in. barrel, combination, capacity 8 oz., piston rod threaded and fitted with lock nut that engages thread on head so piston can be driven down by screw motion when used with heavy grease, or can be used in usual manner for oil; with two spouts, the straight one 2¼ in., the bent one 4¼ in...each $5.50
No. 7—8 in. barrel, capacity 7 oz., with two spouts, the straight one 2¼ in., the bent one 4¼ in..... each 3.50

Only the best materials are used in the manufacture of Delta oil guns. The pistons are solid brass and run snugly in the barrel of the gun.

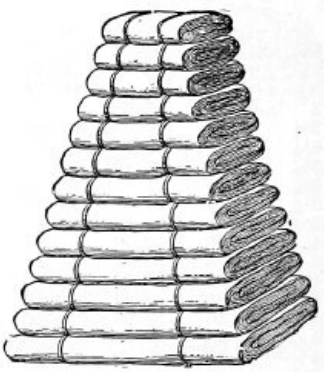
GREASE PUMPS.

Brass.

No. 105 —4 in. body ..... each $1.20
No. 105A—6 in. body ..... " 1.50

This device is for forcing dope into transmission gears—differential gears. When dope is used it makes gears almost noiseless.

CHAMOIS SKINS.



No. 22½	—10×13 in.....	per dozen	$ 2.20
No. 23½	—12×16 in.....	"	4.00
No. 24¾	—15×20 in.....	"	6.50
No. 26	—19×25 in.....	"	10.00
No. 27	—23×26 in.....	"	14.70
No. 28	—28×32 in.....	"	22.50
No. 29	—32×37 in.....	"	30.00
No. 30	—34×40 in.....	"	38.50

ONE KIP (2½ DOZEN) IN A BOX. AVERAGE WEIGHT PER KIP 3 LBS.

SELVYT CLOTH.

Superior to Chamois, as Good as New when Washed.

Nos.	A	B	C
Size.....	10½×10½	14×14	17½×14 in.
Per dozen .	$2.40	4.50	5.50
Nos.....	D	E	F
Size.....	20×17½	21×20	28×28 in.
Per dozen..	$6.50	8.00	16.00

HALF DOZEN IN A PACKAGE, TWO DOZEN IN A BOX. AVERAGE WEIGHT PER DOZEN 1½ LBS.

AUTOMOBILE TIRES, PATCHES, IRONS, ETC.

AUTOMOBILE TIRES.

Morgan & Wright Clincher, Dunlop and Quick Detachable.

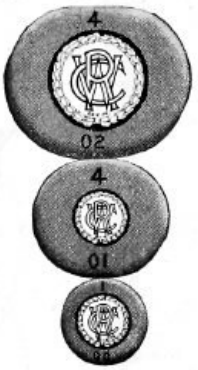
SIZE INCHES.	REGULAR ROUND TREAD CASING.	BAILEY TREAD CASING.	HEAVY TREAD CASING.	ANY STYLE TUBE.
	EACH.	EACH.	EACH.	EACH.
28×2½	$11.80		12.35	3.05
28×3	14.05	15.50	14.70	3.50
30×3	15.05	16.50	15.75	3.75
32×3	16.10	17.55	16.85	3.95
28×3¼	17.95	19.65	18.80	4.60
28×3½	20.65	22.60	21.60	4.75
30×3½	22.20	24.15	23.15	5.05
32×3½	23.55	25.60	24.85	5.35
34×3½	25.70	27.70	26.95	5.70
36×3½	27.80	29.80	29.20	6.00
30×4	30.00	32.50	31.45	6.15
31×4	31.15	33.65	32.65	6.40
32×4	32.25	34.75	33.80	6.55
33×4	33.45	35.90	35.00	6.70
34×4	34.50	36.80	36.15	6.90
36×4	36.75	39.15	38.45	7.25
40×4	41.20	43.30	43.20	8.00
32×4½	41.15	44.10	43.15	8.05
34×4½	43.75	46.70	45.85	8.50
36×4½	46.35	49.30	48.55	9.00
34×5	53.90	57.55	56.45	10.05
36×5	56.95	60.65	59.65	10.60

G. & J. Clincher, Dunlop, and Quick Detachable.

SIZE INCHES.	REGULAR ROUND TREAD CASING.	INNER TUBE.	TIRE COMPLETE.	BAILEY TREAD CASING.
	EACH.	EACH.	EACH.	EACH.
28×2½	$11.80	3.05	14.85	
30×2½	12.70	3.20	15.90	
28×3	14.05	3.50	17.55	15.50
30×3	15.05	3.75	18.80	16.50
32×3	16.10	3.95	20.05	17.55
30×3½	22.20	5.05	27.25	24.15
32×3½	23.55	5.35	28.90	25.60
34×3½	25.70	5.70	31.40	27.70
36×3½	27.80	6.00	33.80	29.80
30×4	30.00	6.15	36.15	32.50
31×4	31.80	6.40	38.20	33.25
32×4	32.25	6.55	38.80	34.75
33×4	33.45	6.70	40.15	35.90
34×4	34.50	6.90	41.40	36.80
36×4	36.75	7.25	44.00	39.15
34×4½	43.75	8.50	52.25	46.70
36×4½		9.00		
34×5	46.35	10.05	55.35	49.30
36×5	53.90	10.60	63.95	57.55
	56.95		67.55	60.65

Sizes 28x2½; 30x2½ and 32x3 in., not made in Dunlop or Quick Detachable clincher

TUBE PATCHES.



Continental.

No. 00—1⅜ in. round.	per	dozen	$0.25
No. 01—2 in. round.	"		.50
No. 02—2½×2¾ in.	"		1.00
No. 03—2½×3¾ in.	"		1.25
No. 04—2½×5½ in.	"		2.25

The best rubber patch on the market.

No. 101—HARTFORD assortment, consists of 12 patches as follows, per assortment $0.75

3 only	No. 0—2⅛ in. round.
3 only	No. 1—1⅞×1⅜ in.
3 only	No. 2—2⅞×1⅞ in.
2 only	No. 3—5 ×2½ in.
1 only	No. 4—5¾×3 in.

ONE ASSORTMENT IN A BOX.

No. 100—MORGAN & WRIGHT assortment consists of 10 assorted sizes in a package.....per assortment $0.75

TIRE LUGS.

Rubber Covered.

All sizes.....each $0.50

When ordering, state size of tire.

VALVE PARTS.

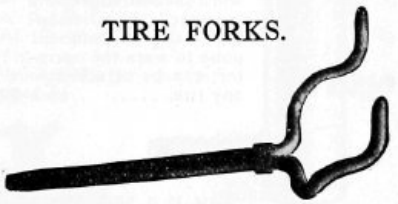
No. 01—Clincher tire valves.	each		$0.60
No. 02—Clincher tire clips.	"		.60
No. 03—Valve dust caps.	"		.20
No. 04—Plunger cores complete, 99-4.	per	100	5.00
No. 05—Valve caps, 99-1.	"		5.00
No. 06—Cap washers, 99-2.	"		1.00
No. 07—Washers, 99-3.	"		.35

When ordering valves, mention size of tire.

TIRE IRONS.

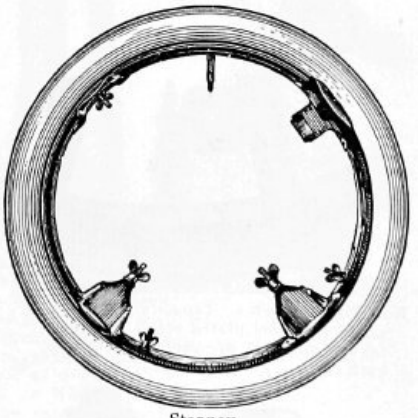
No. 14—MICHELIN.....each $0.60

TIRE FORKS.



No. 15—MICHELIN.....each $1.25

SPARE MOTOR WHEELS.



Stepney.

36 in.	each	$26.00
34 in.	"	24.00
32 in.	"	22.00
30 in.	"	22.00
28 in.	"	20.00
Combination Wheel, extra.	"	3.00

The combination wheel is used where there is a difference of ½ in. between the front and rear tires, as 34×4½ rear and 34×4 front.

Extra Parts.

Stepney Ring Carriers	each	$ 4.00
Stepney Ring Carriers, double.	"	6.00
Stepney Waterproof Covers.	"	4.00

Always state style and make of rim to which the wheel is to be attached.

The Stepney wheel will take any type of clincher tire, and can be attached to any clincher or detachable rim with the exception of the Fisk Detachable.

TIRE PROTECTORS, TIRE GRIPS, REPAIR BANDS, ETC.

TIRE PROTECTORS.

Woodworth, Adjustable Tread.

26×2½	in.	each $ 7.00
26×3	in.	" 9.00
28×2½	in.	" 8.00
28×3	in.	" 10.00
28×3½	in.	" 12.25
30×2½	in.	" 9.00
30×3	in.	" 11.00
30×3½	in.	" 13.50
30×4	in.	" 15.00
31×4	in.	" 16.00
32×3	in.	" 12.00
32×3½	in.	" 14.75
32×4	in.	" 16.50
32×4½	in.	" 18.00
34×3	in.	" 13.00
34×3½	in.	" 16.00
34×4	in.	" 18.00
34×4½	in.	" 19.75
34×5	in.	" 21.00
36×3	in.	" 14.00
36×3½	in.	" 17.25
36×4	in.	" 19.50
36×4½	in.	" 21.50
36×5	in.	" 23.00

760 m m×90 m m tires take 30×3½ treads.

A protector for automobile tires made of leather studded with steel rivets. The leather is tanned especially for this purpose and is absolutely uninjured by water. The part that runs on the ground has three-ply of leather in which are set rivets with heads about $\frac{3}{16}$ of an inch thick. The cover is made trough-shape, coming well up on the sides of the tire, and has loops along each side through which passes a steel wire ring adjusted by four small nuts.

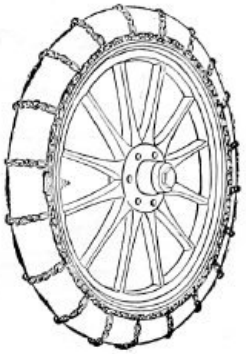
WEED'S CROSS CHAINS.

For Repairing Tire Grips.

For 2½	in. tire.	each $0.05
For 3	in. tire.	" .07
For 3½	in. tire.	" .08
For 4	in. tire.	" .09
For 4½	in. tire.	" .10
For 5	in. tire.	" .12
Connecting Hooks with Rivet.		" .25

Two connecting hooks are furnished with each cross chain.

WEED'S CHAIN TIRE GRIPS.

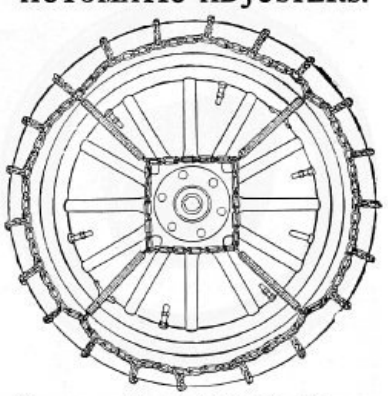


Do not Slip, Slide nor Skid.

	PER PAIR		PER PAIR
28×2½ in.	$5.00	33×4 in.	$ 9.50
30×2½ in.	5.50	34×3 in.	9.50
28×3 in.	6.50	34×3½ in.	9.50
28×3½ in.	6.50	34×4 in.	9.75
30×3 in.	7.00	34×4½ in.	10.00
30×3½ in.	7.00	34×5 in.	10.50
30×4 in.	8.50	36×3 in.	9.75
30×4½ in.	8.50	36×3½ in.	10.00
32×3 in.	8.00	36×4 in.	10.00
32×3½ in.	8.50	36×4½ in.	10.50
32×4 in.	9.00	36×5 in.	11.00
32×4½ in.	9.00		

Bright steel wire, easily attached to any tire.

AUTOMATIC ADJUSTERS.



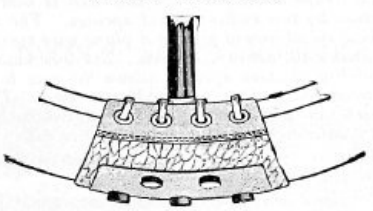
For use on Weed's Chain Tire Grips.

No. 15—.....per pair $1.00

This adjuster is simple in construction and is easily attached. Prevents the grips from striking the platform, and also from rubbing against the mud guards.

Although the adjuster holds the grips fairly taut, it allows enough freedom for progressive action.

TIRE BANDS.



Messinger Anti-Skid.

No. 4—For 2½	in. tires.	each $1.00
No. 5—For 3	in. tires.	" 1.10
No. 6—For 3½	in. tires.	" 1.25
No. 7—For 4	in. tires.	" 1.40
No. 8—For 4½	in. tires.	" 1.50
No. 9—For 5	in. tires.	" 1.75

Simple and easy to apply. Will prevent the wheel from slipping or sliding.

TIRE BANDS.

Messinger.

No. 10—For 2½	in. tires.	each $0.65
No. 11—For 3	in. tires.	" .75
No. 12—For 3½	in. tires.	" .90
No. 13—For 4	in. tires.	" 1.00
No. 14—For 4½	in. tires.	" 1.10
No. 15—For 5	in. tires.	" 1.25

AUTO SHOES.

For Repairing.

No. 1—2½×3	in. sections.	each $1.50
No. 2—3½×4	in. sections.	" 1.75
No. 3—4½×5	in. sections.	" 2.00

An inside shoe or plaster of the best Sea Island fabric, with heavy coat of raw cement, ready for instant use. Being made of Sea Island fabric and vulcanized together makes the shoe as strong as a tire casing.

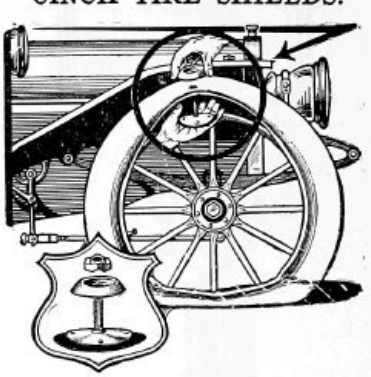
BLOW-OUT PATCHES.

Hagstrom's, for Repairing Shoes or Casings.

No. 20—2½	in.	each $1.75
No. 30—3	in.	" 2.00
No. 40—3½	in.	" 2.25
No. 50—4	in.	" 2.50
No. 60—4½	in.	" 2.75
No. 70—5	in.	" 3.50

Made from automobile tire fabric, covered with rubber, full tire strength, thin flexible edges, making it impossible to injure the inner tube.

CINCH TIRE SHIELDS.

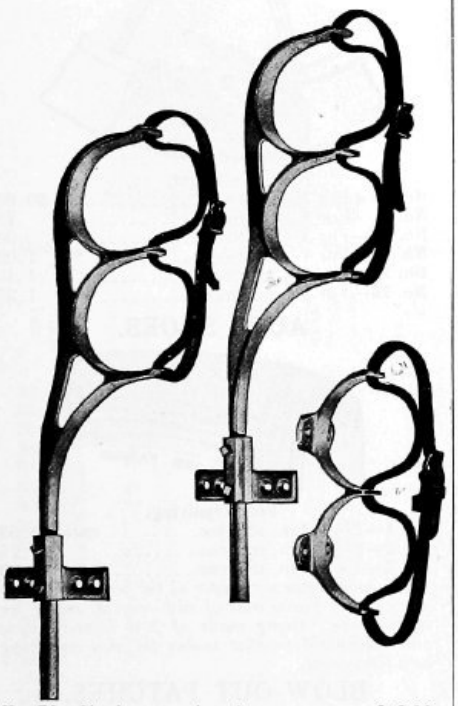


No. 100—For 3 and 3½ in. tires, bottom plate 2×2½ in., short connecting bolt, per dozen.	$ 9.00
No. 200—For 4 to 6 in. tires, bottom plate 2×2½ in., long connecting bolt, per dozen.	9.00
No. 300—For 4 to 6 in. tires, bottom plate 3×4 in., long connecting bolt, per dozen	12.00

These shields are for all blow-outs and tire cuts of the outer casings.

TIRE BRACKETS, TIRE COVERS, ETC.

TIRE BRACKETS.



No. 70—Single extension, brass,..per set $ 8.00
No. 80—Double extension, brass.. " 10.00

Nos. 70 and 80, for holding one or two tires respectively, outside clutch levers or driver's side; they are adjustable for different cars and have, at great expense, been made in full brass only.

Single extension holders, come three pieces to set, two for sides and one for running board.

Double extension come four pieces to set, two for sides and two for running board.

No. 61.

No. 62.

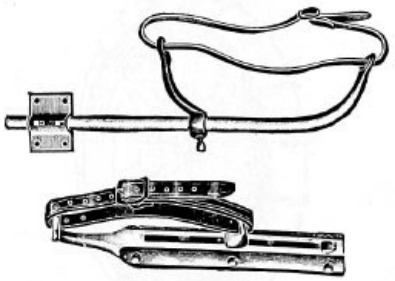
No. 63.

All Brass, with Straps.

No. 60—Set of 3, one each 3, 6 and 9 in. extension.....per set $2.25
No. 61—3 in. extension.....each .35
No. 62—6 in. extension..... " .50
No. 63—9 in. extension..... " .75

These brackets can be easily attached to any part of an automobile.

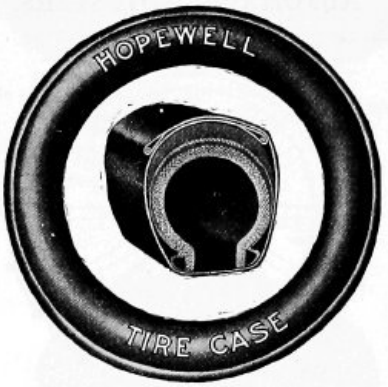
TIRE HOLDERS.



No. 90—SIMPLEX, adjustable, complete, per set..... $8.00

Consists of a set of three pieces—two side-pieces for attaching to the body of the car and one bottom bracket to be attached to running board. Can be adjusted to hold from one to three tires. Made of extra heavy, non-breakable steel, with highly polished brass finish and equipped with strong straps for holding tires.

TIRE CASES.



Hopewell, Perfect Fitting, Easy of Application Neat Appearance.

No. 1H—Enamel black drill, regular sizes, with tube case.....each $4.00

No. 11H—Button pattern, black, regular size.....each 3.00

The Hopewell tire case is a continuous casing, which wraps about the spare tire and is held in position by two endless spiral springs. The use of these spiral wound japanned piano wire springs eliminates all fastening devices. The inherent adjustability of these springs allows the case to fit all treads as well as new and worn tires. This construction prevents wrinkling, and gives a absolutely water-tight and perfect-fitting tire case.

When not in use case can be folded in a very small package.

The tire case is sent enclosed in an enamel drill bag suitable for an inner tube bag, and packed in a cardboard box.

In ordering, state size and make of tire for which the case is wanted, and which of following types:

Clincher detachable, Fisk demountable rim.

NOTE.—For all Goodyear, and 36 inch Diamond clincher, order detachable case. For compressed round or flat tread Michelin, or Dunlop case, order detachable case.

TIRE COVERS.

Laced.

No. 11—Black enameled duck, all sizes, each..... $2.25
No. 12—Maroon, blue, red, green and white enameled duck, all sizes.....each 3.50

A perfect fitting cover for the extra tire when touring. Preserves it from damage by dust, oil or water. Made of best quality Enameled Duck.

Glove-Buttoned.

No. 21—Black enameled duck, all sizes, each..... $3.00
No. 22—Maroon, blue, red, green and white enameled duck, all sizes....each 3.50
No. 23—All colors fabric leather, all sizes, each..... 4.50

A perfect fitting tire cover that will shed water. Made in one piece of best quality enameled duck; water, dust and oil proof.

A neat bag for holding extra inner tube with each tire cover. When ordering, state size, make and style of tire the cover is intended for.

TIRE TRUNKS.

	BLACK.	COLORS.
No. 1N—For 30 and 32 in. tires, 6 in. deep.....each	$11.00	$12.00
No. 2N—For 34 and 36 in. tires, 6 in. deep.....each	11.00	12.00
No. 3N—For 30 and 32 in. tires, 9 in. deep.....each	12.00	14.00
No. 4N—For 34 and 36 in. tires, 9 in. deep.....each	12.00	14.00

These trunks can be furnished in maroon, blue, red, green, white, yellow and French gray.

They are made to fit inside the extra tire that is carried on cars, and arranged with lock, so as to lock cover of trunk and also lock trunk to tire, making a safe place to carry inner tubes and many other articles indispensable while touring. Handsomely bound in leather and well made in every respect. Can also be carried on top of cars with stationary tops.

AUTOMOBILE CHAINS, CHAIN TOOLS, ETC.

BALDWIN BLOCK AUTO AND MACHINERY CHAINS.

Nos.	1	2	3	
Pitch	1	1	1	in.
Width	5/16	3/8	1/2	in.
Per foot	$0.50	.55	.65	

Nos.	4	5	6	
Pitch	1 1/16	1 1/2	1 3/4	in.
Width	1/2	5/8	5/8 or 3/4	in.
Per foot	$1.25	1.33	1.33	

Nos. 4, 5 and 6 are used on Reo and Oldsmobile cars. Nos. 5 and 6 are riveted block chains.

CONNECTING LINKS FOR BALDWIN BLOCK CHAIN.

1 × 5/16 or 3/8 in.	each	$0.10
1 × 1/2 in.	"	.15
1 1/16 × 1/2 in.	"	.20

BALDWIN ROLLER CHAINS.

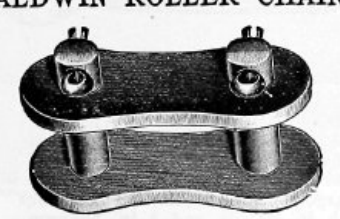
Detachable.

Nos.	PITCH	WIDTH OF ROLL.	DIA. OF ROLL.	STRENGTH LBS.	PER FT.
7	3/4	5/16	15/32	4000	$1.17
8	3/4	3/8	15/32	4000	1.17
9	3/4	1/2	15/32	6000	1.29
10	13/16	3/8	9/16	6000	1.25
11	1	3/8	9/16	6000	1.00
12	1	3/8	5/8	6000	1.00
13	1	1/2	9/16	6000	1.00
14	1	1/2	5/8	6000	1.00
15	1	5/8	5/8	7000	1.17
16	1 1/4	1/2	5/8	7000	1.25
17	1 1/4	5/8	5/8	7000	1.25
18	1 1/4	5/8	3/4	10000	1.25
19	1 1/4	3/4	3/4	10000	1.44
20	1 1/2	5/8	3/4	10000	1.59
21	1 1/2	3/4	3/4	10000	1.59
22	1 1/2	3/4	7/8	12000	1.59
23	1 3/4	1	1	30000	2.08
24	2	1 1/4	1 1/8	30000	2.50

When ordering by number, use new numbers and state whether detachable or riveted chain is wanted.

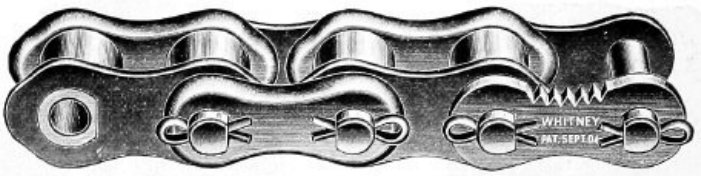
The 1¾ in. and 2 in. pitch chain are designed for trucks. They are all nickel steel and have a tensile strength of about 30,000 pounds. They are a pound and a half to the foot lighter and 25% stronger than any other chain made, of the same pitch.

CONNECTING LINKS FOR BALDWIN ROLLER CHAINS.



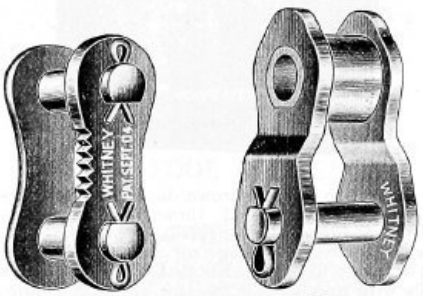
Nos.	65	66	67	68	69	
Pitch	3/4	1	1 1/4	1 1/2	2	in.
Width	5/16 or 3/8	3/8 or 1/2	1/2 or 5/8	5/8 or 3/4	1 1/4	in.
Each	$0.25	.30	.35	.40	1.50	

WHITNEY COTTER PIN CHAINS.



Nos.	PITCH	DIAM. OF ROLL.	WIDTH OF ROLL.	PER FOOT.
1	3/4	15/32	5/16	$1.17
2	3/4	15/32	3/8	1.17
3	3/4	15/32	1/2	1.29
5	1	5/8	3/8	1.00
6	1	5/8	1/2	1.00
7	1	5/8	5/8	1.17
10	1 1/4	3/4	1/2	1.25
11	1 1/4	3/4	5/8	1.25
12	1 1/4	3/4	3/4	1.44
15	1 1/2	7/8	5/8	1.59
16	1 1/2	7/8	3/4	1.59
17	1 1/2	7/8	1	1.80
20	1 3/4	1	1	2.08
30	2	1 1/8	1 1/4	2.50
Winton	1 1/8	17/32	5/8	1.17

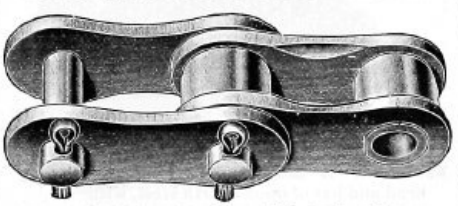
WHITNEY CONNECTING AND OFFSET LINKS.



Connecting. Offset.

Nos.	PITCH	DIAM. OF ROLL.	WIDTH OF ROLL.	CONT'G LINK. EACH.	OFFSET LINK EACH.
1	3/4	15/32	5/16	$0.14	$0.28
2	3/4	15/32	3/8	.14	.28
3	3/4	15/32	1/2	.16	.32
5	1	5/8	3/8	.14	.28
6	1	5/8	1/2	.14	.28
7	1	5/8	5/8	16	.32
10	1 1/4	3/4	1/2	.19	.38
11	1 1/4	3/4	5/8	.19	.38
12	1 1/4	3/4	3/4	.22	.44
15	1 1/2	7/8	5/8	.24	.48
16	1 1/2	7/8	3/4	.24	.48
17	1 1/2	7/8	1	.28	.56
20	1 3/4	1	1	.32	.64
30	2	1 1/8	1 1/4	.44	.88
Winton	1 1/8	17/32	5/8	19	.38

BALDWIN CONNECTING LINKS.

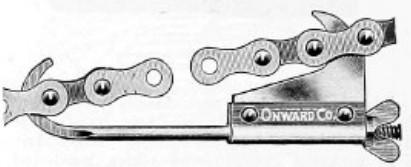


With Inside Link Assembled, F. Repairs.

Nos.	70	71	72	73	
Pitch	3/4	1	1 1/4	1 1/2	in.
Width	5/16 or 3/8	3/8 or 1/2	1/2 or 5/8	5/8 or 3/4	in.
Each	$0.65	.70	.75	.90	

CHAIN TOOLS.

No. 0—CRESCENT, steel, 3/16 in. rod, 8 in. long.....each $0.30



Steel.

No. 1—ONWARD, 1/4 in. rod, 8 in. long, each..... $0.30

No. 2—ONWARD, 5/16 in. rod, 11 in. long, each..... .50

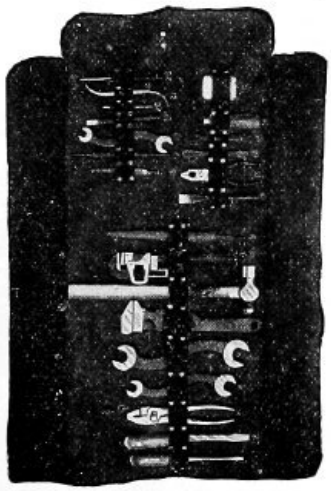
TIRE TOOLS.

No. 15—"EVER READY," with clamp and special lug hook .....each $6.00

Will roll any clincher tire on or off in a few minutes and will not pinch or otherwise injure the inner tube or damage the shoe in any manner. Possesses strength, safety, durability and is as necessary to the tire as the tire is to the motor car.

AUTOMOBILE REPAIR KITS AND WRENCHES.

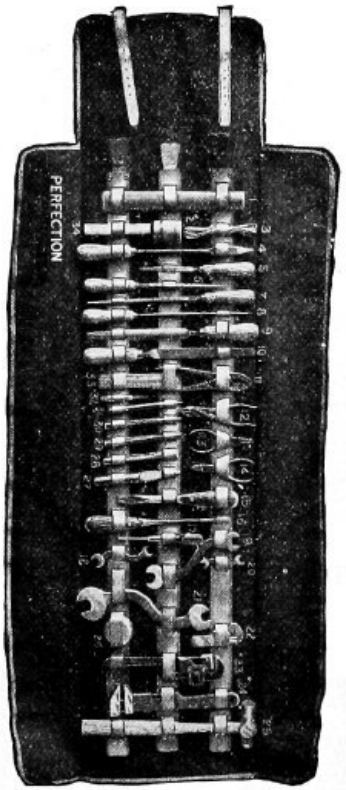
REPAIR KITS.



Rival—heavy duck case, double riveted retaining strap, contains: 5 in. knife handle screw driver, 9½ in. knife handle screw driver, 8 in. nickeled combination pliers, hardened S wrench for 5/16 and 3/8 in. nuts, hardened S wrench for 7/16 and ½ in. nuts, 10 in. "Auto", monkey wrench, ¾ lb. ball pein hammer 10 in. Trimo or Stillson pipe wrench, 8 in. half round file, ½ in. cold chisel, 6 in. side cutting pliers, No. 18 soft copper wire, No. 20 soft copper wire, file handle, assorted cotters, 4 in. flat file, 8 in. round file, hardened S wrench for 3/16 and ¼ in. nuts, 5/16 in. cold chisel, knurled center punch, cotter pin extractor, drive punch, complete, each.. ..... $8.75

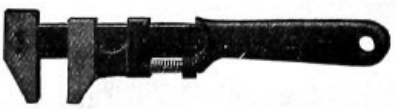
Reliance—best grade waterproof duck case, contains: 1 center punch, 3 solid punches, 3 engineer's wrenches, 1 pair 6 in. side-cutting pliers, 1-¾ in. cold chisel, 1 pair 8 in. comb. pipe pliers, 1-½ in. cape chisel, 1 machinist's hammer, 1-10 in. pipe wrench, 2 perfect handle screw drivers, 1 perfect heavy handled screw driver, 1 screw wrench, 4 files with handles, 1 hollow scraper, 1 cotter pin remover, 1 soldering copper, copper wire, strip solder, soldering paste, complete.....each $10.50

REPAIR KITS.



Perfection—heavy brown duck case, with retaining straps, sewed throughout, contains: 3 sheets Emery cloth, spool soft copper wire, wire solder, soldering copper with handle, 4 in. flat file with handle, 6 in. triangular file with handle, 8 in. square file with handle, 8 in. round file with handle, 8 in. half round file with handle, 8 in. flat file with handle, 8 in. nickeled combination pliers, 6 in. side cutting pliers, 5 in. round nose pliers, 5 in. flat nose pliers, 9½ in. knife handled screw drivers, 6 in. knife handled screw driver, 2½ in. champion screw driver, hardened S wrench for ¼ and 5/16 in. nuts, hardened S wrench for 3/8 and 7/16 in. nuts, hardened S wrench for 7/8 and 9/16 in. nuts, hardened S wrench for ½ and 5/8 in. nuts, nickel plated pocket wrench, 10 in. Trimo or Stillson pipe, wrench for ⅛ to 1 in. pipe, 10 in. auto monkey wrench, ¾ lb. ball pein hammer, 100 assorted cotters, ¼ in. cape chisel, ½ in. cold chisel, drive punch—large, drive punch—medium, drive punch—small, center punch, boxwood rule, soldering stick, complete.....each $16.50

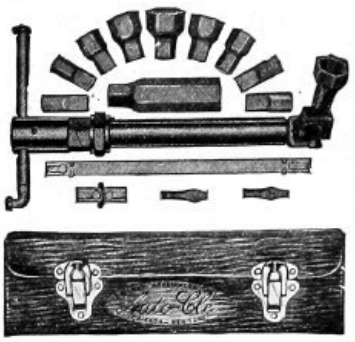
WRENCHES.



No. 5G—W. & B. drop forged, one-piece head and bar of open hearth steel, with indestructible iron handle, thin head and jaws, ground and polished, case-hardened and nicely finished, length 10 in., w't per doz. 19 lbs....per dozen $14.00

ONE IN A BOX.

SOCKET WRENCHES.



No. 11G—Auto-Cle, in leather case, containing 10 sockets, w't 4 lbs..each $10.00

No. 12G—Cle, in wood box, containing 30 sockets, w't 8 lbs.....each 12.00

The Auto-Cle, is a racket wrench having a universal joint and a full line of sockets made of pressed steel, which fits every adjusting nut or bolt on an automobile. The racket can be changed to work in either direction by simply slipping the ring up or down on the face of the ratchet, and if desired the wrench can be made rigid in action by placing the ring between the two ratchets.

RATCHET WRENCHES.

Black Finish, Case-Hardened Throughout. For Removing Automobile Tire Lugs.

No. 25G—Length 6 in., opening ½ in., w't per doz. 4½ lbs.....per dozen $9.00

No. 26G—Length 6 in., opening 9/16 in., w't per doz. 4½ lbs.....per dozen 9.00

No. 27G—Length 6 in., opening 5/8 in., w't per doz. 4½ lbs.....per dozen 9.00

No. 28G—Length 6 in., opening ¾ in., w't per doz. 4½ lbs.....per dozen 9.00

RATCHET WRENCH SETS

As Socket Wrench.

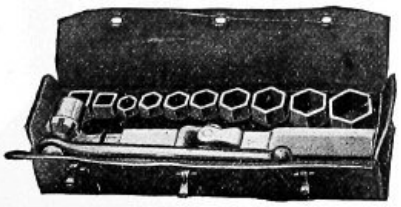
For Hexagon Head Cap Screws, Hexagon Nuts and Spark Plugs.

No. 20G—Steel castings, case-hardened, blue gun metal finish, set consists of one wrench, length 10 in., diameter of head 2 in., thickness of head 7/8 in., hexagon opening 1 1/8 in., and 4 bushings with ¾, 13/16, 7/8 and 1 in. hexagon opening, w't per set 2½ lbs...per set $3.50

To use as a socket wrench, reverse bushing when inserting.

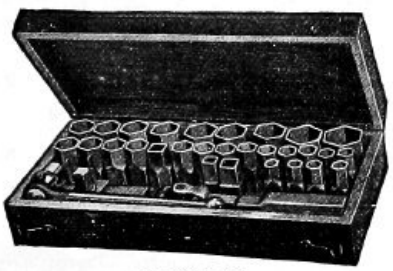
WRENCH SETS, TOOL BOXES, ETC.

RATCHET WRENCH SETS.



The Pick-Up.

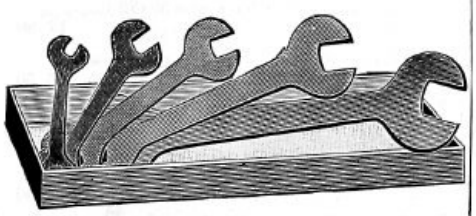
No. 14G—Small auto, all steel, consisting of 1 ratchet handle, 1 Universal joint, 2 screw driver blades, 15 sockets, 1-1¾ in. extension and 1-9½ in. extension.....per set $7.50
ONE SET IN A LEATHER CASE.



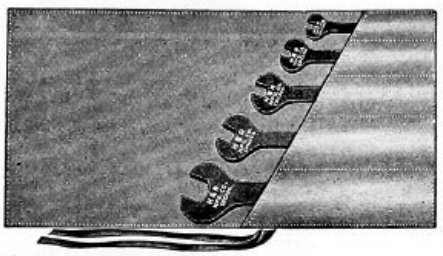
The Pick-Up.

No. 15G—Large auto, all steel, consisting of 1 ratchet handle, 1 Universal joint, 2 screw driver blades, 31 sockets, 1-1¾ in. extension, and 1-9½ in. extension.....per set $10.00
ONE SET IN A WOODEN BOX.

WRENCHES.

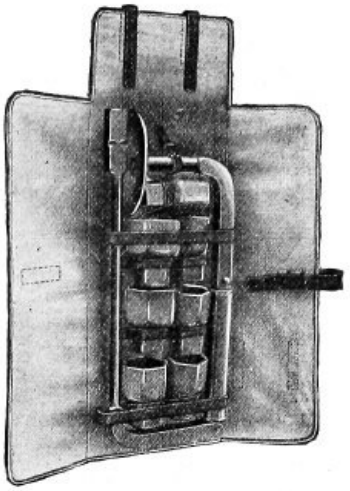


No. 2G—GENERAL SERVICE, set consists of 10 of the following size openings: ¼, 5/16, ⅜, 7/16, ½, 9/16, ⅝, ¾, ⅞ and 1 in., semi-finished set of 5 wrenches, per set $1.75
ONE SET IN A BOX.



No. 3G—GENERAL SERVICE, set consists of 10 of the following sizes: ¼, 5/16, ⅜, 7/16, ½, 9/16, ⅝, ¾, ⅞, and 1 in., semi-finished set of 5 wrenches.....per set $2.00
ONE SET IN A CLOTH ROLL.

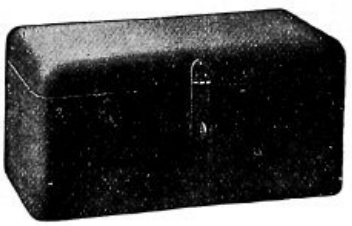
FOLDING WRENCH SETS.



No. 6G—TITUS CLE, consists of a handle, and a full set of 7 interchangeable pressed steel sockets, graded according to size.....per set $5.00

This wrench has a long reach and can be used in getting inside engine cylinders or in adjusting or removing transmissions as well as being invaluable in removing tire lugs.
ONE SET IN A CANVAS CASE.

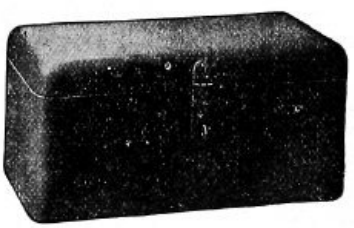
METAL TOOL BOXES.



Heavy Sheet Steel, Rounded Corners, Brass Hasp and Staple.

No. 1A	—16½	× 8½	× 6½		each	$6.00
No. 2B	—18	× 8	× 8½	in.	"	6.00
No. 3BT	—18	×10	× 9	in.	"	6.50
No. 4T	—16½	× 8½	×10	in.	"	6.00
No. 5W	—24	×10	× 9	in.	"	7.00

BATTERY BOXES.



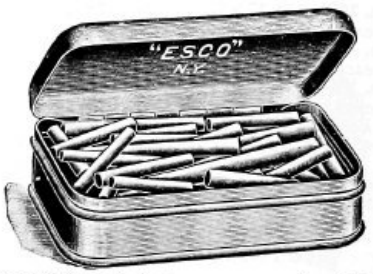
Heavy Sheet Steel, Rounded Corners, Brass Hasp and Staple.

No. 20W	—10	×6½	×10 in.	each	$5.50
No. 30T	—16½	×8½	×10 in.	"	6.00
No. 40E	—19¾	×6½	× 9 in.	"	6.00

COTTER PINS.

100 assorted in a tin box.....per box $0.25

TAPER PINS.



40 assorted in a tin box.....per box $1.00

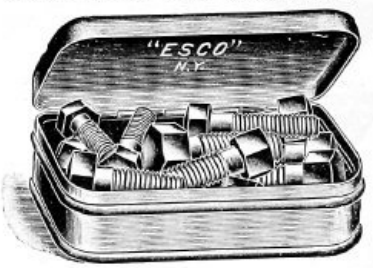
LOCK WASHERS.

35 assorted in a tin box.....per box $0.50

HEXAGON NUTS.

24 assorted in a tin box.....per box $0.50

HEXAGON CAP SCREWS.



12 assorted in a tin box.....per box $0.50

AUTOMOBILE TRUNKS, CASES, ROBES, ETC.

AUTOMOBILE TRUNKS.

Solid Steel Frame, Covered with Black Enameled Leather, Heavy Sole Leather Corners and Trimmings, Linen Lining, Removable Tray, Brass Lock.

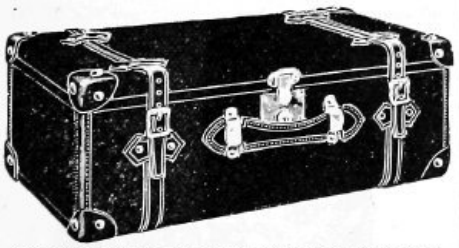
No. 100—26×17×13 in., w't 18 lbs., each..... $16.00

No. 101—28×18×14 in., w't 19 lbs., each..... 17.00

No. 102—30×18×14 in., w't 20 lbs., each..... 18.00

Each trunk is fitted with a removable tray, 3 in. deep. When tray is removed trunk can be used as a ladies' hat trunk, and for general traveling. Well made and beautifully finished, leather handles on ends, and hickory straps around body.

AUTOMOBILE CASES.



Solid Steel Frame, Covered with Black Enameled Canvas, Leather Corners and Binding, Brass Lock, Heavy Leather Handle, Linen Lined, Removable Tray.

No. 110—24×14× 9 in., w't 10 lbs., each..... $10.00

No. 111—26×15×10 in., w't 11 lbs., each..... 11.00

No. 112—28×16×11 in., w't 12 lbs., each..... 12.00

Removable tray furnished with all numbers, which when removed from trunk will allow room for ladies' hats or other clothing.

AUTOMOBILE THIRD SEATS.

No. 40G—⅞ in. japanned steel frame, Brussels carpet top, size 9×9 in., w't per doz. 36 lbs., per dozen..... $9.50

No. 50G—Japanned steel frame, top and bottom upholstered with Brussels carpet, per dozen..... $18.00

No. 55G—Japanned steel frame, top and bottom upholstered with velvet carpet, per dozen 19.00

No. 60G—Nickel plated frame, top and bottom upholstered with Wilton velvet carpet, per dozen..... 30.00

These are very handy as emergency seats in an automobile.

WEIGHT 36 LBS. PER DOZEN.

TIRE TRUNKS.

Good Quality Trunk Board Frame, Covered with Black Enameled Canvas, Leather Bound Edges, Full Cloth Lined, Sole Leather Strap for Attaching to Shoe or Casing.

No. 0—For one 34 in. tire, w't 6½ lbs., each..... $10.00

No. 1—For two 34 in. tires, w't 7½ lbs., each..... 12.00

No. 2—For one 36 in. tire, w't 7½ lbs., each..... 12.00

No. 3—For two 36 in. tires, w't 8 lbs., each..... 15.00

Very convenient for carrying chauffeurs clothing, hats and other accessories. Well finished and strongly made.

Veneer Lumber Frame, Covered with a Heavy Grade of Chase Leather, Full Leather Bound, Brass Lock, Flannel Lined, with Strap for Attaching to Shoe or Casing.

No. 10—For one 34 in. tire, w't 7 lbs., each..... $16.00

No. 11—For two 34 in. tires, w't 8 lbs., each..... 18.00

No. 12—For one 36 in. tire, w't 7½ lbs., each..... 18.00

No. 13—For two 36 in. tires, w't 8½ lbs., each..... 21.00

These trunks are used for the same purposes as the ones shown above except that they are made of more expensive material.

AUTOMOBILE FOOT WARMERS.

No. 7DG — 14 in. long, white metal ends, heavily reinforced, covered with Brussels carpet, slanting top, adjustable end and side ventilators, w't 7 lbs..... each $6.00

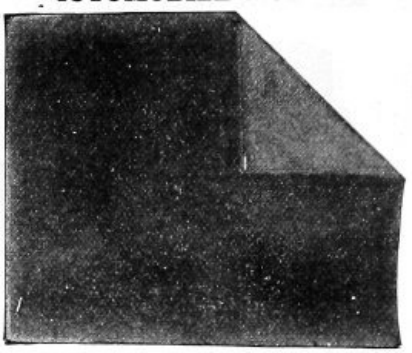
These warmers can be regulated so as to increase or diminish the heat.

FOOT WARMER CARBONS.

No. 57G — CLARK, size 7½×2½×1¼ in., burns from 12 to 15 hours, w't per doz. 6 lbs., per dozen..... $1.50

ONE DOZEN IN A BOX.

AUTOMOBILE ROBES.



No. 3551G—Plain rubber, whipcord back, size 50×72 in.....each $ 2.80

No. 3553G—Green plush, heavy rubber back, size 51×72 in.....each 6.50

No. 3554G—Double plush, green face, black back, size 54×72 in.....each 7.00

No. 3555G—Rubber interlined, otherwise same as in 3554G.....each 9.50

No. 3556G—Leather grain rubber, lined with good quality plush, size 50×72 in.....each 8.50

No. 3557G—Two robes in one, consists of beaver face and back and a rubber robe with Shepherd plaid back, fastened together by ball socket clasps to prevent slipping out of place, adapted for all kinds of weather, can be used for a double or single robe, size 48×72 in.....each 11.40

No. 3558G—Fine green beaver face, lined with black Astrakan, size 50×72 in.....each 12.80

No. 3559G—Fine green beaver face, whipcord back, with adhesive rubber interlining, made as one fabric, size 50×72 in.....each 12.80

No. 3560G—Green beaver face, with good quality plush back, size 59x72 in., each..... 12.80

No. 3561G—Rubber lined, otherwise same as No. 3560G.....each 15.50

No. 3562G—Black broadtail fur design, size 54×86 in.....each 12.80

No. 3566G—Double plush imitation mink face, black plush back, size 54×72 in., each..... 15.00

No. 3567G—Rubber lined, otherwise same as No. 3566G.....each 18.50

No. 3568G—Black mohair face, blue mohair back, size 54×72 in.....each 18.00

No. 3569G—Fine oxford whipcord waterproof and lined with heavy wool Shepherd check, wide hem, 5 rows stitching, size 54×72 in.....each 19.20

No. 3570G—Dark green crush plush face, black plush back, size 52×72 in., each 25.00

No. 3571G—Rubber interlined, otherwise same as No. 3570G.....each 28.00

No. 3574G—Superfine green beaver cloth face, fine quality plain black, plush back, broad layer, 5 rows stitching, size 54×72 in.....each 27.00

No. 3575G—Rubber interlined, otherwise same as No. 3574G.....each 30.50

No. 3578G—Extra fine heavy beaver with extra heavy and long Nile green Duchess plush back, 4 rows stitching round corners, size 54×72 in ...each 56.00

EYE SHIELDS OR GOGGLES.

Non-Strain.

No. 284—For engineers, firemen, auto-drivers, with full vision non-strain removable glasses, special adjustment aluminum frame which can be fitted perfectly to contour of the face, genuine leather lined with silk chenille binding.....per dozen $18.00

No. 285—Extra clear lens for above, per dozen pairs..... 2.00

No. 286—Extra blue or smoked lens for above.....per dozen pairs 4.00

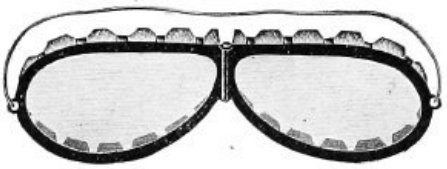
No. 26—Aluminum cups, with ventilating holes, fitted with 1⅝ in. clear glass lenses, set in leather frame with elastic cord.....per dozen $1.70

ONE DOZEN IN A BOX.

No. 25—TEXAS, perforated celluloid, green, blue, smoked or clear, stitched felt rim, smoked or clear mica lenses, rubber cord.....per dozen $1.00

No. 30—TEXAS, brass wire cloth, fine mesh, stitched felt rim, smoked or clear mica lenses, rubber cord....per dozen 3.00

The green celluloid is adapted particularly for snow and water, clear celluloid for anglers, hunters, railway men, etc., the wire gauze for stone cutters, threshers, etc.



No. 20—LAMB'S, mica, heavy felt ventilated rim, fine leather covered case, white, green, blue, smoked or assorted, per dozen..... $4.50

ONE DOZEN IN A BOX.

Double Bulge Extension Lines.

No. 36—Black Texatol, waterproof (better than leather), green lined, soft binding, oval glass lenses, rubber head cord, folds compactly.....per dozen $2.50

ONE DOZEN IN A BOX.

No. 40.

Mechanic's or Automobile.

No. 35—Celluloid, 1½×2¼ in. mica lenses.....per dozen $ 5.50

No. 40—Wire gauze, 1½×2¼ in. glass lenses.....per dozen 9.00

No. 45—Buff leather, 1½×2¼ in. glass lenses.....per dozen 18.00

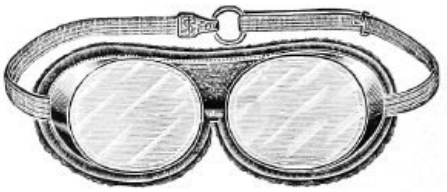
These goggles are practical and serviceable.

HALF DOZEN IN A BOX.

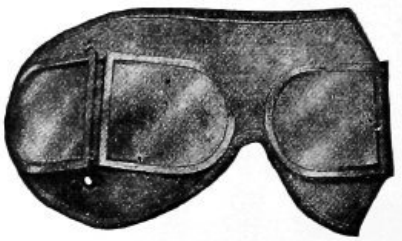
4-Light Goggles. For Horse and Auto Drivers.

No. 37—Black Texatol, waterproof (better than leather), green lined, soft binding, four horse-shoe glass lenses, rubber head cord, folds compactly, per dozen..... $8.00

ONE IN A BOX; ONE DOZEN IN A CARTON.



No. 6—Aluminum cups, ventilated leather center to fold, lined with leather and edged with silk chenille, extra quality, adjustable elastic band....per dozen $10.00



No. 7—Four lenses, metal rimmed, and hinged for folding, tan leather mask with edges silk bound, extra quality, adjustable elastic band...per dozen $12.00

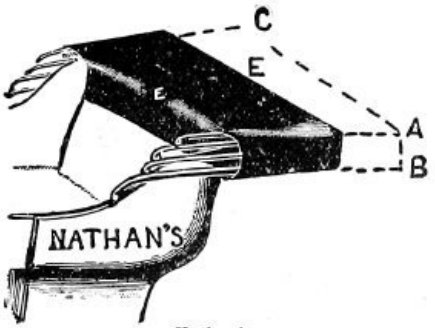
No. 8—Full vision, collapsible egg shaped eye cups, tan leather mask with edges silk bound, extra quality, adjustable elastic band.....per dozen $16.00

No. 5—Collapsible silk eye cups, leather nose piece, silk chenille bound, extra quality, adjustable elastic band. Ladies' size.....per dozen $17.00

No. 9—Gents' size, otherwise same as No. 5.....per dozen 18.00

AUTO COVERS, WEARING APPAREL, ETC.

TOP PROTECTORS.



Nathan's.

No. 16—Enameled duck.....each $5.50
No. 17—Rubber cloth..... " 5.00
No. 18—Fabric leather..... " 8.00

This is needed and fills a long felt want. If the car is equipped with a cape top, the cover will protect it while down and not in use, from dust or moisture. It is easily put up on or taken off. In ordering give number of top and dimensions, viz.: A to B, A to C and E to E.

AUTO COVERS.

Nathan's.

No. 25—Runabout, 144×100 in....each $ 8.00
No. 26—Small tonneau, 180×100 in., each..... 10.00
No. 27—Large tonneau, 216×150 in., each..... 16.00
No. 28—Limousine, 216×250 in...each 28.00

Material, genuine rubber cloth. These are intended as a cover for the car while in garage or in storage as a protection from smoke, dust or dampness.

STORM APRONS.

Nathan's, Superior Quality Rubber Cloth with Dark Brown Back.

No. 19—For runabout cars, 2 openings, each .....$ 7.50
No. 20—For small tonneau cars, 4 openings.....each 11.50
No. 21—For large tonneau cars, 5 openings.....each 13.00

Openings have all improvements for fastening around collar, insuring perfect satisfaction. Openings can also be closed tightly in case machine is left in the rain, keeping everything in the car dry. The rubber cloth used is of best quality, with dyed back, (not printed). They are tailor finished and indispensable for touring.

WASH APRONS.

No. 111—Made of rubber cloth....each $1.50

Useful for many purposes, while repairing car on the road, cleaning machine, etc. Made of superior quality rubber cloth. Will be found a most useful article by automobilists.

AUTOMOBILE COATS.

No. 210—Double texture extra quality drab jean, double breasted, two outside pockets, wind cuffs, made extra full, 54 inches long and fully guaranteed, each.....$10.00
No. 217—Brown or tan jean, double breasted, two outside pockets, wind cuffs, change pocket on sleeve, made extra full, 54 inches long and leather trimmed.....each 12.00

AUTOMOBILE SHIRTS.

Rubber.

No. 1—Black, with case.....each $5.00

This is the ideal garment for motoring and sportsmen. Most comfortable, convenient and satisfactory. Absolutely waterproof. Has wind cuffs and draw string neck. Very light in weight and easy to handle. Folds up to go in case 6x12 inches, making a very compact package. Shipped in small cartons.

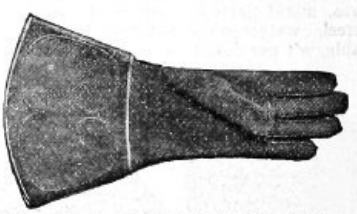
Made in three sizes: Small, medium and large. Specify, when ordering, size desired.

Pure Gum.

No. 11—Men's tan pure gum with carrying bag.....each $6.00
No. 12—Men's maroon pure gum with carrying bag.....each 6.00

There has been considerable demand for an extra quality garment of this construction, and we offer to the trade a pure gum coat made of the finest quality of rubber, and a garment which will give excellent protection from the weather, and entire satisfaction under ordinary service conditions.

AUTOMOBILE GAUNTLETS.



No. 5015—Made of heavy brown duck with chamois skin palm, per dozen pairs..... $9.00

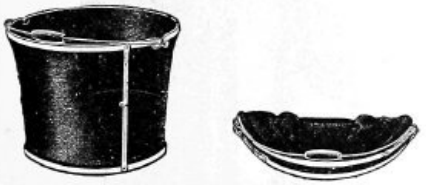
An inexpensive general service automobile gauntlet, can be used around automobile to keep hands and cuffs clean, and will make a cool summer driving glove.

ONE DOZEN PAIRS IN A BOX.

PAILS, BASKETS, APPAREL HOLDERS, ETC.

FOLDING WATER PAILS.

No. 4G—6 qt., single, folding into 11½×5½×2 in., waterproof canvas, metal parts of rust proof spring steel, rigid, portable, strong, w't per doz. 20 lbs.....per dozen $12.00



No. 12G—10 qt., single, folding into 12½×5½×2½ in., waterproof canvas, metal parts of rust proof spring steel, rigid, portable, strong, w't per doz. 23 lbs.....per dozen $18.00

No. 5G—10 qt., single, folding into 12½×5½×2½ in., waterproof canvas, metal parts of rust proof spring steel, fitted with splash guard, strainer and spout, w't per doz. 25 lbs., per dozen..... $24.00

ONE IN A BOX.

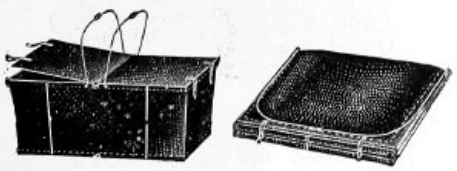
FOLDING HANDY BASKETS.

No. 314G—14×8×5½ in., folding into 9×7×2 in., waterproof canvas, metal parts of rust proof spring steel, watertight, portable, serviceable, w't per doz. 30 lbs.....per dozen $18.00

TWO IN A BOX.

No. 316G—16×9½×7½ in., folding into 10×8×2¼ in., waterproof canvas, metal parts of rust proof spring steel, watertight, portable, serviceable, w't per doz. 44 lbs....per dozen $21.00

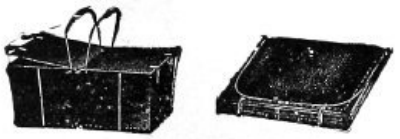
ONE IN A BOX.



No. 318G—18×11×9½ in., folding into 12×9×2½ in., waterproof canvas, metal parts of rust proof spring steel, watertight, portable, serviceable, w't per doz. 54 lbs.....per dozen $27 00

ONE IN A BOX.

FOLDING VENTILATED BASKETS.

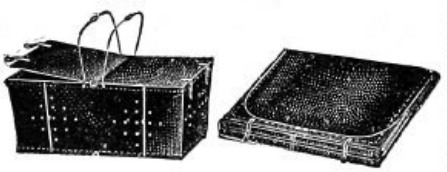


No. 414G—14×8×5½ in., folding into 9×7×2 in., waterproof canvas, metal parts of rust proof spring steel, bottom and side fitted with metal eyelets for ventilation, w't per doz. 30 lbs., per dozen..... $24.00

TWO IN A BOX.

No. 416G—16×9½×7½ in., folding into 10×8×2¼ in., waterproof canvas, metal parts of rust proof spring steel, bottom and side fitted with metal eyelets for ventilation, w't per doz. 42 lbs.....per dozen 27.00

ONE IN A BOX.



No. 418G—18×11×9½ in., folding into 12×9×2½ in., waterproof canvas, metal parts of rust proof spring steel, bottom and side fitted with metal eyelets for ventilation, w't per doz. 54 lbs .....per dozen $33.00

Nos. 414G, 416G, and 418G are superior to any other basket for birds, cats, dogs or fish. They can be washed and kept clean and sweet.

ONE IN A BOX.

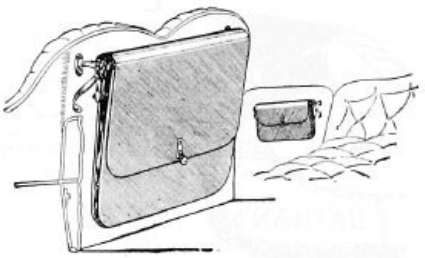
REFRIGERATOR BASKETS.

No. 40—HAWKEYE, 14×9×7 in., rattan, metal lined with layer of asbestos and felt between, ice compartment at one end which is easily removed, lid made same as body of basket, heavy felt being piped all around the edges making it air tight when straps are fastened, lining is rust proof, top and handles polished, w't per doz. 96 lbs..per dozen $48.00

No. 41—18×10×8 in., w't per doz. 108 lbs., otherwise same as No. 40, per dozen..... 60.00

No. 42—20×13×10 in., w't per doz. 120 lbs., otherwise same as No. 40, per dozen..... 72.00

ROBE AND APPAREL HOLDERS.

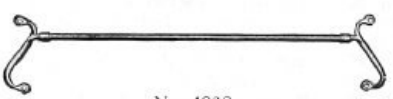


No. 5—Style A, extra fine quality canvas, brown or tan.....each $20.00

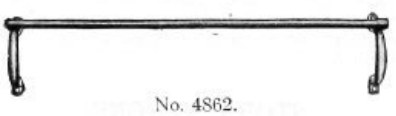
No. 10—Style C, black, triple enameled imitation patent leather.....each 25.00

These are not ordinary bags suspended from the back of the front seat by a brass rail in which all the motorists' belongings are promiscuously thrown in, but is designed to allow for arrangement of its contents by the ingenious action of the center rod which carries the weight and when open for inspection raises flush with the top of the bag and when closed recedes below the mouth of the bag, allowing it to close regardless of the quantity or bulk of its contents and retains it in the exact position it was arranged on the rod heedless of the jar of the vehicle.

COAT OR ROBE RAILS.



No. 4868.



No. 4862.

Polished Brass, Strongly Made.

No. 4868.....each $3.00

No. 4862..... " 3.00

The above rails are a necessity for every tonneau, whether a light or heavy touring car.

In ordering, distance from center of the rail to center of holes in handles should be given, and if you desire handle to come around more to end of seat, pattern of curve with dimensions should be given.

FOOT RAILS OR RESTS.

No. 4867—Polished brass.....each $3.00

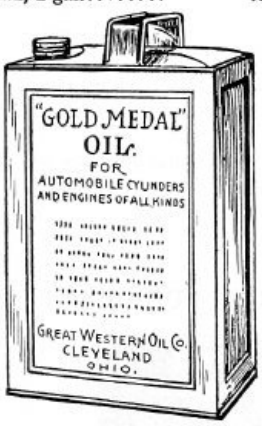
Foot rails are a necessity in tonneaus, to enable the occupants to keep themselves in a comfortable position They are folding, but are not adjustable.

AUTOMOBILE OILS, POLISHES, WASHERS, ETC.

AUTOMOBILE CYLINDER OILS.

Harris, For General Use on Automobiles, Furnished in Three Grades.

		LIGHT.	MED.	HEAVY.
Bbl. 50 gals.	per gal.	$0.60	.60	.60
Half bbl. 30-35 gals	"	.65	.65	.65
Can, 5 gals.	"	.70	.70	.70
Can, 1 gal.	"	.80	.80	.80



It has a 500° fire test, 30° gravity 230 viscosity and a very low cold test. Making it a good serviceable oil.

Gold Medal, a High Grade Cylinder Oil.

1 gallon can	per gallon	$1.00
5 gallon can	"	.80

Valvoline, a Gas Engine Cylinder Oil.

1, 5, and 10 gal. cans	per gallon	$0.75
Barrels and half barrels	"	.60

HAND SOAP.

"Sopo" sanitary hand soap is powdered soap mixed with soft meal, and will take off the oil and dirt in a quick and easy manner. Is especially adapted to machine shops and garages. Will not injure the skin.

Sopo — Put up in a tin sifter can..per can $0.10

HAND SOAP.

Skidoo.

12 oz. can.....per can $0.15

For all mechanics and others who work with their hands, and who require a soap to act quickly and thoroughly without injury to the skin, will find skidoo the finest preparation ever put out for their purpose. It removes grease and dirt like magic.

AUTOMOBILE CREAM POLISH.

Rex, for Polishing Lamps, Brass, Nickel, Etc.

¼ pt. cans	per dozen	$ 1.80
½ pt. cans	"	3.00
1 pt. cans	"	4.80
1 qt. cans	"	6.00
½ gal. cans	"	12.00
1 gal. cans	"	18.00

Rex metal cream polish contains the best cleaning and polishing agents chemically combined. It is free from acid and grit, and gives a beautiful luster with out much labor.

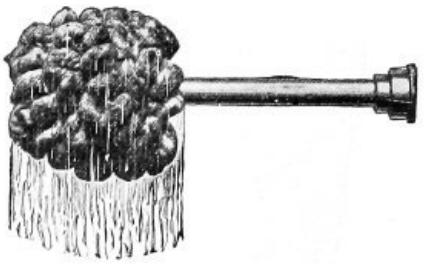
AUTOMOBILE BODY POLISH.

Mat's, Prevents Finish from Cracking or Staining, Gives the Body a Beautiful Lustre.

½ pt. can	per dozen	$ 3.00
1 pt. can	"	6.00
1 qt. can	"	12.00
½ gal. can	"	18.00
1 gal. can	"	30.00

Mat's body polish can be used on the leather upholstering as well as the body of an auto, and will give a very brilliant finish. Positively contains no acid. Dries quickly, softens all leather and renders it waterproof.

AUTOMOBILE WASHERS.



No. 10 G—PERFECT, cotton yarn mop, nickel plated brass holder or tube, threaded for hose couplings.....each $1.75
Extra tops, for the above..... " 0.50

When attached to hose the water runs through top continually, keeping it free from grit and insuring against scratching polished surfaces. Moreover water will not numb the hands and the construction makes squirting or splashing impossible. Will clean between spokes and under fenders.

COTTON WASTE.

No. 1G—Best quality, white cotton, per pound..... $0.15

Sold in any quantity.

OILY WASTE CANS.

Galvanized Iron, Self-Closing Cover, with Legs.

No. 1½G—11×14 in., w't per doz. 104 lbs.....per dozen $21.00
No. 2½G—12×18 in., w't per doz. 120 lbs.....per dozen 30.00
No. 3½G—13×20 in., w't per doz. 144 lbs.....per dozen 36.00
No. 4½G—14×22 in., w't per doz. 180 lbs.....per dozen 42.00
No. 5½G—15×24 in., w't per doz. 190 lbs..... " 48.00

AUTOMOBILE SOAPS, LUBRICANTS, ETC.

GREEN OIL SOAP.

5-lb. pails	each	$1.00
10-lb. pails	"	1.50
25-lb. pails	"	2.50
50-lb. pails	"	4.25
½-Barrel	per pound	.10
Barrels	"	.09

For cleaning automobiles, carriages, varnished surfaces and harness. Does not injure the varnish, paint or leather. Quickly removes grease, stains and dirt from autos, leather, clothing, hands, etc., without the least injury. Does not necessitate an additional application of a finishing polish to restore the lustre to the auto bed. This soap has been tested on a highly polished wood panel 1350 times and the polish and finish is still perfect.

GRE-SOLVENT.

10-oz. can	per dozen	$1.20
2-lb. can	"	3.00
4-lb. can	"	6.00
9-lb. can	"	12.00

It is the best preparation known and has no equal for removing dirt, grease and stains of all kinds. It contains no harmful ingredients and is acknowledged by all users of automobiles to be the best hand soap on the market

AUTOMOBILE OILS.

K00 and K000 Non Fluid.

3-lb. cans	each	$0.75
5-lb. cans	"	1.25
10-lb. cans	"	2.00
20-lb. cans	"	3.50
50-lb. cans	"	7.50

K00 is used for transmission gear cases, does not leak or throw out of case.

K000 is used for packing differentials, axles, rollers and ball bearings.

Always specify which grade is wanted when ordering.

Helmet Oil (or Grease).

1-lb. cans	each	$0.50
3-lb. cans	"	1.50
5-lb. cans	"	2.25
10-lb. cans	"	4.25

A fine lubricant for gears, etc., also for use in grease cups, etc.

GRAPHITOLEO.

Dixon's.

8-oz. Collapsible Tubes (36 in box), per dozen		$5.00
1-lb. Package (36 in box)	per pound	.55
5-lb. Package (10 in box)	"	.50
10-lb. Package (6 in box)	"	.45
25-lb. Package	"	.40
100-lb. Package	"	.35

A preparation of very finely pulverized and very choice graphite and a pure petrolatum, for lubricating automobile engine slides, chains, gears, etc. Can be mixed with oil for cylinder.

AUTOMOBILE GREASE.

Albany.

1-lb. cans	each	$0.30
5-lb. cans	"	1.20
10-lb. cans	"	2.25
25-lb. cans	"	5.25
50-lb. cans	"	9.75
100-lb. kegs	per pound	.18
Barrels and ½-barrels	"	.15

Albany, for Automobile Transmission Use.

No. 0—For use in winter.
No. 1—For use in summer.

Albany, Compression Cups and Axle Caps.

No. 2—For use in winter.
No. 3—For use in summer.

Specify sizes above when ordering.

GRAPHITE LUBRICANT.

Dixon's No. 677.

1-lb. Package (36 in box)	per package	$ 0.35
5-lb. Package (10 in box)	"	1.50
10-lb. Package (6 in box)	"	2.50
25-lb. Package	"	6.25
50-lb. Package	"	12.50

A graphited grease especially prepared for the lubrication of the bearings and gears of automobiles, motor boats, etc.

MOTOR CHAIN COMPOUND.

Dixon's.

No. 25—Solid cake, size 7½×3½×2¼ in. ..... each $1.00

ONE IN A BOX.

PAINTS, OILS VARNISHES

AND

PAINTERS' SUPPLIES

Our "Inspected House Paints" mark the beginning of a new era in paint making and selling. Satisfied that the public wants just as high a standard maintained in the making of paint as in preparation of foods and meats, we have spared nothing to procure the best house paint formulas of known value, to place the making of the paints in the hands of master paint makers, and to establish our own Bureau of Inspection to insure by careful chemical analysis that every gallon of Inspected "Our Very Best" or "Rev-o-noc" House Paint is strictly pure and according to formula.

Remember, too, that mere "Purity" in a house paint does not insure the good wearing and protective qualities for which paint is desired. The poorest paint made can easily be made from "pure" materials. Only by knowing that the formula is good as well as the materials pure, can one be sure of good paint.

So sure are we of the exceptionally good value of "Our Very Best" and "Rev-o-noc" formulas, that we print them upon every can and package, together with our guaranty.

Under these conditions and with our large line of all kinds of painting materials, we are in an unparalleled position to take care of the paint dealer.

HIBBARD, SPENCER, BARTLETT & CO.

STATE STREET BRIDGE

CHICAGO.

"OUR VERY BEST" MIXED HOUSE PAINTS.

PURE OUR VERY BEST PAINT

GUARANTY.

WE GUARANTEE "OUR VERY BEST" MIXED PAINT TO BE STRICTLY PURE, CONSISTING OF

Pigment Base.

STRICTLY PURE SUBLIMED WHITE LEAD - - - - - 50%
STRICTLY PURE OXIDE OF ZINC - - - - - - - 50%
AND NECESSARY PURE COLORING MATTER TO MAKE THIS TINT.

Liquid.

STRICTLY PURE RAW LINSEED OIL - - - - - - - 91%
STRICTLY PURE SPIRITS OF TURPENTINE AND DRIER - - 9%

"OUR VERY BEST" MIXED PAINT IS SOLD SUBJECT TO CHEMICAL ANALYSIS AND IS GUARANTEED BY HIBBARD, SPENCER, BARTLETT & CO., ESTABLISHED IN 1855.

Hibbard Spencer Bartlett & Co.

"OUR VERY BEST" paint is good because it is a conscientious paint and only the best materials are used in its manufacture.

The formula is just what would be selected by an expert house painter who desired to secure the best appearance and most durable surface.

It will cover as much surface and wear as long as any paint manufactured.

It is better than any paint which a painter could make.

It is better because we have means of testing the materials and guarantee their absolute purity.

It is better because it is prepared with mathematical accuracy.

It is better because the proper amount of each ingredient, without regard to cost, is used to produce the best results.

It is better because no painter has the heavy machinery necessary for properly grinding and mixing.

It is BEST because we can make it no better.

Outside White, Inside White and all Shades, Except Nos. 914, 930, 946, and 947.

Barrels and Half Barrels, - - - -	per gallon $1.95
5 gal. Kits, - - - - - -	" 2.02
1 gal. Cans, - - - - - -	" 2.10
½ gal. Cans, - - - - - -	" 2.19
1 qt. Cans, - - - - - -	" 2.25
1 pt. Cans, - - - - - -	" 2.30

		No. 914.	No. 930.
Barrels and Half Barrels, - - -	per gallon	$2.70	$2.32
5 gal. Kits, - - - - -	"	2.77	2.40
1 gal. Cans, - - - - -	"	2.85	2.47
½ gal. Cans, - - - -	"	2.92	2.55
1 qt. Cans, - - - - -	"	3.00	2.62
1 pt. Cans, - - - - -	"	3.07	2.70

		No. 946.	No. 947.
Barrels and Half Barrels, - -	per gallon	$2.32	$2.32
5 gal. Kits, - - - - -	"	2.40	2.40
1 gal. Cans, - - - - -	"	2.47	2.47
½ gal. Cans, - - - -	"	2.55	2.55
1 qt. Cans, - - - - -	"	2.62	2.62
1 pt. Cans, - - - -	"	2.70	2.70

To Ascertain the Amount of Paint Needed for a Job.

EXAMPLE.

Front - - - - - -	40 feet
Rear - - - - - -	40 "
Side - - - - - -	50 "
Side - - - - - -	50 "
	180
Multiply by average height	20
Divide by 300) 3600 (	12 gals.

Figure one gallon of "OUR VERY BEST" paint will cover 300 square feet two coats on an average good surface; if it is rough and uneven more paint will be needed.

For priming coat do not use a cheap primer. Use "OUR VERY BEST" paint, reduced according to directions. The finishing coat is to be applied as received in the package after being thoroughly stirred.

Use only strictly pure boiled linseed oil for thinning.

DIRECTIONS.

Stir thoroughly before using. Putty all nail holes, and shellac all knots, pitchy or sappy parts. The surface to be painted should be dry and free from dust, dirt or grease. If paint is too thick, thin with boiled linseed oil for outside; for inside, small quantity of turpentine may be used. Let first coat dry hard before applying second.

How Mixed Paints are Packed.

6 one gallon cans in a case.
12 half gallon cans in a case.
24 quart cans in a case.
48 pint cans in a case.
96 half pint cans in a case.

"OUR VERY BEST" MIXED HOUSE PAINTS.

PURE OVB OUR VERY BEST PAINTS.

	FRENCH GRAY	DEEP SEA GREEN.	MOSS GREEN.	
	909	919	929	
BLUE GRAY.	LEAD.	PINK.	CARMINE.	LEATHER.
900	910	920	*930	939
DRAB.	LEMON.	TERRA COTTA.	NEUTRAL DRAB.	LIGHT STRAW.
901	911	921	931	940
DEEP CREAM.	BRICK RED.	WILLOW GREEN.	VIENNA DRAB.	APPLE GREEN.
902	912	922	932	941
GREEN TINT.	RUSSIAN GRAY.	DEEP OLIVE.	FLESH TINT.	CANARY.
903	913	923	933	942
LILAC.	BLIND GREEN	LIGHT OLIVE.	FAWN.	LIGHT PEARL.
904	*914	924	934	943
SKY BLUE.	CEYLON RED.	BUFF.	SEA GREEN.	AMBER.
905	915	925	935	944
MEDIUM OLIVE.	TINTED WHITE.	SILVER GRAY.	WARM GRAY.	MOROCCO BROWN.
906	916	926	936	945
BOTTLE GREEN.	LIGHT SAGE.	SLATE.	PEA GREEN.	CHERRY.
907	917	927	937	*946
CEILING BLUE	LIGHT MANILA.	PEARL GRAY.	LT. TERRA COTTA.	TUSCAN.
908	918	928	938	*947

ALSO OUTSIDE WHITE, INSIDE WHITE AND BLACK.

★ *COLORS MARKED * ARE HIGHER IN PRICE THAN WHITE OR ORDINARY TINTS.*

"OUR VERY BEST" PORCH AND FLOOR PAINTS.

"OUR VERY BEST" FLOOR PAINT.

Colors Permanent, Dries Hard over Night.

Regular Shades.

1 gal. Cans,	per gallon	$1.50
½ gal. Cans,	"	1.57
1 qt. Cans,	"	1.65

No. 788. Starred Shade.

1 gal. Cans,	per gallon	$1.87
½ gal. Cans,	"	1.95
¼ gal. Cans,	"	2.02

In beauty of finish, body and durability, we consider it superior, for ordinary inside work, to any floor paint now on the market.

It dries hard over night—no stickiness. It is all ready for the brush after a thorough stirring.

"Our Very Best" floor paint will outwear the majority of floor paints. It cements the cracks, fills the pores of the wood, makes a hard, serviceable coating. Floors are washed often, and "Our Very Best" floor paint stands hard scrubbing—almost like stone. One gallon covers 250 square feet, two coats.

"Our Very Best" floor paint comes in several desirable shades, as shown below.

No. 794. SLATE.

No. 795. LIGHT TERRA COTTA.

No. 789. YELLOW.

No. 797. INDIAN RED.

No. 791. SAXON GREEN

No. 798. BROWN

No. 790. DRAB.

No. 793. DARK OAK.

No. 792. LIGHT OAK.

No. 796. FRENCH GRAY.

No. *788. RED

** STARRED SHADES ARE HIGHER IN PRICE THAN ORDINARY TINTS.*

"OUR VERY BEST" PORCH PAINT.

Made for Painting Outside Steps and Porches.

1 gal. Cans,	per gallon	$1.92
½ gal. Cans,	"	1.95
¼ gal. Cans,	"	2.02

Dries absolutely hard, retains its glossy appearance and is capable of long wear. Subjected to every change in the weather, continually walked upon, scrubbed and cleaned, "Our Very Best" porch paint will be found to possess those qualities necessary to a paint able to withstand such severe tests. Made in four shades as below.

No. 767. RUSSET BROWN.

No. 764. LIGHT GRAY.

No. 765. LIGHT SLATE.

No. 766. DARK SLATE.

"OUR VERY BEST" FLOOR PAINT ASSORTMENT.

Containing 10 Gallons, Consisting of 25 Assorted Cans.

	GAL.	½ GAL.	¼ GAL.
No. 789—Yellow,	1	2	3
No. 794—Slate,	1	2	3
No. 797—Indian Red,		2	3
No. 793—Dark Oak,		1	2
No. 798—Brown,		1	2
No. 796—French Gray,		1	1

No. 10 Assortment, per assortment $15.00

"OUR VERY BEST" FLOOR PAINT ASSORTMENT.

Containing 19¼ Gallons, Consisting of 50 Assorted Cans.

	GAL.	½ GAL.	QT.
No. 789—Yellow,	1	2	4
No. 794—Slate,	1	2	4
No. 797—Indian Red,	1	2	4
No. 793—Dark Oak,	1	2	4
No. 798—Brown,	1	2	4
No. 796—French Gray,		2	3
No. 795—Light Terra Cotta,		1	2
No. 792—Light Oak,		1	2
No. 791—Saxon Green,			2
No. 790—Drab,			1
No. 788—Red,			1

No. 20 Assortment, per assortment $30.00

"OUR VERY BEST" PAINTS.

"OUR VERY BEST" CARRIAGE PAINT.

Ready for Use.

For Repainting Buggies, Carriages, Garden Chairs, Settees Etc.,

Ordinary Colors.

1 qt. Cans,	per dozen	$7.87
1 pt. Cans,	"	4.65
½ pt. Cans,	"	3.15

Vermilion or Carmine.

1 qt. Cans,	per dozen	$10.35
1 pt. Cans,	"	6.22
½ pt. Cans,	"	4.12

"Our Very Best" Carriage Paints are made of the purest colors These colors are ground and reground in the finest carriage varnish until every particle is in the finest state of subdivision obtainable.

"Our Very Best" Carriage Paints give a handsome, uniform, mirror-like gloss. They dry as quickly as is consistent with good wearing qualities.

A buggy can be painted to-day and used to-morrow. It does not need rubbing, nor a coat of varnish over it.

GUARANTEED TO SATISFY

WINE YELLOW

SURREY GREEN TALLY-HO RED

CARMINE COACH GREEN

BLACK VERMILION

"OUR VERY BEST" WAGON AND IMPLEMENT PAINT.

For Painting Carts, Wagons and Farm Implements.

Dries Hard Over Night. Ready for Use.

1 gal. Cans,	per gallon	$1.90
½ gal. Cans,	"	1.85
1 qt. Cans,	"	2.10
1 pt. Cans,	"	2.40

Made for re-painting lumber wagons, sleighs and farm implements. It readily flows from the brush, is of good body, and dries hard. It will not blister. This paint is made of most durable pigments, ground in a good coach varnish. It will resist the wear and tear to which a lumber wagon is subjected, besides remaining bright. A coat of this paint on a farm wagon, dray, truck or express wagon will make it look like new and lengthen its life of usefulness. It's ready for the brush.

PERMANENT RED YELLOW

GREEN VERMILION

BLACK BLUE

"OUR VERY BEST" CARRIAGE PAINT.

Assortment Containing 40 Cans, Assorted, as Follows:

	½ PTS.	1 PTS.	1 QTS.
Wine,	2	3	1
Surrey Green,	2	3	1
Black,	2	5	1
Yellow,	2	5	1
Tally-Ho Red,	2	3	1
Coach Green,	2	3	1
	12	22	6

No.—100 Assortment, per assortment $15.00

"OUR VERY BEST" PAINTS AND STAINS.

"OUR VERY BEST" VARNISH STAIN.

Ready for Use.

Barrels,	per gallon	$1.57
5 gal. Jacket Cans,	"	1.65
1 gal. Cans,	"	1.72
½ gal. Cans,	"	1.80
1 qt. Cans,	"	1.87
1 pt. Cans,	per dozen	3.00
½ pt. Cans,	"	2.40

Pure linseed oil combined with fine copal varnish produces durability in stains for all woodwork. The linseed oil binds it firmly to the wood, while the varnish gives it the luster. To these are added durable, non-fading pigment colors.

This stain is made to fill the demand for either varnish stain or oil stain and will be found just as represented.

For imitating these natural woods, and as a "reviver" of old furniture, it cannot be excelled.

GROUND COLOR. CHERRY.

LIGHT OAK. DARK OAK.

WEATHERED OAK. WALNUT.

MAHOGANY. ROSEWOOD.

"OUR VERY BEST" FLOOR AND FURNITURE STAIN.

Ready for Use.
Applied Same as Varnish.

1 gal. Cans,	per gallon	$2.62
½ gal. Cans,	"	2.85
1 qt. Cans,	"	3.15
1 pt. Cans,	per dozen	5.04
½ pt. Cans,	"	2.70

Colors used in "Our Very Best" floor stain will not fade.

They have a brilliancy and luster—different from many so called stains. This stain is made of highest grade floor varnish and coloring matter that make an ideal floor finish.

"Our Very Best" floor stain renews a natural wood finish to old or new pine, or hardwood. It brings out the markings of the grain, resulting in many handsome effects.

"Our Very Best" is ready for use and applied in the same manner as varnish. As an all-around varnish stain it is hard to beat.

NATURAL WOOD. FLAT WHITE.

LIGHT OAK. GLOSS WHITE.

CHERRY. GROUND COLOR.

WALNUT. GREEN.

MAHOGANY. FLAT BLACK.

DARK OAK. GLOSS BLACK.

"OUR VERY BEST" SCREEN DOOR PAINT.

Ready for Use. For Painting Window Screens and Screen Doors.

1 qt. Cans,	per dozen	$4.50
1 pt. Cans,	"	2.70
½ pt. Cans,	"	1.62

Our screen paint is intended for painting both the frame and the wire, and is made expressly for the purpose.

BOTTLE GREEN.

LAWN GREEN.

BLACK.

"OUR VERY BEST" VERANDA PAINT.

Ready for Use. For Painting Porch Chairs, Settees, Flower Stands and Outdoor Furniture.

1 qt. Cans,	per dozen	$8.10
1 pt. Cans,	"	4.86
½ pt. Cans,	"	3.24

Made from permanent pigments, ground in durable, outside spar varnish. This combination dries exceptionally hard, resulting in a covering that defies atmospheric changes.

PIAZZA RED.

PIAZZA GREEN.

"OUR VERY BEST" INTERIOR ENAMEL.

FOR WALLS AND WOOD WORK.

"Our Very Best" Enamel Covers Well, Dries Hard, and Will Stand Washing.

1 gal. Cans,	per gallon	$1.87
½ gal. Cans,	"	1.95
¼ gal. Cans,	"	2.02
⅛ gal. Cans,	"	2.17
1/16 gal. Cans,	"	2.47

"Our Very Best" interior enamels are ground in a very elastic mixing varnish of superior quality, and are made with special references to inside painting. The colors are the latest and most popular for interior decoration. They dry quickly with an enamel gloss finish and are permanent and durable.

No. 1201. WHITE.	No. 1205. CARMINE.	No. 1210. PALE VIOLET.	No. 1214. DARK PINK.
No. 1202. VIOLET.	No. 1206. TERRA COTTA.	No. 1211. SILVER GRAY.	No. 1216. ROBIN'S EGG.
No. 1204. ROSE COLOR.	No. 1208. CANARY	No. 1212. SILK GREEN.	No. 1217. MILITARY BLUE.
No. 1207. OLIVE GREEN.	No. 1209. IVORY.	No. 1213. PEA GREEN.	No. 1218. FLESH.

"OUR VERY BEST" LIQUID ENAMEL.

For Interior Decorative Work of Every Description.

1 gal. Cans,	per gallon	$2.34
½ gal. Cans,	"	2.42
1 qt. Cans,	"	2.70
1 pt. Cans,	per dozen	3.24
½ pt. Cans,	"	3.17
¼ pt. Cans,	"	1.62

Dries with a gloss like porcelain. Can be used on bicycles, bird cages, chairs, mirrors, picture frames, vases, jardinieres and furniture of every description. Can be washed with soap and water.

LIGHT BLUE.	TURQUOISE.	PEACH.	SCARLET.
IVORY.	OLD ROSE.	OLIVE.	LAVENDER.
DARK BLUE.	SHELL PINK.	PINK.	
FLESH.	SEA GREEN.	CANARY.	Also Made in Black and White.

"OUR VERY BEST" PAINTS AND ENAMELS.

"OUR VERY BEST" BATH TUB ENAMEL.

Ready for Use. Apply with Varnish Brush. Three Coats Will Produce a Hard Porcelain Finish.

1 gal. Cans, White,	per gallon	$3.37
½ gal. Cans, White,	"	3.75
1 qt. Cans, White,	"	3.60
1 pt. Cans, White,	per dozen	6.52
½ pt. Cans, White,	"	3.75

"Our Very Best" bath tub enamel is made for use on the inside of bath tubs. Will stand hot and cold water.

"OUR VERY BEST" RADIATOR ENAMEL.

Intended for radiators, steam pipes and other not surfaces.

Made in the following shades: Canary, light blue, sea green, olive, dark green, royal blue, light wine, scarlet, terra cotta and pink.

For Painting Radiators. Dries with High Gloss Finish.

5 gal. Cans,	per gallon	$1.95
1 gal. Cans,	"	2.02
½ gal. Cans,	"	2.10
¼ gal. Cans,	"	2.17
1 pt. Cans,	"	2.32

"OUR VERY BEST" STORE FRONT PAINT.

Ready for Use for Painting Store Fronts, Entrances, Iron Columns, Railings, Etc.

1 gal. Cans,	per gallon	$2.25
½ gal. Cans,	"	2.32
¼ gal. Cans,	"	2.40

BRIGHT RED. ROYAL RED.

GREEN.

"OUR VERY BEST" HOUSEHOLD PAINT.

Ready for Use. Made Especially to Meet the Wants of Consumers who Find Opportunity for Using Small Quantities of Paint of a High Grade. Made in Twenty-Two Shades, Including Black and White.

½ pt. Cans, regular colors, not starred, - - - each $0.13
½ pt. Cans, starred colors, Nos. 639, 632, 640, 631, 635 and 624, - - - - - - - - each .18

624 DARK BLUE. 625 OLIVE. 643 BUFF. *635 CHERRY RED.

642 LILAC. 626 LIGHT DRAB. 633 INDIAN RED. 630 DARK GRAY.

637 LIGHT STONE. 627 DARK BROWN. 634 TERRA COTTA. 638 PEA GREEN.

641 BLUE. *631 CHROME YELLOW. 640 *SCARLET. 639 CHROME GREEN

*632 BOTTLE GREEN. 629 LIGHT BROWN. 628 WARM GRAY. 636 PINK TINT.

"OUR VERY BEST" NATURAL MINERAL READY MIXED PAINT.

For Painting Roofs, Barns, Fences, Iron, Stone, Railroad Cars, Boats, Etc.

Barrels,	per gallon	$1.12
½ barrels,	"	1.12
5 gal. Kits,	"	1.20
1 gal. Cans,	"	1.27

"Our Very Best" mineral paint is a weather resisting mixture with a basis of oxide iron. Has great covering capacity and density of color.

* COLORS MARKED * ARE HIGHER IN PRICE THAN WHITE OR ORDINARY COLORS.

187 FRENCH OCHRE. 185 STONE GRAY.

182 VENETIAN RED. 181 SLATE

184 MAROON IRON MINERAL. 183 WISCONSIN MINERAL.

186 IRON MINERAL. 180 METALLIC PAINT.

"OUR VERY BEST" PAINTS AND WOOD FILLER.

"OUR VERY BEST" FLAT WHITE PAINT.

White, for Interior Use.

Barrels and Half Barrels,	per gallon	$2.10
5 gal. Kits,	"	2.18
1 gal. Cans,	"	2.25

As an undercoating for enamel it is unsurpassed, drying with a perfectly dead finish, and being possessed of the greatest opacity or body of any paint known. There is nothing that can be made by hand from zinc or lead in oil which will furnish the same body surface with the same number of coats. The absolutely dead finish obtained takes enamel coatings much better.

"OUR VERY BEST" GRAPHITE PAINT.

Ready Mixed.

Barrels and Half Barrels,	per gallon	$1.13
5 gal. Kits,	"	1.20
1 gal. Cans,	"	1.28

The demand for graphite paints has rapidly increased during the last two or three years, from the fact that graphite is practically indestructible and makes such a good preservative coating for iron and steel surfaces. Its covering properties are enormous, and no danger of rusting attends its use if surface is free from rust when the paint is applied.

The graphite used in this paint is a natural product, and for purity and ease of spreading is not excelled by any.

GRAPHITE IN OIL.

Barrels, Half Barrels and 100 lb. Kegs,	per pound	$0.09
25 lb. Cans,	"	.14
12½ lb. Cans,	"	.12

This is the best grade of graphite, ground to a stiff paste in linseed oil. It should be thinned for use, the same as ordinary white lead or paste paint.

"OUR VERY BEST" VESSEL AND YACHT PAINT.

In Liquid Form Ready for Use.
White and Regular Tints.

Barrels and Half Barrels,	per gallon	$2.70
5 gal. Kits,	"	2.77
1 gal. Cans,	"	2.85

Ground in strictly pure bleached linseed oil for all inside and outside work where a fine lasting white is desired. Will stand the action of gases arising from foul rivers.

Green, No. 914.

Barrels and Half Barrels,	per gallon	$2.70
5 gal. Kits,	"	2.77
1 gal. Cans,	"	2.85

"OUR VERY BEST" LIQUID WOOD FILLER.

Especially Made for Filling Pine and Any Other Close-Grained Wood.

Barrels,	per gallon	$1.65
Half Barrels,	"	1.65
5 gal. Kits,	"	1.72
1 gal. Cans,	"	1.80
½ gal. Cans,	"	1.87
1 qt. Cans,	"	1.95

Produces a smooth and hard surface, and is superior to shellac in every respect. It dries hard and does not discolor the lightest wood. One coat of LIQUID WOOD FILLER and one coat of varnish are equal to three coats of varnish on new work. Guaranteed to give satisfaction. Mixed ready for use.

COLORS IN OIL AND PASTE PAINTS.

"OUR VERY BEST" PURE COLORS IN OIL.

Blacks.

Refined Lamp Black,	per pound	$0.24
Coach Black,	"	.24
Sign Writers' Black,	"	.24
Ivory Black,	"	.24
Drop Black,	"	.24
Lettering Black,	"	.24
Black Paint,	"	24

ONE POUND CANS.

Browns.

Raw and Burnt Umber,	per pound	$0.18
Raw and Burnt Sienna,	"	.19
Vandyke Brown,	"	.19

ONE POUND CANS.

Blues.

*Prussian Blue,	per pound	$0.60
†Ultramarine Blue,	"	.30
Chinese Blue,	"	.67
Azure Blue,	"	.50

*Prussian blue is put up in ½ lb. and ¼ lb. cans. Price in ½ lb., 5 cents higher, in ¼ lb., cans 10 cents higher.

†Ultramarine blue is put up in ½ lb. cans, the price of which is 5 cents higher.

Greens.

Chrome Green, L. M. & D.,	per pound	$0.24
French Green,	"	.25
Olive or Bronze Green,	"	.34
Permanent French Green,	"	.45
Bottle Green,	"	.34

ONE POUND CANS.

Reds.

Indian Red,	per pound	$0.23
Venetian Red,	"	.15
Tuscan Red,	"	.27
Imperial Red,	"	.17
Calcutta Red,	"	.45
Flat Brick Red,	"	.15
American Vermilion,	"	.30
English Vermilion,	"	Mkt.
Rose Pink,	"	.30
Rose Lake,	"	.50
Cherry Red,	"	.35

ONE POUND CANS.

Yellows.

Chrome Yellow, L. M. O. and D. O.,	per pound	$0.30
Dutch Pink,	"	.27
Oxford Ochre,	"	.20
Yellow Ochre,	"	.14
Golden Ochre,	"	.20
Stone Ochre,	"	.15
French Ochre,	"	.14

ONE POUND CANS.

Graining Colors.

Light and Dark Oak,	per pound	$0.18
Walnut,	"	.18
Ash,	"	.18
Chestnut,	"	.18
Mahogany or Cherry,	"	.18

For large consumers and dealers, we will put up colors in oil in 10 lb. and 25 lb. cans at ½ cent per pound discount; 100 lb. kegs at 1 per cent per pound discount.

"OUR VERY BEST" COLORS IN JAPAN.

Blacks.

Ivory Jet Black A,	per pound	$0.60
Ivory Black B,	"	.48
Coach Painters' Drop Black C,	"	.39
Lamp Black,	"	.30

ONE POUND CANS

ZINC IN OIL.

For Interior Finish.

Green Seal French, 25 lb. cans,	per pound	$0.15
Red Seal French, 25 lb. cans,	"	.14

FOUR IN A CASE.

In 12½ lb. Cans, eight in a case,	per pound	$0.15½
In Casks, holding 250 and 500 lbs.,	"	.13½

These goods are of exceptionally high grade, and guaranteed to be perfectly pure. Ground in pure, pale linseed oil.

ZINC IN VARNISH.

For Interior Finish.

25 lb. Cans,	per pound	$0.26
5 lb. Cans,	"	.27
2 lb. Cans,	"	.27
1 lb. Cans,	"	.27

These goods are ground in pure Batavia Damar varnish to the consistency of white lead. Suitable for all high grades of interior work.

J. F. L. S. FRENCH OCHRE.

Strictly Pure, Ground in Oil.

In Casks (about 450 lbs.),	per pound	$0.09
In 100 lb. Kegs,	"	.09
In 25 lb. Tin Cans, four cans in a case,	"	.10

OCHRES AND MINERALS IN OIL.

For Priming or Finishing.

French Gray Ochre,	100 lb. kegs $
Painters' Special Ochre,	" "
Rochelle Ochre,	" "
White Ochre,	" "
Light Gray Ochre,	" "
French Yellow Ochre,	" "
Red Ochre,	" "
English Venetian Red Ochre,	" "
American Venetian Red Ochre,	" "
Imperial Ochre,	" "

25 lb. pails ½ cent, 15 lb. pails 1 cent per pound advance.

PRINCE'S MINERAL IN OIL.

Genuine Prince's Mineral Ground in Pure Linseed Oil.

Barrels, per pound $0.06

This is in paste form and is to be thinned with linseed oil and turpentine.

25 lb. pails ½ cent, 15 lb. pails 1 cent per pound advance.

"OUR VERY BEST" KITCHEN FLOOR PRESERVATIVE.

1 gal. Cans,	per gallon	$1.87
½ gal. Cans,	"	1.95
¼ gal. Cans,	"	2.02

"Our Very Best" floor preservative fills the pores thoroughly, covers all defects, renders the floor proof against grease spots and all stains.

Apply with a soft woolen cloth and rub in well.

"OUR VERY BEST" CARRIAGE TOP DRESSING.

1 qt. Cans,	per dozen	$9.00
1 pt. Cans,	"	5.25
½ pt. Cans,	"	3.00

"Our Very Best" carriage top dressing is composed largely of oil, has a good wearing body, and is waterproof. Will retain its lustre.

"OUR VERY BEST" FLOOR WAX.

1, 2, 4 and 8 lb. Cans,	per pound	$0.45

"Our Very Best" floor wax is of a superior quality and very durable.

May be used for polishing old floors that have been shellacked or varnished, as well as for new floors.

"OUR VERY BEST" PAINTS AND PRIMERS.

FLAT MACHINE PAINT.

Ready for Use, Color Steel Gray.

Barrels and Half Barrels, light or dark, per gallon, -	$0.90
5 gal. Kits, light or dark, per gallon	.98
1 gal. Cans, light or dark, per gallon	1.05

Used by the largest foundries and machine shops for painting castings and all kinds of machinery. Will not spot and turn white. Dries in two to three hours.

Paste Form, Color Steel Gray.

500 and 1000 lb. Casks, light or dark, -	per pound	$0.07
250 lb. Casks, light or dark, - - -	"	.07½
100 lb. Kegs, light or dark, - - -	"	.08

GLOSS MACHINE PAINT.

Colors Steel Gray or Slate, Red and Blue.

Barrels and Half Barrels, per gallon, -	$0.90
5 gal. Kits, per gallon, - -	.98
1 gal. Cans, per gallon, - -	1.05

This paint, sometimes sold under the name of varnish paint, is intended for painting machinery and iron work, where a quick-drying, glossy finish is desired. It dries hard inside of half an hour, and comes ready for use.

SASH AND DOOR PRIMERS.

Extra Primer.

Barrels, - - - - - -	per 100 pounds	$8.25
Half Barrels, - - - - -	" "	9.00

Extra No. 1 Primer.

Barrels, - - - - - -	per 100 pounds	$7.13
Half Barrels, - - - - -	" "	7.88

No. 2 Primer.

Barrels, - - - - - -	per 100 pounds	$6.38
Half Barrels, - - - - -	" "	6.75

Primers of this description are manufactured to meet the demand of painters and manufacturers; suitable for both brush work and for dipping.

In ordering, please state whether the primer is intended for dipping, or for brush work, otherwise it will be sent suitable for brush work.

"REV-O-NOC" MIXED HOUSE PAINTS.

PURE H.S.B. & CO. REV-O-NOC PAINTS.

		PEARL GRAY.		PORTLAND STONE.		MUNCIE RED.			
	1009		1019		1029				
	LIGHT BLUE.		VIENNA DRAB.		OLIVE GRAY.		INDIAN RED.		BOTTLE GREEN.
1000		1010		1020		1030		*1039	
	AZURE BLUE.		CENTENNIAL BROWN.		OLIVE.		TUSCAN MAROON.		LIGHT BUFF
1001		1011		1021		1031		1040	
	GREEN STONE.		DRAB.		WILLOW GREEN.		PEA GREEN.		TAN.
1002		1012		1022		1032		1041	
	LIGHT PEARL.		OLIVE DRAB.		BLIND GREEN.		SEA GREEN.		LIGHT BROWN.
1003		1013		*1023		1033		1042	
	PURE GRAY.		LEMONT STONE.		CORAL.		APPLE GREEN.		LAVENDER.
1004		1014		1024		1034		*1043	
	LIGHT SLATE.		LEATHER BROWN.		ROSE PINK.		NILE GREEN.		TURQUOISE.
1005		1015		1025		1035		1044	
	SKY BLUE.		MILWAUKEE BRICK.		LIGHT FAWN.		DARK SAGE.		LIGHT SAGE.
1006		1016		1026		1036		1045	
	NEUTRAL DRAB.		FRENCH GRAY.		TERRA COTTA.		MOSS GREEN.		BALTIMORE STONE.
1007		1017		1027		1037		1046	
	CREAM.		CANARY.		CARMINE.		BRONZE GREEN.		BRILLIANT BLUE.
1008		1018		*1028		1038		*1047	

ALSO OUTSIDE WHITE, INSIDE WHITE AND BLACK.

** COLORS MARKED ARE HIGHER IN PRICE THAN WHITE OR ORDINARY TINTS.*

"REV-O-NOC" MIXED HOUSE PAINTS.

PURE H.S.B & CO. REV-O-NOC PAINT.

GUARANTY.

WE GUARANTEE OUR "REV-O-NOC" MIXED HOUSE PAINT TO BE STRICTLY PURE, CONSISTING OF

Pigment Base.

STRICTLY PURE ZINC OXIDE	*68%*
STRICTLY PURE SILICA	*28%*
STRICTLY PURE CALCIUM CARBONATE	*4%*

AND NECESSARY PURE COLORING MATTER TO MAKE THIS TINT.

Liquid.

STRICTLY PURE RAW LINSEED OIL	*89.4%*
STRICTLY PURE SPIRITS OF TURPENTINE AND DRIER	*10.6%*

OUR "REV O-NOC" MIXED PAINT IS SOLD SUBJECT TO CHEMICAL ANALYSIS AND IS GUARANTEED BY HIBBARD SPENCER, BARTLETT & CO., ESTABLISHED 1855.

Hibbard Spencer Bartlett & Co.

"REV O-NOC" house paint is good as well as pure. Notice the wide distinction between mere purity in paint as compared with good quality.

You do not care to buy paint merely because you believe it to be pure; you require of it the qualities which make it a perfect preservative as well as a beautifier.

"REV-O-NOC" house paint is such a paint. It has been proved by actual test to wear well, and to fulfill its mission as a preservative; it is composed of pigments of recognized paint value, not merely of pure materials valueless when used as paint ingredients.

"REV-O-NOC" house paint is composed only of materials recognized as having true paint value when in proper combination.

A good formula needs scientific combination. Slap dash methods of mixing paint lessen its value. "Rev-o-noc" house paint is scientifically ground in triple cylinder mills under the care of a master paint grinder and is certain to give better satisfaction than any mixture made with a paddle.

White, Black and All Shades Not Starred.

Capacity	1 pt.	1 qt.	½ gal.	1 gal.	5 gal.	Bbl. and ½ bbl.
Per gallon	$2.10	2.12	1.95	1.87	1.80	1.72

Nos. 1023, 1039, 1047, Starred Shades.

Capacity	1 pt.	1 qt.	½ gal.	1 gal.	5 gal.	Bbl. and ½ bbl.
Per gallon	$2.85	2.77	2.70	2.62	2.55	2.47

No. 1028, Starred Shade.

Capacity	1 pt.	1 qt.	½ gal.	1 gal.	5 gal.	Bbl. and ½ bbl.
Per gallon	$2.47	2.40	2.32	2.25	2.17	2.10

To Ascertain the Amount of Paint Needed for a Job.

EXAMPLE.

Front	40 feet
Rear	40 "
Side	50 "
Side	50 "
	180
Multiply by average height	20
Divide by 300) 3600 (	12 gals.

Figure one gallon of "REV-O-NOC" paint will cover 300 square feet two coats on an average good surface; if it is rough and uneven more paint will be needed.

For priming coat do not use a cheap primer. Use "REV-O-NOC" paint, reduced according to directions. The finishing coat is to be applied as received in the package after being thoroughly stirred.

Use only strictly pure boiled linseed oil and turpentine for thinning.

DIRECTIONS.

Stir thoroughly before using. Putty all nail holes, and shellac all knots, pitchy or sappy parts. The surface to be painted should be dry and free from dust, dirt or grease. If paint is too thick, thin with boiled linseed oil for outside; for inside, small quantity of turpentine may be used. Let first coat dry hard before applying second.

How Mixed Paints are Packed.

6 one gallon cans in a case.
12 half gallon cans in a case.
24 quart cans in a case.
48 pint cans in a case.
96 half pint cans in a case.

"REV-O-NOC" PAINTS.

"REV-O-NOC" FLOOR.

Colors Permanent, Dries Hard over Night.
Regular Shades.

1 gal. Cans,	per gallon	$1.50
½ gal. Cans,	"	1.57
1 qt. Cans,	"	1.65

No. ★768—Starred Shade.

1 gal. Cans,	per gallon	$1.87
½ gal. Cans,	"	1.95
1 qt. Cans,	"	2.02

"Rev-o-noc" Floor Paint is made in eleven shades, as follows:

No.*768—Red.
No. 769—Yellow.
No. 770—Drab.
No. 771—Saxon Green.
No. 772—Light Oak.
No. 773—Dark Oak.
No. 774—Slate.
No. 775—Lt. Terra Cotta.
No. 776—French Gray.
No. 777—Indian Red.
No. 778—Chocolate Brown.

FOR COLORS SEE "OUR VERY BEST" FLOOR PAINT, PAGE 2404.

"Rev-o-noc" floor paint cements the cracks, fills the pores of the wood, makes a hard, serviceable coating. Floors are washed often and our "Rev-o-noc" floor paint will stand hard scrubbing like stone.

One gallon covers 250 square feet two coats.

"Rev-o-noc" Floor Paint Assortments, Containing 10 Gallons, Consisting of 26 Assorted Cans as Follows:

	GAL.	½ GAL.	¼ GAL.
No. 769—Yellow,	1	2	3
No. 770—Drab,	1	2	3
No. 771—Saxon Green,		2	3
No. 772—Lt. Oak,		1	2
No. 773—Dark Oak,		1	2
No. 774—Slate,		1	2
No. 11 Assortment,	per assortment		$15.00

"Rev-o-noc" Floor Paint Assortment, Containing 19¼ Gallons, Consisting of 50 Assorted Cans as Follows:

	GAL. ½	GAL.	¼ GAL.
No. 769—Yellow,	1	2	4
No. 770—Drab,	1	2	4
No. 771—Saxon Green,	1	2	4
No. 772—Lt. Oak,	1	2	4
No. 773—Dark Oak,		2	4
No. 774—Slate,		2	3
No. 775—Lt. Terra Cotta,		1	2
No. 776—French Gray,		1	2
No. 777—Indian Red,			2
No. 778—Chocolate Brown,			1
No. 768—Red,			1
No. 21 Assortment,	per assortment		$30.00

"REV-O-NOC" PORCH.

Made for Painting Outside Steps and Porches, Dries Absolutely Hard.

1 gal. Cans,	per gallon	$1.92
½ gal. Cans,	"	1.95
1 qt. Cans,	"	2.02

Subjected to every change in the weather, continually walked upon, scrubbed and cleaned, "Rev-o-noc" porch paint will be found to withstand severe usage and retain its gloss and durability.

No. 781—Light Gray.
No. 782—Light Slate.
No. 783—Dark Slate.
No. 784—Russet Brown.

FOR COLORS SEE "OUR VERY BEST" PORCH PAINT, PAGE 2404.

"REV-O-NOC" WAGON AND IMPLEMENT.

For Painting Carts, Wagons and Farm Implements, Will Dry over Night.

1 gal. Cans,	per gallon	$1.80
½ gal. Cans,	"	1.80
1 qt. Cans,	"	2.10
⅛ qt. Cans,	"	2.40

Made in six colors as follows:

Permanent Red
Green
Black
Yellow
Vermilion
Blue

FOR COLORS SEE "OUR VERY BEST" WAGON AND IMPLEMENT PAINT, PAGE 2405.

Ready for use, will not blister, flows readily and is of good body.

Will resist the wear and tear to which a farm wagon is subjected, besides remaining bright.

*COLORS MARKED * ARE HIGHER IN PRICE THAN WHITE OR ORDINARY TINTS.*

"REV-O-NOC" PAINTS AND STAINS.

"REV-O-NOC" CARRIAGE PAINT.

Ready for Use for Repainting Buggies, Carriages, Garden Chairs, Settees, Etc.

Ordinary Colors.

1 qt. Cans,	per dozen	$8.10
1 pt. Cans,	"	4.05
½ pt. Cans,	"	2.70

Vermilion or Carmine.

1 qt. Cans,	per dozen	$10.80
1 pt. Cans,	"	6.48
½ pt. Cans,	"	3.60

"Rev-o-noc" carriage paints are made of pure colors.

Colors are ground and reground in the finest carriage varnish.

A buggy painted today can be used tomorrow.

"Rev-o noc" carriage paint is made in eight colors as follows:

Wine	Yellow
Surrey Green	Tally-ho Red
Carmine	Coach Green
Black	Vermilion

SEE "OUR VERY BEST" CARRIAGE PAINT FOR COLORS, PAGE 2405.

"REV-O-NOC" CARRIAGE PAINT ASSORTMENT.

"Rev-o-noc" Carriage Paint Assortment, Containing 40 Cans Assorted as Follows:

	½ PTS.	PTS.	½ GAL.
Wine,	2	3	1
Surrey Green,	2	3	1
Black,	2	5	1
Yellow,	2	5	1
Tally-Ho Red,	2	3	1
Coach Green,	2	3	1
	12	22	6

No. 200 Assortment, as above, - per assortment $15.00

"REV-O-NOC" VARNISH STAIN.

Ready for Use.

Barrels,	per gallon	$1.57
5 gal. Jacket Cans,	"	1.65
1 gal. Cans,	"	1.72
½ gal. Cans,	"	1.80
1 qt. Cans,	"	1.85
1 pt. Cans,	per dozen	3.00
½ pt. Cans,	"	2.40

"Rev-o-noc" stains accomplish the double purpose of staining and varnishing in one application. Pure linseed oil combined with fine copal varnish produces durability in stains for all wood work. The linseed oil binds it firmly to the wood, while the varnish gives it the lustre. To these are added durable, non-fading pigment color.

Made in eight colors as follows:

Ground Color	Weathered Oak
Cherry	Walnut
Light Oak	Mahogany
Dark Oak	Rosewood

FOR COLORS SEE "OUR VERY BEST" VARNISH STAIN, PAGE 2406.

"REV-O-NOC" SCREEN DOOR PAINTS.

Ready for Use for Painting Window Screens and Screen Doors.

1 qt. Cans,	per dozen	$4.50
1 pt. Cans,	"	2.70
½ pt. Cans,	"	1.62

"Rev-o-noc" screen paint is intended for painting both the frame and the wire, and is made expressly for the purpose.

Made in three colors as follows:

Bottle Green Lawn Green Black

SEE "OUR VERY BEST" SCREEN PAINTS FOR COLORS, PAGE 2406.

"REV-O-NOC" PAINTS AND ENAMELS.

"REV-O-NOC" WHITE ENAMEL.

Superior Quality, Ground Exceedingly Fine, Very Durable.

1 gal. Cans,	per gallon	$3.75
½ gal. Cans,	"	3.82
1 qt. Cans,	"	3.90
1 pt. Cans,	"	4.05
½ pt. Cans,	"	4.35

For finishing fine interior wood work and furniture and artistic decoration.

It dries absolutely hard and can be rubbed and polished in the same manner as rubbing varnish.

"REV-O-NOC" LIQUID ENAMEL.

Ready for Use.
For Decorative Work of Every Description

1 gal. Cans,	per gallon	$2.34
½ gal. Cans,	"	2.42
1 qt. Cans,	"	2.70
1 pt. Cans,	per dozen	3.24
½ pt. Cans,	"	2.19
¼ pt. Cans,	"	1.62

Made in sixteen shades, including white and black, as follows:

Light Blue	Turquoise	Peach
Ivory	Old Rose	Olive
Dark Blue	Shell Pink	Pink
Flesh	Sea Green	Canary
Scarlet	Lavender	Black
White		

FOR SHADES SEE "OUR VERY BEST" ENAMEL, PAGE 2407.

Dries with a gloss like porcelain. Can be used on bicycles, bird cages, chairs, mirrors, picture frames, vases, jardinieres and furniture of every description. Can be washed with soap and water.

"REV-O-NOC" BATH TUB ENAMEL.

Ready for Use.
Will Stand Hot and Cold Water.

1 gal. Cans, White,	per gallon	$3.37
½ gal. Cans, White,	"	3.75
1 qt. Cans, White,	"	3.60
1 pt. Cans, White,	per dozen	6.52
½ pt. Cans, White,	"	3.75

For use on inside of bath tubs.

"Rev-o noc" bath tub enamel dries hard and is perfectly white.

"REV-O-NOC" HOUSEHOLD PAINTS.

A Household Paint, Ready for Use. Put up Only in Half Pint Cans.

½ pt. Cans,	regular shades,	each $0.13
½ pt. Cans,	starred colors, Nos. 35, 30, 16, 32, 52, 33,	" .18

The quality of this paint is excellent and is made especially for repainting and decorating household articles, such as chairs, toys, jardinieres, etc.

Made in twenty-two colors, as follows:

No.*33 Dark Blue	No. 20 Olive	No. 208 Buff
No. 49 Lilac	No. 90 Light Drab	No. 82 Indian Red
No. 02 Light Stone	No. 21 Dark Brown	No. 19 Terra Cotta
No. 39 Blue	No.*32 Chrome Yellow	No.*35 Scarlet
No.*16 Bottle Green	No. 29 Light Brown	No. 17 Warm Gray
No. 52 Cherry Red	No. 81 Dark Gray	No. 251 Pea Green
No.*30 Chrome Green	No. 01 Pink Tint	Black
White		

FOR COLORS SEE "OUR VERY BEST" HOUSEHOLD PAINTS, PAGE 2408.

"REV-O-NOC" PAINTS AND STAINS.

"REV-O-NOC" COLORS IN OIL.

Browns.

Raw and Burnt Umber,	per pound	$0.18
Raw and Burnt Sienna,	"	.19
Vandyke Brown,	"	.19

ONE POUND CANS.

Blacks.

Refined Lamp Black,	per pound	$0.24
Coach Black,	"	.24
Sign Writers' Black,	"	.24
Ivory Black,	"	.24
Drop Black,	"	.24
Lettering Black,	"	.24
Black Paint,	"	.24

ONE POUND CANS.

Blues.

Prussian Blue,	per pound	$0.60
Ultramarine Blue,	"	.30
Chinese Blue,	"	.67
Azure Blue,	"	.50

Prussian blue is put up in ⅛ lb. and ¼ lb. cans. Price in ½ lb. cans, 5 cents higher, in ¼ lb. cans 10 cents higher.

Ultramarine blue is put up in ½ lb. cans, the price of which is 5 cents higher.

Greens.

Chrome Green, L. M. & D.,	per pound	$0.24
French Green,	"	.25
Olive or Bronze Green,	"	.34
Permanent French Green,	"	.45
Bottle Green,	"	.34

ONE POUND CANS.

Reds.

Indian Red,	per pound	$0.23
Venetian Red,	"	.15
Tuscan Red,	"	.27
Imperial Red,	"	.17
Calcutta Red,	"	.45
Flat Brick Red,	"	.15
American Vermilion,	"	.30
English Vermilion,	"	Mkt.
Rose Pink,	"	.30
Rose Lake,	"	.50
Cherry Red,	"	.35

ONE POUND CANS.

Yellows.

Chrome Yellow, L. M. O. and D. O.,	per pound	$0.30
Dutch Pink,	"	.27
Oxford Ochre,	"	.20
Yellow Ochre,	"	.14
Golden Ochre,	"	.20
Stone Ochre,	"	.15
French Ochre,	"	.14

ONE POUND CANS.

GRAINING COLORS.

Light and Dark Oak,	per pound	$0.18
Walnut,	"	.18
Ash,	"	.18
Chestnut,	"	.18
Mahogany,	"	.18
Cherry,	"	.18

ONE POUND CANS.

For large consumers and dealers, we will put up colors in oil in 10 lb. and 25 lb. cans at ½ cent per pound discount; 100 lb. kegs at 1 cent per pound discount.

"REV-O-NOC" COLORS IN JAPAN.

Blacks.

Ivory Jet Black, A,	per pound	$0.60
Ivory Black, B,	"	.48
Coach Painters' Drop Black C,	"	.39
Lamp Black,	"	.30

"REV-O-NOC" MOSS GREEN SHINGLE STAIN.

Ready for Use. Can be put on Either with Brush or by Dipping.

Barrels,	per gallon	$0.97
Half Barrels,	"	1.02
5 Gal. Kits,	"	1.05
1 Gal. Cans,	"	1.12

"Rev-o-noc" shingle stain will enter into the pores of the shingles and become a permanent color, making itself a part of the wood.

"REV-O-NOC" MOSS GREEN ROOF PAINT.

Ready for Use.

Barrels,	per gallon	$1.27
Half Barrels,	"	1.27
5 Gal. Kits,	"	1.35
1 Gal. Cans,	"	1.42

Made in light and dark shades of moss green. These colors are used very extensively for roofs of houses, barns, etc.

"REV-O-NOC" BARN PAINT.

RED.

BROWN.

SLATE.

GUARANTY.

WE GUARANTEE "REV-O-NOC" BARN PAINT TO WEAR AT LEAST FIVE YEARS WHEN PROPERLY APPLIED ON A GOOD SURFACE. IF IT DOES NOT PROVE TO BE EXACTLY AS REPRESENTED, WE AGREE TO FURNISH PAINT TO RE-PAINT FREE OF CHARGE.

HIBBARD, SPENCER, BARTLETT & CO.

The "Rev-o-noc" Barn Paint is a perfect harmony of ingredients, accurately proportioned by expert makers, and ground and mixed by the best modern machinery.

We all want the "Extra"—the something out of the ordinary. The Extra quality of goods bring "Extra" profitable returns to the dealer. The price may be a little higher, but the quality creates in the buyer that satisfied feeling of money well spent.

"Rev-o-noc" Barn Paint is made to supply the necessary every dealer wishes for, namely, goods of quality that will not only hold trade, but also increase trade.

The "Rev-o-noc" Barn Paint is made of the best red oxide and far excels ordinary venetian red. Ordinary venetian red will soon fade and streak white. "Rev-o-noc" Barn Paint is a very bright, unfading red and will stand the racket of any and all atmospheric changes, its durability being unequaled, making it the best paint for barns, tin roofs, grain elevators, fences, depots, freight cars, etc. It will cover 250 square feet two coats to the gallon, on new wood with ordinary surface; on old wood or rough surface, less; on tin roofs or iron work, more.

Especially Adapted for Painting Barns, Roofs, Bridges, Fences, Etc.

Barrels,	per gallon	$0.82
Half Barrels,	"	.82
5 Gal. Kits,	"	.90
1 Gal. Cans,	"	.97
½ Gal. Cans,	"	1.05

"REV-O-NOC" IRON PAINT.

MOSS GREEN.

RED

STEEL GRAY. BROWN OXIDE.

Owing to the repeated calls we received for paint that would adhere to iron and tin work, and wear and last long, we investigated the matter thoroughly and have produced our "Rev-o-noc" Iron Paint, which has a peculiarity of sinking into and becoming a part, as it were, of the iron and tin work. Its ingredients are accurately proportioned and blended so that they produce the best paint for the purpose. "Rev-o-noc" Iron Paint will stand the contraction and expansion of cold and heat without cracking or chipping off. It has great elasticity and toughness which is a guarantee of good wear. Subjected to the heat of sun, steam, and fire. "Rev-o-noc" Iron Paint is especially durable for all metals.

Especially Adapted for Painting Tin and Iron Roofs, Iron Fences, Gutters, Cornices, Structural Iron Work, Etc.

Barrels,	per gallon	$0.82
Half Barrels,	"	.82
5-Gal. Kits,	"	.90
1-Gal. Cans,	"	.87

REV-O-NOC LEADS AND ZINCS.

REV-O-NOC ZINC PASTE.

Put up in Steel Kegs.

12½, 25, 50 and 100 lb. Steel Kegs, - - per pound $0.10

Manufactured by a special process, and will do a half more work than "Dutch Process" lead. In addition to having 50 per cent. more pigment body, it is whiter and produces clearer and sharper tints. No danger of poison attends its use, and it is not acted upon by foul gases. It is positively the most permanent white made, and can be used wherever ordinary white lead can.

REV-O-NOC COMBINATION LEAD AND ZINC.

Put up in Steel Kegs.

Unsurpassed for Fineness, Whiteness and Durability.

12½, 25, 50 and 100 lb. Steel Kegs, - - per pound $0.10

This combination will do one-half more work than ordinary Trust lead. It wears longer and does not discolor when exposed to the action of sulphur gases. Work done with it retains its gloss longer than work done with ordinary lead.

WHITE CITY HOUSE PAINTS.

WHITE CITY PAINT

Is a combination of White Lead, Zinc and Linseed Oil mixed with the most durable of coloring matter and properly thinned

White City Ready Mixed Paint will compare in quality with the general run of paints on the market

The results obtained by using White City Ready Mixed Paints will be found far more satisfactory than white lead mixed and tinted in the usual manner by hand.

WHITE CITY READY MIXED PAINT

Is unexcelled for painting houses, interior wood work, fences, brick and stone work, not affected by water, heat, cold, frost or dampness

Will not peel, blister chalk off, or lose any of its original color

To Ascertain the Amount of Paint Needed for a Job.

EXAMPLE

Front - - - - -	40 feet
Rear - - - - -	40 "
Side - - - - -	50 "
Side - - - - -	50 "
	180
Multiply by average height - -	20

Divide by 200) 3600 (18 gals.

Figure one gallon of White City Paint will cover 200 square feet two coats on an average good surface; if it is rough and uneven more paint will be needed.

For priming coat do not use a cheap primer. Use White City Paint reduced according to directions. The finishing coat is to be applied as received in the package after being thoroughly stirred.

Use only strictly pure boiled linseed oil and turpentine for thinning.

DIRECTIONS FOR USING.

Outside Work.

Cut the top of the can with an ordinary knife, and stir thoroughly from the bottom before applying

If in buckets the head must be taken out so that the paint can be thoroughly stirred

The surface to be painted should be perfectly dry and well seasoned, not pitchy, and should contain no sappy streaks

Shellac all knots with alcohol shellac varnish before any paint is applied All loose matter and paint scales should be removed with a wire brush and should then be well dusted

Do not paint over a damp surface or immediately after a rain or frost

Thin with pure boiled linseed oil for priming coat. The paint is the proper consistency for the second coat

Rub out well under the brush

The first coat should be dry and hard before the second coat is applied

Inside Work.

The surface should be sand-papered smooth; old surfaces that are greasy, smoky or worn should be scraped and sand-papered, and then wiped clean, otherwise the paint will not dry hard as desirable.

Windows and doors should be opened after the paint has set. Light and air are absolutely necessary for the proper drying of paint.

When the weather is excessively humid or hot, paint is liable to remain tacky; to remedy this we recommend that turpentine be used.

Thin with pure spirits of turpentine for priming coat. The paint is the proper consistency for the second coat.

The first coat should be dry and hard before second coat is applied.

COLORS.

White and Black and All Shades Not Starred.

Capacity,	B.& ½ B	5 gal.	1 gal	½ gal.	1 qt.	1 pt.
Per Gallon,	$1.35	1.43	1.50	1.58	1.65	1.73

Starred Shades. Nos. 1123, 1128, 1147.

Capacity,	B.& ½ B	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.
Per Gallon,	$2.10	2.18	2.25	2.33	2.41	2.48

Starred Shades. No. 1138.

Capacity,	B.& ½ B.	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.
Per Gallon,	$1.73	1.80	1.88	1.95	2.03	2.10

"WHITE CITY" MIXED HOUSE PAINTS.

A GOOD DURABLE PAINT

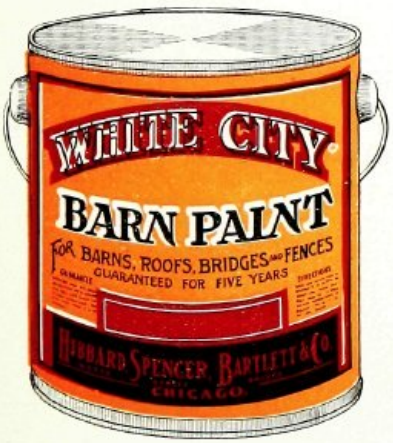
THAT WILL GIVE SATISFACTION

1100	1117	1140	1118	1122
1101	1120	1141	1125	1132
1102	1110	1116	1126	1133
1103	1121	1143	1127	1134
1104	1112	1144	*1128	1136
1105	1113	1145	1129	1137
1106	1114	1146	1119	*1138
1107	1123	*1147	1131	1139

ALSO OUTSIDE WHITE, INSIDE WHITE AND BLACK.

** COLORS MARKED * ARE HIGHER IN PRICE THAN WHITE OR ORDINARY TINTS.*

"WHITE CITY" BARN PAINT.



RED.

SLATE.

BROWN.

GUARANTY.

WE GUARANTEE "WHITE CITY" BARN PAINT TO WEAR AT LEAST FIVE YEARS WHEN PROPERLY APPLIED ON A GOOD SURFACE. IF IT DOES NOT PROVE TO BE EXACTLY AS REPRESENTED, WE AGREE TO FURNISH PAINT TO REPAINT FREE OF CHARGE.

HIBBARD, SPENCER, BARTLETT & CO.

Venetian Red mixed with oil by hand does not always produce a uniform paint for the reason that it is not generally possible for the oil and dry paint to become thoroughly incorporated with each other. It takes powerful machinery to accomplish this result.

Our "White City" Barn Paint is made in the right proportions and thoroughly ground and mixed by up-to-date machinery, every particle of the dry paint becoming saturated with oil to its fullest absorbing capacity.

It will be found considerably cheaper and will produce a better surface than Venetian Red mixed with oil by hand

Its excellent durability and power of resisting the elements make it a very valuable covering for barns, fences, sheds, roofs, etc.

For the price we do not believe there is a better barn paint on the market, and it will cover 200 square feet, two coats to the gallon, if properly applied on a good surface. On tin or iron work it will spread further.

Especially Adapted for Painting Barns, Roofs, Bridges, Fences, Etc.

		SLATE.	RED AND BROWN.
Barrels,	per gallon	$0.75	$0.67
½ Barrels,	"	.75	.67
5 Gal. Kits,	"	.82	.75
1 Gal. Cans,	"	.90	.82
½ Gal. Cans,	"	.95	.90

VARNISH, MIXED PAINTS, ENAMEL, ETC.

CREOGRAPHITE MIXED PAINTS.

Colors.

No. K—Dark Green. No. N—Indian Red.
No. L—Moss Green. No. R—Dark Slate.
No. M—Black. No. P—Light Slate.

Wood and Iron Preservative.

Barrels (50 gals.)	per gallon	$1.00
Half barrels (30 gals.)	"	1.05
5 gal. kits	"	1.15
1 gal. cans	"	1.30

Combine the best wood preservative and the best waterproof mixture ever put together. Creosote is acknowledged by civil engineers and architects to be the best preserver of wood known at the present time. Graphite has long been acknowledged the most durable pigment for a paint, under or above water, under all conditions of weather. By thoroughly grinding graphite with a special liquid for the purpose, we have produced our Creographite Paints, which we can safely recommend to the public as far superior to any known paint for the purposes intended, such as shingle, tin, iron, wood, felt or canvas roofs, structural iron work, boilers, smoke-stacks, iron tanks, iron shutters, factories, elevators, bridges, barns, posts or timbers sunk into the ground or buried in masonry; also for heavy timbers and joists of buildings that are placed next to the ground or in damp cellars.

These paints have had the unqualified endorsements of many prominent railroads, and are used largely for all bridge and iron work. They are ideal paints for all kinds of roofs.

One gallon of Creographite Paint will cover about 300 sq. ft. of tin, iron or smooth surface, 100 sq. ft. of shingles, or 150 sq. ft. of canvas or felt, two coats.

CREOGRAPHITE ROOF CEMENT.

Colors.
No. S—Dark Slate. No. H—Red.

Waterproof Always Elastic.

Barrels (about 600 lbs.)	per pound	$0.06
50 and 100 lb. kegs	"	.06½
10 and 25 lb. cans	"	.07½
1, 2 and 5 lb. cans	"	.09

Ground to a thick paste. Will not peel, crack, or scale off. Apply with a wide putty knife over leaky places on tin or iron roofs, gutters, around chimneys, dormer windows, window caps, and all cracks on woodwork.

STOVE PIPE ENAMEL.

Jet Black, Permanent and Elastic.

½ pt. cans, with brush, w't per doz. 8 lbs., per dozen. $1.80

ONE DOZEN IN A HANDSOME BOX, WITH HINGED COVER.

Case of 1 Pint Cans.

1 pt. cans, *with brush,* w't per doz. 12 lbs., per dozen. $3.00

ONE DOZEN IN A CASE.

1 qt. cans, w't per gal. 8 lbs.	per gallon	$2.00
2 qt. cans, w't per gal. 8 lbs.	"	1.90
1 gal. cans, w't per gal. 8 lbs.	"	1.80

Dries with a brilliant luster. Prepared especially for gas stoves, boilers, machinery and all iron work where a bright gloss black is required. Will not turn dull, crack, scale or rub off, and will resist heat.

ASPHALT ROOF COATING.

Adapted for Paper, Felt, Canvas and Prepared Roofing.

Barrels	per gallon	$0.57
Half barrels	"	.66
5 and 10 gal. kits	"	.75
1 gal. cans		.80

It is used for cementing the joints and laps of the paper, for flashing, around chimneys, smoke-stacks, etc. It is elastic, very durable, and sheds the water; is non-absorbent, and spreads freely without the necessity of heating; can be thinned with benzine, dries quickly, and never melts in the sun or cracks in the cold.

VARNISH AND PAINT REMOVER.

Liquid.

5 gal. cans	per gallon	$2.50
1 gal. cans	"	2.50
½ gal. cans	"	2.60
1 qt. cans	"	2.80
1 pt. cans	"	3.20

Instint Varnish and Paint Remover is composed of the best combination of solvents for varnish and paint known to chemistry, with the addition of a thickener which prevents the evaporation or drying down of these solvents, yet does not in any way retard their actions but adds to their solvent power. It effectively softens or dissolves the varnish or paint, and contains no acid or caustic to burn or injure the wood.

"Instint." Will not raise the grain or injure the surface of the finest wood. Will not injure the hands. Contains no acid or fusil oil. Can be used on mouldings and on carvings, where it is impossible to use a torch or a scraper. A few gallons will clean a very large surface. Will not explode.

Removes paint, varnish, Shellac and enamel clean to the bare wood almost instantly, contains no acid or alkalies and will positively not injure the hands or the finest veneers. Ad-el-ite is made from the finest imported material, which gives it greater solvent properties than other brands.

Liquid.

Separate Sizes.

1 gal. cans	per gallon	$2.50
½ gal. cans	"	2.70
¼ gal. cans	"	2.80
⅛ gal. cans	"	3.20
1/16 gal. cans	"	4.00

The Paste Remover is the same as Liquid, except that it has a heavier body. It is the most economical for upright work, because it sticks better and there is no waste as would naturally be true if the Liquid were used.

Paste.

Separate Sizes.

1 gal. cans	per gallon	$2.50
½ gal. cans	"	2.70
¼ gal. cans	"	2.80
⅛ gal. cans	"	3.20
1/16 gal. cans	"	4.00

OVB VARNISHES.

Revised December 1st, 1908. (Superseding all previous lists.)

The following pages describe our Architectural Varnishes and a general line of house painters' varnishes with the adaptations of the different grades. These varnishes are made after the most approved formulæ and prepared with the greatest possible care by varnish makers of skill and experience. *The OVB label on a can of varnish is a guarantee of the best value that money can produce and the contents are the very best goods for the purpose described.*

OVB Pale Hard Oil Finish.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 400 per can	$9.50	2.00	1.10	.60	.35	.19

This is a very pale colored varnish especially adapted for finishing natural wood or grained surfaces; is free working, dries free from tack in a few hours and makes a good gloss finish or can be rubbed.

OVB Light Hard Oil Finish.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 401 per can	$8.25	1.75	.98	.54	.32	.18

This varnish is similar to our Pale Hard Oil Finish, but not as light in color. Brushing and drying qualities about the same. Suitable for all ordinary woods except Maple, Light Mahogany, etc., and can be rubbed or left in the gloss.

OVB Light Interior Coach.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt
No. 301 per can	$8.25	1.75	.98	.54	.32	.18

This is for either new or old housework. Dries with a very high gloss in from thirty-six to forty-eight hours and can be rubbed within three days. One coat of Light Interior Coach and one coat of Transparent Liquid Wood Filler over either Pine or Hard Woods produces a full and satisfactory finish. Where Oak or Open Grained Woods are to be finished, same should first be filled with a paste wood filler.

OVB No. 1 Coach.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 405 per can	$8.25	1.75	.98	.54	.32	.18

This is a very popular varnish for use on interior woodwork; dries in about twelve hours and can be rubbed or recoated in forty-eight hours.

OVB Extra Durable Coach.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 418 per can	$12.00	2.50	1.35	.73	.42	.22

This varnish is all that its name implies, namely—a very durable varnish. It is intended for either interior or exterior work. Is elastic, flows well, dries with a high lustre in about eighteen hours.

OVB Cabinet Finish.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 302 per can	$9.50	2.00	1.10	.60	.35	.19

This is very similar to our Interior Spar but dries a little quicker and in addition to its desirability for Interior work makes an excellent varnish for all kinds of furniture. Dries with good gloss in about eighteen hours and can be rubbed in two days and polished day after. A good general all around varnish.

OVB White Batavia Damar.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 409 per can	$12.00	2.50	1.35	.73	.42	.22

This is made from selected White Damar Gum. Unsurpassed for making White Enamels or Coating over white surfaces to produce a gloss effect. (Damar Varnish should not be used for furniture or outside work.) Dries in about eight hours.

OVB Furniture Varnish.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 403 per can	$5.75	1.25	.75	.42	.26	.15

A brilliant and quick drying varnish for gloss work (except floors.) One coat of this varnish produces a very satisfactory finish over old work. Dries over night

OVB Elastic Floor.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 408 per can	$9.50	2.00	1.10	.60	.35	.19

This is very similar to our Architectural Floor Varnish but a little darker in color and is an excellent varnish for refinishing old floors, oil cloths, linoleum or interior woodwork. Very tough and elastic and will not turn white when floor is washed. Dries in from eighteen to twenty-four hours.

OVB Bar Top Finish.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.
No. 330 per can	$14.50	3.00	1.60	.85	.48

This is a very durable varnish for use on bar tops, counters and fixtures. Dries in about twenty-four hours and is not affected by alcoholic liquors or constant washing which bar tops are subjected to. Light in color and very elastic.

OVB House Painters' Japan.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
Nos. 422 per can	$3.25	.75	.48	.29	.20	.11

This is a very strong dryer. Light in color. Suitable for use in drying mixed paints, White Lead in Oil, etc.

OVB T Japan Dryer.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 419 per can	$5.75	1.25	.73	.42	.26	.15

This is a very powerful dryer and will not injure the life of paints. One gallon will dry twenty-five gallons of Raw Linseed Oil in from eight to twelve hours.

OVB Egyptian Black Asphaltum.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 413 per can	$2.50	.60	.40	.25	.18	.10

A very strong, quick drying black, for use on smoke stacks, boilers, furnace fronts, stove pipes or ironwork Dries in about eight hours.

OVB Turpentine Oil Shellac.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 404 per can	$8.25	1.75	.98	.54	.32	.18

A transparent quick hard drying varnish used as a priming coat on all close grain natural woods or first coater on open grain woods that have first been filled with a paste filler. This varnish is far superior to shellac inasmuch as it is not affected by moisture. Dries over night sufficiently hard to admit of being sandpapered.

VARNISHES AND BAKING JAPANS.

OVB VARNISHES.

Architectural Finishes.

In offering our architectural varnishes to the trade, we desire to call special attention to the fact that we have combined all the qualities essential and characteristic of high grade finishes for architectural purposes

OVB Exterior Spar.

Size cans.	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 412.....per can	$19.50	4.00	2.10	1.10	.60	.32

Especially adapted for store fronts, vestibules, window casings, front doors, and all outside work requiring a varnish of extreme durability. It dries free from dust in from six to eight hours, and hardens in about four days to admit of being rubbed.

OVB Interior Spar.

Size cans.	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 411.....per can	$14.50	3.00	1.60	.85	.48	.25

Especially adapted for fine interiors, parlors, libraries, dining rooms, etc., where a rich, durable finish is desired. It works freely, dries with a brilliant luster, and can be rubbed to a dull finish or highly polished. It can be used over natural wood, painted or grained surfaces. Dries free from dust in from five to seven hours, and can be rubbed and polished in from three to four days.

OVB Architectural Floor Finish.

Size cans.	5 gal.	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.
No. 300.....per can	$14.50	3.00	1.60	.85	.48	.25

This varnish is the best that money can buy. Made from all hard gum and free from resin. Will not mar white and is not affected by hot or cold water. Dries dust free in from two to three hours, and under favorable conditions, can be walked upon over night. Best results are obtained by applying two coats well brushed out.

OVB Transparent Liquid Wood Filler.

Size cans.	1 gal.	½ gal.	1 qt.
No. 429.....per can	$1.35	.71	.39

The base of this varnish is made from good hard gum and combined with a transparent pigment produces a perfect first coater. Is superior to shellac, as it resists moisture better and absolutely seals up the pores of the wood. Saves at least one coat of varnish.

CARRIAGE AND AUTOMOBILE.

OVB Pale Wearing Body.

Size cans.	1 gal.	½ gal.	1 qt.	1 pt.
No. 320.....per can	$4.50	2.35	1.25	.65

A very pale varnish of great brilliancy and durability. Dries dust free in ten to twelve hours, and can be run out in three to four days.

OVB Quick Rubbing Body.

Size cans.	1 gal.	½ gal.	1 qt.	1 pt.
No. 321.....per can	$3.00	1.55	.85	.45

A very quick and durable rubbing varnish. Used for under coats. Rubs in about three days without sweating.

OVB Black Rubbing.

Size cans.	1 gal.	½ gal.	1 qt.	1 pt.
No. 322.....per can	$3.00	1.55	.85	.45

An undercoating varnish. Dries to rub in three days

OVB Heavy Gear.

Size cans.	1 gal.	½ gal.	1 qt.	1 pt.
No. 323.....per can	$3.00	1.55	.85	.45

A very brilliant and elastic varnish for wheels and under parts. Dries dust free in eight to ten hours, and can be run out in about three days.

OVB Wagon Body Varnish.

Size cans.	1 gal.	½ gal.	1 qt.	1 pt.
No. 324.....per can	$2.50	1.35	.75	.40

A light colored, full drying and brilliant varnish for finishing wagon bodies Dries dust free in about five or six hours, and can be run out in two days.

BAKING JAPANS, ETC.

OVB Black Baking and Finishing Japans.

Size	1 bbl.	½ bbl.	10 gal.	5 gal.	1 gal.
No. 312...per gal	$1.65	1.70	1.75	1.80	1.85

Suitable for use on bicycles, hardware specialties, and all work requiring a high grade finish. Flows out nicely under the brush and bakes at about 300 to 350 degrees for five to seven hours, according to the heat.

OVB Black Baking and Dipping Japans.

Size	1 bbl.	½ bbl.	10 gal.	5 gal.	1 gal.
No. 313...per gal.	$0.75	.80	.85	.90	.95

Similar to the Finishing Japan, but much heavier in body, and is used principally for dipping purposes.

OVB Air Drying Black Japans.

Size	1 bbl.	½ bbl.	10 gal.	5 gal.	1 gal.
No. 314...per gal.	$0.60	.65	.70	.75	.80

Good body and luster. Dries in about eight hours.

OVB Black Wrought Iron Finish.

Size	1 bbl.	½ bbl.	10 gal.	5 gal.	1 gal.
No. 315...per gal.	$2.25	2.30	2.35	2.40	2.45

A dull, rich colored black for metal or wood. Air dries in about eight to ten hours, giving a wrought iron finish effect. Especially adapted for use on gas stoves.

OVB Turpentine Asphaltum.

Size	1 bbl.	½ bbl.	10 gal.	5 gal.	1 gal.
No. 316...per gal.	$0.90	.95	1.00	1.05	1.10

Made from the best Gilsonite asphaltum gum; very brilliant and dense in color. Works freely under the brush and dries quickly.

OVB B Asphaltum.

Size	1 bbl.	½ bbl.	10 gal.	5 gal.	1 gal.
No. 317...per gal.	$0.36	.41	.46	.51	.56

Similar to the above, but thinned with benzine. A good article for furnace doors, boiler fronts, etc.

SHELLAC.

OVB White.*

	1 GAL.	½ GAL.	1 QT.	1 PT
No. 425.....per gallon	$			

For under coats before varnish or hard oil is applied. Used on light woods. Dries hard in three to four hours.

OVB Orange.*

	1 GAL.	½ GAL.	1 QT.	1 PT.
No. 426.....per gallon	$			

Same as No. 425, but orange in color. For darker woods, such as oak, etc. Made from selected gum and wood or grain alcohol. Dries hard in four hours. Used for finishing and also for under coats of varnish. Superior for covering knots and pitch.

*Nos. 425 and 426 prices subject to market changes.

JAP-A-LAC WOOD FINISH.

Open Stock Sizes.

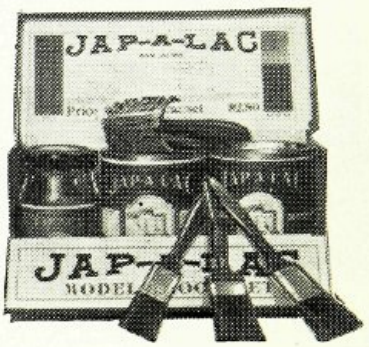
		COLORS.	ALUMINUM.	GOLD
5 gal. cans (natural only)	each	$12.00		
1 gal. cans	"	2.50		
½ gal. cans	"	1.35	$1.35	$2.50
1 qt. cans	"	.75	.75	1.35
1 pt. cans	"	.40	.40	.75
½ pt. cans	"	.25	.25	.40
¼ pt. cans	"	.15	.15	.25

Aluminum Assortments.

No. 101 Assortment—Consisting of twelve ¼ pint cans aluminum Jap-a-lac, packed in attractive display box, per assortment..... $1.80

Gold Assortments.

No. 102 Assortment—Consisting of twelve ¼ pint gold Jap-a-lac, packed in attractive display box, per assortment..... $3.00



Model Floor Set (see below.)

JAP-A-LAC COLOR CARD.

No. 5 Assortment.

SIZE OF CANS.	1 Pt.	½ Pt.	¼ Pt.
Retail price	40c.	25c.	15c.
Oak	1	3	3
Walnut	1	1	1
Mahogany	1	2	2
Cherry	1	1	1
Dead Black		1	1
Natural	1	2	2
Gloss White	1	2	2

No. 5 Assortment—Consisting of 30 cans of Jap-a-lac as described above including 25 color cards, 1 framed color sign, 250 folders and 25 booklets, per assortment..... $7.15

No. 10 Assortment.

SIZE OF CANS.	1 Pt.	½ Pt.	¼ Pt.
Retail price	40c.	25c.	15c.
Oak	4	6	6
Walnut	1	2	2
Mahogany	2	3	3
Cherry	2	2	2
Dead Black		4	4
Natural	2	4	4
Gloss White	1	3	3

No. 10 Assortment—Consisting of 60 cans of Jap-a-lac as described above, including 25 color cards, 1 framed color sign, 250 folders, 25 booklets, 1 model floor and 1 set of six educational signs,.....per assortment $14.29

Graining Tools.

Jap-a-lac.....per dozen $6.00

No. 25 Assortment.

SIZE OF CANS.	Qts.	Pts.	½ Pts.	¼ Pts.
Retail price	75c.	40c.	25c.	15c.
Oak	5	8	8	8
Walnut	1	2	3	3
Mahogany	2	4	8	8
Cherry		2	3	3
Mal. Green			2	2
Ox-Blood			2	2
Brilliant Black			3	3
Dead Black			4	4
Natural	3	4	8	8
Gloss White		3	4	4
Flat White			1	1
Ground color	1	1	1	1
Empire Blue			1	1

No. 25 Assortment—Consisting of 132 cans of Jap-a-lac as described above, including 25 color cards, 1 framed color sign, 250 folders, 25 booklets, 1 model floor and 1 set of six educational signs.....per assortment $35.72

No. 26 Assortment.

No. 26 Assortment—Consisting of the same number and assortment of cans as No. 25 assortment, and in addition 36 sample cans for free distribution by the dealer.....per assortment $37.80

Graining Color.

Jap-a-lac, 1 pint cans.....per dozen $3.00

Model Floor Sets.

Sold only in cases of 3 or 6 each, as follows:

Cases of 3 Each.

(Sold only in original cases.)

3 Model Floor Sets	@ $2.50	list	$ 7.50
3 quarts Natural Jap-a-lac	@ .75	"	2.25
3 quarts Ground Jap-a-lac	@ .75	"	2.25
Total list			$12.00

This case contains the following advertising matter:
1 Show Card.
25 Descriptive Circulars in colors.

Cases of 6 Each.

(Sold only in original cases.)

6 Model Floor Sets	@ $2.50	list	$15.00
4 quarts Natural Jap-a-lac	@ .75	"	3.00
4 quarts Ground Jap-a-lac	@ .75	"	3.00
Total list			$21.00

We include, free, one tool and one pint Graining Color and two boards for demonstrating.
This case contains the following advertising matter: 1 "Model Floor" Board (10"x16"), 3 Show-Cards, 50 Descriptive Circulars in colors.

Crack and Crevice Filler.

Jap-a-lac, 1 lb. cans.....per dozen $2.40
Jap-a lac, 2½ lb. cans..... " 4.80

GLIDDEN GREEN LABEL VARNISHES.

THE Glidden VARNISH CO.

Every varnish listed below represents the Highest Grade and Standard Quality of that particular brand.

ARCHITECTURAL.

Price List Dec. 1, 1908

	FIVES PER GAL.	1 GAL. EACH.	½ GAL. EACH.	QUARTS EACH.	PINTS EACH.	½ PINTS EACH.
M. P. Durable Exterior (M. P. Special Spar)	$3.90	4.00	2.00	1.00	.60	.32
M. P. Durable Interior	2.90	3.00	1.60	.85	.48	.25
M. P. Elastic Interior	1.90	2.00	1.10	.60	.35	.19
M. P. Durable Floor	2.90	3.00	1.60	.85	.48	.25
M. P. Surfacene (Pigment First Coater)	....	1.75	.98	....	....	....
Glidden's Velvet White Enamel (Egg Shell Finish)	....	5.00	2.60	1.35	.73	.38
Glidden's Superior White Enamel (Gloss Finish)	....	5.00	2.60	1.35	.73	.38
Glidden's Copper Plate Finish	....	....	....	2.50	1.35	.75

GENERAL.

	BBLS. & ½ BBLS. PER GAL.	FIVES PER GAL.	1 GAL. EACH.	½ GAL. EACH.	QUARTS EACH.	PINTS EACH.	½ PINTS EACH.
Marine Spar	$3.25	3.40	3.50	1.75	.88	.54	.29
Hard Drying Floor	2.25	2.40	2.50	1.35	.73	.42	.22
M. P. Cabinet Finish (Rubbing)	2.25	2.40	2.50	1.35	.73	.42	.22
Extra No. 1 Coach	2.25	2.40	2.50	1.35	.73	.42	.22
No. 1 Coach	1.50	1.65	1.75	.98	.54	.32	.18
M. P. Special Coach	1.50	1.65	1.75	.98	.54	.32	.18
Light Hard Oil Finish	1.50	1.65	1.75	.98	.54	.32	.18
Hard Oil Finish	1.25	1.40	1.50	.85	.48	.29	.16
Furniture Coach (No. 1 Copal)	1.00	1.15	1.25	.73	.42	.26	.15
Skin-Cote (Rubbing and Polishing)	....	4.90	5.00	2.60	1.35	.73	.38
Piano Polishing Varnish	3.75	3.90	4.00	2.10	1.10	.60	.32
Cabinet Polishing (Church Seat Finish)	2.75	2.90	3.00	1.60	.85	.48	.25
Bar Top Finish	4.75	4.90	5.00	2.60	1.35	.73	.38
Wagon and Implement Varnish	1.75	1.90	2.00	1.10	.60	.35	.19

DRYERS AND ASPHALTUMS.

	BBLS. & ½ BBLS. PER GAL.	FIVES PER GAL.	1 GAL. EACH.	½ GAL. EACH.	QUARTS EACH.	PINTS EACH.	½ PINTS EACH.
Turpentine Japan Dryer	$1.50	1.65	1.75	.98	.54	.32	.18
Euclid Liquid (Oil) Dryer	1.00	1.15	1.25	.73	.42	.26	.15
H. P. Japan	1.00	1.15	1.25	.73	.42	.26	.15
Magic White Dryer	.90	1.05	1.15	.68	.39	.25	.14
B. Japan Dryer	.50	.65	.75	.48	.29	.20	.11
Turpentine Asphaltum	1.00	1.15	1.25	.73	.42	.26	.15
Union (B. & T.) Asphaltum	.75	.90	1.00	.60	.35	.23	.13
B. Asphaltum	.50	.65	.75	.48	.29	.20	.11

MISCELLANEOUS.

	BBLS. & ½ BBLS. PER GAL.	FIVES PER GAL.	1 GAL. EACH.	½ GAL. EACH.	QUARTS EACH.	PINTS EACH.	½ PINTS EACH.
Gloss White Enamel	....	....	$3.00	1.60	.85	.48	.25
Crysto Batavia Damar	$2.75	2.90	3.00	1.60	.85	.48	.25
White Batavia Damar	2.00	2.15	2.25	1.23	.67	.39	.21
Waterproof Concrete Floor Dressing	2.00	....	2.25	....	....	....	....
Stove Pipe Enamel (Protective Black)	....	....	2.00	1.10	.60	.35	.19
Screen Black	.90	1.05	1.15	.68	.39	.25	.14
Superior Bronzing Liquid	1.00	1.15	1.25	.73	.42	.26	.15
Puritan Liquid Wood Filler	1.00	1.15	1.25	.73	....	....	....

GOLD AND ALUMINUM PAINTS, ETC.

SAPOLIN GOLD ENAMEL.

Gerstendorfer's.

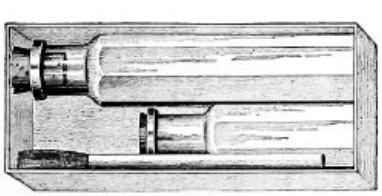
No. 20—Small size, consists of one bottle of bronze powder, one bottle of liquid, one tin for mixing, one outfit in a box, w't per doz., 4 lbs..per dozen $2.50

No. 10—Medium size, otherwise same as No. 20, w't per doz., 8 lbs.,..per dozen 3.60

No. 4—Large size, otherwise same as No. 20.....per dozen 5.80

Sapolin covers all surfaces with a smooth coating, free from streaks. Can be washed with soap and water and will retain its lustre. It is ready for use and easily applied, being particularly adapted for gilding furniture, gas fixtures, leather work, metallic ornaments, etc.

STAR GOLD PAINT.



Gerstendorfer's.

No. 5—Consists of one bottle of bronze powder, one bottle of liquid and brush, one outfit in a box, w't per doz., 2½ lbs ..... per dozen $1.80

This is a good gold paint for all kinds of decorations.

ONE DOZEN IN A CARTON.

STANDARD GOLD PAINT.

Gerstendorfer's Ready Mixed.

No. 30—Medium size, one bottle in a wooden box with brush, w't per doz., 4 lbs.....per dozen $2.50

This is a very satisfactory gold paint.

ONE DOZEN IN A CARTON.

SAPOLIN JAPANESE GOLD PAINT.

Figure given gratis with first order of Japanese Gold Paint amounting to $16.00.

Gerstendorfer's Ready Mixed.

No. 3—Small size, one dozen bottles in carton with brushes, w't per doz., 2 lbs., per dozen..... $1.50

No. 2—Medium size, one bottle in a highly polished wood box with brush, w't per doz., 4 lbs.....per dozen 3.00

No. 1—Large size, otherwise same as No. 2, w't per doz., 6¼ lbs.....per dozen 5.50

This is a gold paint for all kinds of artistic and decorative gilding. Its appearance is so brilliant that only experts can tell whether the article is coated with gold leaf or not. For this reason it can be used as a perfect substitute on all articles where gold leaf has been used heretofore.

A handsome gilded figure is given with first order amounting to $16.00, showing the brilliant and lasting effect of Japanese Gold Paint. Figure is 15 in. high, encased in glass and rests upon a rosewood pedestal.

NOS. 2 AND 1, ONE DOZEN BOXES IN A CARTON.

PATENTED BRONZE PAINTS.

SEE NEXT COLUMN.

Ready mixed gold paint has never been a success for practical work. Unmixed gold paints or the buying of bronze and liquid separately requires an experience in properly mixing in order to paint with the best results. This device holds the bronze powder (gold or aluminum as the case may be) and the bronzing liquid IN ACCURATE PROPORTIONS SEPARATELY until required for use, being literally a can within a can. The decorator need only empty the contents of the upper can containing the gold (or aluminum) into the lower containing the bronzing medium and he has in a handy tin all ready mixed the best gilding preparation ever placed before the public.

PATENTED BRONZE PAINTS.

ORMOLOID.

For Gold Leaf Effect. Liquid and Powder Separate.

No. 50—Special size cans, w't per doz., 2 lbs..... ..... per dozen $2.00

No. 51—Small size cans, w't per doz., 3 lbs..... ..... per dozen 3.00

No. 52—Medium size cans, w't per doz., 4 lbs.... ..... per dozen 4.20

The most perfect gold paint ever offered for gold finish of the finest lustre and smoothness on picture frames, chairs, tables, lamps, chandeliers, baskets, wickerware, toys, statuaryware, figures, dancing shoes, music racks, bird cages, metal frames hinges, baby carriages, iron bedsteads, etc

ONE DOZEN IN A CARTON.

ALUMINOID.

For Aluminum Leaf Effect. Liquid and Powder Separate.

No. 60—Small size cans, w't per doz., 2 lbs..... per dozen $1.80

No. 61—Medium size cans, w't per doz., 3 lbs.....per dozen 3.00

No. 62—Large size cans, w't per doz., 4 lbs.....per dozen 4.60

No. 63—½ pint cans, w't per doz., 9 lbs., per dozen..... 7.00

Put up in the same manner as Ormoloid, out of the very finest, brightest and most brilliant bronze powder and bronzing liquid obtainable. It produces a rich aluminum finish on picture frames, chairs, tables, bedsteads, machinery, bicycles, baskets, statues, shoes, sewing machines, curtain poles, doors, window sills, baby carriages, sideboards, dressers, trays, mail boxes, umbrella holders, kitchen fixtures, bath room walls, grates, iron fences, etc.

ONE DOZEN IN A CARTON.

VULCAN ALUMINUM PAINT.

Liquid and Powder Separate.

No. 80—Medium size cans, w't per doz., 3¼ lbs.....per dozen $3.00

No. 81—Large size cans, w't per doz., 6 lbs.....per dozen 5.00

No. 82—½ pint cans, w't per doz., 9 lbs..... 8.20

For use on Stoves, Engines, Motors, Generators, Boilers or any Iron, Steel or Metal Surface likely to be subject to intense heat. Will stand 1800° Fahrenheit.

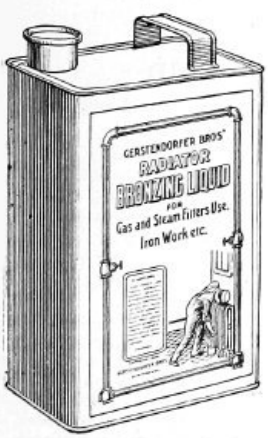
MEDIUM SIZE ONLY PUT UP IN CARTONS.

PREMIUM ALUMINUM PAINT.

Acid, Water and Weather Proof, Untarnishable, Washable, Durable.

1 gal. Cans,	each $4.30
½ gal. Cans,	" 2.30
1 qt. Cans,	" 1.25
1 pt. Cans,	" .70
½ pt. Cans,	" .45
¼ pt. Cans,	" .25
½ gill Cans,	" .18
Small Bottles (1 doz. in a box), with brush, per dozen	1.60

Can be used on all kinds of metals, wood, brick, stone, paper, glass, etc.; cook stoves, steel ranges, steam pipes, water pipes, hot water boilers, steam boilers, bath tubs, sinks, mail boxes, bicycles, signs, store fronts, sail and steam boats in fresh or salt water.



RADIATOR OR BRONZE POWDER BRONZING LIQUID.

For Gas and Steam Fitters' Use, Iron Work, Etc.

1 gal. Cans,	per gal.
½ gal. Cans,	"
¼ gal. Cans,	"
⅛ gal. Cans,	per doz.
1/16 gal. Cans,	"

STAR BANANA BRONZING LIQUID.

For Interior and Exterior Gilding of Any Kind.

1 gal. Cans,	per gal.
½ gal. Cans,	"
¼ gal. Cans,	"
⅛ gal. Cans,	per doz.
1/16 gal. Cans,	"

BRONZE POWDERS.

Gold Powder.

No. 5—In 1 oz. papers, - - - - per lb. $0 80
No. 75—In 1 lb. cans, - - - - " .75
For radiators, coils, steampipes, plumbing and ordinary gilding.

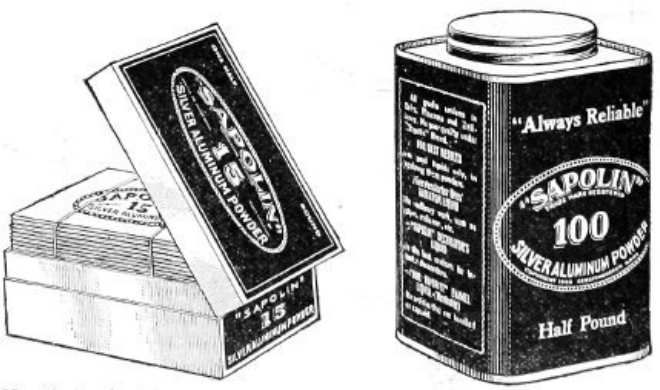
No. 10—In 1 oz. papers, - - - - per lb. $1.60
No. 125—In 1 lb. cans, - - - - " 1.25
For radiators, coils, steampipes, plumbing and ordinary gilding.

No. 15—In 1 oz. papers, - - - - per lb. $2 40
No. 150—In 1 lb. cans, - - - - " 1.50
For railings, lighting fixtures, elevators, printing, embossing and lithographing.

No. 20—In 1 oz. papers, - - - - - per lb. $3.20
For railings, lighting fixtures, elevators, printing, embossing and lithographing.

No. 25—In 1 oz. papers, - - - - - per lb. $4.00
For picture frames, baskets, vases, chandeliers, chairs, frescoing and extra fine gilding.

SILVER ALUMINUM POWDER.



No. 5 A—In ½ oz. papers, - - - - per lb. $2.00
No. 75A—In ½ lb. cans, - - - - " 1.50
For radiators, coils, steampipes, plumbing and ordinary gilding.

No. 10 A—In ½ oz. papers, - - - - per lb. $3.20
No. 100A—In ½ lb. cans, - - - - " 2.00
For radiators, coils, steampipes, plumbing and ordinary gilding.

No. 15A—In ½ oz. papers, - - - - per lb. $4.80
For picture frames, baskets, vases, chandeliers, chairs, frescoing, and extra fine gilding.

The number on the above line designates in addition to the stock number, the retail selling price. For example, No. 5 retails at 5 cents per oz. package.

FURNITURE POLISH AND FLOOR PREPARATIONS.

"OUR VERY BEST" FURNITURE POLISH.

Removes the Dirt, Gives Life to Varnish, Brings Back the Polish.

3 oz. Bottles, one dozen in a counter display box, w't per doz. 9 lbs.. per dozen $1.35
6 oz. Bottles, half dozen in a counter display box, w't per doz. 11 lbs.. per dozen 1.80
1 gal. Cans, w't 8 lbs.....each 1.35

In recommending this polish, we do so with the full knowledge of its ingredients. It contains no acids, kerosene, lard oil, grease, lime, lye or potash, chloride of lime, or, in fact, anything harmful to the furniture. There has never been anything like it produced. It can be used on the finest pianos, all kinds of furniture, and store, office and bank fixtures. It restores the original finish, removes dirt, grease, finger marks, ink, etc. It is equally good on oil finish, varnish, shellac, lacquer or painted surfaces, and is by far the best polish, renewer and cleaner on the market.

ZOL FURNITURE POLISH.

"Zol" disinfects and cleans, while at the same time it imparts a deep, rich lustre. It brings back the fresh look that things have before they are aged by grime and wear. It should be used daily on dusting cloths. It will not smear, dries quickly, and contains no acid.

Zol—Cleaner and polisher, 8 oz. bottles, w't per doz. 20 lbs., per dozen..... $3.00

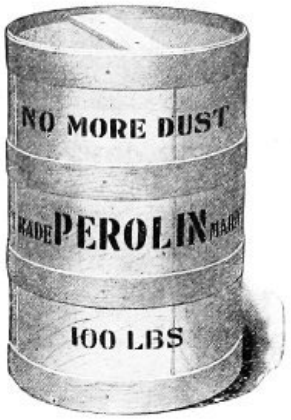
ONE DOZEN IN A BOX.

LIQUID VENEER.

Liquid Veneer is a wonder worker. It will make refinishing or revarnishing entirely unnecessary. It is not a varnish but a surface food and cleaner which builds up the original finish and makes it brighter than ever. No brush is needed—nothing but a piece of cheese cloth and there is no drying to wait for. It removes all scratches, stains, dirt and dullness, and it can be applied to any finish with beneficial results. It is perfectly adapted to natural wood as well as any color of paint. It will improve the most beautiful furniture. It will take that smoky look from the piano and other mahogany and it is highly beneficial to golden oak, white enamel, gilt, silver, and other finishes. Extensive advertising in high-class magazines is causing a great demand for Liquid Veneer and dealers everywhere find that it is a lively seller.

No. 13—1 gal. bottles, w't 15 lbs., per gal. $4.25
No. 14—½ gal. bottles, w't 9 lbs. " 4.75
No. 15—¼ gal. bottles, w't 4 lbs. " 5.50
No. 1—50 cent size, 12 oz. bottles, w't per doz. 24 lbs.....per dozen 8.00
No. 2—25 cent size, 4 oz. bottles, with display stand, w't per doz. 11 lbs., per dozen..... 4.50

PEROLIN SWEEPING POWDER.



100, 200 and 300 lb. Drums, for general use.....per 100 lbs. $7.00
25 Cent Canisters, containing 5 lbs., for general use, one dozen in a case, per dozen..... 4.50

Perolin is the original German disinfectant and dustless sweeping powder. It is a dust absorbent that absorbs dust. It scours and polishes floors to such an extent that after several weeks of continuous use, frequent scrubbing can be dispensed with. It cleans and preserves carpets and rugs. It disinfects and purifies the air. Perolin will prove invaluable in any store where goods are displayed on the counters or any place where settling dust causes damage. Saves merchandise for the storekeeper and saves work for the housewife.

DUSTLESS FLOOR OIL.

Keeps Down the Dust.

5 gal. Cans, w't 40 lbs.....per gallon $0.95
1 gal. Cans, w't 8 lbs..... " 1.00
½ gal. Cans, w't 4 lbs..... " 1.35
1 qt. Cans, w't 2 lbs..... " 1.60

This is a thin coating to apply to office, store and public hall floors. Keeps down the dust and protects the floor. It is easily applied, and is coming into general use. In sweeping the dust does not leave the floor, but rolls up and brushes easily along. One gallon will cover 200 to 300 square feet, according to the nature of the wood and surface.

JOHNSON'S FLOOR WAX.

1, 2 or 4 lb. Cans.....per pound $0.60

Prepared from materials adapted to produce the best results. It is perfectly transparent, and will not change the natural color of the wood. It does not show scratches or heel marks.

JOHNSON'S POWDERED FLOOR WAX.

1 lb. Perforated Top Round Cans...each $0.60
½ lb. Perforated Top Round Cans... " .36

This is especially recommended for dancing floors.

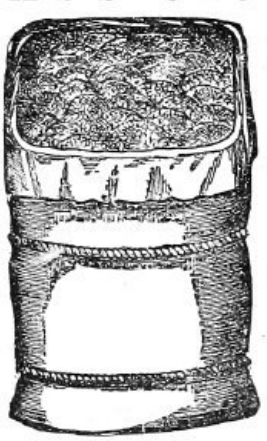
LINOLEUM LUSTRE.

No. 1—Case containing twelve 1 qt. cans, w't per case 33 lbs.....per case $9.60
No. 2—Case containing eighteen 1 pt. cans, w't per case 30 lbs.....per case 7.80
No. 3—Case containing assortment of eight 1 qt. cans and eight 1 pt. cans, w't per case 32 lbs.....per case 9.44

A liquid preparation made especially for linoleum and printed oil cloth. It is without a peer as a color and pattern preserver. Linoleum is to-day one of the most popular of all floor coverings, its most objectionable feature has been the continual unevenness of wear, causing color to become dull and pattern to be lost, leaving a decidedly spotted effect in the linoleum. By the use of Linoleum Lustre the linoleum or oil cloth will retain all its original brightness and lustre, thus making its life much longer and service more satisfactory. It is easily applied, in fact, a child can apply it, as it is impossible to get an uneven surface, such as would cause it to crack or blister when dry. Applied in the evening it will be dry in the morning. Hot or cold water does not affect it.

One quart of Lustre will cover 160 square feet.

CUBAN SPONGES.



Thoroughly Washed.

No. 20—Best Cuban sheepswool, per pound..... $4.50
No. 30—Best Cuban grass.....per pound 1.30

These sponges are very strong, soft, and free from grit. For washing buggies, and for general painters' use.

WEIGHT PER BALE 50 LBS.

LUBRICATING OILS.

CHARGE FOR CONTAINERS.

Our prices for oil are based on the cost in barrels. We make the following charges for less quantity:

Full Barrels (50 gallons), - - - - - - - - - - - - - - - - - - no extra charge for container
Half Barrels, - - - - - - - - - - - - - - - 3 cents per gallon extra, no charge for container
10 Gallon Cans, - - - - - - - - - - cost of container $1.25, 3 cents per gallon extra over price per barrel
5 Gallon Cans, - - - - - - - - - - cost of container $0.75, 3 cents per gallon extra over price per barrel

CYLINDER.

O. V. B.—A light filtered high-fire test oil of great viscosity, a fine lubricant and equal to any high grade oil on the market, - - - - - - - per gallon $0.69

Shoshone—An oil similar in quality to Arapahoe, but darker in color, a good oil for heavy work, - per gallon .51

Arapahoe—A heavy bodied, dark green oil, owing to its high-fire test especially adapted to high pressure and heavy work, - - - - - - - per gallon .44

Wichita—A low priced, heavy oil for pumps and similar low-pressure work, - - - - - - per gallon .35

ENGINE.

Santee—A very fine engine oil, compounded especially for general work, very satisfactory for engines, dynamos, etc., - - - - - - - - - per gallon $0.46

Modoc—A light colored, heavy bodied oil intended for all kinds of heavy work, - - - - - per gallon .41

Chippewa—A heavy red engine oil, similar in quality to Modoc, - - - - - - - - per gallon .36

NEAT'S FOOT.

Barrels, Half Barrels, 5 and 10 Gallon Cans, - market price

MISCELLANEOUS.

Sewing Machine, in 1 gal. cans, - - per gallon $0.32
Gun, in 1 gal. cans, - - - - - " 1.05
Bicycle, in 1 gal. cans, - - - - " 1.05

PREMIER CUP GREASE.

Barrels and Half Barrels, - - - per pound $0.08
50 and 100 lb. Cans, - - - - " .16
10 and 25 lb. Cans, - - - - " .19

A solidified oil of golden color intended for all classes of lubrication requiring a cup grease or hard oil.

MACHINE.

Pawnee Castor—A very satisfactory substitute for a vegetable castor oil at much lower price, - - per gallon $0.32

Huron—A heavy machine oil for shafting, pulleys and general work, - - - - - - - - per gallon 32

Uncas—For light general machine work, - per gallon .30

Rapid—Is the best high test oil made for dynamos and similar high speed machinery, - - per gallon .40

Frigid—An oil with a zero cold test, and a safe and perfect lubricant for all makes of artificial ice and ammonia plants, - - - - - - - per gallon .40

XX Separator—Prepared especially to properly lubricate all makes of hand and machine separators, - per gallon .33

XXX Harvester—An economical and satisfactory lubricant for all classes of harvesting machinery, - per gallon .29

FAMILY.

No. 36.

No. 12.

No. 36—REVONOC, 4 oz., with oil can with patent screw top, put up for lawn mowers, sewing machines, bicycles and general household purposes, - - - per case $3.00
THREE DOZEN IN A CASE.

No. 12—REVONOC, 8 oz., with oil can with patent screw top, otherwise same as No. 36, - - - per case 1.75
ONE DOZEN IN A CASE

LINSEED OIL.

American Linseed Co's Brand.

Raw, strictly pure, old process, - - - - - - - - - - - - - - - - - - per gallon $

Boiled, strictly pure, old process, - - - - - - - - - - - - - - - - - "

Linseed oil sold by weight, 7½ lbs. to the gallon.

Linseed oil is shipped direct from the following points: Chicago, Milwaukee, St. Louis, New Orleans, Des Moines, Sioux City, Omaha, Kansas City, Minneapolis and St. Paul.

Raw linseed oil is a straw yellow color and weighs 7½ lbs. to the gallon. The boiling point is 597 degrees, and it solidifies at 17 degrees Fahrenheit. Its specific gravity at 60 degrees F. is .930. Raw linseed oil is used mostly for light colored and white paints. It is the best for outside use; requires three days to dry in summer heat and has more elasticity than when boiled.

Boiled linseed oil has a dark red amber color, and boils at 597 degrees F. The object of boiling is to dissolve the fatty and greasy portions of the oil, causing it to more thoroughly unite and dry quickly. It requires twenty-four hours to dry in summer heat. Cannot be used in white paint without discoloring it.

MISCELLANEOUS OILS.

Gloss Oil, - per gallon $

Used in place of linseed oil for barrel paints; often substituted for varnish for cheap work, such as toys, willow ware, etc.; extensively used for sizing walls (for which purpose it is excellent), to stop suction before calcimining. It is purely a rosin product, therefore will not mix with lead or zinc; can be used in dry paints, etc., but we do not advise its use.

Spirits of Turpentine, - per gallon $

Mostly used for reducing paint, especially for inside work; used in all varnishes and indispensable to the painter. When used with judgment, this article is of benefit; unless its effects are understood, paints may be easily destroyed by it.

Wood Turpentine, - per gallon $

Wood Turpentine differs from Spirits of Turpentine in that it is distilled from the gum while it is in the wood, while Spirits of Turpentine is distilled from the gum after it has been taken from the wood.

Benzine or Naphtha, - per gallon $

This is a mineral product used by painters, but is usually looked upon as an adulterant. This is a mistake. Benzine, when properly used, is superior to turpentine for numerous purposes. It contains less oil, and will not deaden liquids, such as linseed oil. It evaporates, leaving no sediment, therefore, varnish for inside work can be reduced by it much thinner than if turpentine were used, without destroying its lustre. It is in most cases a better solvent for dryers, etc., than turpentine.

Rubbing Oil, - per gallon $

This article is very valuable for rubbing and polishing varnish in connection with pulverized pumice and rotten stone. It does not dry or become rancid, and can easily be wiped off after the work is completed.

Wood Alcohol, - per gallon $

A perfect substitute for grain alcohol, for all mechanical purposes. It is a better solvent for shellac gums and is equally good for burning purposes. Makes an excellent carriage for fine wood fillers.

We make no charge for packages on oils when sold in full barrels. When sold in less than full barrels, we charge the wholesale price of the container.

H. S. B. & CO'S WHITE LEADS.

Manufactured to Our Order and Fully Guaranteed.

I X L, 1 lb. cans,	per pound	$0.11
I X L, 2 lb. cans,	"	.11
I X L, 3 lb. cans,	"	.11
I X L, 5 lb. cans,	"	.11
I X L, in 12½, 25, 50 or 100 lb. kegs.,	"	.09

I X L White Lead for whiteness and fineness is unexcelled. We have sold it for years. It is finely ground in pure linseed oil. We believe it to be superior to many grades of lead on the market sold for more money.

LA SALLE WHITE LEAD.

La Salle, 1 lb. cans,	per pound	$0.10
La Salle, 2 lb. cans,	"	.10
La Salle, 3 lb. cans,	"	.10
La Salle, 5 lb. cans,	"	.10
La Salle, 12½, 25, 50 or 100 lb. kegs,	"	.08

La Salle White Lead is intended to fill the requirements where a cheap lead is wanted. We have sold this brand for many years and it has given good satisfaction. La Salle Lead is ground in linseed oil and contains good material.

CARTER'S STRICTLY PURE WHITE LEAD AND LITHARGE.

In 12½, 25, 50, 100 or 300 lb. Kegs.

Carter White Lead, dry or in oil,	per pound	——
Carter Red Lead, dry,	"	——
Carter Litharge, dry,	"	——

RED LEAD AND LITHARGE ARE SOLD ONLY IN DRY FORM.

Carter White Lead, in oil, in 1, 2, 3 and 5 lb. tin cans,	per pound	——
Carter White Lead, in oil, Asst 100 lb. cases containing 20–1, 15–2, 10–3, 4–5 lb. cans, Asst. 50 lb. cases containing 20–1, 10–2, 2–5 lb. cans,	per pound	——

To save freight for our customers, we have arranged to ship Carter's Leads from nearest points, viz.: Chicago, St. Paul, Omaha, Kansas City, Cincinnati, Detroit, Milwaukee, St. Louis, Cleveland, New Orleans, Duluth, Savannah, Memphis, Mobile, Nashville, Jacksonville.

DRY MINERAL PAINTS.

Dark Red Iron.

	BARRELS	LESS
No. 1—350 lb. barrels, - - - - - - - - - - - - - - - - per pound	$0.01½	$0.02½

Made from Lake Superior iron ore of the very best hematites in the country; requires a small amount of oil to mix it; free from impurities.

Seal Brown Iron.

No. 2—350 lb. barrels, - - - - - - - - - - - - - - - - per pound	.01¾	.02¾

Made from Lake Superior iron ore of superior shade and quality, of a brown shade, and equal to No. 1 for durability.

Rosy Red Iron.

No. 3—350 to 400 lb. barrels, - - - - - - - - - - - - - - - - per pound	.01¼	.02¼

An iron ore paint, very fine, mixes readily with oil; no sediment; has been on the market for over sixteen years and proved a good red.

Purple Iron.

No. 4—400 lb. barrels, - - - - - - - - - - - - - - - - per pound	.02¼	.03¼

An iron oxide of an excellent purplish cast, a change in color from the red and brown, and very extensively used.

Iron Ridge Iron.

No. 5—300 to 360 lb. barrels, - - - - - - - - - - - - - - - - per pound	.01¼	.02¼

The first iron ore paint made in the United States, always satisfactory; brownish red shade.

Metallic Brown.

No. 6—Prince's shade, 300 to 360 lb. barrels, - - - - - - - - - - - - per pound	.01½	.02½

A red brown iron ore paint; very serviceable.

Red Iron Primer.

No. 7—500 lb. barrels, - - - - - - - - - - - - - - - - - - per pound	.02¾	.03¾

An iron ore paint for priming machinery, wagons, etc.; very fine and makes a smooth coat; first class in all respects; used very extensively under vermilion.

Metallic Red Oxide.

No. 8—336 lb. barrels, - - - - - - - - - - - - - - - - - - per pound	.02¼	.03¼

An excellent red oxide, stronger than Venetian red; a good, strong article for mixing with lead.

Tuscan Red Oxide.

No. 9—336 lb. barrels, - - - - - - - - - - - - - - - - - - per pound	.02¼	.03¼

A fine deep shade, good body, covers extra well, and is very durable; oil gives it a fine tone which never changes.

Mortar Red.

No. 10—300 lb. barrels, - - - - - - - - - - - - - - - - - - per pound	.01¾	.02¾

A good strong color; will not fade; stands well with any mortar, as the lime will not burn it.

DRY MINERAL PAINTS.

Indian Red.

	BARRELS	LESS
No. 11—400 lb. barrels, - - per pound	$0.04½	$0.06

A fine, rich shade, good body and covering capacity.

Maroon Oxide.

No. 12—400 lb. barrels, - - per pound	.02½	.03½

One of the finest purple shades, remarkably durable; large barrels only.

American Venetian Red.

No. 13—350 lb. barrels, - - per pound	.01¼	.02¼

Good shade, ground fine, universally sold all over the country.

Cookson's English Venetian Red.

No. 16—336 lb. barrels, - - per pound	.01⅞	.03

This is genuine, and the finest red on the market; cannot be imitated; is of a purple shade when dry; when mixed in oil it is an excellent bright red.

Royal Venetian Red.

No. 72—336 lb. barrels, - - per pound	.01⅞	.03

Our own selection of English Venetian red; very fine; spreads smoothly under the brush; color strong; stands well.

Perfection Venetian Red.

No. 73—336 lb. barrels, - - per pound	.02	.03

This is also our selection of an English red; very strong; ground very fine; spreads smoothly under the brush; free from grit of all kinds; the very best red for the money ever put on the market.

Light Chrome Ochre.

No. 28—355 lb. barrels, - - per pound	.03	.05

A mineral chrome ochre; very fine, bright in color, does not change when mixed in oil.

Medium Chrome Ochre.

No. 29—355 lb. barrels, - - per pound	.03	.05

Same as No. 28, but more brilliant; good strength and a general favorite among painters.

Oxford Shade Chrome Ochre.

No. 30—355 lb. barrels, - - per pound	.03	.05

Same as Nos. 28 and 29, but a darker shade; excellent body.

Roman Chrome Ochre.

	BARRELS	LESS
No. 31—355 lb. barrels, - - per pound	$0.03	$0.05

Very fine color and a good favorite; used principally for mixing with lead.

Rochelle Yellow Ochre.

No. 33—400 lb. barrels, - - per pound	.01½	.02½

Used for general purposes such as priming and mixing with other pigments; not as fine as French ochre, but gives universal satisfaction.

French Yellow Ochre.

No. 34—375 to 400 lb. barrels, - per pound	.01¾	.02¾

The standard yellow ochre and most called for of all ochres; is fine and of good quality; gives every one satisfaction, and the price is reasonable.

Bermuda Yellow Ochre.

No. 35—375 to 400 lb. barrels, - per pound	.01½	.02½

A good ochre for the money, excellent in quality and well liked by the trade as a cheap ochre.

Golden Washed Ochre.

No. 36—375 to 400 lb. barrels, - per pound	.01¼	.02¼

A very fair ochre and will give good satisfaction for a low-priced article.

Zinc White Mineral.

No. 42—500 to 575 lb. barrels, - per pound	.01⅞	.03

Very white, good body, and an excellent article to mix with lead for priming, or to be used alone for the same purpose.

French Gray.

No. 47—375 lb. barrels, - - per pound	.01¼	.02¼

An excellent shade of gray, especially noted for its fineness; will mix with any pigment; never settles when in oil; very popular.

Stone Gray.

No. 67—375 to 400 lb. barrels, - per pound	.01¼	.02¼

A good shade of gray; fair body; very fine.

DRY COLORS.

Gilders' Whiting.

Bolted, 350 lbs. in barrel, - - - - per pound $0.02

Both lump and bolted are for the same purpose. Extensively used in the manufacturers' arts.

Chalk.

Lump, 300 to 400 lbs. in barrel, - - - per pound $0.02

For coopers' use.

Dry White Lead.

In Bulk, or 600 lb. barrels, - - - - per pound

This is mostly used to make cements and carriage putty. It is also mixed and ground in connection with various pigments to produce colors, giving them a body and covering capacity. At the present day this article can be had in nearly every form imaginable.

Plaster of Paris.

260 lbs. to Barrel, - - - - - per barrel $3.15

For making casts, finishing coats of wall plaster, and is now fast taking the place of lime in wall plaster. Nearly all patent plaster is mixed with this article in the place of lime. By retarding the setting of the plaster of Paris with powdered glue and air-slacked lime, or china clay, it can be made to set in any desired length of time. The addition of alum water will harden this article like granite.

No charge for barrels.

Ordinary Lamp Black.

1 lb. Papers, 50 lbs. in box, - - -	per pound	$0.10
½ lb. Papers, 50 lbs. in box, - - -	"	.11
¼ lb. Papers, 50 lbs. in box, - - -	"	.13

ASSORTED 1, ½ AND ¼ LB. PAPERS, 5 LBS. IN BOX.

This brand is the most in demand for general purposes.

Germantown Lamp Black.

1 lb. Papers, 45 lbs. in box, - - -	per pound	$0.10
½ lb. Papers, 50 lbs. in box, - - -	"	.12
¼ lb. Papers, 50 lbs. in box, - - -	"	.14
Assorted, 1, ½ and ¼ lb. papers, 45 lbs. in box,	"	.12

Pure and free from grit; extensively used for general painting purposes; gives good satisfaction; free from creosote or grease.

No charge for barrels.

Blacks.

		BBLS.	100-LB. DRUMS	LESS QUANTITY
Ivory Drop, - -	per pound	$0.24	$0.26	$0.30
Bone Black, - -	"	.04	.04½	.06

Whites.

	BBLS.	100-LB. DRUMS	LESS QUANTITY
Green Seal French Zinc, per pound	$0.24	$0.30	$0.36
Red Seal French Zinc, "	.23	.29	.35
Best American, "	.15	.18	.20
Imported English Flake White, "	.30	.36	.40

Browns.

		100-LB. DRUMS	LESS QUANTITY
Burnt Turkey Umber, - -	per pound	$0.09	$0.10
Raw Turkey Umber, - -	"	.09	.10
Burnt American Umber, - -	"	.03½	.04
Raw American Umber, - -	"	.03½	.04
Burnt Italian Sienna, - -	"	.12	.14
Raw Italian Sienna, - -	"	.12	.14
Burnt American Sienna, - -	"	.03½	.04
Raw American Sienna, - -	"	.03½	.04
Imported Van Dyke Brown, -	"	.12	.14
American Van Dyke Brown, -	"	.05	.08

Greens.

		100-LB. DRUMS	28-LB. BOXES	LESS QUANT.
Ultramarine Green, - -	per pound	$0.32	$0.36	$0.38
Bronze Green, - -	"	.16	.18	.22
C. P. Chrome Green, - -	"	.60	.62	.66
Window Blind Green, light, medium or dark, per pound, - - - - -		.20	.22	.24
Chrome Green Standard, light, medium or dark, - - - - -	per pound	.12	.14	.18
Neptune Green, light, medium or dark,	"	.18	.20	.22
No. 1 Chrome Green, light, medium or dark, per pound, - - - - -		.16	.18	.20
Lime Proof Green, light, medium or dark, per pound, - - - - -		.22	.24	.26

Yellows.

		100-LB. DRUMS	28-LB. BOXES	LESS QUANT.
Chemically Pure Chrome Yellow, light, medium or orange, - -	per pound	$0.40	$0.42	$0.44
Ex. Chrome Yellow, - -	"	.20	.22	.24
Chrome Yellow, light, medium or dark, - - - -	"	.14	.16	.18
Dutch Pink, powdered, - -	"	.20	.22	.24

Blues.

		28-LB. BOXES	LESS QUANT
Chinese Blue, - - - -	per pound	$1.00	$1.00
C. P. Prussian Blue, - - -	"	.90	1.00
Prussian Blue, - - - -	"	.60	.70
Ultramarine Blue C. U., - - -	"	.30	.34
Ultramarine Blue H. M., - - -	"	.24	.32
Ultramarine Blue A. B., - - -	"	.16	.17
Ultramarine Blue A. D., - - -	"	.15	.16
Cobalt Blue, - - - - -	"	.34	.36
Celestial Blue, light or dark, - -	"	.16	.18

Reds.

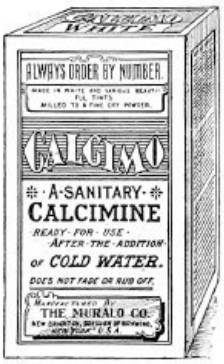
		100-LB. DRUMS	LESS QUANT.
Indian Red, genuine English, - -	per pound	$0.18	$0.20
Indian Red, fine, - - - -	"	.14	.16
Tuscan Super, - - - -	"	.24	.30
Tuscan, - - - - -	"	.20	.24

Lakes and Vermilions.

		100-LB. DRUMS	LESS QUANT.
Turkey Red Lake, - - - -	per pound	$0.52	$0.56
Turkey Red Lake, Dark, - -	"	.52	.56
Permanent Vermilion, - - -	"	.22	.24
XXXX Vermilion, - - - -	"	.22	.24
American Vermilion, - - -	"	.18	20
Permanent Red, - - - -	"	.26	.28
Rose Pink, - - - - -	"	.26	.32
Rose Lake, - - - - -	"	.36	.40
Vienna Lake, - - - - -	"	.44	.50
Oriole Vermilion, - - - -	"	.44	.50
Oriole Vermilion DD, - - -	"	.48	.50
Oriole Vermilion DDDD, - - -	"	.48	.50
Dardinal Vermilion, - - -	"	.20	.24
Special Atlantic, - - -	"	.32	.36

CALCIMO COLD WATER CALCIMINES.

No. 100. No. 101. No. 102. No. 103.



No. 104. No. 105. No. 106. No. 107.

No. 108. No. 109. No. 110. No. 111.

No. 112. No. 113. No. 114. No. 115.

No. 116. No. 117. No. 18. No. 119.

No. 120. No. 121. No. 122. No. 123.

No. 124. No. 125. No. 130. No. 131.

No. 132. No. 133. No. 134. No. 135.

A Sanitary Calcimine.

		Tints.	White.
Barrels (350 lbs.), all shades,	per pound	$0.08	$0.07
Kegs (100 lbs.), all shades,	"	.08½	.07½
5 lb. Packages (20 packages in case), all shades,	"	.11	.10

Calcimo requires only cold water to mix it; flows freely under the brush; dries with a hard, smooth surface; will not rub off, crack, scale or blister. The practical workmen are adopting it everywhere, and it can be used by inexperienced help. It does away with the old-fashioned glue mixtures that require hot or boiling water. It will not lose its properties after being mixed; never works cloudy, streaky, or changes color. It is used by the U. S. government and has been adopted by the school boards throughout the country. It is a disinfectant, therefore is the very best wall coating for hospitals, asylums, prisons, etc.

CALCIMO WALL COLORS.

		100 lb. kegs	50 lb. kegs.	25 lb. kegs	2½ lb. kegs
No. T	per pound	$0.20½	.21	.21½	.22
No. B	"	.12½	.13	.13½	.14
No. C	"	.20½	.21	.21½	.22
No. D	"	.16½	.17	.17½	.18
No. E	"	.24½	.25	.25½	.26
No. O	"	.08½	.09	.09½	.10

		100 lb. kegs	50 lb. kegs	25 lb. kegs	2½ lb. kegs
No. G	per pound	$0.20½	.21	.21½	.22
No. H	"	.10½	.11	.11½	.12
No. I	"	.14½	.15	.15½	.16
No. M	"	.15½	.16	.16½	.17
No. N	"	.30½	.31	.31½	.32

These colors are made from selected materials and are sanitary, durable and non-poisonous. They are properly prepared in a dry powder form, and will give satisfactory results for all interior work where it is desired to give a rich, solid and deep effect.

INDELIBLO COLD WATER PAINTS.

Shades.

No. 200—White.
No. 201—Cream.
No. 202—Light Blue.
No. 203—Light Pink.
No. 204—Lead Color.
No. 205—Slate.
No. 206—Dark Blue.
No. 207—Dark Brick Red.
No. 208—Pea Green.
No. 209—Canary Yellow.

Shades.

No. 210—Lilac.
No. 211—Sage Green.
No. 212—Fawn Yellow.
No. 213—Olive Green.
No. 214—Terra Cotta.
No. 215—Copper Yellow.
No. 216—Light Brown.
No. 217—Light Brick Red.

For Exterior or Interior Use.

		350 lb. bbls.	100 lb. kegs.	50 lb. kegs.	25 lb. kegs.
No. 200—White,	per lb.	$0.06	.06½	.07	.07½
Nos. 201, 202, 203, 204, 205, 208,	"	.07	.07½	.08	.08½
Nos. 210, 212, 214, 215, 216, 217,	"	.07	.07½	.08	.08½

		350 lb. bbls.	100 lb. kegs.	50 lb. kegs.	25 lb. kegs.
Nos. 206, 207 and 209,	per lb.	$0.07½	.08	.08½	.09
No. 211,	"	.08½	.09	.09½	.10
No. 213,	"	.10½	.11	.11½	.12

A wonderful cold water paint; weather proof, fire proof, and a substitute for oil paint; a powder that mixes easily with cold water. Anyone can apply it; will remain in suspension while in solution with no sediment; can be put on any kind of surface; produces a water-proof coating; will not wash off; will stand the snow and rain; is but a fraction of the cost of oil paint; will last for years; one coat covers better than two coats of paint or whitewash; will not rub, crack, scale or peel off. Suitable for elevators and factories (inside and outside), boiler rooms, breweries and basements; also sides of buildings and areaways, brick and stone walls, courts, sheds, etc.; can be applied with a machine. About 5 lbs. dry powder will produce a gallon of paint. Never put up in 5 lb. packages, 25 lb. kegs being the smallest package.

BULK GLUES.

Our glues are made of the very best selected material and we guarantee them to run uniform in grade and quality.

	IN BARRELS	LESS QUANTITY
H. S. Amber—In sheets of 2×4, packed in barrels of about 200 lbs., - - per pound	$0.21	$0.22½
A first-class joining glue for general purposes, such as hardwoods.		
Ribbon Amber—In sheets of 8¼ × 1 in. packed in barrels of about 250 lbs., - per pound	.18	.20
A medium grade of cabinet glue.		
X3 Pure Hide Glue—In broken flake form, packed in barrels of about 250 lbs., per pound	.22½	.24
A high grade joining, especially adapted for fine cabinet work.		
B Amber—Broken flake glue, packed in barrels of about 250 lbs., - - per pound	.14¼	.15¾
A cheaper joining glue, good for soft wood work, also sizing.		
Sinew Stock—Broken flake gelatine, packed in barrels of about 175 lbs., - per pound	.24	.25½
A clear, pure gelatine glue for extra fine sizing, calcimining and painters' glue; also good for general work where the very best glue is required.		
Hide Stock Calcimining Glue—Broken flake, in barrels of about 245 lbs., - per pound	.22½	.24
A high grade of opaque glue, better known as IX, good for joining where a light glue is required.		
Hide and Sinew Ground Glue—Packed in barrels of about 400 lbs., - per pound	.18	.19½
A good glue for sizing, paper box work, and also for general use. It dissolves very rapidly.		
White Thin Stock—Broken flake in barrels of about 200 lbs., - - - per pound	.22½	.24
For very fine calcimining and tinting, where it requires a pure white glue.		
A White—Broken flake in barrels of about 250 lbs., - - - - per pound	.18	.19½
Also a first-class calcimining glue. Thicker cut than the white thin stock.		
H. S. B. White Ground—In barrels of about 400 lbs., - - - - per pound	.21	.22½
A general calcimining glue, dissolving very fast, and does the very best of work. We recommend this very highly.		

We can furnish any of the above glues in ground form at the additional cost of ½ cent per pound.

A Pointer to the Glue User.

In all cases, use ground glue if possible, as it will save considerable time in getting your glue ready for use, as it dissolves considerably faster than the flake glue and also requires less attention. It is best to soak the glue in cold water for an hour or so, then add hot water, and in a very few minutes will be ready for use.

LIQUID GLUES.

IMPROVED PROCESS.

In Bottles.

1 oz., w't per gross 30 lbs., - per gross $12.75
2 oz., w't per gross 54 lbs., - " 19.80

ONE DOZEN IN A BOX.

Patent Top Cans.

½ gill, w't per doz., 7 lbs., - per dozen $ 1.65
1 gill, w't per doz., 11 lbs., - " 2.20

SIX DOZEN IN A CASE.

Self Sealing Collapsible Tubes.

No. 10—Small size, 1 oz., w't per gross 15 lbs., - - - per gross $12.75
No. 12—Large size, 2 oz., w't per gross 16 lbs., - - - per gross 19.80

NO. 10, ONE DOZEN; NO. 12, TWO DOZEN IN A BOX, ONE GROSS IN A CASE.

Assortments.

No. 21—Consisting of two dozen 1 oz. bottles, one dozen ½ gill cans, w't 13 lbs., - - per assortment $ 3.75
No. 22—Consisting of one dozen 1 gill cans, one dozen ½ gill cans, half dozen ½ pt. cans, w't 19 lbs., per assortment 5.50

Patent Cans for Mechanics and Manufacturers.

½ pt., w't per doz. 12 lbs., - - - per dozen $ 3.25
1 pt., w't per doz. 18 lbs., - - - " 5.40
1 qt., w't per doz. 36 lbs., - - - " 9.50
½ gal., w't per doz. 66 lbs., - - - " 18.50
1 gal., w't per doz. 132 lbs., - - - " 36.00
5 gal. cans, boxed w't 58 lbs., - - - per gallon 2.80

½ PT. CANS, TWO DOZEN; BALANCE, ONE DOZEN IN A BOX, EXCEPT 5 GAL. CAN, WHICH IS BOXED SEPARATELY.

LE PAGE'S.

With Brush.

1 oz. Bottles, w't per doz. 2½ lbs., - - per gross $12.75
2 oz. Bottles, w't per doz. 4½ lbs., - - " 19.80
½ gill Cans, patent top, w't per doz. 7 lbs., - per dozen 1.65
1 gill Cans, patent top, w't per doz. 11 lbs., - " 2.20

ONE GROSS 1 OZ. BOTTLES, HALF GROSS 2 OZ. BOTTLES AND THREE DOZEN ½ AND 1 GILL CANS IN A CASE.

Patent Top, without Brush.

½ pt. Cans, w't per doz. 12 lbs., - - per dozen $ 3.25
1 pt. Cans, w't per doz. 18 lbs., - - " 5.40
1 qt. Cans, w't per doz. 36 lbs., - - " 9.50
½ gal. Cans, w't per doz. 66 lbs., - - " 18.50
1 gal. Cans, w't per doz. 132 lbs., - - " 36.00
5 gal. Cans, boxed w't 58 lbs., - - - per gallon 2.80

½ PT. CANS, TWO DOZEN; 1 PT. AND 1 QT., ONE DOZEN; ½ AND 1 GAL., HALF DOZEN IN A CASE.

Self-Sealing Collapsible Tubes.

No. 1— ¾ × 4 in., w't per doz. 1¼ lbs., - - per gross $12.75
No. 2—1⅛ × 4 in., w't per doz. 1⅞ lbs., - " 19.80

TWO DOZEN IN A BOX, WITH HANDSOME SHOW CARD.

Retail Assortments.

No. 1—Consisting of two dozen 1 oz. bottles, one dozen ½ gill cans, with tinned wire display stand, w't 11½ lbs., each $ 3.75
No. 2—Consisting of 1 doz. gill cans, 1 doz ½ gill cans, half doz. ½ pt. cans, w't 19 lbs., - - each 5.50

PUTTY.

"OUR VERY BEST," STRICTLY PURE.

Absolutely Pure Linseed Oil and Whiting.

Barrels (about 800 lbs.),	per 100 pounds	$2.85
Tubs (about 100 lbs.),	" "	3.10
Bladders, in barrels (about 400 lbs.),	" "	3.25
Bladders, in less quantity,	" "	3.40
100 lb. Tin Jacket Kits,	" "	3.45
50 lb. Tin Jacket Kits,	" "	3.70
25 lb. Tin Jacket Kits,	" "	3.90
12½ lb. Tin Jacket Pails,	" "	4.15
1 lb. Tin Cans,	" "	7.00

Spreads smoothly and freely under the knife; dries with a hard surface and never shrinks or cracks.

COMMERCIAL OR GLAZIERS'.

Missouri Whiting and Pure Oil.

Barrels (about 800 lbs.),	per 100 pounds	$2.50
Tubs (about 100 lbs.),	" "	2.70
Bladders, in barrels (about 400 lbs.),	" "	2.85
Bladders, in less quantity,	" "	3.00
100 lb. Tin Jacket Kits,	" "	3.10
50 lb. Tin Jacket Kits,	" "	3.30
25 lb. Tin Jacket Kits,	" "	3.55
12½ lb. Tin Jacket Pails,	" "	3.75

STOVE PUTTY

Or Iron Cement.

5 and 10 lb. Cans,	per pound	$0.06½
1 lb. Cans,	"	.10

For mounting and repairing stoves and ranges. It bakes hard and adheres firmly to the castings, preventing the escape of gas and ashes. Will keep soft a long time in the package. Used by stove manufacturers in the United States and Canada.

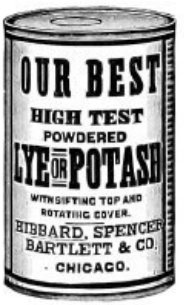
FURNACE CEMENT.

Asbestos, Fire-proof.

5 and 10 lb. Cans,	per pound	$0.07
1 lb. Cans,	"	.10

This cement is composed of asbestos materials, and is used for mounting and repairing furnaces, ranges, heaters, stoves, etc., making them gas tight. Prepared ready for use. Adheres firmly to the castings, sets in a few hours, odorless, contains no oil. Acids and chemicals have no effect on it.

POWDERED LYE



Or Potash.

1 lb. Cans, sifting top, 48 in a case, - - per case $4.50

For painters and printers, also for making hard or soft soap; for removing old paint, varnish, grease, tar and pitch. Full directions on each can.

CHLORIDE OF LIME

Or Bleaching Powder.

		FULL CASE	LESS QUANTITY
1 lb. Cans, sifting top,	50 in a case, per pound	$0.11	$0.12
½ lb. Cans, sifting top,	100 in a case, "	.13	.14
¼ lb. Cans, sifting top,	200 in a case, "	.18	.19

For deodorizing and disinfecting purposes, purifying drains, water closets, cesspools, etc. Full directions on each can.

ROSIN.

Lump, - - - - - - - - per pound $0.03

BORAX.

Lump,	per pound	$0.15
Powdered, 20-MULE TEAM,	"	.15

COMPOSITION PUMICE STONE.

For Fine Polishing of Wood, Metal, Stone, Etc.

			CASES	LESS
No. 3—I, superfine, soft,	per pound	$0.11¼	$0.12½
No. 3—II, superfine, medium,	"	.11¼	.12½
No. 3—III, superfine, hard,	"	.12½	.13½

This stone is imported from Germany. It is selected ground pumice stone (lava) mixed with a cement known only to the maker, and pressed in a mould by hydraulic pressure; free from grit and does not scratch; used by car and carriage painters, also marble finishers.

300 POUNDS IN A CASE

PUMICE STONE.

		BARRELS	LESS
Lump, extra soft, selected carriage,	per pound	$0.11½	$0.13½
Lump, selected,	"	.09	.11¼
Powdered, FF, extra fine; F, fine; No. 0, medium; No. 1, coarse,	"	.04	.05

A volcanic lava, sold in its natural shape.

ROTTEN STONE.

Lump, selected,	per pound $0.12
Powdered,	" .10

Most of this article comes from England; is of a very fine grit for polishing high surfaces, usually after pumice stone has been used.

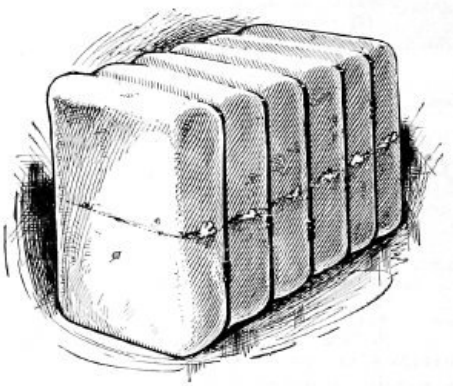
STEEL WOOL.

No. 0—For rubbing and polishing, instead of pumice stone, per pound,		$0.75
No. 1—Equal to No. 0 sand paper,	per pound	.60
No. 2—Equal to Nos. ½ or 1 sand paper,	"	.60
No. 3—Equal to Nos. 1½ or 2 sand paper,	"	.45

ONE POUND IN A PACKAGE.

Steel wool is a mass of fine fibres of steel, resembling curled hair, which, while sharp, do not scratch, but will cut as smoothly as the finest abrasive material heretofore used. It is the best article for rubbing off varnish, shellac, etc., for various uses, where sand paper, pumice stone and other rubbing materials are used, and doing the work quicker, saving time, labor and cost and making it easier for the workman, as he can do the work better and quicker. Being soft and pliable, steel wool adapts itself to the shape of carvings, mouldings, etc., going into places where sand paper does not get in. Will not clog up or gum up, and can be used to the last particle. It is excellent for rubbing a first coat of varnish. When using, rub with the grain. If a particularly smooth finish is desired, use a little linseed oil.

COTTON WASTE.



Machined.

No. 1 White—Best grade,	per pound	$0.12
No. 2 White—Medium grade,	"	.11
No. 1 Colored—Medium grade,	"	.08½

Put up in pressed bales of 100 lbs. Less quantity advance price ½c per lb.

SAND AND EMERY PAPER AND CLOTH.

"REV-O-NOC" FLINT PAPER IN SHEETS.

Sheets 9×11 in.

Nos.	00	0	½	1	
W't per ream	13	15	18	22	lbs.
Per ream	$6.25	6.25	6.25	6.75	
Nos.	**1½**	**2**	**2½**	**3**	
W't per ream	24	27	30	34	lbs.
Per ream	$7.25	7.75	8.25	9.50	

Assorted, Nos. 00 to 3, w't per ream 24 lbs. ..... per ream $7.25.

HALF REAM IN A PACKAGE.

"REV-O-NOC" GARNET PAPER IN SHEETS.

Sheets 9×11 in.

Nos.	00	0	½	1	
W't per ream	22	25	34	40	lbs.
Per ream	$6.50	6.50	6.50	7.00	
Nos.	**1½**	**2**	**2½**	**3**	
W't per ream	47	68	74	80	lbs.
Per ream	$7.50	8.00	8.50	9.75	

HALF REAM IN PACKAGE.

Rev-o-noc Flint and Garnet Paper is made of pure rope manila paper, that is very strong and will not crack by folding. The glue is made with great care, and is a perfect bond between sand and paper. The sand is graded with exactness and is uniform in grade. Rev-o-noc sand paper will prove satisfactory wherever used.

"REV-O-NOC" EMERY PAPER IN SHEETS.

Sheets 9×11 in.

Nos.	00	0	½	1	
W't per ream	26	30	34	36	lbs.
Per ream	$9.25	9.25	9.25	11.00	
Nos.	**1½**	**2**	**2½**	**3**	
W't per ream	40	45	52	58	lbs.
Per ream	$11.50	12.25	14.00	16.50	

HALF REAM IN PACKAGE.

"REV-O-NOC" EMERY CLOTH IN SHEETS.

Sheets 9×11 in.

Nos.	00	0	½	1	
W't per ream	28	35	45	50	lbs.
Per ream	$26.50	26.50	26.50	28.50	
Nos.	**1½**	**2**	**2½**	**3**	
Wt' per ream	54	60	64	70	lbs.
Per ream	$29.75	30.75	33.00	35.25	

QUARTER REAM IN A PACKAGE.

"REV-O-NOC" CROCUS CLOTH IN SHEETS.

Sheets 9×11 in.

W't per ream 40 lbs., ... per ream $26.50

QUARTER REAM IN PACKAGE.

Rev-o-noc Emery Paper and Emery and Crocus Cloth are manufactured with extreme care, and are dependable and uniform. All of the materials are selected to maintain the high standard established for goods sold under this brand.

24 SHEETS IN A QUIRE; 20 QUIRES IN A REAM.

B. & A. FLINT PAPER IN SHEETS.

Sheets 9×11 in.

Nos.	0	00	½	1	
W't per ream	16	18	20	26	lbs.
Per ream	$6.25	6.25	6.25	6.75	
Nos.	**1½**	**2**	**2½**	**3**	
W't per ream	30	40	46	55	lbs.
Per ream	$7.25	7.75	8.25	9.50	

Assorted, Nos. 00 to 3, w't per ream 30 lbs. ..... per ream $7.25

HALF REAM IN A PACKAGE.

B. & A. GARNET PAPER IN SHEETS.

Sheets 9×11 in.

Nos.	00	0	½	1	
W't per ream	22	25	34	40	lbs.
Per ream	$6.50	6.50	6.50	7.00	
Nos.	**1½**	**2**	**2½**	**3**	
W't per ream	47	68	74	80	lbs.
Per ream	$7.50	8.00	8.50	9.75	

HALF REAM IN A PACKAGE.

B. & A. EMERY PAPER IN SHEETS.

Sheets 9×11 in.

Nos.	00	0	½	1	
W't per ream	26	30	34	36	lbs.
Per ream	$9.25	9.25	9.25	11.00	
Nos.	**1½**	**2**	**2½**	**3**	
W't per ream	40	45	52	58	lbs.
Per ream	$11.50	12.25	14.00	16.50	

HALF REAM IN A PACKAGE.

B. & A. EMERY CLOTH IN SHEETS.

Sheets 9×11 in.

Nos.	00	0	½	1	
W't per ream	28	35	45	50	lbs.
Per ream	$26.50	26.50	26.50	28.50	
Nos.	**1½**	**2**	**2½**	**3**	
W't per ream	54	60	64	70	lbs.
Per ream	$29.75	30.75	33.00	35.25	

QUARTER REAM IN A PACKAGE.

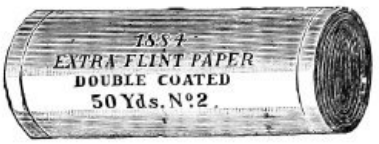
B. & A. CROCUS CLOTH IN SHEETS.

Sheets 9×11 in.

W't per ream 33 lbs., ... per ream $26.50

QUARTER REAM IN PACKAGE.

B. & A. FLINT PAPER IN ROLLS.



50 Yards Long.

Nos.	00 to 1½	1	1½	2	
W't (24 in.),	(½) 20	25	30	40	lbs.
24 in., per roll,	$6.75	7.25	7.75	8.50	
W't (30 in.),	(½) 30	35	40	46	lbs.
30 in., per roll,	$9.00	9.50	10.00	10.50	
W't (36 in.),	(½) 32	37	42	49	lbs.
36 in., per roll,	$11.00	11.50	12.00	12.50	
W't (40 in.),	(½) 33	43	53	65	lbs.
40 in., per roll,	$13.25	13.75	14.25	14.75	
W't (42 in.),	(½) 40	48	53	67	lbs.
42 in., per roll,	$14.25	14.75	15.25	15.75	
W't (48 in.),	(½) 47	55	65	72	lbs.
48 in., per roll,	$16.50	18.00	18.50	19.25	

Nos.	2½	3	3½	4	
W't (24 in.),	45	55	70	80	lbs.
24 in., per roll,	$9.25	10.25	11.25	12.25	
W't (30 in.),	54	65	74	86	lbs.
30 in., per roll,	$11.00	12.00	14.00	16.50	
W't (36 in.),	67	82	96	110	lbs.
36 in., per roll,	$13.25	14.25	16.50	18.75	
W't (40 in.),	80	94	102	120	lbs.
40 in., per roll,	$15.50	16.75	19.00	22.00	
W't (42 in.),	83	98	110	130	lbs.
42 in., per roll,	$16.50	18.00	20.00	23.00	
W't (48 in.),	86	102	120	140	lbs.
48 in., per roll,	$20.00	22.00	25.50	29.00	

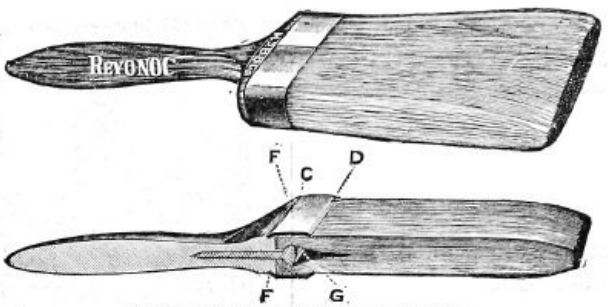
B. & A. GARNET PAPER IN ROLLS.

50 Yards Long.

Nos.	00 to ½	1	1½	
Weight (24 in.)	(½) 30	40	55	lbs.
24 in. per roll	$7.50	7.75	8.00	
Weight (30 in.)	(½) 42	55	70	lbs.
30 in. per roll	$9.75	10.25	10.75	
Weight (36 in.)	(½) 50	65	80	lbs.
36 in. per roll	$12.00	12.50	13.00	
Weight (40 in.)	(½) 58	70	85	lbs.
40 in. per roll	$14.00	14.50	15.25	
Weight (42 in.)	(½) 80	90	100	lbs.
42 in. per roll	$16.25	16.75	17.25	
Weight (48 in.)	(½) 83	93	105	lbs.
48 in. per roll	$20.00	21.00	21.50	

Nos.	2	2½	3	
Weight 24 in.)	70	80	92	lbs.
24 in. per roll	$8.50	9.25	10.25	
Weight (30 in.)	90	102	118	lbs.
30 in. per roll	$11.25	12.00	13.00	
Weight (36 in.)	95	118	136	lbs.
36 in. per roll	$13.50	14.00	15.25	
Weight (40 in.)	98	126	132	lbs.
40 in. per roll	$15.75	16.25	17.25	
Weight (42 in.)	112	131	138	lbs.
42 in. per roll	$17.75	18.25	20.00	
Weight (48 in.)	118	138	152	lbs.
48 in. per roll	$22.00	23.75	27.00	

"REV-O-NOC" INDESTRUCTIBLE PAINT AND VARNISH BRUSHES.



Section of Brush showing construction.

NEW IMPROVED INDESTRUCTIBLE TACKLESS.

C and D—Ferrule beveled after plug has been driven.

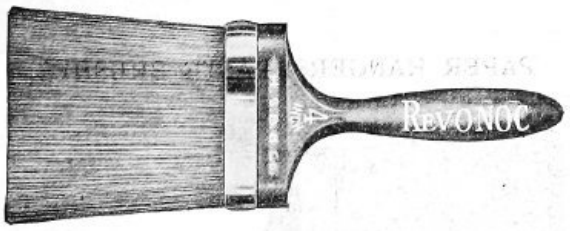
F—Dovetailed handle.

G—"T" shaped corrugated aluminum plug.

These brushes must be seen in order to be fully appreciated and the customer who has once used them will never be satisfied with others. They give satisfaction under all circumstances and conditions. The holding parts are all metal and the bristles, ferrule and the handle are forced together under high pressure. This construction makes it impossible for the brushes to shed bristles or come apart, no matter for what purpose they are used or how long they are kept. They are guaranteed to wear and they will work satisfactorily in paint, varnish, shellac, hot glue or any other preparation that will not injure or destroy the brushes.

The "Rev-o-noc" brushes are the neatest and the easiest for the mechanic to keep clean. They are the strongest metal bound brushes made. They will wear close without becoming stiff. They will not "finger" or "swallow-tail" and will not dry out or come apart. Only the best quality of bristles are used. "Rev-o-noc" brushes are the most economical and satisfactory on the market and contain every quality necessary for good work.

FLAT PAINT OR WALL BRUSHES.



Extra Long Selected Black Chinese Bristles, Very Full and Heavy, Nickel Ferrules, Red Polished Handles.

No. 42 REVONOC—Width				3½ 4 in.
Length bristles				4½ 4¾ in.
W't per doz				7 9 lbs.
Per dozen				$19.87 22.50
No. 32 REVONOC—Width				3½ 4 in.
Length bristles				4¼ 4¼ in.
W't per doz				7 9 lbs.
Per dozen				$18.90 21.37
No. 22 REVONOC—Width				3½ 4 in.
Length bristles				3¾ 4 in.
W't per doz				6 8 lbs.
Per dozen				$12.00 15.75
No. 18 REVONOC—Width	3	3½	4	4½ in.
Length bristles	3	3¼	3½	3¾ in.
W't per doz	4	6	7	8 lbs.
Per dozen	$7.12	9.90	12.00	14.85

HALF DOZEN IN A BOX.

FLAT VARNISH BRUSHES.

Elastic Chisel Bristle Paint, Varnish or Trim, Triple Thick. Long Selected Black Chinese Bristles, Nickel Ferrules, Red Polished Beaver Tail Handles.

No. 73 REVONOC—Width	2½	3 in.
Length bristles	3⅜	3⅜ in.
W't per doz	4	5 lbs.
Per dozen	$11.62	15.00

HALF DOZEN IN A BOX.

Chisel Bristle Flowing, Triple Thick, Best Lily White French Bristles, Nickel Ferrules, Red Polished Beaver Tail Handles.

No. 83 REVONOC—Width	2	2½ in.
Length bristles	2½	2¾ in.
W't per dozen	3	4 lbs.
Per dozen	$9.00	11.25

HALF DOZEN IN A BOX.

"REV-O-NOC" VARNISH AND CALSOMINE BRUSHES.

FLAT VARNISH BRUSHES.

Chisel Bristle Flowing, Triple Thick, Selected Black Chinese Bristles, Nickel Ferrules, Red Polished Beaver Tail Handles.

No. 62 REVONOC—Width	1½	2	2½	3 in.
Length bristles	2¼	2½	2¾	3 in.
W't per doz.	2	3	4	4 lbs.
Per dozen	$4.50	6.75	9.00	11.25

1½ AND 2½ IN., ONE DOZEN; BALANCE, HALF DOZEN IN A BOX.

Chisel Bristle Flowing, Double Thick, Selected Black Chinese Bristles, Nickel Ferrules, Red Polished Handles.

No. 51 REVONOC—Width	1½	2	2½	3 in.
Length bristles	1¾	2	2¼	2½ in.
W't per doz.	1½	2	3	4 lbs.
Per dozen	$3.00	3.82	5.02	7 50

3½ IN., ½ DOZEN; BALANCE, ONE DOZEN IN A BOX.

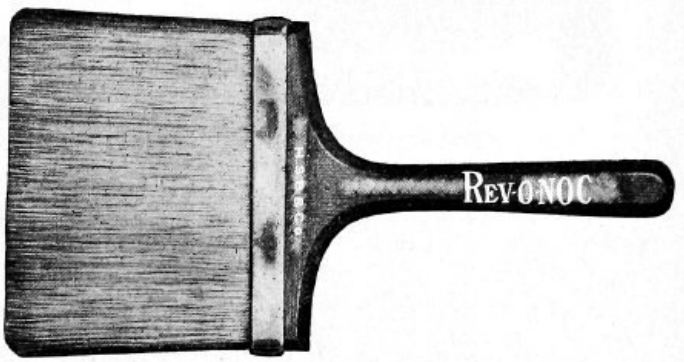
PAINT, VARNISH OR TRIM BRUSHES.

Chisel Bristle Paint, Varnish or Trim, Double Thick, Selected Black Chinese Bristle, Nickel Ferrules, Long Red Polished Handles.

No. 82 REVONOC—Width	1½	2	2½ in.
Length bristles	2¼	2½	2¾ in.
W't per doz.	1½	2½	3 lbs.
Per dozen	$3.37	4.87	7.25

ONE DOZEN IN A BOX.

CALSOMINE BRUSHES.



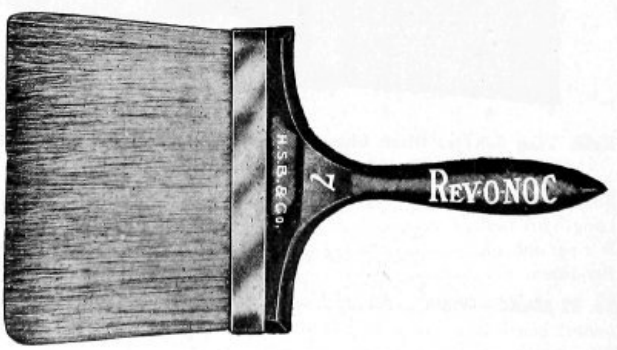
Extra Long Selected White Russian Bristles, Nickel Ferrules, Red Polished Handles.

No. 103 REVONOC—Width	7	8 in.
Length bristles	5	5¼ in.
W't per doz.	14	16 lbs.
Per dozen	$45.00	60.00

One of the troubles of the brush manufacturer has been to produce a Calsomine brush which will stand the various uses to which a brush of this kind is subjected. A trial will convince the most skeptical of the superiority of our "Rev-o-noc" calsomine brushes.

ONE-QUARTER DOZEN IN BOX.

PAPER HANGERS' PASTE BRUSHES.



Selected Long Grey Russian Bristles, Nickel Ferrules, Red Polished Handles, Fully Warranted.

No. 102 REVONOC—Width	7	8 in.
Length bristles	4½	4½ in.
W't per doz.	14	16 lbs.
Per dozen	$31.50	36.00

ONE-QUARTER DOZEN IN BOX.

WALL PAINT BRUSHES.

Dandy, All White Stock, Lacquered Tin Ferrule, Varnished Handle.

No. 310—Width	2½	3	3½ in.
Length bristles	1¾	2	2¼ in.
W't per doz.	2½	3	4 lbs.
Per dozen	$1.50	1.88	2.62

No. 310—Width	4	4½ in.
Length bristles	2½	2¾ in.
W't per doz.	4¾	5¼ lbs.
Per dozen	$2.77	4.27

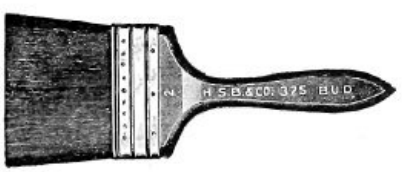
HALF DOZEN IN A BOX.

Pekin, Black Chinese Bristles, Tin Ferrule, Imitation Rosewood Handle.

No. 320—Width	2½	3	3½ in.
Length bristles	2	2⅛	2¼ in.
W't per doz.	2¾	3½	4¼ lbs.
Per dozen	$1.71	2.02	2.62

No. 320—Width	4	4½ in.
Length bristles	2⅜	2½ in.
W't per doz.	4¾	5 lbs.
Per dozen	$3.30	3.82

HALF DOZEN IN A BOX.



Bud, Black Chinese Bristles, Tin Ferrule, Imitation Rosewood Handle.

No. 325—Width	2½	3	3½ in.
Length bristles	2⅛	2¼	2½ in.
W't per doz.	2½	3¼	4 lbs.
Per dozen	$2.10	2.52	3.22

No. 325—Width	4	4½ in.
Length bristles	2¾	3 in.
W't per doz.	5	5½ lbs.
Per dozen	$4.12	5.85

HALF DOZEN IN A BOX.

Gem, All White Bristles, Tin Ferrule, Imitation Rosewood Handle.

No. 330—Width	3	3½	4 in.
Length bristles	2¾	3	3¼ in.
W't per doz.	3¾	4¼	4¾ lbs.
Per dozen	$4.72	5.92	7.27

Gem, All White Bristles, Long Stock, Lacquered Tin Ferrule, Imitation Rosewood Handle.

No. 331—Width	3½	4in.
Length bristles	4	4¼ in.
W't per doz.	5	6 lbs.
Per dozen	$11.47	16.95

HALF DOZEN IN A BOX.

Black Super, Black Chinese Bristles, Nickel Ferrule, Imitation Rosewood Handle.

No. 340—Width	3	3½	4 in.
Length bristles	2¾	3	3¼ in.
W't per doz.	4	4¾	5¾ lbs.
Per dozen	$3.15	4.35	5.00

Black Super, Long Black Chinese Bristles, Nickel Ferrule, Imitation Rosewood Handle.

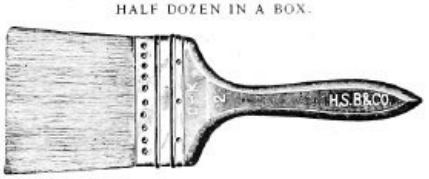
No. 341—Width	3½	4 in.
Length bristles	4	4¼ in.
W't per doz.	5½	7 lbs.
Per dozen	$9.22	12.22

HALF DOZEN IN A BOX.

Extra Super, Pure Okatka Bristles, Brass Ferrule, Varnished Handle, Sole Leather Center.

No. 350—Width	3½	4	4½ in.
Length bristles	4½	4½	4½ in.
W't per doz.	6¼	7	8 lbs.
Per dozen	$20.25	22.95	25.65

HALF DOZEN IN A BOX.

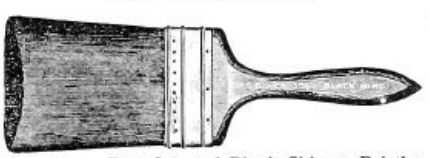


O. K., Best White Russian Bristles, Brass Ferrules, Varnished Handle.

No. 355—Width	3	3½	4 in.
Length bristles	3	3¼	3½ in.
W't per doz.	4½	5¼	6¼ lbs.
Per dozen	$7.20	9.52	11.37

No. 355—Width	4½	5 in.
Length bristles	3¾	4 in.
W't per doz.	7¼	8¼ lbs.
Per dozen	$16.83	20.50

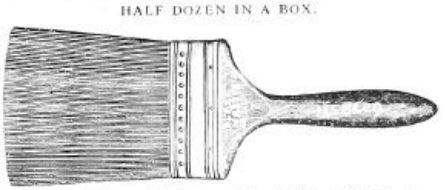
HALF DOZEN IN A BOX.



Black Nero, Best Selected Black Chinese Bristles, Nickel Ferrule, Imitation Rosewood Handle.

No. 356—Width	3½	4 in.
Length bristles	4½	4½ in.
W't per doz.	6½	7¼ lbs.
Per dozen	$17.47	19.27

HALF DOZEN IN A BOX.



Black Master Painter, Best Selected Black Chinese Bristles, Full Stock, Nickel Ferrule, Imitation Rosewood Beaver Tail Handle.

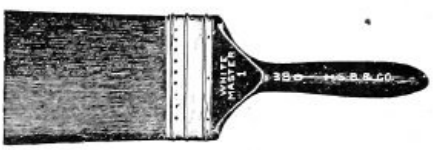
No. 357—Width	3½	4 in.
Length bristles	4½	4¾ in.
W't per doz.	6½	7½ lbs.
Per dozen	$18.81	22.32

HALF DOZEN IN A BOX.

Gray Master Painter, Best Selected Gray Russian Bristles, Full Stock, Nickel Ferrule, Yellow Polished Beaver Tail Handle.

No. 358—Width	3½	4 in.
Length bristles	4½	4¾ in.
W't per doz.	6¾	8 lbs.
Per dozen	$19.27	25.08

HALF DOZEN IN A BOX.



White Master Painter, Best Selected Yellow Okatka Bristles, Full Stock, Nickel Ferrule, Yellow Polished Beaver Tail Handle.

No. 380—Width	3½	4	4½ in.
Length bristles	4½	4¾	4¾ in.
W't per doz.	6½	7¼	8 lbs.
Per dozen	$22.27	26.25	31.00

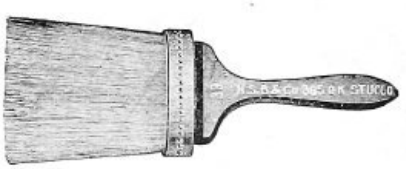
HALF DOZEN IN A BOX.

Extra Stucco, All White Selected Russian Bristles, Leather Bound, Varnished Handle.

No. 360—Sizes	25	30
Width	3	3½ in.
Length bristles	4½	4¾ in.
W't per doz.	4¾	5½ lbs.
Per dozen	$8.25	11.25

No. 360—Sizes	35	40
Width	4	4½ in.
Length bristles	5	5¼ in.
W't per doz.	6¾	7½ lbs.
Per dozen	$14.85	18.00

HALF DOZEN IN A BOX.



O. K. Stucco, Best Quality White Russian Bristles, Leather Bound, Not Plugged, Red Varnished Handle.

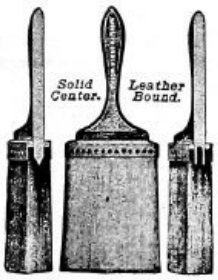
No. 365—Sizes	30	35	40
Width	3½	4	4½ in.
Length bristles	5¼	5½	5½ in.
W't per doz.	6¼	7¼	9¾ lbs.
Per dozen	$22.02	28.87	31.72

This brush is extra heavy and very elastic.

HALF DOZEN IN A BOX.

WALL PAINT BRUSHES AND PAINTERS' DUSTERS.

WALL PAINT BRUSHES.



These Brushes are the Best Because:

They have more elasticity, and break in easier.
They will hold more paint and spread it more evenly.
They will wear up closer, and wear longer.
They will not "swallow tail."
They will not come apart.
They are absolutely first-class in every respect and are fully warranted.

"Countess" Stucco, Solid Center, Leather Bound, All Long Selected Chinese Bristles.

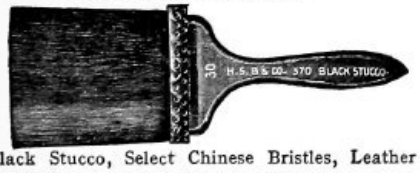
No. 366—Sizes	30	35	40	
Width	3½	4	4½	in.
Length of bristles	5	5¼	5¼	in.
W't per doz	6¼	7¼	7¾	lbs.
Per dozen	$16.80	20.10	22.50	

HALF DOZEN IN A BOX.

"Superior" Stucco, Solid Center, Leather Bound, All White Russian Bristles, Long Stock.

No. 367—Sizes	30	35	40	
Width	3½	4	4½	in.
Length of bristles	5	5¼	5¼	in.
W't per doz	6	7	8	lbs.
Per dozen	$18.00	23.77	26.62	

HALF DOZEN IN A BOX.



Black Stucco, Select Chinese Bristles, Leather Bound, Red Varnished Handle.

No. 370—Sizes	25	30	
Width	3	3½	in.
Length bristles	4¼	4½	in.
W't per doz	4½	5¾	lbs.
Per dozen	$8.32	11.25	
No. 370—Sizes	**35**	**40**	
Width	4	4½	in.
Length bristles	4¾	4¾	in.
W't per doz	6¼	7	lbs.
Per dozen	$14.55	17.62	

HALF DOZEN IN A BOX.

Extra Black Stucco, Best Selected Chinese Bristles, Very Fine and Elastic, Leather Bound, Red Varnished Handle.

No. 375—Sizes	30	35	40	
Width	3½	4	4½	in.
Length bristles	5	5¼	5¼	in.
W't per doz	5¾	7	8	lbs.
Per dozen	$16.20	19.72	21.90	

HALF DOZEN IN A BOX.

WALL PAINT BRUSHES.

A superior line of Wall Paint Brushes, best quality and value, selected Chinese bristles, securely made, perfect finish, nickel bands, hardwood handles, natural polished. Each in a folding box attractively printed, making a neat package for the counter. These brushes are made to sell for $0.50, .75 and 1.00 and each brush and box is so marked.

Best Quality Chinese Bristles, Nickel Ferrules, Varnished Handle.

Nos.	1	2	3	
Width	4	3½	4	in.
Length bristles	3¼	3¾	4	in.
W't per doz	6	6	7	lbs.
Retail value	$ .50	.75	1.00	
Per dozen	6.00	9.00	12.00	

ONE IN INDIVIDUAL BOX.

PAINTERS' DUSTERS.

No. 580—3¾ in. bristles, black outside, gray center, stained red handle, w't per doz. 4 lbs. ..... per dozen $4.50

HALF DOZEN IN A BOX.

No. 581—4¼ in. bristles, black outside, gray center, stained red handle, w't per doz. 4½ lbs. ..... per dozen $5.47

HALF DOZEN IN A BOX.

No. 582—4¼ in. fine soft white bristles, natural finished white handle, made especially for coach and carriage painters, w't per doz. 4¾ lbs. ..... per dozen $9.97

HALF DOZEN IN A BOX.

No. 583—4⅝ in. bristles, black outside, gray center, stained yellow handle, w't per doz. 5 lbs. ..... per dozen $12.00

HALF DOZEN IN A BOX.

PAINTERS' DUSTERS.

No. 584—4½ in. bristles, white outside, gray Russian center, stained yellow handle, w't per doz. 5 lbs.. per dozen $12.97

HALF DOZEN IN A BOX.

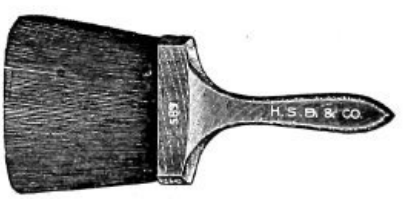
No. 179—2½×1¼ in. block, 6 rows, 2¼ in. fine wire bristles, 5 in. handle, w't per doz. 6 lbs. ..... per dozen $3.30

For cleaning around cornices and in places that cannot be reached with other styles of wire scratch brushes.

ONE DOZEN IN A BOX.

No. 588—4⅛ in. black Russian bristles, 4¼ in. wide, 1 in. thick, natural white varnished handle, w't per doz. 5 lbs., per dozen $8.40

HALF DOZEN IN A BOX.



No. 589—4⅛ in. black Russian bristles, 4¼ in. wide, 1¼ in. thick, natural white varnished handle, w't per doz. 5½ lbs. ..... per dozen $11.92

HALF DOZEN IN A BOX.

SHELLAC BRUSHES.

Chisel Bristle, Double Thick, Selected Black Chinese Bristles, Nickel Ferrule, Red Polished Handle.

No. 575—Width	1½	2	2½	in.
Length of bristles	2	2¼	2½	in.
W't per doz.	1½	2¼	3	lbs.
Per dozen	$3.52	5.77	6.37	

ONE DOZEN IN A BOX.

VARNISH BRUSHES.

FLAT.

Flat, White Bristles, Tin Bound Natural Wood Handle.

No. 470—Inches	1	1½	2	2½	3
Length bristles.	1½	1½	1½	1½	1⅝ in.
W't per doz...	½	¾	1	1¼	1¾ lbs.
Per dozen.....	$0.42	.43	.85	1.08	1.27

ONE DOZEN IN A BOX.

Crow, Black Bristles, Tin Bound.

No. 475—Inches.	1	1½	2
Length bristles..	1½	1½	1⅝ in.
W't per doz.....	½	¾	1¼ lbs.
Per dozen.....	$0.51	.63	.82
No. 475—Inches.		2½	3
Length bristles.		2	2 in.
W't per doz.		1½	2 lbs.
Per dozen.		$1.03	1.27

ONE DOZEN IN A BOX.

Cinch, White French Bristles, Tin Bound, Black Enameled Handle.

No. 480—Inches..	1	1½	2
Length bristles..	1⅜	1½	1⅝ in.
W't per doz.....	½	1	1¼ lbs.
Per dozen.....	$0.69	.99	1.35
No. 480—Inches.		2½	3
Length bristles.		1¾	2 in.
W't per doz.		2	2 lbs.
Per dozen.		$1.87	2.47

ONE DOZEN IN A BOX.

Congo, Black Chinese Bristles, Chisel Pointed, Tin Ferrule, Black Enameled Handle.

No. 490—Inches..	1	1½	2
Length bristles..	1½	1⅝	1¾ in.
W't per doz.....	½	1	1¼ lbs.
Per dozen.....	$0.68	.98	1.27
No. 490—Inches.		2½	3
Length bristles.		2	2⅛ in.
W't per doz.		1¾	2 lbs.
Per dozen.		$1.57	1.95

ONE DOZEN IN A BOX.

White French Bristles, Chisel Point, Tin Ferrule, Yellow Handle.

No. 500—Inches.	1	1½	2
Length bristles..	1½	1¾	2 in.
W't per doz.....	¾	1	1½ lbs.
Per dozen.....	$1.20	1.80	2.47
No. 500—Inches.		2½	3
Length bristles.		2	2⅛ in.
W't per doz.		2	3 lbs.
Per dozen.		$3.37	4.20

ONE DOZEN IN A BOX.

Canton, Black Chinese Bristles, Chisel Point, Tin Ferrule, Yellow Handle.

No. 505—Inches.	1	1½	2
Length bristles..	1½	1⅝	1¾ in.
W't per doz.....	½	1	1¼ lbs.
Per dozen.....	$0.70	1.05	1.35
No. 505—Inches.		2½	3
Length bristles.		2	2⅛ in.
W't per doz.		1¾	2 lbs.
Per dozen.		$1.80	2.10

ONE DOZEN IN A BOX.

FLAT.

Yeddo, Black Chinese Bristles, Chisel Point, Nickel Plated Ferrule, Polished Handle.

No. 510—Inches.	1	1½	2
Length bristles..	1⅛	1¾	1⅞ in.
W't per doz.....	¾	1½	2 lbs.
Per dozen.....	$1.08	1.44	1.98
No. 510—Inches.		2½	3
Length bristles.		2	2⅛ in.
W't per doz.		2¼	2½ lbs.
Per dozen.		$2.32	2.70

ONE DOZEN IN A BOX.

Prince, Black Chinese Bristles, Chisel Point, Nickel Plated Ferrule, Red Polished Handle.

No. 540—Inches..	1	1½	2
Length bristles..	1¾	1⅞	2 in.
W't per doz.....	¾	1¼	1¾ lbs.
Per dozen.....	$0.97	1.42	1.87
No. 540—Inches.		2½	3
Length bristles.		2⅛	2¼ in.
W't per doz.		2½	3 lbs.
Per dozen.		$2.32	2.85

ONE DOZEN IN A BOX.

Topsey, Selected Black Chinese Bristles, Chisel Point, Nickel Ferrule, Polished Handle.

No. 515—Inches..	1	1½	2
Length bristles..	1⅞	2	2¼ in.
W't per doz.....	¾	1¼	2 lbs.
Per dozen.....	$1.26	1.87	2.70
No. 515—Inches.		2½	3
Length bristles.		2½	2⅝ in.
W't per doz.		2½	3¼ lbs.
Per dozen.		$3.37	4.05

ONE DOZEN IN A BOX.

Ideal, Finest White French Bristles, Chisel Point, Nickel Plated Ferrule, Polished Hardwood Handle.

No. 530—Inches..	1	1½	2
Length bristles..	1⅝	1¾	2 in.
W't per doz.....	1	1½	2 lbs.
Per dozen.....	$2.10	3.00	3.50
No. 530—Inches.		2½	3
Length bristles.		2¼	2⅜ in.
W't per doz.		3	3¾ lbs.
Per dozen.		$5.89	6.97

ONE DOZEN IN A BOX.

Tiger, Black Chinese Bristles, Chisel Point, Triple Thick, Nickel Ferrule, Polished Hardwood Handle.

No. 520—Inches..	1	1½	2
Length bristles..	2	2½	2½ in.
W't per doz.....	1	1¾	2½ lbs.
Per dozen.....	$2.02	3.00	4.42
No. 520—Inches.		2½	3
Length bristles.		2¾	3 in.
W't per doz.		3¾	4½ lbs.
Per dozen.		$6.37	8.40

ONE DOZEN IN A BOX.

FLAT.

XXXX Pullman, Selected White French Bristles, Chisel Point, Nickel Ferrule, Polished Beaver Tail Handle.

No. 545—Inches.	1	1½	2
Length bristles..	2	2¼	2½ in.
W't per doz.....	1¼	2	3 lbs.
Per dozen.....	$2.71	4.15	6.39
No. 545—Inches.		2½	3
Length bristles.		2¾	2⅞ in.
W't per doz.		4	5 lbs.
Per dozen.		$9.19	12.09

ONE DOZEN IN A BOX.

Black Pride, Enamel, Flowing or Trim, Extra Quality Chinese Bristles, Very Long, Nickel Bound, Double Nailed, Polished Beaver Tail Handle.

No. 525—Inches.	2½	3
Length bristles.	3½	3¾ in.
W't per doz.	4½	6 lbs.
Per dozen.	$12.00	15.99

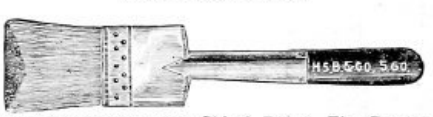
A perfect brush for enamel and general work.

FLOWING.

Best Double Thick White French Bristles, Chisel Point, Double Nailed, Tin Bound, Polished Handle.

No. 550—Inches.	1	1½	2
Length bristles..	1⅝	1⅞	2 in.
W't per doz.....	1	1½	2¼ lbs.
Per dozen.....	$2.46	3.67	4.39
No. 550—Inches.		2½	3
Length bristles.		2⅛	2⅜ in.
W't per doz.		2½	3¼ lbs.
Per dozen.		$7.14	8.53

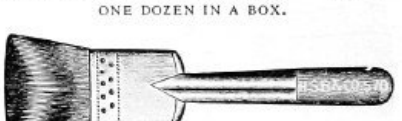
ONE DOZEN IN A BOX.



Double Thick Fitch, Chisel Point, Tin Bound, Double Nailed, Polished Handle.

No. 560—Inches..	1	1½	2
Length bristles..	1⅜	1½	1⅝ in.
W't per doz.....	¾	1½	1¾ lbs.
Per dozen.....	$3.75	5.62	7.50
No. 560—Inches.		2½	3
Length hair.		1¾	1⅞ in.
W't per doz.		2	2¾ lbs.
Per dozen.		$9.45	11.34

ONE DOZEN IN A BOX.



Double Thick Badger, Chisel Point, Tin Bound, Double Nailed, Polished Handle.

No. 570—Inches.	1	1½	2
Length bristles..	1⅜	1½	1⅝ in.
W't per doz.....	¾	1¼	1¾ lbs.
Per dozen.....	$5.76	8.40	11.17
No. 570—Inches.		2½	3
Length hair.		1¾	1⅞ in.
W't per doz.		2¼	2¾ lbs.
Per dozen.		$13.12	15.75

ONE DOZEN IN A BOX.

BRUSHES AND SASH TOOLS.

ROUND PAINT BRUSHES.

Common, White Bristle Outside, Gray Mixed Center, Wire Bound.

No. 250—Sizes	6	5	4	3	2	1
Length bristles	2	2 1/8	2 1/4	2 3/4	2 7/8	3 1/4 in.
W't per doz.	1 1/4	1 5/8	2 1/4	2 3/4	3 1/4	3 1/2 lbs.
Per dozen	$1.44	1.65	1.95	2.43	2.65	2.95

No. 250—Sizes	1/0	2/0	3/0	4/0	5/0	6/0
Length bristles	3 3/8	3 5/8	3 7/8	4 1/8	4 3/8	4 5/8 in.
W't per doz.	4 1/4	4 1/2	4 3/4	5	5 1/4	6 1/2 lbs.
Per dozen	$3.27	3.90	4.35	4.98	6.78	8.29

ONE DOZEN IN A BOX.

OVAL VARNISH BRUSHES.

Standard, White German Bristles, Wire Bound, Beaver Tail Handle.

No. 260—Sizes	6	5	4	3	2
Length bristles	1 3/4	2	2 1/8	2 1/4	2 3/8 in.
W't per doz.	1	1 1/4	1 1/2	2	2 1/4 lbs.
Per dozen	$1.49	1.62	1.80	2.06	2.76

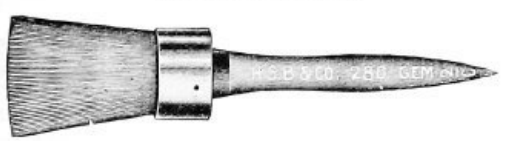
No. 260—Sizes	1	1/0	2/0	3/0	4/0
Length bristles	2 1/2	2 7/8	3	3 1/4	3 1/2 in.
W't per doz.	2 1/2	3 1/4	3 1/2	4	4 1/2 lbs.
Per dozen	$3.09	4.50	4.93	6.31	6.84

ONE DOZEN IN A BOX.

Crow, Black Chinese Bristles, Chisel Point, Nickel Plated Ferrule, Beaver Tail Handle.

No. 270—Sizes	1/0	2/0	3/0	4/0	5/0	6/0
Length bristles	2 3/8	2 5/8	2 3/4	3	3 1/4	3 1/2 in.
W't per doz.	2 1/2	2 3/4	3	3 1/2	3 3/4	4 1/4 lbs.
Per dozen	$3.60	4.14	4.59	5.26	7.09	9.00

HALF DOZEN IN A BOX.



Gem, White French Bristles, Chisel Point, Nickel Plated Ferrule, Beaver Tail Handle.

No. 280—Sizes	1/0	2/0	3/0	4/0	5/0	6/0
Length bristles	2 1/2	2 5/8	2 3/4	2 7/8	3	3 1/4 in.
W't per doz	2 1/2	2 1/2	3 1/2	3 3/4	4	4 1/2 lbs.
Per dozen	$5.52	6.79	7.80	8.64	10.35	11.70

HALF DOZEN IN A BOX.

Extra Extra Black Gloss, Selected Black Chinese Bristles, Very Full Solid Center, Extra Long, Chisel Point, Compressed Nickel Plated Ferrule, Beaver Tail Handle.

No. 300—Sizes	8/0	10/0	12/0
Length bristles	3 3/4	4	4 1/4 in.
W't per doz.	5 1/4	6 1/4	7 1/4 lbs.
Per dozen	$10.59	14.11	18.97

HALF DOZEN IN A BOX.

SASH TOOLS.

All White Bristle, Wire Bound.

No. 390—Sizes	1	2	3	4
Diameter	3/8	1/2	9/16	5/8 in.
Length bristles	1 1/2	1 1/2	1 1/2	1 5/8 in.
W't per doz.	1/2	1/2	1/2	3/4 lb.
Per dozen	$0.40	.45	.52	.63
No. 390—Sizes	5	6	7	8
Diameter	11/16	3/4	13/16	7/8 in.
Length bristles	1 5/8	1 3/4	2	2 in.
W't per doz.	1	1	1 1/4	1 1/4 lbs.
Per dozen	$0.72	.75	.85	.97

ONE DOZEN IN A BOX.

Extra Extra, Selected French White Bristles, Wire Bound.

No. 400—Sizes	1	2	3	4
Diameter	3/8	1/2	9/16	5/8 in.
Length bristles	1 1/2	1 5/8	1 3/4	1 13/16 in.
W't per doz.	1/2	1/2	3/4	3/4 lb.
Per dozen	$0.52	.57	.60	.75
No. 400—Sizes	5	6	7	8
Diameter	11/16	3/4	13/16	7/8 in.
Length bristles	1 7/8	2	2 1/16	2 1/8 in.
W't per doz.	1	1 1/4	1 1/4	1 1/2 lbs.
Per dozen	$0.90	1.30	1.50	1.57

ONE DOZEN IN A BOX.

Perfection Round, Black Chinese Bristles, Chisel Point, Nickel Plated Compressed Ferrule, White Wood Handle.

No. 410—Sizes	4	6	8	10
Diameter	3/4	7/8	1	1 1/8 in.
Length bristles	1 3/4	1 7/8	2 1/8	2 1/4 in.
W't per doz.	1 3/4	1 1/4	1 1/2	1 3/4 lb.
Per dozen	$1.35	1.80	2.25	2.62

ONE DOZEN IN A BOX.

Perfection Oval, Black Chinese Bristles, Chisel Point, Nickel Plated Ferrule, Polished Cedar Handle.

No. 420—Sizes	1	2	3	4
Diameter	7/16	1/2	9/16	11/16 in.
Length bristles	1 7/16	1 9/16	1 5/8	1 3/4 in.
W't per doz.	1/2	1/2	3/4	1 lb.
Per dozen	$0.82	.90	1.20	1.27
No. 420—Sizes	5	6	7	8
Diameter	3/4	13/16	7/8	15/16 in.
Length bristles	1 7/8	1 15/16	2	2 1/8 in.
W't per doz.	1 1/4	1 1/4	1 1/2	1 3/4 lbs.
Per dozen	$1.65	1.72	1.87	2.10

ONE DOZEN IN A BOX.

Black Trim Flat, Select Black Chinese Bristles, Tin Ferrule, Extra Long Polished Handle.

No. 415—Width	1	1 1/2	2
Length bristles	1 3/4	1 7/8	2 1/8 in.
W't per doz.	1	1 1/2	2 lbs.
Per dozen	$1.35	2.32	3.07

ONE DOZEN IN A BOX.

Boiled White French Bristles, Double Thick, Tin Ferrule, Long Handle, Cement Set.

No. 405—Width	1	1 1/2	2
Length bristles	1 5/8	1 7/8	2 3/8 in.
W't per doz.	1	1 1/2	2 1/4 lbs.
Per dozen	$1.27	2.17	3.22

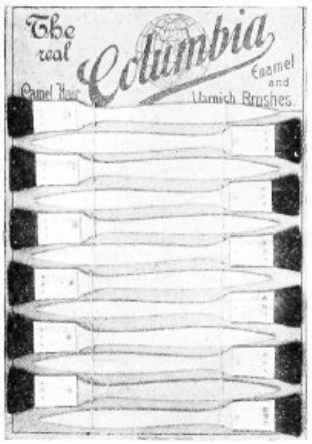
ONE DOZEN IN A BOX.

LENGTHS GIVEN ON ROUND AND OVAL BRUSHES MEAN APPROXIMATE LENGTH OF BRISTLES CLEAR OF FERRULES.

BRUSHES.

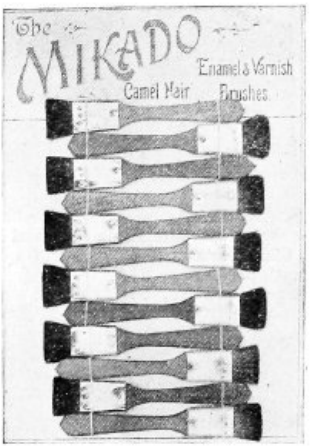
ENAMEL AND VARNISH.

No. 4247.



No. 1849.

No. 4564.



No. 4180.

No. 4247—COLUMBIA, assorted sizes, one 1½ in., three ⅜ in., two ⅝ in., two ¾ in., two ⅞ in., two 1 in. camel hair, tin bound, round green handle, one dozen on a card, w't per card 4¾ oz. ..... per dozen cards $10.72

No. 1849—COLUMBIA, 1 in., length of bristles ⅞ in., camel hair, tin bound, flat handle, one dozen on a card, w't per card 5¾ oz. " " 11.70

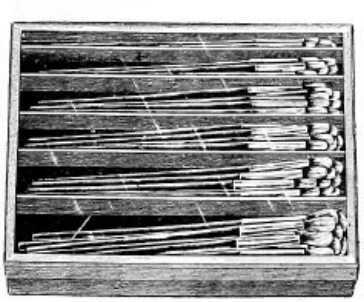
No. 4564—IMPERIAL, ½ in., length of bristles 1 in., camel hair, nickel plated ferrule, round green handle, one dozen on a card, w't per card 4¼ oz., per dozen cards 12.00

No. 4180—MIKADO, 1 in., length of bristles ⅞ in., camel hair, tin bound, flat cedar handle, one dozen on a card, w't per card 6⅛ oz., per dozen cards..... 18.00

ARTISTS'.

No. 455—Superior camel hair, mounted two dozen on a card, w't per card ¼ lb., per gross..... $5.25

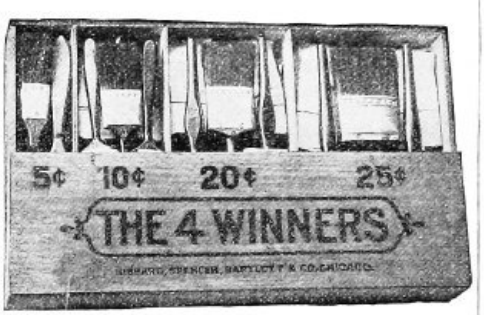
We cannot break cards.



No. 458—Camel hair, one gross assorted sizes in a glass top box, w't per gro. ¾ lb ..... per gross $4.35

We cannot break boxes.

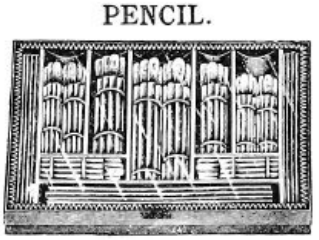
VARNISH.



No. 12—Assortment consisting of 12 each, 1 in., 1½ in., 2 in. and 2½ in. wide, w't 6¼ lbs. ..... per assortment $6.52

An attractive counter display. Consists of four dozen popular selling **Varnish Brushes**, in a neat, durable, wooden box, on which the selling price of each brush is plainly printed.

PENCIL.



No. 453—Camel hair, one gross assorted sizes from three to eight in a glass top box, w't per gro. ¾ lb. ..... per gross $2.02

No orders will be accepted for less than one gross.

SIGN WRITERS'.

Siberian Ox Hair, Flat, Nickel Plated Ferrule. Polished Handle, Chisel Edge.

No. 430—Inches ..	¼	½	¾	1
Length hair.....	¾	⅞	1	1⅛ in.
W't per doz.....	2½	5	7	9 oz.
Per dozen $3.00		4.27	5.75	9.02

ONE DOZEN IN A BOX.

MARKING.

Bristle, Tin Bound, Long Round Cedar Handle.

No. 440—Sizes	1	2	3	4
Length bristle....	½	⅝	¾	⅞ in.
Per gross.....$3.00		3.15	3.67	3.75

No. 440—Sizes	5	6	Asst'd
Length bristles	1	1⅛ in.	
Per gross.....$4.35		4.42	3.45

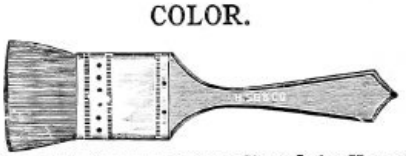
ONE GROSS IN A BOX; W'T PER GROSS 2 LBS.

Camel Hair, Dome Pointed, Tin Bound, Polished Handle.

No. 450–Sizes	1	2	3	4	Asst'd
Length hair..	¾	⅞	1	1⅛	in.
Per gross....$7.65		8.94	10.20	12.34	9.78

ONE GROSS IN A BOX; W'T PER GROSS 2 LBS.

COLOR.

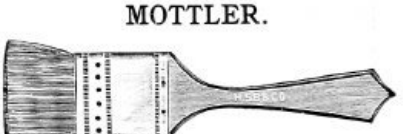


Camel Hair, Lacquered Band, Short Cedar Handle.

No. 460–In.	1	1½	2	2½	3
Length hair	1	1¼	1¼	1⅜	1½ in.
Per dozen..$2.25		3.60	4.99	7.99	9.60

ONE DOZEN IN A BOX.

MOTTLER.



Camel Hair, Full Width, Tin Band, Short Cedar Handle.

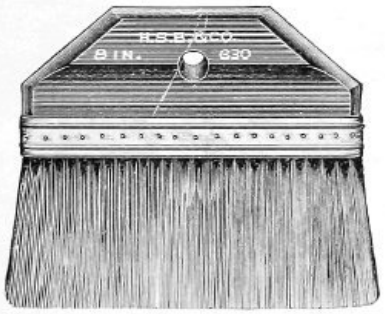
No. 465—In	1	1½	2	2½	3
Length hair	1	1⅛	1⅛	1¼	1⅜ in.
Per dozen .$1.92		2.77	3.75	5.92	7.80

ONE DOZEN IN A BOX.

WHITEWASH BRUSHES.

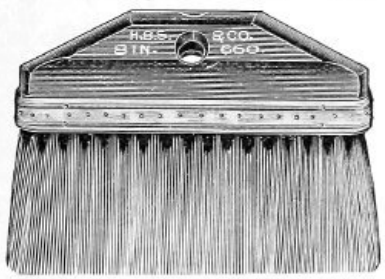
Family, White Tampico, Metal Bound.

No. 628—Inches..	6	7	8	
Length bristles...	2½	2¾	3	in.
W't per doz.....	6½	8	9	lbs.
Per dozen.....	$1.50	1.68	2.25	



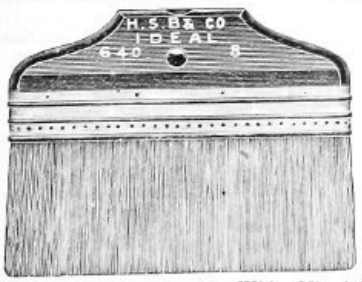
Pride, White Bristles Outside, White Mixed Center, Metal Bound, Extra Good Quality.

No. 630—Inches..	6	7	8	
Length bristles...	2½	2¾	3	in.
W't per doz.....	6	8½	9½	lbs.
Per dozen.....	$2.52	2.93	3.15	



Jet, Black Chinese Bristles Outside, Black Mixed Center, Metal Bound.

No. 660—Inches.....	6	7	
Length bristles.....	2¾	3	in.
W't per doz.....	7	8½	lbs.
Per dozen.....	$2.52	3.03	
No. 660—Inches..... 8		**9**	
Length bristles.....	3¼	3½	in.
W't per doz.....	9½	10	lbs.
Per dozen.....	$4.55	4.05	



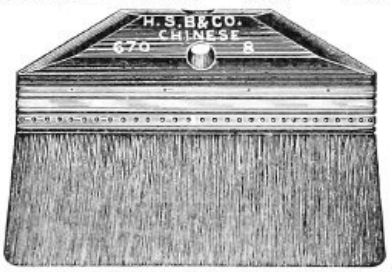
Ideal, White Bristles Outside, White Mixed Center, Nickel Plated Ferrule, Imitation Rosewood Block.

No. 640—Inches..	6	7	8	
Length bristles...	2¾	3	3¼	in.
W't per doz.....	6½	8	9½	lbs.
Per dozen.....	$3.90	6.60	7.50	

HALF DOZEN IN A BOX.

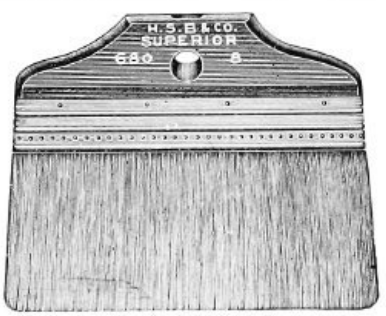
All White Bristles, Metal Bound.

No. 650—Inches..	6	7	8	
Length bristles...	2½	2½	2¾	in.
W't per doz.....	6½	8	9½	lbs.
Per dozen.....	$4.50	6.00	7.50	



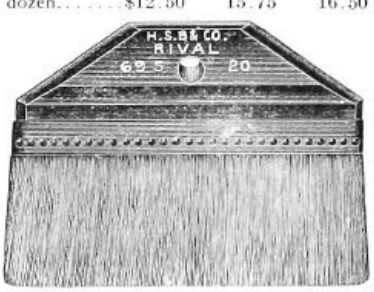
Black Chinese Bristles, Nickel Plated Ferrule, Imitation Rosewood Block.

No. 670—Inches..	7	8	9	
Length bristles...	2½	2¾	3	in.
W't per doz.....	7	8	9½	lbs.
Per dozen.....	$5.85	7.87	9.75	



Superior, All White Bristles, Nickel Plated Band, Imitation Rosewood Block.

No. 680—Inches.	7	8	9	
Length bristles...	3⅜	3⅝	3⅞	in.
W't per doz.....	8	9½	10¼	lbs.
Per dozen.....	$12.50	15.75	16.50	



Rival, All White Bristles, Leather Bound, Red Varnished Block.

No. 695—Sizes.....	10	20	
Width.....	7½	8	in.
Length bristles.....	3¾	4	in.
W't per doz.....	9¼	10¼	lbs.
Per dozen.....	$11.75	14.75	
No. 695—Sizes..... 30		**40**	
Width.....	8½	9	in.
Length bristles.....	4¼	4½	in.
W't per doz.....	10¾	11¾	lbs.
Per dozen.....	$17.70	20.67	

HALF DOZEN IN A BOX.

Rex, All White Bristles, Brass Ferrule, Hardwood Varnished Block.

No. 685—Sizes.....	81	90	
Width.....	8	8½	in.
Length bristles.....	4	4¼	in.
W't per doz.....	12	13	lbs.
Per dozen.....	$24.75	26.10	

This brush is especially designed for masons and plasterers.

HALF DOZEN IN A BOX.

Regal, Yellow Russian Bristles, Brass Bound.

No. 698—Sizes.....	20	40	
Width.....	8	9	in.
Length of bristles.....	4¼	4¾	in.
W't per doz.....	17	19	lbs.
Per dozen.....	$26.70	38.85	

HALF DOZEN IN A BOX.

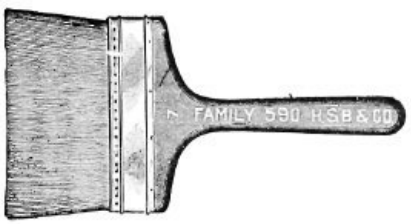
Super Extra Extra, All White Selected Russian Bristles, Leather Bound, Very Long and Heavy, Our Best Brush.

No. 690—Sizes...	18	20	22	
Width.....	9	9	9	in.
Length bristles..	5	5½	6	in.
W't per doz.....	13½	16	17	lbs.
Per dozen.....	$45.00	64.12	82.50	

HALF DOZEN IN A BOX.

BRUSHES.

CALCIMINE.



Family, White Bristles Outside, Gray Mixed Center, Imitation Brass Bound, Varnished Handle.

No. 590—Inches..	6	7	8
Length stock.....	3	3¼	3¼ in.
W't per doz.....	10½	12½	14 lbs.
Per dozen.....	$5.40	6.75	7.50

HALF DOZEN IN A BOX.

Banner, White Bristles Outside, White Mixed Center, Imitation Brass Bound, Varnished Handle.

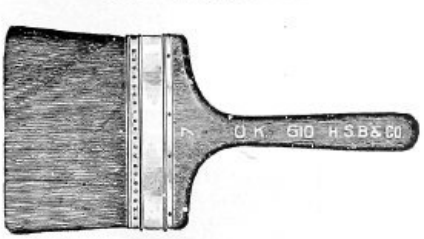
No. 595—Inches..	6	7	8
Length bristles...	3¼	3½	3¾ in.
W't per doz.....	11	12½	14 lbs.
Per dozen.....	$6.75	7.87	9.00

HALF DOZEN IN A BOX.

Standard, All White Bristles, Imitation Brass Bound, Varnished Handle.

No. 600—Inches.	6	7	8
Length bristles..	3¼	3½	3¾ in.
W't per doz.....	10	12½	14¼ lbs.
Per dozen.....	$12.30	13.80	18.75

HALF DOZEN IN A BOX.

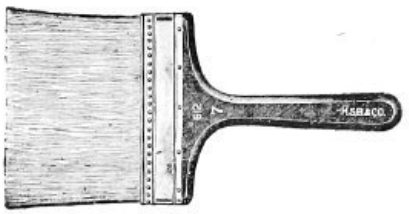


O. K., All White Bristles, Imitation Brass Bound, Varnished Handle.

No. 610—Inches.	6	7	8
Length bristles..	4	4¼	4½ in.
W't per doz.....	12	14	16 lbs.
Per dozen.....	$16.33	25.05	33.00

HALF DOZEN IN A BOX.

CALCIMINE.



Regal Yellow Russian Bristles, Brass Bound, Varnished Handle.

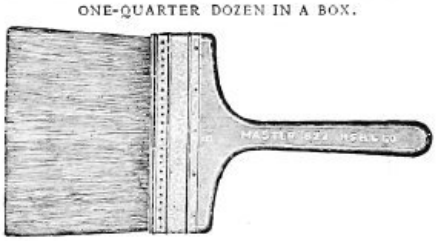
No. 612—Inches....	7	8
Length bristles.....	5¼	5½ in.
W't per doz.....	14½	17½ lbs.
Per dozen.....	$36.00	48.90

ONE-QUARTER DOZEN IN A BOX.

Super, Best White Russian Bristles, Brass Bound, Sole Leather Center, Nailed on Both Sides and Ends, Finest Quality.

No. 620—Inches....	7	8
Length bristles.....	5½	5¾ in.
W't per doz.....	15½	18 lbs.
Per dozen.....	$51.37	63.67

ONE-QUARTER DOZEN IN A BOX.



Master, Best Yellow Okatka Bristles, Very Full and Heavy, Galvanized Iron Bound, Plain Hardwood Handle.

No. 622—Inches.....	7	8 in.
Length bristles.....	5¾	5¾ in.
W't per doz.....	16	18½ lbs.
Per dozen.....	$59.49	70.03

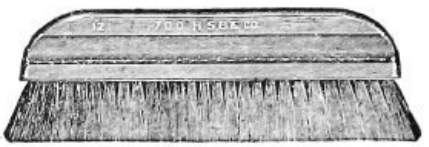
ONE-QUARTER DOZEN IN A BOX.

No. 623—GERMAN, 8×2½ in., improved wall stippler block, with handle, 3⅞ in. gray Russian bristles, w't per doz. 18 lbs..... per dozen $32.91

No. 624—GERMAN, 7½×3 in., improved wall stippler block, with handle, 4½ in. gray Russian bristles, wt. per doz. 16 lbs..... per dozen 50.62

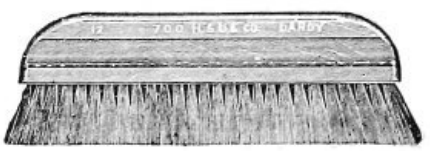
ONE IN A BOX.

PAPER HANGERS' SMOOTHING.



No. 701—10×1¾ in., family, white tampico, stained yellow block, a good brush for home use, w't per doz. 5 lbs., per dozen..... $2.77

HALF DOZEN IN A BOX.



Dandy, All White Bristles, Stained Red Block.

No. 702—10×2 in., w't per doz. 5 lbs., per dozen..... $6.65

No. 703—12×2 in., w't per doz. 6 lbs., per dozen..... 9.00

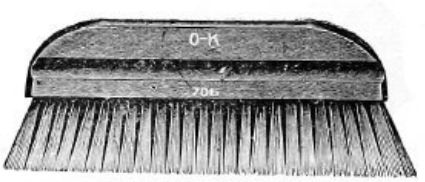
HALF DOZEN IN A BOX.

Favorite, Best Gray Russian Bristles Stained Yellow Block with Red Stripe.

No. 704—10×2⅛ in., w't per doz. 5 lbs., per dozen..... $10.72

No. 705—12×2⅛ in., w't per doz. 6 lbs., per dozen..... 12.90

HALF DOZEN IN A BOX.

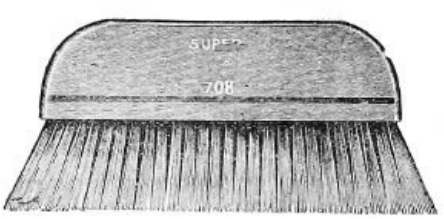


O. K., All White Russian Bristles, Stained Yellow Handle with Red Stripe.

No. 706—10×2⅛ in., w't per doz. 5 lbs., per dozen..... $12.37

No. 707—12×2⅛ in., w't per doz. 6 lbs., per dozen..... 13.62

HALF DOZEN IN A BOX.



Super, Best Quality Yellow Okatka Bristles, Plain Varnished Block, a High Grade Mechanic's Tool.

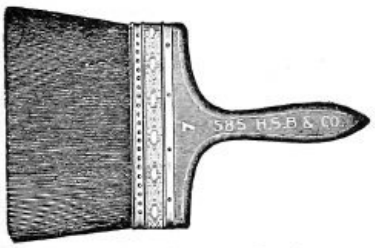
No. 708—10×2½ in., w't per doz. 5 lbs., per dozen..... $18.00

No. 709—12×2½ in., w't per doz. 6 lbs., per dozen..... 22.50

HALF DOZEN IN A BOX.

BRUSHES.

PAPER HANGERS' PASTE.

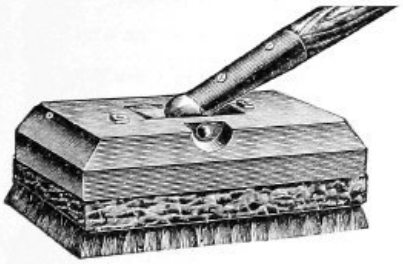


No. 585—7 in. wide, 4 in. gray Russian bristles, set in waterproof cement, galvanized iron band, extra well riveted, two-piece varnished handle, w't per doz. 12 lbs.....per dozen $23.40
HALF DOZEN IN A BOX.

PLASTERERS' SKIMMING.

No. 625—8 in. wide, 5 in. long unbleached Okatka bristles, three row, leather bound, red varnished handle, w't per doz. 14 lbs.....per dozen $43.20
HALF DOZEN IN A BOX.

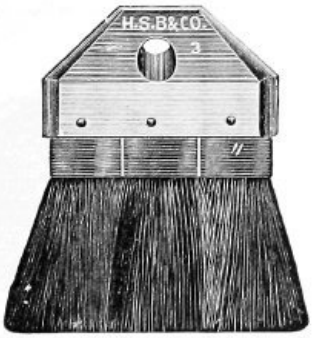
WAX FLOOR.



For Waxing Floors, Long Handle.

No. 750—FAMILY, w't 15 lbs..per dozen $24.36
No. 751—STANDARD, w't 25 lbs. " 30.00

ROOFING.



No. 723—3 knot, 3 in. mixed bristles, 6 in. plain block, w't per doz. 14 lbs., per dozen..... $10.65
No. 724—4 knot, 3 in. mixed bristles, 7½ in. plain block, w't per doz. 18 lbs., per dozen..... 14.02
HALF DOZEN IN A BOX.

STENCIL.

All White Bristles, Tin Bound.

No. 730—Sizes.....	4	6
Diameter.....	⅞	1⅛ in.
Length bristles.....	1¼	1½ in.
W't per doz.....	1¼	2 lbs.
Per dozen.....	$1.87	2.55

No. 730—Sizes.....	8	10
Diameter.....	1¼	1½ in.
Length bristles.....	1⅝	1¾ in.
W't per doz.....	2½	3¾ lbs.
Per dozen.....	$3.30	4.60

ONE DOZEN IN A BOX.

GLUE.

Extra Round, All Bristles, Brass Ferrule, Iron Handle.

No. 760—Sizes.....	2	4
Diameter.....	¾	1 in.
Length bristles.....	2	2¼ in.
W't per doz.....	1	1¾ lbs.
Per dozen.....	$3.49	5.25

No. 760—Sizes.....	6
Diameter.....	1¼ in.
Length bristles.....	2½ in.
W't per doz.....	2½ lbs.
Per dozen.....	$7.44

ONE DOZEN IN A BOX.

No. 765—Black Chinese bristles, nickel plated ferrule, red polished beaver tail handle, width 2 in., length 2¼ in., w't per doz. 3¼ lbs.....per dozen $5.25
The holding parts being all metal, the cement is not relied upon alone, and it is only the flat glue brush that can be depended upon under all circumstances.

STEEL.

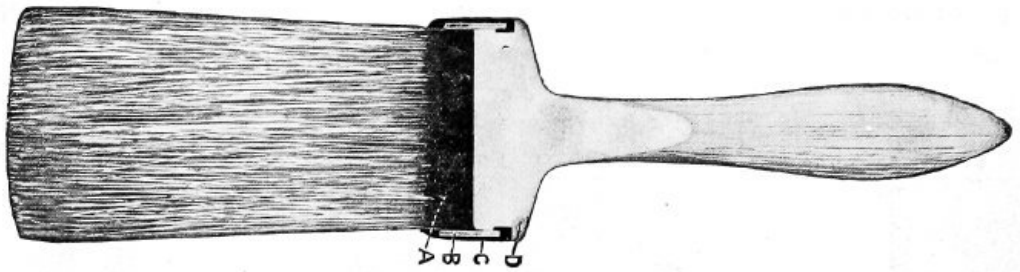
No. 109—Painters' long handle scratch, 14½ in. block, three 6 in. rows of 1¼ in. fine wire bristles, w't per doz. 4 lbs., per dozen..... $3.30

No. 177—Painters' curved back scrub, 8×2¾ in. block, 6 rows of 1 in. fine wire bristles, w't per doz. 6 lbs., per dozen..... $6.22
This brush is made for the same purpose as No. 111, but on account of its curved back and short bristles, can be used for much harder work It does away entirely with the use of sand paper and is a very popular article.

No. 111—Painters' round wire scrub, 7×2½ in. block, 6 rows of 2 in. fine wire bristles, w't per doz. 6 lbs...per dozen $5.10

No. 105—Casting foundry brush, 7¾×2½ in. solid back, 5 rows of 4 in. heavy flat steel bristles, w't per doz. 12 lbs., per dozen..... $3.60

"RUBBERSET" PAINT BRUSHES.



Construction of Rubberset Brushes.

The bristles are solidly embedded in soft rubber (see A) bound with strong metal band (B) covered with ferrule (C) the handle is dovetailed into the head (D)

The portion of the brush covered with rubber and metal is placed in a die and vulcanized or hardened under heat and pressure.

The result is a solid vulcanized head in which the bristles are so thoroughly anchored that we guarantee this strong, compact body to retain the bristles until the brush wears out.

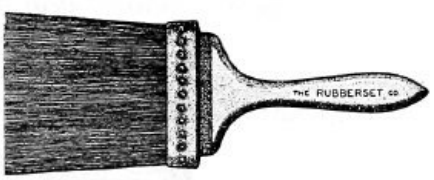
The temperature necessary for vulcanizing the rubber in no way injures the most delicate hair or bristles.

For many years the consumers of paint, varnish, kalsomine and artists' brushes have been looking for tools that would not dry out and become loose in the cement setting, brushes that could be used in turpentine, benzine, alcohol or water without dissolving the cement and causing the bristles to come out.

This ideal brush is now perfected in the "Rubberset" in either rubber, metal or leather binding and is offered to the trade with the knowledge and confidence that they will prove to be the most serviceable, economical and satisfactory brushes ever offered.

The bristles in these brushes cannot come out under any circumstances, that is guaranteed and the name "Rubberset" is on every brush for your protection. Do not burn bristles by putting them in hot lime or acid. These brushes require no swelling before using.

STUCCO WALL.

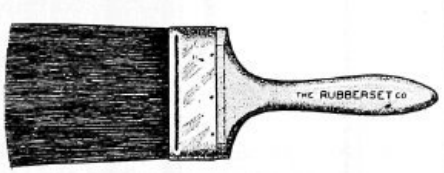


Extra, Selected White Russian Bristles, Leather Bound.

No. 1005/Sizes	25	30	35	40	
Width	3	3½	4	4½	in.
Length of bristles	4	4¼	4½	4½	in.
W't per doz.	4¾	5¾	6¾	7	lbs.
Per dozen	$15.00	20.50	27.28	32.00	

"Koko," Selected Chinese Bristles, Leather Bound.

No. 1015/Sizes	25	30	35	40	
Width	3	3½	4	4½	in.
Length of bristles	4	4½	4½	4½	in.
W't per doz.	5	6	7	8	lbs.
Per dozen	$16.00	19.00	23.46	27.12	



"Koko," Best Selected Chinese Bristles, Long and Heavy, Nickel Bands.

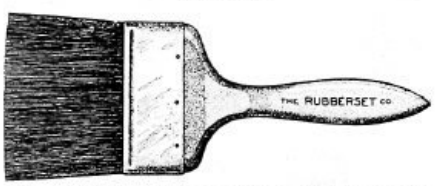
No. 1025—Width	3½	4	4½	in.
Length of bristles	4½	4½	4½	in.
W't per doz.	6¼	7¼	8¼	lbs.
Per dozen	$18.20	21.80	25.20	

"Nogi," Best Selected Chinese Bristles.

No. 1030/Width	3	3½	4	4½	in.
Length of bristles	3¾	4	4¼	4¼	in.
W't per doz.	5¾	6	7	7¾	lbs.
Per dozen	$9.72	13.60	18.12	21.32	

HALF DOZEN IN A BOX.

WALL.

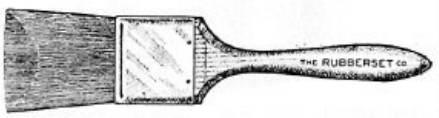


"Kuroki," Select Chinese Bristles Nickel Bound.

No. 1035—Width	3	3½	4	in.
Length of bristles	2¾	3	3¼	in.
W't per doz.	3½	4½	5½	lbs.
Per dozen	$5.22	6.46	8.40	

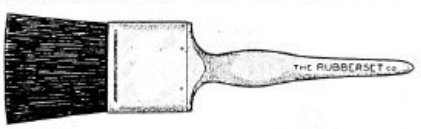
No. 1035—Width	4½	5	in.
Length of bristles	3½	3½	in.
W't per doz.	6½	7½	lbs.
Per dozen	$11.00	13.64	

FLAT VARNISH.



'Sussex," Flowing, Chiseled, Select, Beau-Blanc Bristles, Pointed Yellow Handles.

No. 1055—Width	1	1½	2	2½	3	in.
Length of bristles	1½	1¾	2⅛	2⅜	2⅝	in.
W't per doz.	1	1¾	3	3½	4	lbs.
Per dozen	$3.12	3.94	6.00	8.60	11.00	



"Koko," Flowing, Chiseled Selected Chinese Bristles, Extra Thick, Nickel Bound, Long and Full, Very Elastic.

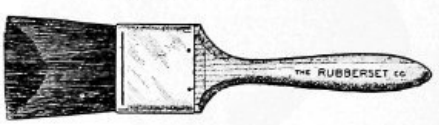
No. 1065—Width	1	1½	2	2½	3	in.
Length of bristles	1⅝	1⅞	2⅛	2⅜	2⅝	in.
W't per doz.	1	1¾	3	3½	4	lbs.
Per dozen	$2.04	3.00	4.00	5.40	7.00	

"Koko," Flowing, Chiseled Selected Chinese Bristles, Extra Extra Extra Thick, Nickel Bound, Long and Full, Very Elastic.

No. 1070—Width	1	1½	2	2½	3	in.
Length of bristles	2	2¼	2½	2¾	3	in.
W't per doz.	1	1¾	3	3¼	4	lbs.
Per dozen	$3.00	4.50	6.24	8.48	12.60	

HALF DOZEN IN A BOX.

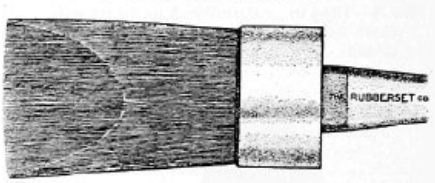
FLAT VARNISH.



"Kuroki," Flowing, Chisel Selected Chinese Bristles, Long and Heavy, Nickel Bound, Oval Handles.

No. 1060—Width	1	1½	2	2½	3	in.
Length of bristles	2⅝	2¾	3	3⅜	3⅝	in.
W't per doz.	1	1¾	3	3½	4	lbs.
Per dozen	$3.48	5.00	7.00	9.60	13.00	

OVAL VARNISH.



"Peko," Oval, Selected Chinese Bristles, Chisel Point, Beaver Tail Handles, Nickel Plated Seamless Ferrules.

No. 1100—Sizes	2/0	5/0	6/0	
Length of bristles	2⅜	3	3¼	in.
W't per doz.	2¾	3½	4½	lbs.
Per dozen	$6.70	9.76	10.86	

No. 1100—Sizes	8/0	8	10	
Length of bristles	3¾	4¼	4½	in.
W't per doz.	5½	6¾	7½	lbs.
Per dozen	$14.74	24.90	27.80	

KALSOMINE.

"O. K." Selected Yellow Okatka Bristles, Plain Handles, Galvanized Iron Bands.

No. 1200—Width	7	8	in.
Length of Bristles	5½	5¾	in.
W't per doz.	16	17	lbs.
Per dozen	$68.00	82.24	

LENGTH OF BRISTLES IS MEASURED OUTSIDE OF BINDINGS.

PAINTERS' TINWARE, OIL AND GASOLINE TANKS.

PAINT BUCKETS OR POTS.

No. 1—4 qt., light IC tin, w't per doz. 9 lbs.....per dozen $3.50
No. 2—4 qt., heavy IX tin, w't per doz. 12 lbs.....per dozen 4.00

CALCIMINE AND PAINT STRAINERS.

No. 1—11 in., paint, 5½ in. perforated tin bottom, w't per doz. 10 lbs..per dozen $5.00
No. 2—11 in., paint, 5½ in. brass wire cloth bottom, w't per doz. 10 lbs..per dozen 5.50
No. 3—13½ in., calcimine, 8 in. perforated tin bottom, w't per doz. 16 lbs., per dozen..... 6.00
No. 4—13½ in., calcimine, 8 in. brass wire cloth bottom, w't per doz. 18 lbs., per dozen..... 7.50

SHELLAC OR VARNISH POTS.

Steeple Cover, with Hook to Suspend Brush.
No. 0—1 pt., w't per doz. 7 lbs..per dozen $3.50
No. 1—1 qt., w't per doz. 8 lbs.. " 4.00
No. 2—2 qt., w't per doz. 11 lbs. " 4.50

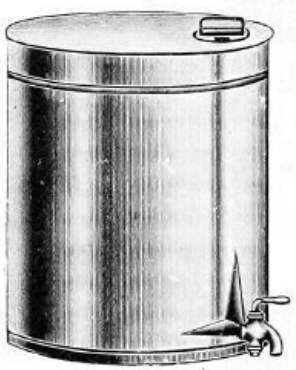
VARNISH CUPS.

No. 3—1 pt., w't per doz. 3 lbs..per dozen $1.50
No. 4—1 qt., w't per doz. 5½ lbs.. " 2.50

GASOLINE TANKS.

Galvanized Iron, Perfectly Air Tight, Ground Brass Faucet.

Nos	90	91	92	
Capacity	10	30	60	gal.
Diameter	15	21	26	in.
Height	15	24	30	in.
Weight	20½	29½	44	lbs.
Each	$5.00	7.00	9.00	



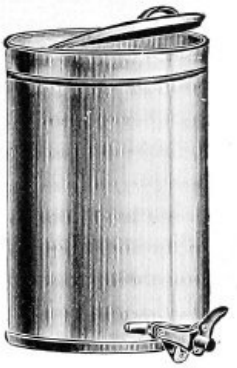
Galvanized Iron, Wood Bottom, Perfectly Air Tight, Ground Brass Faucet.

Nos	70	71	72	
Capacity	30	60	110	gal.
Diameter	22	25	30	in.
Height	24	28	36	in.
Weight	34	52	67	lbs.
Each	$7.00	8.00	12.00	

OIL TANKS.

No. 600—60 gal., galvanized iron, with pump, ornamented, w't 46 lbs., each..... $9.00

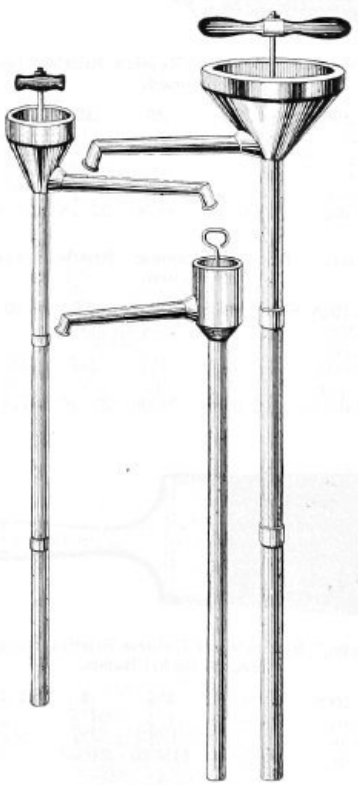
OIL TANKS.



High Form, Hinged Cover, 1¼ Inch Perfection Gate, for Heavy Oils and Varnishes.

Nos	80	81	82	
Capacity	30	60	110	gal.
Diameter	22	24	30	in.
Height	25	28	36	in.
Weight	40	52	70	lbs
Each	$9.50	11.00	15.00	

TRANSFER PUMPS.



No. 10. No. 5. No. 15.

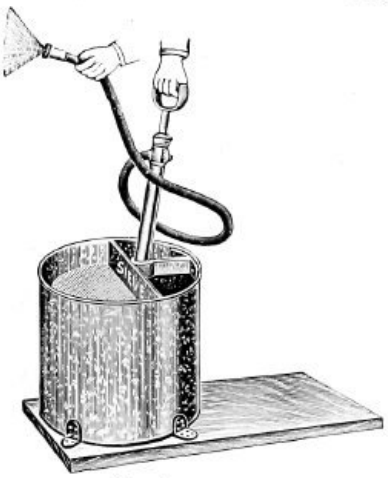
Heavy IX Tin, Brass Valves.

Nos	5	10	15
Sizes	1¼×32	1½×54	1½×78 in
Weight	7	8	18 lbs.
Each	$1.20	3.00	3.50

Nos. 10 and 15 are reinforced at joints.
ONE IN A CRATE.

SPRAYING MACHINES.

FOR WHITEWASH AND COLD WATER PAINTS.



No. L.

No. H.

No. J.

No. K.

No. L—"Misto," Capacity equal to work of 3 or 4 men with brushes in same time, 5 gallon heavy galvanized iron tank, galvanized sieve, double action brass pump, 4 ft. of ⅜ in. discharge hose with spray nozzle, net w't crated 10 lbs., - - - each $10.00

Guaranteed to handle properly mixed whitewash, cold water paint, Bordeaux mixture and liquids used for tree and shrub sprays.

No. H—Capacity equal to work of 5 men with brushes in same time, galvanized iron tank capacity 3 gallons liquid, one spray cock and nozzle and 10 ft. ⅜ in. "STAR," special discharge hose, net w't 15 lbs., w't crated 20 lbs., - - - - - each $14.00

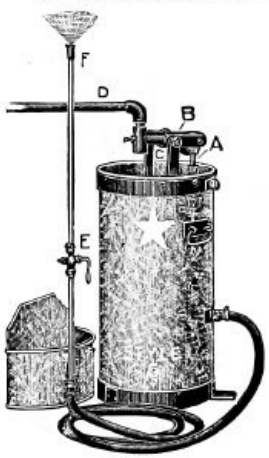
This machine is made of heavy material and all joints are well riveted and soldered. It is adapted for residences, barns, dairies, poultry yards, gardens, etc., and can be used for many other uses. They have bail handles and are very portable.

No. J.—Capacity equal to work of 5 men with brushes in same time, one spray pipe complete with cock and nozzle, one follower wrench and 10 ft. ⅜ in. "STAR" special discharge hose, machine complete as shown in illustration except pail, net w't 30 lbs., w't crated 40 lbs., - - - - - - - - - - - - - - - - - - - each 17.80

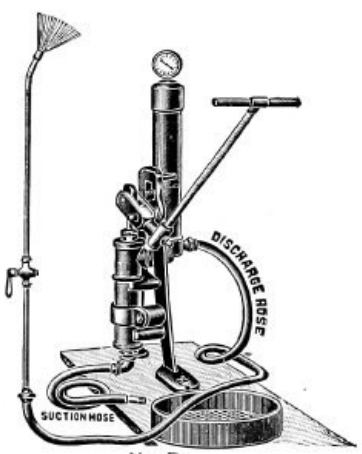
One man can operate this machine and from 70 to 80 pounds pressure can be be easily carried. This machine is adapted for use around dairies, poultry yards, residences, etc.

No. K—Capacity equal to work of 5 men with brushes in same time, galvanized iron tank capacity 8 gallons, one spray pipe complete with cock and nozzle, one follower wrench and 10 ft. ½ in. "STAR" special discharge hose, net w't 30 lbs., w't crated 40 lbs., - - - - - - - - - - - - - - - - - - - each 24.00

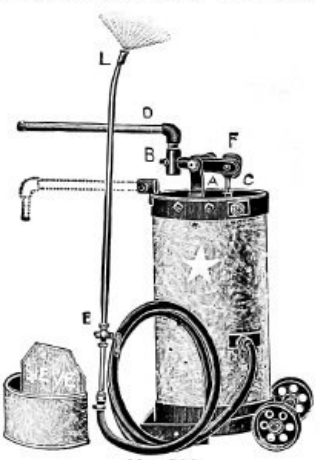
One man can operate this machine and from 100 to 125 pounds pressure can be easily carried. This machine is adapted for use around orchards and many other places.



No. G.



No. D.



No. GM.

No. G—Capacity equal to work of 8 men with brushes in same time, galvanized steel tank capacity 12 gallons, base lugs for mounting and side handles for carrying, agitator, spray pipe complete with cock and nozzle, one extra spray tip, one special galvanized sieve, one follower wrench, and 10 ft. ½ in. "STAR" special discharge hose, net w't 50 lbs., w't crated 75 lbs., - - - each 36.00

This machine is well adapted for and gives excellent satisfaction among moderate sized industries of all classes. This machine is provided with pumping lever which can be inserted in rocker arm, permitting its use in either horizontal or vertical position. No pressure gauge is furnished with this machine but provision is made for attaching same.

No. D—Capacity equal to work of 8 men with brushes in same time, one spray pipe complete with cock and nozzle, one extra spray tip, one 200-pound pressure gauge, one special galvanized sieve, one follower wrench, one suction hose and 10 ft. ½ in. "STAR" special discharge hose, net w't 50 lbs., w't crated 90 lbs., - - - - - - - - - - each 37.50

This machine is the same as No. C only that it is smaller and has a few modifications. It is especially adapted for nurserymen, gardeners, etc. In country towns or on farms in addition it affords means of testing traction engine boilers, steam gauges, etc.

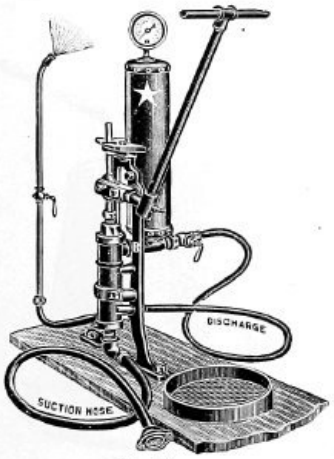
No. GM—Capacity equal to work of 8 men with brushes in same time, mounted on strong two wheeled truck, galvanized steel tank capacity 12 gallons, agitator, spray pipe complete with cock and nozzle, one extra spray tip, one follower wrench, and 10 ft. ½ in. "STAR" special discharge hose, net w't 70 lbs., w't crated 90 lbs., - - - - - - - - - each 38.40

This machine is identically the same as No. G in size, construction and material except it is mounted on a strong two wheeled truck enabling its being conveyed from place to place while filled with materials.

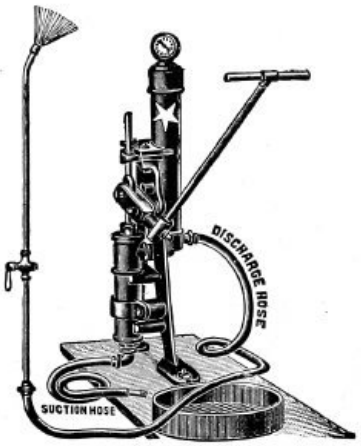
These machines are guaranteed to successfully handle and give satisfactory service with properly-prepared white wash, any of the cold water, mineral or graphite paints offered on the market, or any that can be formed into a fine spray or mist. They are not recommended for use with heavy oil paints, that is those whose base is white or red lead mixed with heavy linseed oil. These ingredients, being of a sticky, gummy nature, clog up and prevent spray working satisfactorily. This is also true of all spray nozzles with which we are familiar, and this means all of them.

SPRAYING MACHINES.

FOR WHITEWASH AND COLD WATER PAINTS.



No. B.



No. C.

No. I.

No. B—Capacity equal to work of 20 men with brushes in same time, one spray pipe complete with cock and nozzle, one extra spray tip, one 200-pound pressure gauge, one special galvanized sieve, one follower wrench, one suction hose and 20 ft. ½ in. "STAR" special discharge hose, net w't. 70 lbs. w't. crated 130 lbs., - - - - - - - - - - each $53.50

This machine is built on the same lines and of the same construction as No. A except that it has a trifle smaller pump cylinder and lighter frame. It is adapted for same classes of work as No. A.

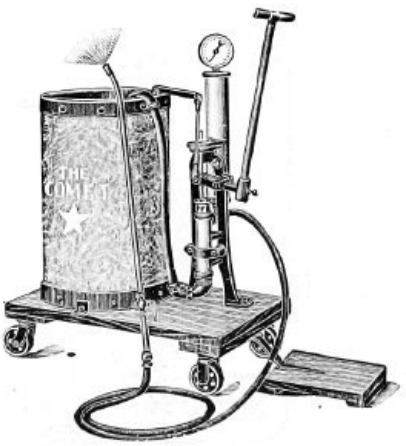
No. C—Capacity equal to work of 12 men with brushes in same time, one spray pipe complete with cock and nozzle, one extra spray tip, one 200-pound pressure gauge, one special galvanized sieve, one follower wrench, one suction hose, and 10 ft. ½ in "STAR" special discharge hose, net w't 60 lbs. w't crated 110 lbs., - - - - - - - - - - - each 45.00

This machine is adapted for use around laundries, creameries, small factories, poultry farms, etc.

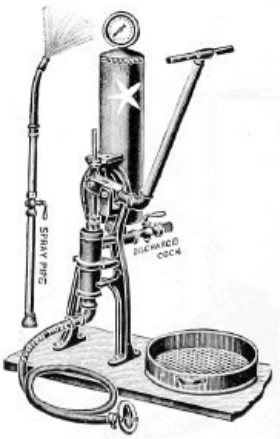
No. I—Capacity equal to work of 8 men with brushes in same time, mounted on wheel barrow frame, galvanized steel tank, capacity 12 gallons, agitator, spray pipe complete with cock and nozzle, one extra spray tip, one special galvanized sieve, one follower wrench, and 10 ft. ½ in. "STAR" special discharge hose, net w't 70 lbs., w't crated 90 lbs., - - - - - each 42.00

This machine is identically the same as No. G in size, construction and material. It is adapted for smaller classes of work such as florists, orchardists, gardeners, stables etc. and in any place requiring only a limited amount of service.

No. F.



No. E.



No. A.

No. F—Capacity equal to work of 10 men with brushes in same time, mounted on an extra heavy saddle truck, wheels 6 in. diameter 2 in. face, with 20 gallon galvanized steel tank, agitator, one spray pipe complete with cock and nozzle, one extra spray tip, one 200-pound pressure gauge, one special galvanized sieve, one follower wrench, and 10 ft. ½ in. "STAR" special discharge hose, net w't 85 lbs. w't crated 110 lbs., - - - - - - - - - - - - - - - each $48.00

This machine is smaller and more compactly built than the No. E but is constructed from same materials and along same lines. It is fitted with a specially designed pump.

No. E—Capacity equal to work of 12 men with brushes in same time, mounted on heavy trucked platform, 28 gallon tank and agitator, one spray pipe complete with cock and nozzle, one extra spray tip, one 200-pound pressure gauge, one special galvanized sieve, one follower wrench, one suction hose and 10 ft. ½ in. "STAR" special discharge hose, net w't 125 lbs. w't crated 150 lbs. each 57.50

The portability of this machine enables it being filled with materials any distance from and wheeled to work.

No. A—Capacity equal to work of 25 men with brushes in same time, one spray pipe complete with cock and nozzle, one extra spray tip, one 200-pound pressure gauge, one special galvanized sieve, one follower wrench, one suction hose and 20 ft. of ½ in. "STAR" special discharge hose, net w't 80 lbs., w't crated 140 lbs., - - - - - - - - - - - each 60.00

Especially adapted for railroads, breweries, packing houses, mills, factories, etc.

These machines are guaranteed to successfully handle and give satisfactory service with properly-prepared white wash, any of the cold water, mineral or graphite paints offered on the market, or any that can be formed into a fine spray or mist. They are not recommended for use with heavy oil paints, that is those whose base is white or red lead mixed with heavy linseed oil. These ingredients, being of a sticky gummy nature, clog up and prevent spray working satisfactorily. This is also true of all spray nozzles with which we are familiar, and this means all of them.

GASOLINE TORCHES.

No. 18.

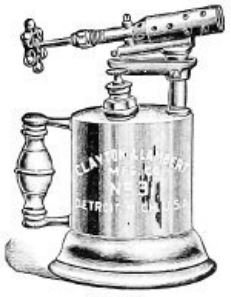
No. 18—One piece heavy brass tank, brass air pump in handle, round burner with improved double shouldered needles and wood handle regulator, brass handle, height 7½ in., diameter 3¼ in., capacity 1 pt., w't 3¾ lbs., - each $5.00

No. 29.

No. 29—One piece polished brass tank, brass air pump in handle, round burner with double shouldered needles and wood handle regulator, brass handle, height 8½ in., diameter 4 in., capacity 1 qt., w't 5 lbs., - - each $5.50

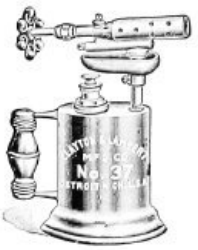
No. 16.

No. 16—One piece polished brass tank, brass air pump in handle, round burner with double shouldered needles and wood handle regulator, brass handle, height 8½ in., diameter 4 in., capacity 1 qt., w't 5 lbs., each, - - - - $6.00



No. 31.

No. 31—Heavy polished brass tank with reinforcements, heavy fittings, brass air pump which screws into tank, round burner with double shouldered needles and round nickel regulator, powerful generator, polished brass handle, height 9½ in., diameter 4 in., capacity 1 qt., w't 5¼ lbs., - - each $6.50



No. 37—Heavy seamless brass tank, fitted with brass air pump which screws into tank, round burner with double shouldered needles and round nickel regulator, polished brass handle, height 7¾ in., diameter 3¼ in., capacity 1 pt., w't 3¾ lbs., - each $5.50

No. 32—Heavy seamless polished brass tank, heavy fittings, brass air pump which screws into the tank, round burner with double shouldered needles, round nickel regulator, powerful generator, hook and support for soldering coppers, polished brass handle, height 9¾ in., diameter 4 in., capacity 1 qt., w't 5¾ lbs., each, - - - $7.00

No. 47.

No. 47—Polished brass, oblong, 1⅞×5×8 in., with special burner hinged supports, new style automatic pump, capacity 1 pt., w't per doz. 56 lbs., - - - each $6.50

No. 48—Burner fitted with hoop and support for holding soldering coppers, otherwise same as No. 47, w't per doz. 63 lbs., - - - each $7.00

ONE IN A BOX.

Nos. 47 and 48 have been very carefully constructed, the weight has been reduced to a minimum and the shape and size of the tank are the most convenient. It is supplied with hinged supports to prevent the torch from tipping over sideways when set on the ground or bench. A special burner designed with a view of making a light, yet powerful generator that will produce flame enough for all requirements, thus insuring a perfect working and very durable torch.

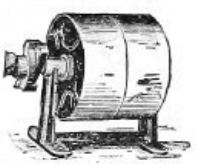
PAINT MILLS AND EXTRAS.

No. 4.

No. 3.

No. 2.

Nos. 1 and 0.



Pulleys.

No. 4 —Hand, hopper 4¾ in. high, 5 in. across top, diameter of nut 4¼ in., hopper holds 1 qt., w't 15 lbs., - - - each $ 7.25
No. 3 —Hand, hopper 5 in. high, 7 in. across top, diameter of nut 5¾ in., hopper holds ½ gal., w't 22 lbs., - - - " 8.75
No. 2 —Hand or power, hopper 6 in. high, 8 in. across top, diameter of nut 7¼ in., hopper holds 1 gal., w't 40 lbs., - " 11.00
No. 1 —Power, hopper 8 in. high, 14 in. across top, hopper holds 3 gals., w't 118 lbs., - - - - - - " 27.00
No. 1W—Water cooled, otherwise same as No. 1, - - - - - - - - - - - - " 32.25
No. 0 —MAMMOTH, with cast or sheet iron hopper, as ordered, 16 in. across top, diameter of nut 14 in., hopper holds 9 gal., w't 155 lbs., - each 43.50
No. 0W—Water cooled, otherwise same as No. 0, - - - - - - - - - - - - - " 49.50
Fly Wheels for No. 2 or 3 mills, diameter 15 in., w't 16 lbs., - - - - - - - - - - - - ' 3.90
Medium Stands and Pulleys, suitable for driving No. 2 mill, w't 40 lbs , - - - - - - - - - - " 9 75
Power Stands and Pulleys, suitable for driving Nos. 1 and 0 mills, diameter 12 in., with 5 in. face, w't 84 lbs., - - " 14.75

LADDERS.

LONG.

Length,	10	12	14	16	**18 ft.**
Weight,	25	30	35	40	45 lbs.
Per foot,	$0.20	.20	.20	.25	.25
Length,	20	24	26	28	**30 ft.**
Weight,	50	60	65	70	75 lbs.
Per foot,	$0.25	.30	.30	.30	.30

Common.

Extension.

EXTENSION.

LENGTH. FEET.	NO. OF SECTIONS.	LENGTH OF SECTIONS, FEET.	WEIGHT. POUNDS.	EACH.
20	2	8 and 12	60	$ 4.00
22	2	10 and 12	66	4.40
24	2	10 and 14	72	4.80
26	2	12 and 14	78	5.20
28	2	12 and 16	84	5.60
30	2	14 and 16	90	6.00
32	2	14 and 18	92	6.40
34	2	16 and 18	102	6.80
36	2	16 and 20	108	7.20
38	2	18 and 20	114	7.60
40	2	18 and 22	120	8.00
42	2	20 and 22	147	8.40
44	2	20 and 24	154	8.80
46	2	22 and 24	161	9.20
48	2	22 and 26	168	9.60
50	2	24 and 26	175	10.00
52	3	14, 18 and 20	185	10.40
54	3	16, 18 and 20	190	10.80
56	3	16, 18 and 22	205	11.20
58	3	16, 20 and 22	210	11.60
60	3	18, 20 and 22	215	12.00

Fifty-two feet and longer furnished in three sections only; additional charge for shorter ladders in three sections, $1.40 each.

STERLING.

With Shelf, Extra Well Braced, Iron Truss Rod Under Each Step Running from Side to Side and Over a Truss Block.

Sterling.

Length,	5	6	7	8	10	12 **ft.**
Weight,	16	18	24	28	36	43 lbs.
Each,	$2.75	3.30	3.85	4.40	5.50	6.60

This is an excellent ladder in every respect. Has wide steps, heavy sides and legs, and is well finished throughout. Has an absolute support for step, which positively holds sides as in a vise.

IXL IMPROVED.

Extra Well Braced.

Length,	5	6	7 **ft.**
Weight,	16½	19½	22 lbs.
Each,	$2.25	2.75	3.00
Length,	8	10	12 **ft.**
Weight,	24½	35	43 lbs.
Each,	$3.50	4.50	5.00

IXL Improved.

Made from selected and extra heavy stock, extra strong and very durable, malleable iron brackets and leg hinges, anchor irons under each step to prevent spreading, patent truss braces on back of steps corner irons over end of each leg brace, new spreading brace to hold the legs.

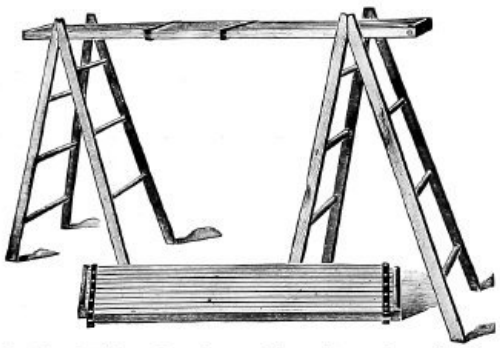
PAINTERS' TRESTLES.

Made of clear Norway pine, with hickory rungs let into sides and secured by long, heavy screws. The trestles are put together at the head with wrought iron screw bolts, making a hinge and a solid joint at the same time. A 12-ft. trestle is 12 ft. on each side; the price includes both sides.

Clear Norway Pine, Hickory Rungs.

Length,	6	7	8	10 ft.
Each,	$1.95	2.05	2.40	3.00
Length,	**12**	**14**	**16**	**18 ft.**
Each,	$3.60	4.15	4.75	5.10

AJAX EXTENSION PLANKS.



12 Inches Wide, Southern Pine, Ironed and Riveted.

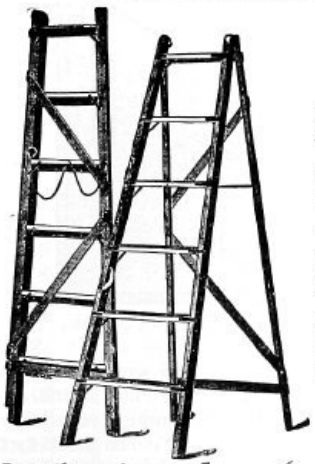
Nos.	1	2	3
Length, closed,	6	8	10 ft.
Length, extended,	10½	14	17½ ft.
Weight,	32	42	65 lbs.
Each,	$2.95	4.15	6.15

Adjustable to any space; do not spring or warp; lie even and afford a firm footing; stronger and lighter than planks; can be carried up any stairway.

Nos. 1 and 2 have 1¾×1⅛ in. strips; No. 3, 2×1⅛ in. strips.

PAINTERS' LADDERS.

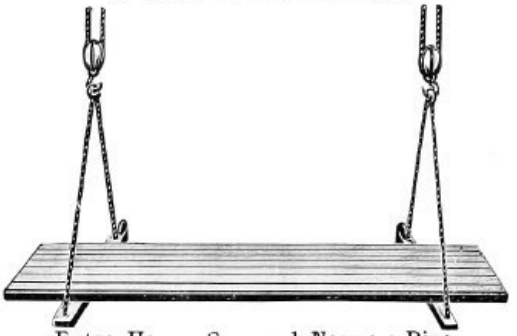
THE PAINTERS' FAVORITE.



The legs fold outside of the sides; has iron straps on sides and front of each step; iron braces on sides and back of each step, corner irons on end of each brace and legs; extra heavy stock, carefully selected as to quality. This ladder is braced at every point and folds more compactly than any other ladder, which is an important feature for painters and decorators.

Length,	4	5	6	7	8	10	12 ft.
Each,	$	1.60	2.00	2.30	2.60	3.30	3.60

SWINGING STAGES OR SCAFFOLDS.



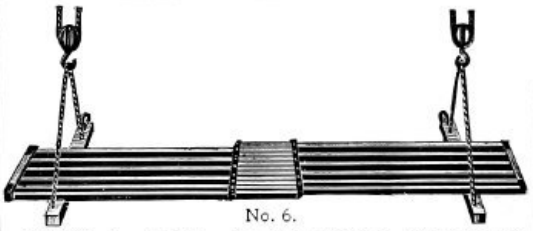
Extra Heavy Seasoned Norway Pine.

Length,	18	20	22	24	26	28 ft.
Weight,	83	92	100	110	120	130 lbs
Each,	$4.90	5.40	5.80	6.45	7.00	7.35

Special selected timber, joined together with long rods, making a strong, non-springing staging. Every one warranted.

Cross Bars and Rollers, for stages, - - per pair $ 1.50
Heavy Iron Cornice Hooks, - - - " 12.00
Common Cornice Hooks, - - - - " 10.00

AJAX EXTENSION STAGES AND ROOF HOOKS.



No. 6.

18½ Inches Wide, Southern Pine, Ironed and Riveted.

No. 6—Stages, 10 ft. closed, 17½ ft. extended, wt. 120 lbs., - - each $10.95

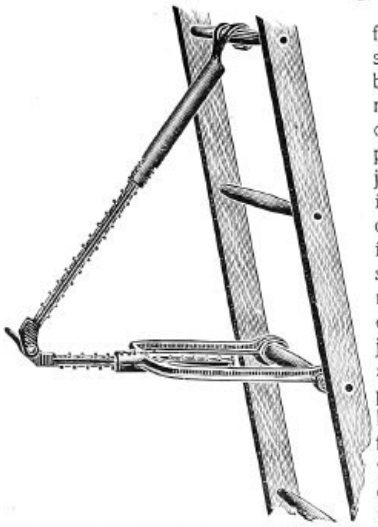
These are the same as Ajax Extension Planks, except for their greater width, and possess equal advantages.

No. 5.

No. 5—Roof hook, adjustable, per pair $1.00

Easily attached to any ladder and much more practical than the old style hooks. They are made very strong and durable.

LADDER JACKS.



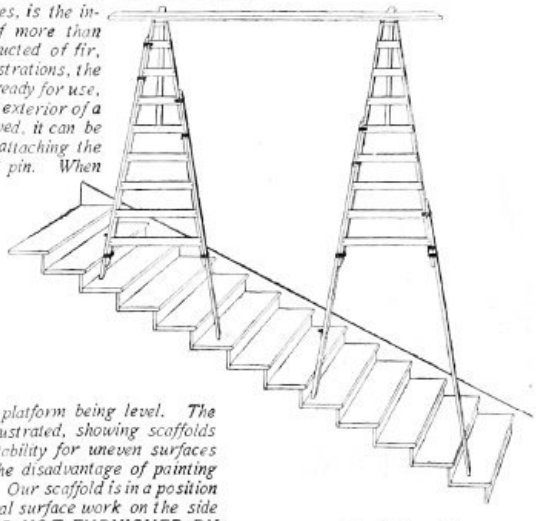
We call attention to the following points of superiority, simplicity, strength and durability: There are no screws, nuts, bolts or pins to get loose or lost, there are no loose pieces to put in place. This jack is so constructed that it is impossible for it to get out of order, loose or slip, as the interlocking bars are so constructed that it can not be moved without giving either end a quarter turn. It is adjustable every one-quarter inch so as to be able to make the plank level at any angle of the ladders. It can be adjusted from 12 to 24 in. wide. It will hold up any load that ladders will carry, and will work in or outside of ladder.

Giant, malleable iron, - - - - per pair $5.50

LEUZ ADJUSTABLE SCAFFOLDS.

Trestles for interior decorating and ceiling work.

The Leuz Scaffold is designed for various purposes, is the invention of a practical painter and paper hanger of more than thirty-seven years' actual experience. It is constructed of fir, light weight, strong and durable. As shown by illustrations, the construction is simple, easily adjustable and always ready for use, in any position, to reach any points in the interior or exterior of a building, for any desired purpose. As will be observed, it can be used as a ladder by raising the "nose" or bracket attaching the support, by the simple insertion of a key or cotter pin. When closed it takes up less room than an ordinary step ladder. For interior work it can be used with "nose" against the wall and plank extended, or for ceiling work a support is adjusted and a convenient and safe platform is afforded. It is an acknowledged fact that workmen invariably desire a firm and safe footing or platform. Our scaffolds fill the bill in this respect, as they are firm and free from any swaying motion. The irregularity of the surface upon which the side rails rest will not interfere with the staging or platform being level. The side rails are adjustable, as is well illustrated, showing scaffolds in use on a stairway; hence their adaptability for uneven surfaces is assured. Every painter knows the disadvantage of painting window sash from a common ladder. Our scaffold is in a position for this work when adjusted for general surface work on the side of a building. THE TOP BEAM IS NOT FURNISHED BY US. This can be made of an ordinary 2x6 in. plank, length as may be desired, according to size of working space.



For high ceiling stairway.

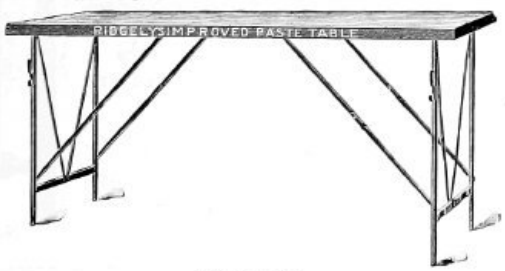
Interchangeable for Interior or Exterior Work, Made of Spruce and Fir Lumber, Castings are Malleable Iron, Nicely Painted Chrome Yellow, with Black Trimmings.

F. O. B. IOWA CITY, IOWA.

No. 3—Length closed 3 ft. 6 in., extended 12 ft., - - - - - - - - - - - - - - per pair $ 9.00
No. 6—Length closed 6 ft. 6 in., extended 18 ft., - - - - - - - - - - - - - - " 11.50
No. 12—Length closed 12 ft., extended 30 ft., - - - - - - - - - - - - - - " 16.00

WESTERN CLASSIFICATION 3RD CLASS RATE, F. O. B. IOWA CITY, IOWA.

FOLDING PASTE TABLES AND BOARDS.



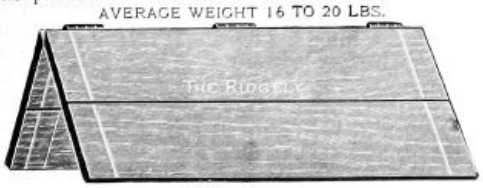
Ridgely's.

No. 10—6 ft. long, - - - - - - - each $5.20
No. 11—7 ft. long, - - - - - - - " 5.50
No. 12—8 ft. long, - - - - - - - " 5.60

The top is in four pieces riveted together with patent corrugated rivets and glued. (This is done to prevent dishing, as is invariably the case when one board 11 in. wide is used.) It folds up intact without a hook or button to manipulate.

To extend for wide goods insert three rods in the holes in back. Will not warp or dish.

AVERAGE WEIGHT 16 TO 20 LBS.



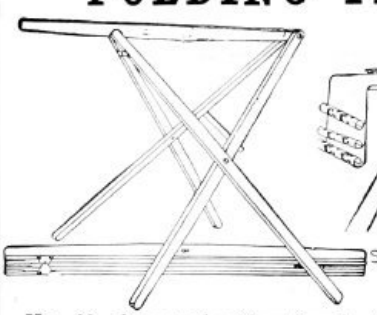
Ridgely's.

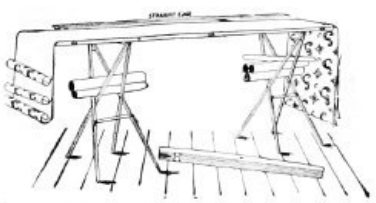
No. 7—6 ft. long, - - - - - - - each $1.90
No. 8—7 ft. long, - - - - - - - " 2.00
No. 9—8 ft. long, - - - - - - - " 2.00

$\frac{9}{16}$ in. thick, 23 in. wide, 11½ in. closed, made in four boards riveted with patent corrugated rivets and glued to prevent dishing (which always occurs in a single board 11½ in. wide), four battings to prevent warping, and hinged with three hinges.

AVERAGE WEIGHT 9 LBS.

FOLDING TRESTLES.

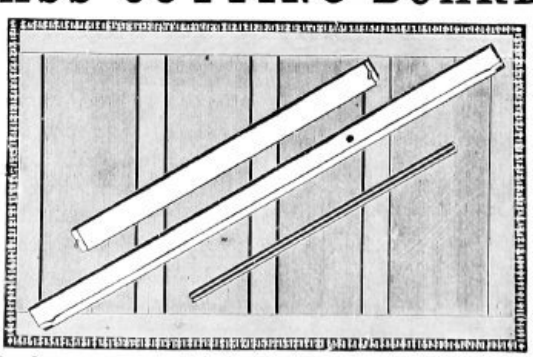




Showing Trestle in use in Connection with Paste Board.

No. 60—Improved, without board, w't per pair 4½ lbs., per pair $2.40
Folds compactly, forming a bundle 40 in. long and 2½ in. square.

GLASS CUTTING BOARDS.



No. 19—LIGHTNING, paneled, capacity 30×48 in., w't 35 lbs., each, - - - - - - - - - - $7.25

It will soon pay for itself in broken glass and wrong-cut sizes. Owing to its construction, it can neither warp, swell nor shrink, and must retain its original shape permanently. Its illuminated numbers make it possible to cut glass in the darkest places. The most inexperienced can cut as well as an expert, it being impossible for the straight edge to slip. We warrant the board unconditionally.

AMERICAN WINDOW GLASS.

Revised Price List. Adopted October 1, 1903. Per Box of 50 Square Feet.

UNITED INCHES.	SIZE, INCHES.	SINGLE STRENGTH.				DOUBLE STRENGTH.		
		A A	A	B	C	A A	A	B
25	6× 8 to 10×15	$32.00	$26.75	$25.50	$25.00	$42.75	$37.50	$35.50
34	11×14 to 14×20	33.50	28.00	26.75	26.00	46.75	41.50	38.75
40	10×26 to 16×24	36.00	30.00	28.00	27.00	52.00	45.50	41.50
50	18×22 to 20×30	37.50	31.75	29.50		56.00	49.50	46.00
54	15×36 to 24×30	38.75	32.75	30.00		57.50	50.75	46.75
60	26×28 to 24×36	40.00	34.75	31.00		58.75	52.00	47.50
70	26×34 to 30×40	42.75	38.50	33.75		62.75	56.00	50.75
80	32×38 to 30×50	48.75	44.50	38.50		68.00	61.50	55.50
84	30×52 to 30×54	52.00	47.50	41.75		69.50	62.75	56.75
90	30×56 to 34×56					73.50	66.75	61.50
94	34×58 to 34×60					74.75	68.00	62.75
100	36×60 to 40×60					88.00	80.00	74.75

$10.00 per box extra for every 5 in. larger than above sizes. 10 per cent. additional for all glass more than 40 in. wide. All sizes above 52 in. in length, and not more than 81 united in., will be charged in the 84 united in. bracket. All glass 54 in. wide or wider, not making more than 116 united in., will be charged in the 120 united in. bracket. We will send upon application a booklet giving list per box on each size, and single lights.

TABLE SHOWING NUMBER OF LIGHTS IN A BOX.

Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.	Sizes.	No. Lights per Box.
6× 8	150	11×16	41	12×58	10	15×15	32	16×68	7	20×40	9	22×60	5	24×82	4	28×42	6	30×70	3	34×46	5	36×84	3
7× 9	115	18	37	60	10	16	30	70	6	42	9	62	5	84	4	44	6	72	3	48	5	86	3
8×10	90	19	34	13×15	37	18	27	72	6	44	8	64	5	86	3	46	6	74	3	50	4	38×38	5
12	75	20	33	16	35	20	24	74	6	46	8	66	5	88	3	48	5	76	3	52	4	40	5
13	69	22	30	18	31	22	22	76	6	48	8	68	5	90	3	50	5	78	3	54	4	42	5
14	64	24	27	20	28	24	20	18×18	22	50	7	70	5	26×26	11	52	5	80	3	56	4	44	4
15	60	26	25	22	25	26	19	20	20	52	7	72	5	28	10	54	5	82	3	58	4	46	4
16	56	28	23	24	23	28	17	22	18	54	7	74	4	30	9	56	5	84	3	60	4	48	4
18	50	30	22	26	21	30	16	24	17	56	6	76	4	32	9	58	4	86	3	62	3	50	4
20	45	32	20	28	20	32	15	26	16	58	6	78	4	34	8	60	4	88	3	64	3	52	4
9×11	73	34	19	30	19	34	14	28	14	60	6	80	4	36	8	62	4	90	3	66	3	54	4
12	67	36	18	32	17	36	13	30	14	62	6	82	4	38	7	64	4	32×32	7	68	3	56	3
13	62	38	17	34	16	38	13	32	13	64	6	84	4	40	7	66	4	34	7	70	3	58	3
14	57	40	16	36	15	40	12	34	12	66	5	86	4	42	7	68	4	36	6	72	3	60	3
15	53	42	16	38	15	42	11	36	11	68	5	88	4	44	6	70	4	38	6	74	3	62	3
16	50	44	15	40	14	44	11	38	11	70	5	90	4	46	6	72	4	40	6	76	3	64	3
18	45	46	14	42	13	46	10	40	10	72	5	24×24	12	48	6	74	3	42	6	78	3	66	3
20	40	48	14	44	13	48	10	42	10	74	5	26	12	50	6	76	3	44	5	80	3	68	3
22	36	50	13	46	12	50	10	44	9	76	5	28	11	52	5	78	3	46	5	82	3	70	3
10×12	60	12×12	50	48	12	16×16	28	46	9	78	4	30	10	54	5	80	3	48	5	84	3	72	3
13	55	13	46	50	11	18	25	48	8	80	4	32	10	56	5	82	3	50	5	86	3	74	3
14	52	14	43	14×14	37	20	23	50	8	82	4	34	9	58	5	84	3	52	4	36×36	6	76	3
15	48	15	40	16	32	22	21	52	8	84	4	36	9	60	5	86	3	54	4	38	5	78	3
16	45	16	38	18	29	24	19	54	7	86	4	38	8	62	4	88	3	56	4	40	5	80	3
18	40	18	34	20	26	26	17	56	7	88	4	40	8	64	4	90	3	58	4	42	5	82	3
19	38	19	32	22	24	28	16	58	7	90	4	42	7	66	4	30×30	8	60	4	44	5	84	3
20	36	20	30	24	22	30	15	60	7	22×22	15	44	7	68	4	32	7	62	4	46	4	86	3
22	33	22	27	26	20	32	14	62	6	24	14	46	7	70	4	34	7	64	4	48	4	40×40	5
24	30	24	25	28	19	34	13	64	6	26	13	48	6	72	4	36	7	66	3	50	4	42	4
26	28	26	23	30	17	36	13	66	6	28	12	50	6	74	4	38	7	68	3	52	4	44	4
28	26	28	22	32	16	38	12	68	6	30	11	52	6	76	4	40	6	70	3	54	4	46	4
30	24	30	20	34	15	40	11	70	6	32	10	54	6	78	4	42	6	72	3	56	4	48	4
32	23	32	19	36	14	42	11	72	6	34	10	56	5	80	3	44	6	74	3	58	3	50	4
34	21	34	18	38	14	44	10	74	5	36	9	58	5	82	3	46	5	76	3	60	3	52	3
36	20	36	17	40	13	46	10	76	5	38	9	60	5	84	3	48	5	78	3	62	3	54	3
38	19	38	16	42	12	48	9	20×20	18	40	8	62	5	86	3	50	5	80	3	64	3	56	3
40	18	40	15	44	12	50	9	22	16	42	8	64	5	88	3	52	5	82	3	66	3	58	3
42	17	42	14	46	11	52	9	24	15	44	7	66	5	90	3	54	4	84	3	68	3	60	3
44	16	44	14	48	11	54	8	26	14	46	7	68	4	28×28	9	56	4	86	3	70	3		
46	16	46	13	50	10	56	8	28	13	48	7	70	4	30	9	58	4	34×34	6	72	3		
48	15	48	13	52	10	58	8	30	12	50	7	72	4	32	8	60	4	36	6	74	3		
50	14	50	12	54	10	60	8	32	11	52	6	74	4	34	8	62	4	38	6	76	3		
11×12	55	52	12	56	9	62	7	34	11	54	6	76	4	36	7	64	4	40	6	78	3		
14	47	54	11	58	9	64	7	36	10	56	6	78	4	38	7	66	4	42	5	80	3		
15	44	56	11	60	9	66	7	38	10	58	6	80	4	40	7	68	4	44	5	82	3		

GLASS CUTTERS.

No. 60—Polished and bronzed, - - - - - - - - - - - - - - - - per dozen $1.10
ONE DOZEN IN A BOX.

No 8—Bronzed, with knife sharpener, cork screw and can opener, - - - - - - - - - - per dozen $1.20
ONE DOZEN IN A BOX.

No. 1—Polished and bronzed, extra quality, - - - - - - - - - - - - - - - - per dozen $1.65
ONE DOZEN IN A BOX.

No. 50—Nickel plated revolving head, 4 wheels, milled edge thumb locknut, cocolobo handle, - - - - - per dozen $3 00
ONE IN A BOX.

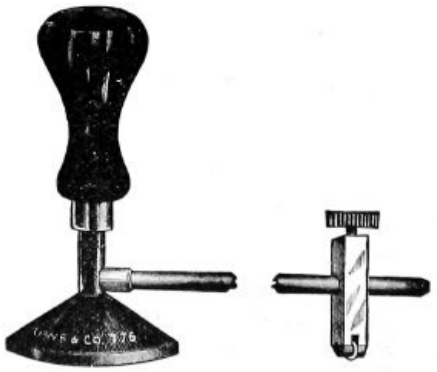
No. 85—Red Devel, polished, rosewood handle, warranted to cut 500 yds., - - - - - - - - - - per dozen $3.40
ONE DOZEN IN A BOX.

No 100—Nickel plated head and ferrule, turret holder, 6 wheels, rosewood finish handle, - - - - - - per dozen $4.50
ONE DOZEN IN A BOX

No. 5—Red Devil, polished redwood handle, 6 extra wheels in chamber of handle, - - - - - per dozen $2.85
ONE IN A BOX.

No. 30—Enameled wood handle, - - - - per dozen $1.65
ONE DOZEN IN A BOX.

No. 19—Bronzed, polished heads, 4 wheels, - per dozen $3.00
ONE DOZEN IN A BOX.



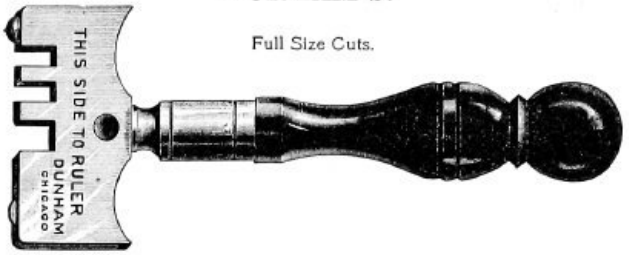
For Cutting Circles.

No. 776—Nickel plated frame, japanned wood handle and base, for circles from 2 in. to 18 in. in diameter, per dozen, - - - - - - - - - - $9.00
ONE IN A BOX.

GLAZIERS' DIAMONDS.

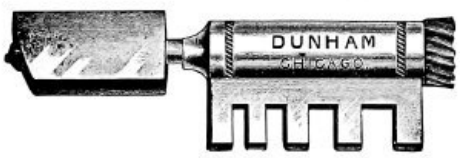
DUNHAM'S.

Full Size Cuts.

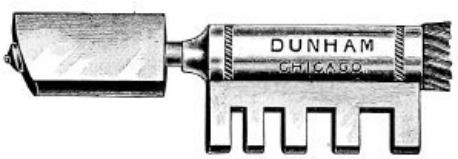


No. 1S—UNIVERSAL, for cutting single strength glass, - - - - - - - - - - - - - each $ 4.75
No. 1D—UNIVERSAL, for cutting double strength glass, - - - - - - - - - - - - - " 12.40

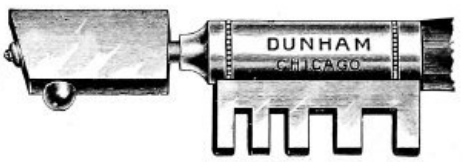
No. 2—Nickel plated, ebony handle, for general use on ordinary glass, for gardeners, farmers, and where a diamond is occasionally needed, - each $7.25



No. 3.



No. 4.



No. 5.

No. 3—Nickel plated, rosewood handle, a very good glaziers' diamond for general use, - - - - - - - - - - - - each $ 8.40
No. 4—Nickel plated, cocoa handle, adapted to single and double thick glass, well suited to heavy work, and where a reliable article for constant use is necessary, - each 12.40
No. 5—Nickel plated, cocobolo handle, specially adapted to single, double and triple thick glass, for general use by glass stainers, dealers in glass, and where a diamond for heavy work is constantly required, - - - - - - - - - - - - each 14.25

ONE IN A BOX.

KARELSEN'S.

Full Size Cuts.

No. 11 —Ebony handle, suitable for use on ordinary glass, - - - - - - - - - - - - - - - each $5.75
No. 11E—Extra ebony handle, for universal use, - " 6.00

No. 12—Nickel plated, rosewood handle, for gardeners, farmers, and occasional use on ordinary glass, - - - - - - - - - - - - - - - each $6.00

No. 13.

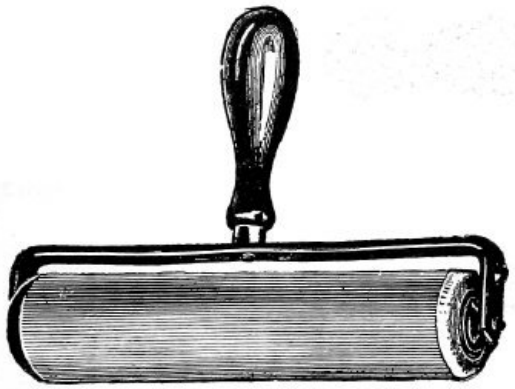
No. 14.

No. 15.

No. 13—Nickel plated, rosewood handle, for general glaziers' use, - - - - - - - - - - - - - - - - - - -

PAPER HANGERS' TOOLS.

SMOOTHING ROLLERS.

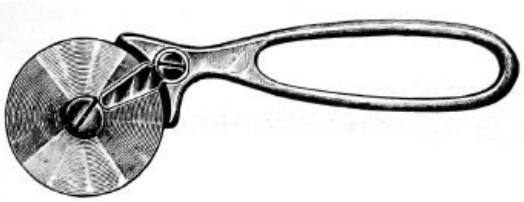


No. 122—8 in., felt covered roller, - - per dozen $11.25
ONE IN A BOX.

ROTARY KNIVES.

No. 9—Base trimmer, serrated or plain knife, iron handle, teeth cut in both sides of knife, - - per dozen $3.00
ONE IN A BOX.

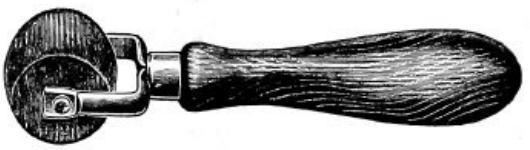
No. 12—Wheel knife, serrated or plain knife, 2 in. blade, shoulder on both sides, - - - - per dozen $5.25
ONE IN A BOX.



No. 14—OLD RELIABLE, wheel knife, 2 in. blade, per dozen $7.50
Has patent device for keeping the paste off the knife, thereby leaving the knife clean and sharp at all times.
ONE IN A BOX.

No. 13—Wheel knife, - - - - per dozen $9.00
Has patent device for keeping the paste off the knife, thereby leaving the knife clean and sharp at all times.
ONE IN A BOX

SEAM ROLLERS.

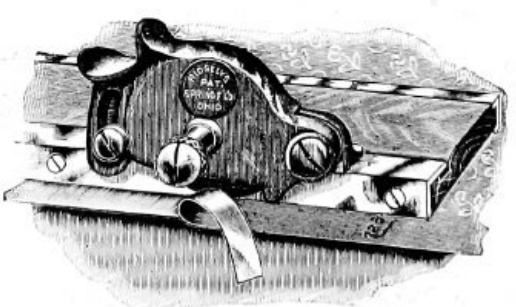


No. 23—1¼ in., hardwood roller, - - per dozen $1.80
ONE IN A BOX.

No. 24—1¼ in., rubber covered roller, - per dozen $1.80
ONE IN A BOX.

No. 25—Celluloid covered, side arm, made in 2 styles, bevel and flat face, indispensable for ceilings, door casings and frames, - - - - - - per dozen $3.25
ONE IN A BOX.

PAPER HANGERS' TRIMMERS.

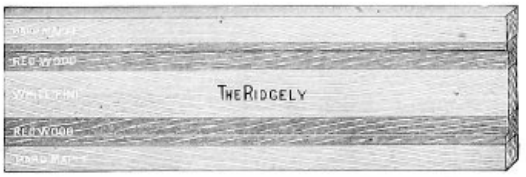


Ridgely's Improved.

6 ft., complete outfit, - - - - -	each	$6.75
7 ft., complete outfit, - - - - -	"	7.15
Trimmers Only, - - - - - -	"	5.65
Trimmer Blades, - - - - - -	"	.70
Zinc Strips, - - - - - - - -	"	.40

A complete outfit consists of Trimmer, Straight Edge and Zinc.

STRAIGHT EDGES.

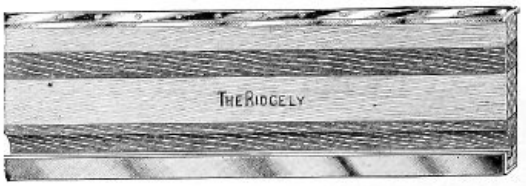


Not Brass Bound.

No. 6—6 ft. long, 5 pieces, 3 in. wide, made of the highest quality white pine, redwood and maple, - - - - per dozen $11.40
No. 7—7 ft. long, otherwise same as No. 6, - - - - - - - - - - - - " 12.00
No. 8—8 ft. long, otherwise same as No. 6, - - - - - - - - - - - - " 13.00

AVERAGE WEIGHT PER DOZEN 21 LBS.

Nos. 16, 17 and 18.



Nos. 25, 26 and 27.

For Knife Work, Brass Bound.

No. 16—6 ft. long, 5 pieces, 3 in. wide, made of the highest quality white pine, redwood and maple, - - - - per dozen $30.00
No. 17—7 ft. long, otherwise same as No. 16, - - - - - - - - - - - - " 32.00
No. 18—8 ft. long, otherwise same as No. 16, - - - - - - - - - - - - " 34.00

Made exactly in the same manner and of same material as our No. 6 straight edge trimmer with the exception of being bound on both edges with flat brass strips. Can not be used with trimmer.

AVERAGE WEIGHT PER DOZEN 30 LBS.

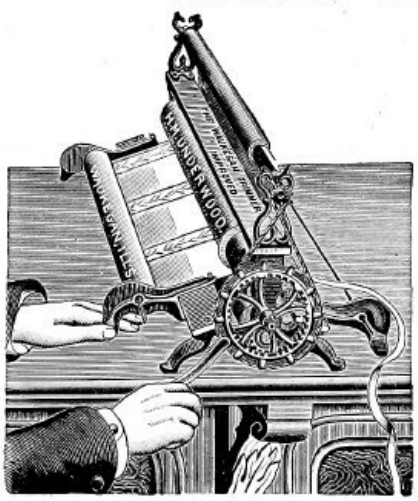
Brass Bound Trimmer.

No. 25—6 ft. long, 5 pieces, 3 in. wide, made of highest quality white pine, redwood and maple, - - - - per dozen $32.00
No. 26—7 ft. long, otherwise same as No. 25, - - - - - - - - - - - - " 35.00
No. 27—8 ft. long, otherwise same as No. 25, - - - - - - - - - - - - " 38.00

Made exactly in the same manner as No. 6 with the exception of being bound on both edges with angle and channel brass, set with screws and heavy body finish.
Ridgely Straight Edges are peerless in material and construction and will not warp, twist or split. The woods used are of the highest quality white pine, redwood and maple and undergo special process of curing, machining and tempering. We believe them to be the best straight edges on the market.

AVERAGE WEIGHT PER DOZEN 39 LBS.

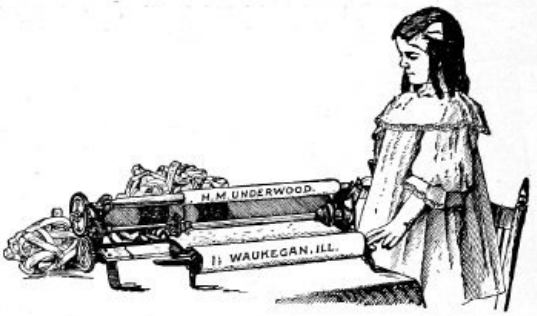
PAPER HANGERS' TRIMMERS.



Single Cut.

No. A—Malleable iron frame, 30 in. hollow wood felt covered rolls, high speed gear, reversible cut, automatic shift, double feed guide, weight 30 lbs., - - each $16.50
This trimmer cuts 18½ in. with each turn of the crank, and will trim second edge, if desired, at the same rate of speed.
No. B—With one pair of feed guides, otherwise same as No. A, weight 28 lbs., - - - - - each 15.00
No. C—With one pair of feed guides, without gearing, trims 8 in. with each turn of the crank, otherwise same as No. A, weight 25 lbs., - - - - - each 12.00

ONE IN A CASE.



Double Cut.

No. D—Malleable iron frame, 30 in. hollow wood felt covered rolls, high speed gear, positive motion top and bottom, without springs, straight clean cutting, perfectly parallel edges for butting, weight 35 lbs., - - - each $20.00

Each turn of the crank trims 18 in. of paper on both edges at once, and trims and splits border. Every part of the roll is trimmed at a speed uniform with the speed of the cutters, which are differently geared.

No. E—Without gearing, trims 7⅜ in. with each turn of crank, otherwise same as No. D, - - each $18.00

ONE IN A CASE.

MISCELLANEOUS KNIVES.

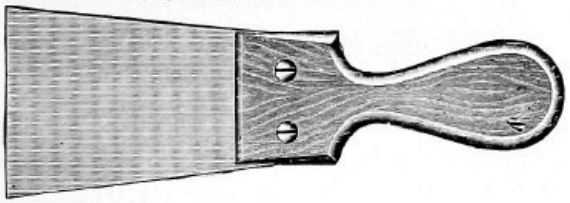
HEAD KNIVES.

No. 73—OSBORN, round cocoa handle, polished blade, per dozen, - - - - - - - - $8.00

Used extensively as a glazier's tool or putty knife.

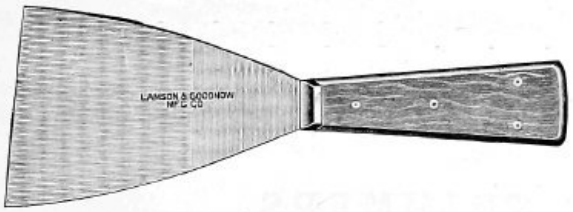
ONE DOZEN IN A BOX.

SCRAPING KNIVES.

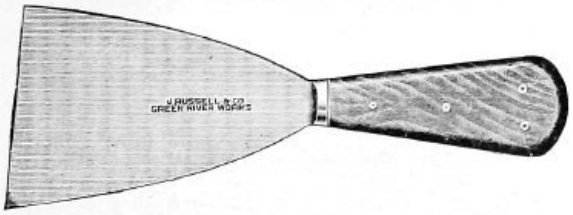


Dandy—Solid beechwood handle, full length 9 in., width of blade 3 and 4 in., - - - - - per dozen $1.90

ONE DOZEN IN A BOX.



No. 102—Cocoa handle, width of blade 3 in., - per dozen $5.65



Cocoa Handle.

No. 525—Width, - -	3	3½	4	4½ in.
Per dozen, - -	$7.30	3.25	9.40	10.30

"Our Very Best," Cocoa Handle, Extra Finish.

No. 325—Width, -	2½	3	3½	4	4½ in.
Per dozen, - -	$6.75	7.30	8.25	9.40	10.30

HALF DOZEN IN A BOX.

PAPER HANGERS'.

No. 305—"OUR VERY BEST," polished hardwood handle, nickel plated ferrule, round point, extra fine quality, per dozen, - - - - - - - - - $3.00

No. 5—J. RUSSELL & Co's, beechwood handle, brass ferrule, round point, - - - - - per dozen 3.00

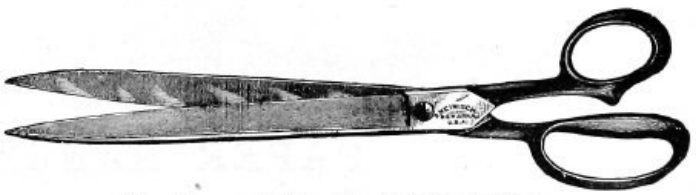
ONE DOZEN IN A BOX.

No. 306—"OUR VERY BEST," polished hardwood handle, nickel plated ferrule, square point, extra fine quality, per dozen, - - - - - - - - - $3.00

ONE DOZEN IN A BOX.

SHEARS.

PAPER HANGERS' STRAIGHT.



Vim, Japanned Handles, Polished Blades.

Length, - - - - -	12	14 in.
Per dozen, - - - - -	$32.00	42.00

"O. V. B.," Japanned Handles, Polished Blades.

No. 60—Length, - - - -	12	14 in.

"O. V. B.," Nickel Plated Handles and Polished Blades.

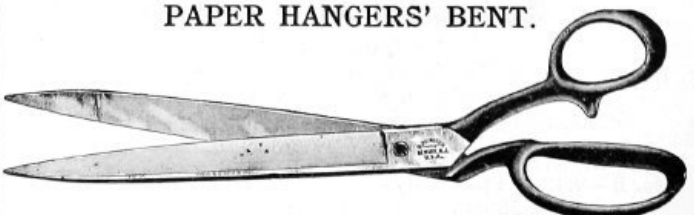
No. 70—Length, - - - -	12	14 in.
Per dozen, - - - - -	$42.00	54.00

Heinisch's, Japanned Handles, Finely Polished Blades.

Length, - - - - -	12	14 in.
Per dozen, - - - - -	$32.00	42.00

HALF DOZEN IN A BOX.

PAPER HANGERS' BENT.



Heinisch's Japanned Handles, Finely Polished Blades.

Length, - - - - -	12	14 in.
Per dozen, - - - - -	$32.00	42.00

HALF DOZEN IN A BOX.

KNIVES.

PUTTY.

Extra Finish.

No. 300S—Beechwood handle, stiff blade, - per dozen $2.40
No. 300E—Beechwood handle, elastic blade, - " 2.40
ONE DOZEN IN A BOX.

Extra Finish, Metal Bolster.

No. 366S—Cocoa handle, stiff blade, - - per dozen $2.95
No. 366E—Cocoa handle, elastic blade, - " 2.95
ONE DOZEN IN A BOX.

Extra Finish, Steel Bolster.

No. 380S—Cocoa handle, 1⅜ in. stiff blade, - per dozen $3.20
No. 380E—Cocoa handle, 1⅜ in. elastic blade, " 3.20
No. 0380S—Cocoa handle, 2 in. stiff blade, - " 3.75
No. 0380E—Cocoa handle, 2 in. elastic blade, " 3.75
ONE DOZEN IN A BOX.

Extra Finish.

No. 3000S—Solid cocoa handle, brass bolster, stiff blade, per dozen, - - - - - - - - $3.50
No. 3000E—Solid cocoa handle, brass bolster, elastic blade, er dozen, - - - - - - - - 3.50
ONE DOZEN IN A BOX.

No. 3.

No. 3—Cocoa handle, 3½ in. elastic blade, - per dozen $1.25
No. 4—Beechwood handle, 3½ in. stiff blade, " 1.25
No. 10E—Solid hardwood handle, elastic blade, steel ferrule, per dozen, - - - - - - - - 1.00
No. 10S—Solid hardwood handle, stiff blade, steel ferrule, per dozen, - - - - - - - - 1.00
ONE DOZEN IN A BOX.

No. 106E.

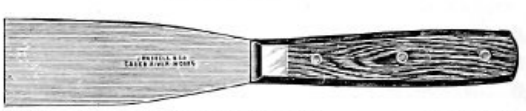
No. 104S—Beechwood handle, stiff blade, - per dozen $2.00
No. 104E—Beechwood handle, elastic blade, - " 2.00
No. 106S—Cocoa handle, stiff blade, - - " 2.20
No. 106E—Cocoa handle, elastic blade, - - " 2.20
HALF DOZEN IN A BOX.

No. 120S—Beechwood handle, stiff blade, - per dozen $2.40
No. 120E—Beechwood handle, elastic blade, - " 2.40
ONE DOZEN IN A BOX.

No. 135S—Cocoa handle, stiff blade, - - per dozen $2.40
No. 135E—Cocoa handle, elastic blade, - " 2.40
ONE DOZEN IN A BOX.

No. 108S—Cocoa handle, stiff blade, - - per dozen $2.50
No. 108E—Cocoa handle, elastic blade, - " 2.50
HALF DOZEN IN A BOX.

No. 150S—Cocoa handle, stiff blade, - - per dozen $2.95
No. 150E—Cocoa handle, elastic blade, - " 2.95
ONE DOZEN IN A BOX



No. 01535S—Cocoa handle, stiff blade, - per dozen $3.20
No. 01535E—Cocoa handle, elastic blade, - " 3.20
ONE DOZEN IN A BOX.

HACKING.

No. 0—Light, riveted leather handle, - - per dozen $5.65
No. 1—Heavy, riveted leather handle, - - " 6.75
HALF DOZEN IN A BOX

SPATULAS.

"Our Very Best," Cocoa Handle.

No. 3803—Blade,	3	4	5	6 in.
Per dozen,	$3.25	3.55	4.15	4.90

No. 3803—Blade,	8	9	10	12	14 in.
Per dozen,	$7.90	9.75	13.15	22.50	31.50

HALF DOZEN IN A BOX.

Cocoa Handle.

No. 1586—Blade,	3	4	5	6 in.
Per dozen,	$3.25	3.55	4.15	4.90

No. 1586—Blade,	8	10	12 in.
Per dozen,	$7.90	13.15	22.50

HALF DOZEN IN A BOX

WALL PAPER.

The following pages show a comprehensive assortment of wall papers that have been selected with great care from a very comprehensive line, and our aim in making these selections has been to offer a variety in pattern, coloring and price.

There are papers suitable for all purposes in these samples, and prices range from the lowest to a moderate figure. Every number shown is a strong selling pattern, and the big volume of business that we have already transacted on every paper shown, is the best evidence that can be secured that they are universal big sellers.

Please note that under each pattern the pattern number and price is printed plainly, and a description of the colorings in the pattern.

All of our wall paper is made in full length rolls on standard weight stock or heavier, and all will hang perfectly. The wall paper is put up in bundles containing 50 single rolls of 8 yards each, or 25 bolts. A bolt contains 2 single rolls of 8 yards each.

The correct proportion in which to order wall paper is 50 rolls of sidewall, 26 rolls of ceiling, and 8 rolls of two band bolder or 14 rolls of one band border. If a less quantity than 50 rolls of sidewall is ordered, the proportion mentioned above should be generally observed.

SPECIAL INTRODUCTORY ORDER ASSORTMENTS.

For the convenience of our customers who are willing to accept our services and knowledge as to the best selections to make up a comprehensive line of wall paper, we recommend the assortments given below. Every pattern is one of our best selling numbers and all are new. Each assortment includes paper adapted for parlors, bedrooms, dining rooms, halls and kitchens.

Assortment No. 55, 1180 Rolls, $100.00.

	SIDEWALL. CEILING, BORDER.		
No. 281A	—50 rolls, 26 rolls, 8 dbl.	per 100 rolls	$ 4.70
No. 285B	—50 rolls, 26 rolls, 8 dbl.	"	5.64
No. 291D	—50 rolls, 26 rolls, 8 dbl.	"	7.06
No. 293B	—50 rolls, 26 rolls, 8 dbl.	"	6.58
No. 295A	—50 rolls, 26 rolls, 8 dbl.	"	6.58
No. 303B	—50 rolls, 26 rolls, 14 single.	"	6.12
No. 307C	—50 rolls, 26 rolls, 14 single.	"	8.00
No. 309D	—50 rolls, 26 rolls, 14 single.	"	7.42
No. 319A	—50 rolls, 26 rolls, 8 dbl.	"	8.94
No. 355D	—50 rolls, 26 rolls, 8 dbl.	"	10.34
No. 359A	—50 rolls, 26 rolls, 14 single.	"	11.28
No. 375AG	—50 rolls, 26 rolls, 14 single.	"	11.76
No. 381EA	—50 rolls, 26 rolls, 14 single.	"	14.10
No. 385CG	—26 rolls, sidewall only	"	14.58
No. 387D	—26 rolls, sidewall only.	"	15.98

Assortment No. 55—Consisting of 1180 rolls of sidewall, ceiling and border, total $102.66.....per assortment $100.00

Assortment No. 33, 774 Rolls, $57.00.

	SIDEWALL. CEILING. BORDER.		
No. 281A	—50 rolls, 26 rolls, 8 dbl.	per 100 rolls	$ 4.70
No. 285B	—50 rolls, 26 rolls, 8 dbl.	"	5.64
No. 293B	—50 rolls, 26 rolls, 8 dbl.	"	6.58
No. 303B	—50 rolls, 26 rolls, 14 single.	"	6.12
No. 309D	—50 rolls, 26 rolls, 14 single.	"	7.42
No. 299DG	—50 rolls, 26 rolls, 8 dbl.	"	8.46
No. 319A	—50 rolls, 26 rolls, 8 dbl.	"	8.94
No. 379A	—50 rolls, 26 rolls, 14 single.	"	9.40
No. 355D	—50 rolls, 26 rolls, 8 dbl.	"	10.34

Assortment No. 33—Consisting of 774 rolls of sidewall, ceiling and border, total $58.24..... per assortment $57.00

Assortment No. 44, 1016 Rolls, $85.00.

	SIDEWALL, CEILING. BORDER.		
No. 281A	—26 rolls, 14 rolls, 4 dbl.	per 100 rolls	$ 4.70
No. 281C	—26 rolls, 14 rolls, 4 dbl.	"	5.18
No. 285E	—26 rolls, 14 rolls, 4 dbl.	"	6.12
No. 287C	—26 rolls, 14 rolls, 4 dbl.	"	6.12
No. 289C	—26 rolls, 14 rolls, 4 dbl.	"	6.58
No. 291D	—26 rolls, 14 rolls, 4 dbl.	"	7.06
No. 295C	—26 rolls, 14 rolls, 4 dbl.	"	7.06
No. 299CG	—26 rolls, 14 rolls, 4 dbl.	"	8.46
No. 303B	—26 rolls, 14 rolls, 8 single.	"	7.12
No. 305F	—26 rolls, 14 rolls, 8 single.	"	7.52
No. 307C	—26 rolls, 14 rolls, 8 single.	"	8.00
No. 309D	—26 rolls, 14 rolls, 8 single.	"	7.52
No. 311E	—26 rolls, 14 rolls, 8 single.	"	8.00
No. 313B	—26 rolls, 14 rolls, 8 single.	"	7.52
No. 317A	—26 rolls, 14 rolls, 4 dbl.	"	8.94
No. 319A	—26 rolls, 14 rolls, 4 dbl.	"	8.94
No. 355E	—26 rolls, 14 rolls, 4 dbl.	"	10.34
No. 379A	—26 rolls, 14 rolls, 8 single.	"	9.40
No. 359A	—26 rolls, 14 rolls, 8 single.	"	11.28
No. 381DG	—26 rolls, 14 rolls, 8 single.	"	12.22
No. 375EB	—26 rolls, 14 rolls, 8 single.	"	14.10
No. 385CG	—26 rolls, sidewall only	"	14.58
No. 387D	—26 rolls, sidewall only.	"	15.98

Assortment No. 44—Consisting of 1016 rolls of sidewall, ceiling and border, total $86.88.....per assortment $85.00

Assortment No. 22, 408 Rolls, $30.00.

	SIDEWALL. CEILING. BORDER.		
No. 281A	—26 rolls, 14 rolls, 4 dbl.	per 100 rolls	$ 4.70
No. 285B	—26 rolls, 14 rolls, 4 dbl.	"	5.64
No. 293B	—26 rolls, 14 rolls, 4 dbl.	"	6.58
No. 303B	—26 rolls, 14 rolls, 8 single.	"	6.12
No. 379A	—26 rolls, 14 rolls, 8 single.	"	9.40
No. 309D	—26 rolls, 14 rolls, 8 single.	"	7.52
No. 355D	—26 rolls, 14 rolls, 4 dbl.	"	10.34
No. 299DG	—26 rolls, 14 rolls, 4 dbl.	"	8.46
No. 319A	—26 rolls, 14 rolls, 4 dbl.	"	8.94

Assortment No. 22—Consisting of 408 rolls of sidewall, ceiling and border, total $30.32.....per assortment $30.00

ALL OF THE PATTERNS MENTIONED ABOVE ARE ILLUSTRATED ON THE FOLLOWING PAGE.

ELECTRICAL GOODS.

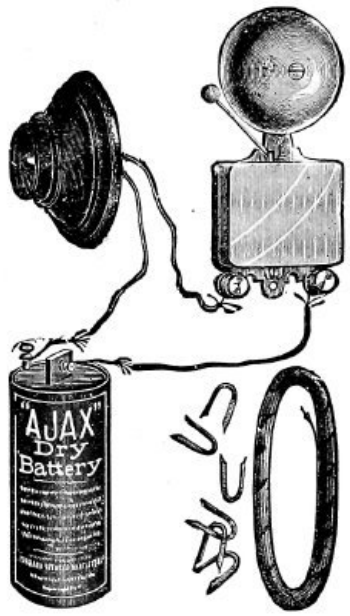
Our rapidly increasing assortment of Electrical Goods has made increased space necessary; we have accordingly transferred this line to the end of our catalogue beginning with page 2501.

The following pages were ready at the time for printing this lot. As soon as the remainder of these pages are completed a comprehensive index will be prepared.

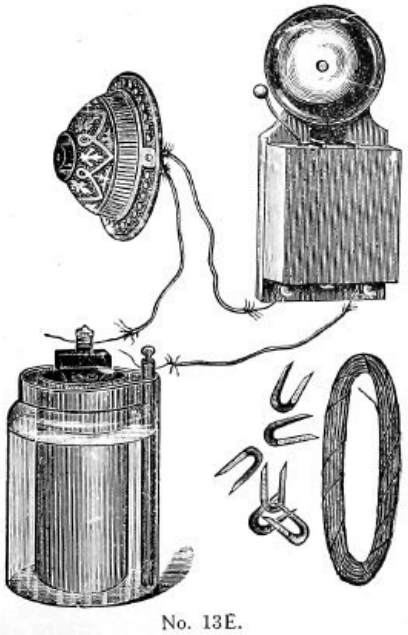
We carry a very large assortment of standard electrical supplies, appliances and tools used by electric light companies, lighting plants, telephone companies and dealers.

ELECTRIC BELLS, BUZZERS, ETC.

ELECTRIC BELL OUTFITS.



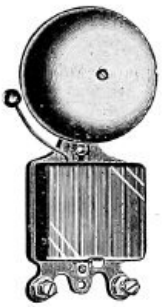
No. 26E—Ajax dry battery, 2½ in., nickel plated, iron box bell, wood push button, ½ lb. (50 feet) annunciator wire, staples, etc., w't per set 3½ lbs.....per set $1.75
Wiring diagram enclosed with each outfit.
ONE SET IN A BOX.



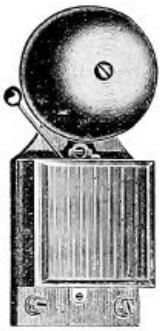
No. 13E.

No. 25E—Carbon battery, 2½ in., nickel plated, iron box bell, wood push button, ½ lb. (50 feet) annunciator wire, staples, etc., w't per set 8 lbs.....per set $2.00
No. 13E—Carbon battery, 2½ in., nickel plated, wood box bell, bronze push button, ½ lb. (50 feet) annunciator wire, staples, etc., w't per set 8 lbs...per set 2.50
Wiring diagram enclosed with each outfit.
ONE SET IN A BOX.

ELECTRIC BELLS.



No. 525E—2½ in., nickel plated, japanned iron box, w't ¾ lb.....each $0.48
No. 530E—3 in., nickel plated, japanned iron box, w't 1 lb.....each .50
No. 540E—4 in., nickel plated, japanned iron box, w't 1½ lbs.....each .66
ONE IN A BOX.

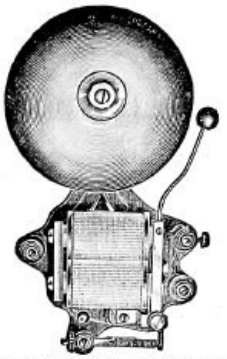


No. 425E—2½ in., nickel plated, wood box, w't ¾ lb.....each $0.70
No. 430E—3 in., nickel plated, wood box, w't 1 lb.....each .72
No. 440E—4 in., nickel plated, wood box, w't 1 lb.....each .88
ONE IN A BOX.

IMPROVED MONITOR BELLS.

No. 1900E—Nickel plated, diam. of base 3½ in., diam. of gong 3 in., total height 2½ in., w't 1½ lbs.....each $0.90
The contact spring of this bell is set in a slot in the frame, assuring positive connection, as the vibration cannot jar it loose and break the contact.
The binding posts are also set in slots in the frame, which prevents them from turning and making a poor wire connection.
Double magnets are used, giving a large surface to the armature and a powerful blow to the hammer.
The gong is secured in its place so it cannot turn, giving always a clear ring instead of a rattle caused by a loose gong.
ONE IN A BOX.

SKELETON BELLS



Nickel Plated Bell Metal Gong.

Nos	1961E	1962E	1963E
Diam.	3	4	5 in
W't	1½	1¾	3 lbs.
Each	$2.08	2.34	3.32
Nos	**1964E**	**1966E**	**1968E**	**1969E**
Diam.	6	8	10	12 in.
W't	3¼	7	11½	15 lbs.
Each	$3.60	6.00	9.60	12.00

No. 1964E is the most salable size.
All parts are heavily nickel plated, giving the bell a beautiful appearance. The steel pivot works in two brass adjustable screws with lock nut. The contact and tension screws are both easy of adjustment and provided with a locking device. Selected hardened platinum is used for contacts. The best cast bell metal nickel plated gongs are used. They are especially adapted for hotels, fire alarms, railroad signals, public buildings, etc., as they have a powerful blow and clear ringing tone.
ONE IN A BOX.

BUZZERS.

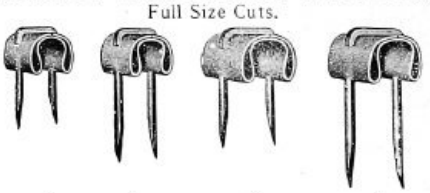
No. 2E—Iron box, 2½ in., japanned, w't ½ lb.....each $0.50
Contact points platinumized. Absolutely dust and bug proof. Will operate equally well on one to ten batteries.

ELECTRICIANS' STAPLES.

No. 12E—½ in., coppered.....per pound $0.25
No. 58E—⅝ in., coppered..... " .25
No. 34E—¾ in., coppered..... " .25

BLAKE INSULATING STAPLES.

Full Size Cuts.



1 5 3 7

No. 741E—Size 1, ½ in.....per 1000 $2.90
No. 742E—Size 5, ⅝ in..... " 2.90
No. 743E—Size 3, ¾ in..... " 2.90
No. 744E—Size 7, 1 in..... " 2.90
ONE HUNDRED IN A PACKAGE; TEN PACKAGES IN A CASE.

ELECTRIC FLASHLIGHTS.

MINIATURE.

2⅞×1⅜×¾ Inches, Brass Case, Heavily Nickel Plated and Highly Polished, Imitation Ruby Contact Button.

No. 6661E—Fitted with No. 650E Merchlor battery and No. 1480E-2½ volt Osram bulb.....each $1.25
No. C6661E—Fitted with No. 1480E-2½ volt Osram bulb, *without battery*, each..... 1.00
No. 650E—Extra Merchlor batteries, each..... .25
No. 1480E—Extra Osram bulbs, 2½ volt.....each .60

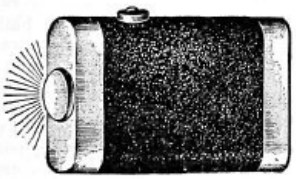
ONE IN A BOX.

2⅞×2×¾ Inch, Brass Case, Heavily Nickel Plated and Highly Polished, Imitation Ruby Contact Button.

No. 6662E—Fitted with No. 651E Merchlor battery and No. 1481E-3½ volt Osram bulb.....each $1.50
No. C6662E—Fitted with No. 1481E-3½ volt Osram bulb, *without battery*, each..... 1.20
No. 651E—Extra Merchlor batteries, each..... .30
No. 1481E—Extra Osram bulbs, 3½ volt.....each .60

ONE IN A BOX.

COAT POCKET.



5×3⅜×1⅛ Inches, Metal Case, Leatherette Covered, Nickel Trimmings.

No. 1901E (35E)—Fitted with No. 504E battery and No. 1303SE bulb, w't 20 oz. each..... $1.25
No. C1901E—Fitted with No. 1303SE bulb, *without battery*..each .90
No. 504E (350E)—Extra batteries, sunken cell.....each .35
No. 1303SE (1350E)—Extra bulbs, 3½ volt carbon.....each .35

5×2¼×1⅛ Inches, Metal Case, Cloth Covered, Nickel Trimmings.

No. 1951E—Fitted with No. 593E battery and No. 1497E-2½ volt Osram bulb, w't 17 oz.....each $1.50
No. C1951E—Fitted with No. 1497E-2½ volt Osram bulb, *without battery*...each 1.20
No. 593E—Extra batteries..... " .30
No. 1971E—Fitted with No. 693E Merchlor battery and No. 1497E-2½ volt Osram bulb, w't 17 oz.....each 1.75
No. C1971E—Fitted with No. 1497E-2½ volt Osram bulb, *without battery.*, each..... 1.40
No. 693E—Extra Merchlor batteries, each..... .35
No. 1497E—Extra Osram bulbs, 2½ volt, each..... .50

ONE IN A BOX.

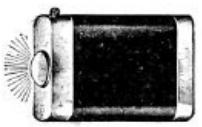
VEST POCKET.

3½×2¾×1 Inch, Metal Case, Cloth Covered, Nickel Trimmings.

No. 6502E (17E)—Fitted with No. 502E battery and No. 1202E-3½ volt carbon bulb, w't 8 oz.....each $0.90
No. C6502E—Fitted with No. 1202E-3½ volt carbon bulb, *without battery*, each..... .60
No. 502E (180E)—Extra batteries, sunken cell.....each .30
No. 1202E (118E)—Extra carbon bulbs, 3½ volt.....each .35

3½×2¾×1 Inch, Metal Case, Alligator Covered, Nickel Trimmings.

No. 6501E (18E)—Fitted with No. 502E battery and No. 1202E-3½ volt carbon bulb, w't 8 oz.....each $1.10
No. C6501E—Fitted with No. 1202E-3½ volt carbon bulb, *without battery*, each..... .80
No. 502E (180E)—Extra batteries, sunken cell.....each .30
No. 1202E (118E)—Extra carbon bulbs, 3½ volt.....each .35



3½×2¾×1 Inch, Fibre Case, Nickel Trimmings.

No. 6509E (25E)—Fitted with No. 502E battery and No. 1202E-3½ volt carbon bulb, w't 8 oz.....each $1.25
No. C6509E—Fitted with No. 1202-3½ volt carbon bulb, *without battery*, each..... .95
No. 502E (180E)—Extra batteries, sunken cell.....each .30
No. 1202E (118E)—Extra carbon bulbs, 3½ volt.....each .35

The feature of this flashlight is that it has a snap switch, giving permanent light when desired.

3½×1×1⅞ Inch, Metal Case, Cloth Covered, Nickel Trimmings.

No. 6602E—Fitted with No. 592E battery and No. 1497E-2½ volt Osram bulb, w't 6 oz.....each $1.25
No. C6602E—Fitted with No. 1497E-2½ volt Osram bulb, *without battery*, each..... 1.00
No. 592E—Extra batteries.....each .25
No. 6802E—Fitted with No. 692E Merchlor battery and No. 1497E-2½ volt Osram bulb, w't 6 oz.....each 1.50
No. C6802E—Fitted with No. 1497E-2½ volt Osram bulbs, *without battery*, each..... 1.15
No. 692E—Extra Merchlor batteries, each..... .35
No. 1497E—Extra Osram bulbs, 2½ volt.....each .50

ONE IN A BOX.

VEST POCKET.

3½×2¾×1 Inch, Fibre Case, Nickel Trimmings.

No. 6809E—Fitted with No. 603E Merchlor battery and No. 1490E-3½ volt Osram bulbs, w't 8 oz.....each $1.75
No. C6809E—Fitted with No. 1490E-3½ volt Osram bulb, *without battery*, each..... 1.40
No. 603E—Extra Merchlor batteries, each..... .35
No. 1490E—Extra Osram bulbs, 3½ volt.....each .50

EVER READY.

5×1¼ Inches, Fibre Cover, Nickel Trimmings.

No. 2702E—Fitted with No. 591E battery and No. 1497E-2½ volt Osram bulb, w't 6 oz.....each $1.50
No. C2702E—Fitted with No. 1497E-2½ volt Osram bulb, *without battery*, each..... 1.25
No. 591E—Extra batteries.....each .25
No. 2902E—Fitted with No. 691E Merchlor battery and No. 1497E-2½ volt Osram bulb, w't 6 oz.....each 1.75
No. C2902E—Fitted with No. 1497E-2½ volt Osram bulb, *without battery*, each..... 1.40
No. 691E—Extra Merchlor batteries, each..... .35
No. 1497E—Extra Osram bulbs, 2½ volt.....each .50

6½×1½ Inches, Fibre Cover, Nickel Trimmings, Glove Fastener Contact.

No. 2704E—Bulldog, fitted with No. 590E battery and No. 1497E-2½ volt Osram bulb, w't 13 oz.....each $2.00
No. C2704E—Bulldog, fitted with No. 1497E-2½ volt Osram bulb, *without battery*.....each 1.75
No. 590E—Extra batteries..... " .25
No. 2904E—Bulldog, fitted with No. 690E Merchlor battery and No. 1497E-2½ volt Osram bulb, w't 13 oz...each 2.25
No. C2904E—Bulldog, fitted with No. 1497E-2½ volt Osram bulb, *without battery*.....each 1.90
No. 690E—Extra Merchlor batteries, each..... .35
No. 1497E—Extra Osram bulbs, 2½ volt, each..... .50

NEW COMET.

8½×1½ Inches, Metal Case, Cloth Cover, Nickel Trimmings Continuous or Flash.

No. 2526E (55E)—Fitted with No. 505E battery and No. 1303E-3½ volt carbon bulb, w't 16 oz.....each $1.25
No. C2526E—Fitted with No. 1303E-3½ volt carbon bulb, *without battery*.....each 95
No. 505E (10E)—Extra batteries.. " .30
No. 1303E (110E)—Extra carbon bulbs, 3½ volt.....each .35

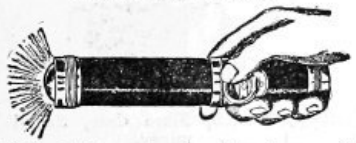
ONE IN A BOX

TEN FLASHLIGHT CASES IN A STANDARD PACKAGE.

ELECTRIC FLASHLIGHTS.

For Special Information, see page 2506.

EVER READY.



8½×1½ Inches, Leatherette Cover, Nickel Trimmings, Permanent Contact.

No. 2504E (1E)—Fitted with No. 505E battery and No. 1303E-3½ volt carbon bulb, w't 20 oz ..... each $1.50

No. C2504E —Fitted with No. 1303E-3½ volt carbon bulb, *without battery* ..... each 1.20

No. 1303E (110E)—Extra carbon bulbs, 3½ volt ..... each .35

No. 2706E —Fitted with No. 505E battery and No. 1493E-3½ volt Osram bulb, w't 20 oz ..... each 2.00

No. C2706E —Fitted with No. 1493E-3½ volt Osram bulb, *without battery* ..... each 1.70

No. 505E (10E) —Extra batteries.. " .30

No. 2906E —Fitted with No. 605E Merchlor battery and No. 1493E-3½ volt Osram bulb, w't 20 oz., each..... 2.25

No. C2906E —Fitted with No. 1493E-3½ volt Osram bulb, *without battery* ..... each 1.85

No. 605E —Extra Merchlor batteries..... each .40

No. 1493E —Extra Osram bulbs, 3½ volt..... each .50

11×1½ Inches, Leatherette Cover, Nickel Trimmings, Permanent Contact.

No. 2506E (2E)—Fitted with No. 511E battery and No. 1303E-3½ volt carbon bulb, w't 21 oz ..... each $2.00

No. C2506E —Fitted with No. 1303E-3½ volt carbon bulb, *without battery*, each..... 1.70

No. 1303 (110E)—Extra carbon bulbs, 3½ volt ..... each .35

No. 2708E —Fitted with No. 511E battery and No. 1493-3½ volt Osram bulb, w't 21 oz ..... each 2.50

No. C2708E —Fitted with No. 1493E-3½ volt Osram bulb, *without battery*, each 2.20

No. 511E (20E)—Extra batteries..each .30

No. 1493E —Extra Osram bulbs, 3½ volt..... each .50

13×1½ Inches, Leatherette Cover, Nickel Trimmings, Permanent Contact.

No. 2503E (3E)—Fitted with No. 515E battery and No. 1365E-5½ volt carbon bulb, w't 24 oz..... each $2.50

No. C2503E —Fitted with No. 1365E-5½ volt carbon bulb, *without battery*..... each 2.00

No. 1365E (130E)—Extra carbon bulbs, 5½ volt ..... each .35

No. 2710E —Fitted with No. 515E battery and No. 1495E-5½ volt Osram bulb, w't 24 oz ..... each 3.00

No. C2710E—Fitted with No. 1495E-5½ volt Osram bulb, *without battery*..... each 2.50

No. 515 (30E)—Extra batteries..each .50

No. 1495E—Extra Osram bulbs, 5½ volt..... each .50

ONE IN A BOX.

IMPROVED.

8½×1½ Inches, Fibre Cover, Nickel Trimmings, Improved Catch.

No. 2510E (4½E)—Fitted with No. 505E battery and No. 1303E-3½ volt carbon bulb, w't 17 oz ..... each $2.00

No. C2510E —Fitted with No. 1303E-3½ volt carbon bulb, *without battery*..... each 1.70

No. 1303E (110E)—Extra carbon bulbs, 3½ volt ..... each .35

No. 2712E —Fitted with No. 505E battery and No. 1493E-3½ volt Osram bulb, w't 17 oz ..... each 2.50

No. C2712E —Fitted with No. 1493E-3½ volt Osram bulb, *without battery*..... each 2.20

No. 505E (10E) —Extra batteries.. " .30

No. 2912E —Fitted with No. 605E Merchlor battery and No. 1493E-3½ volt Osram bulb, w't 17 oz..... each 2.75

No. C2912E —Fitted with No. 1493E-3½ volt Osram bulb, *without battery*..... each 2.35

No. 605E —Extra Merchlor batteries..... each .40

No. 1493E —Extra Osram bulbs, 3½ volt..... each .50

11×1½ Inches, Fibre Cover, Nickel Trimmings Improved Catch.

No. 2512E (5½E)—Fitted with No. 511E battery and No. 1303E-3½ volt carbon bulb, w't 21 oz ..... each $2.50

No. C2512E —Fitted with No. 1303E-3½ volt carbon bulb, *without battery*,..... each 2.20

No. 1303E (110E)—Extra carbon bulbs, 3½ volt ..... each .35

No. 2714E —Fitted with No. 511E battery and No. 1493E-3½ volt Osram bulb, w't 23 oz ..... each 3.00

No. C2714E —Fitted with No. 1493E-3½ volt Osram bub, *without battery*..... each 2.70

No. 511E (20E)—Extra batteries.. " .30

No. 1493E —Extra Osram bulbs, 3½ volt..... each .50

13×1½ Inches, Fibre Cover, Nickel Trimmings, Improved Catch.

No. 2514E (6½E)—Fitted with No. 515E battery and No. 1365E-5½ volt carbon bulb, w't 25 oz ..... each $3.00

No. C2514E —Fitted with No. 1365E-5½ volt carbon bulb, *without battery*..... each 2.50

No. 1365E (130E)—Extra carbon bulbs, 5½ volt ..... each .35

No. 2716E —Fitted with No. 515E battery and No. 1495E-5½ volt Osram bulb, w't 27 oz ..... each 3.50

No. C2716E —Fitted with No. 1495E-5½ volt Osram bulb, *without battery*..... each 3.00

No. 515E (30E) —Extra batteries.. " 50

No. 1495E —Extra Osram bulbs, 5½ volt..... each .50

ONE IN A BOX.

MINERS'.

8½×1½ Inches, Fibre Cover, Nickel Trimmings, Large Lens, Highly Polished Reflector.

No. 2518E (14½E)—Fitted with No. 505E battery and No. 1303E-3½ volt carbon bulb, w't 22 oz..... each $2.75

No. C2518E —Fitted with No. 1303E-3½ volt carbon bulb, *without battery*..... each 2.45

No. 1303E (110E)—Extra carbon bulbs, 3½ volt ..... each .35

No. 2719E —Fitted with No. 505E battery and No. 1493E-3½ volt Osram bulb, w't 20 oz ..... each 3.50

No. C2719E —Fitted with No. 1493E-3½ volt Osram bulb, *without battery*..... each 3.20

No. 505E (10E) —Extra batteries. " .30

No. 2919E —Fitted with No. 605E Merchlor battery and No. 1493E-3½ volt Osram bulb, w't 20 oz..... each 3.75

No. C2919E —Fitted with No. 1493E-3½ volt Osram bulb, *without battery*..... each 3.35

No. 605E —Extra Merchlor batteries..... each .40

No. 1493E —Extra Osram bulbs, 3½ volt..... each .50

11×1½ Inches, Fibre Cover, Nickel Trimmings, Large Lens, Highly Polished Reflector.

No. 2520E (15½E)—Fitted with No. 511E battery and No. 1303E-3½ volt carbon bulb, w't 26 oz..... each $3.25

No. C2520E —Fitted with No. 1303E-3½ volt carbon built, *without battery*..... each 2.95

No. 1303E (110E)—Extra carbon bulbs, 3½ volt ..... each .35

No. 2721E —Fitted with No. 511E battery and No. 1493E-3½ volt Osram bulb, w't 24 oz ..... each 4.00

No. C2721E —Fitted with No. 1493E-3½ volt Osram bulb, *without battery*..... each 3.70

No. 511E (20E) —Extra batteries.. " .30

No. 1493E —Extra Osram bulbs, 3½ volt..... each .50

13×1½ Inches, Fibre Cover, Nickel Trimmings, Large Lens, Highly Polished Reflector.

No. 2522E (16½E)—Fitted with No. 515E battery and No. 1365E-5½ volt carbon bulb, w't 31 oz..... each $3.75

No. C2522E —Fitted with No. 1365E-5½ volt carbon bulb, *without battery*..... each 3.25

No. 1365E (130E)—Extra carbon bulbs, 5½ volt..... each .35

No. 2723E —Fitted with No. 515E battery and No. 1495E-5½ volt Osram bulb, w't 28 oz..... each 4.50

No. C2723E —Fitted with No. 1495E-5½ volt Osram bulb, *without battery*..... each 4.00

No. 515E (30E) —Extra batteries.each .50

No. 1495E —Extra Osram bulbs, 5½ volt..... each .50

ONE IN A BOX.

The batteries are manufactured by an entirely new principle in dry cells. The tiny battery in combination with the Osram bulb, will give greater light, longer service and will stand much longer on the shelf without losing strength than old style batteries several times larger.

The lamps furnished in these lights have filaments of Osram which is a perfected Tungsten.

The filament is finely drawn metal, cross-sectioned to allow great length of wire and maximum concentration of light. The high point of fusibility permits of greater incandescence than ever before obtained. The bulbs are mushroom shaped and tipless. The lower half is of opal glass which acts as a reflector and owing to the wonderfully brilliant, white light a lens is entirely unnecessary.

TEN FLASHLIGHT CASES IN A STANDARD PACKAGE.

BATTERIES, CONNECTORS AND AMMETERS.

DRY BATTERIES.

No. 300E—AJAX, 1½ volts, 2½×6 in., 12 to 15 amperes, designed for telephone service, call bell, burglar alarm, etc., w't 2 lbs.....each $0.40

ONE HUNDRED AND TWENTY-FIVE IN A BARREL.

"REV-O-NOC."

No. 700E REV-O-NOC—1½ volts, 2½×6 in., 15 to 18 amperes, for use with telephones, gas engines, automobiles and wherever intermittent service of the highest efficiency is needed, w't 2 lbs., each.....$0.50

ONE HUNDRED AND TWENTY-FIVE IN A BARREL.

BATTERY BOXES.

No. 7E—PARAGON, for telephone and electric bell work, holds 2 standard size (No. 6) dry cells, sheet steel box, japanned, lined with insulating fibre, holes at top and bottom for leading wires, cover attached to box by nickel plated chain.....each $1.00

Used with desk or hotel types of local battery telephones, or in electric bell installations, provides a neat receptacle for the batteries which are generally left exposed and unprotected.

It prevents broken connections and protects the carbons, which frequently are broken when batteries are knocked over. It also keeps the batteries free from dust and dirt.

It can be fastened in any convenient place and may be attached to wall, post, desk or any desired surface. Can be removed to renew batteries, without removing screws.

DRY BATTERIES.

No. 406E (No. 160J)—EVER READY, round carton, style "J," 2½×6 in., 1⁶⁄₁₀ volts, 22 to 25 amperes, for use on automobiles, gas and gasoline engines, motorcycles, telephone work, etc., w't 2½ lbs.....each $0.60

No. 407E (No. 170K)—EVER READY, round carton, style "K," 3×7 in., 1⁶⁄₁₀ volts, 27 to 30 amperes, for use on automobiles, gas and gasoline engines, motor cycles, etc., w't 3¾ lbs.....each 1.20

No. 413E—Style "L," 3½×8 in., 30 to 35 amperes, otherwise same as No. 407E.....each 1.60

NO. 406E, ONE HUNDRED AND TWENTY-FIVE; NO. 407E, SEVENTY-FIVE; NO. 413E, FIFTY IN A BARREL.

No. 1406E—EVER READY, square carton, 2½×2½ in., 1⁶⁄₁₀ volts, 22 to 25 amperes, for use on automobiles, gas and gasoline engines, motor cycles, telephone work, etc., w't 2½ lbs.....each $0.60

ONE HUNDRED AND TWENTY-FIVE IN A BARREL.

BATTERY CONNECTORS.

No. 1071E—BULL DOG, 4½ in., safe, strong and reliable.....per 100 $10.00

TEN IN A BOX.

No. 1070E—QUICK ACTION.....per 100 $4.00

Is made of one piece of annealed copper, perfectly and permanently insulated; the attaching ends are ribbed to provide stiffness and cushion; the opening is a slot, making attachment to battery post easy and quick; the point is turned up to prevent complete disconnection if nut backs off, is clean and white.

ONE HUNDRED IN A BOX.

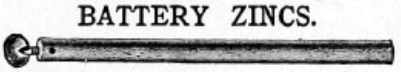
WET BATTERIES.

Carbon Cylinder.

No. 200E—Battery complete.....each $0.50
No. 202E—Carbon cylinder..... " .30
No. 203E—Jars..... " .12
No. 204E—Zinc and rubber ring..... " .06
No. 205E—Sal ammoniac, ¼ lb. packages.....per pound .30

The most powerful, efficient, and economical low-priced open circuit battery on the market. We use only the very best carbon cylinders.

BATTERY ZINCS.



No. 55E—Round, plain, copper thumb screws.....each $0.06

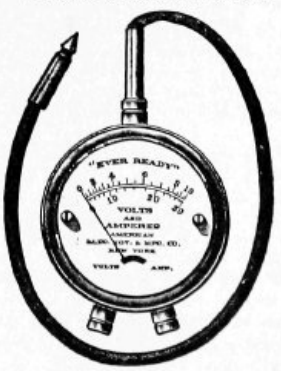
No. 65E—Square, plain, copper thumb screws.....each $0.06

AMMETERS.

No. 1E—2⅛ in., nickel plated.....each $3.00

The most accurate pocket-size instrument on the market. Can be applied to either binding post of the battery, as it indicates in either direction of current.

VOLT-AMMETERS.



No. 8E—2 in., nickel plated combination, hand calibrated, accurate.....each $4.00

This is the most efficient and convenient meter on the market. Has two scales, the top reading in volts, 0 to 10, and the lower reading in amperes, 0 to 30. Has flexible contact for reading across several cells.

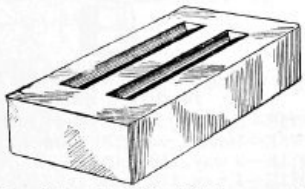
SAL AMMONIAC, TAPES, SOLDERING STICKS, ETC.

SAL AMMONIAC.

Powdered, Imported, 99 Per Cent Pure.

No. 910E—In bulk. .....per pound $0.20
No. 912E— 5 lb. packages.... " .23
No. 911E— 1 lb. packages.... " .23
No. 205E—¼ lb. packages.... " .30
No. 913E—Lump in bulk, for soldering, per pound..... .25

ABOUT SIX HUNDRED POUNDS IN A CASK.



No. 915E—Cake 4×2⅜×1⅞ in...each $0.20

These are specially grooved to take the soldering iron and are recommended for tinners, plumbers and all kinds of soldering work.

INSULATED TAPE.

For Electrical Work.

No. 60E—AJAX, friction, ¾ in., per pound $0.50
HALF POUND ROLLS IN CARTONS.

No. 62E REVONOC—Friction, ¾ in., per pound..... $1.00
HALF POUND ROLLS IN A TIN BOX.

No. 64E—Rubber, ¾ in.....per pound $1.00
HALF POUND ROLLS IN A CARTON.

Ajax Tape is the best medium priced tape on the market and is used extensively by electrical contractors, electric light plants and telephone companies. "Rev-o-noc" is a much higher grade.

No. 65E—WALPOLE, friction, ¾ in., per pound..... $1.25
HALF POUND ROLLS IN A TIN BOX.

No. 277E—NEPONSET, rubber, ¾ in., per pound..... $1.25
HALF POUND ROLLS IN A CARTON.

These are the highest grade, best quality, and equal to any on the market regardless of price.

LEATHER NAIL HEADS.

No. 3635E.....per thousand $1.00

A small leather ring or washer for use with porcelain insulators and cleats where it is desired to fasten them with nails instead of screws.

ONE THOUSAND IN PACKAGE.

SOLDERING PASTE.

No. 401E—ALLEN'S, in 2 oz. boxes, per box..... $0.25
No. 402E—ALLEN'S, in ½ lb. boxes, per box..... .45
No. 403E—ALLEN'S, in 1 lb. boxes, per box..... .80
No. 404E—ALLEN'S, in 5 lb. boxes, per box..... 3.25

No. 93E—CRESCENT, in 2 oz. boxes, per box..... $0.25

Crescent Soldering Paste is an oleate, not an acid. It is a clean, efficient and economical flux.

SOLDERING STICKS.

No. 400E—ALLEN'S.....per stick $0.25

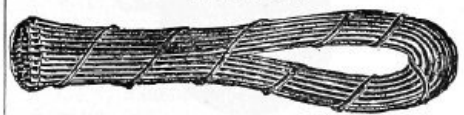
No. 92E—CRESCENT.....per stick $0.20

These sticks are non-corrosive and efficient, economical and quick acting. They are not hard or brittle, and will not crumble.

SOLDERING SALTS.

No. 3405E—ALLEN'S, ½ lb. bottles, each $0.30
No. 3406E—ALLEN'S, 1 lb. bottles, " .40
No. 3407E—ALLEN'S, 5 lb. bottles, " 2.00

SOLDER.



No. 81E—Wire..... per pound $0.50

No. 83E—Bar.....per pound $0.40

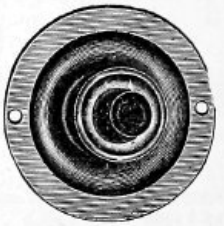
PUSH BUTTONS.

2⅜ Inch.

No. 441E—Natural oak.....each $0.15
No. 442E—Antique oak..... " .15
No. 443E—Walnut..... " .15
No. 444E—Ash..... " .15
No. 445E—Cherry..... " .15

3 Inch, Pear Shape.

No. 43E—Oak.....each $0.20
No. 46E—Walnut..... " .20



2½ Inch.

No. 9595E—Light bronze, pressed metal, each..... $0.25
No. 9598E—Oxidized copper, pressed metal.....each .30

2½ Inch.

No. 9600E—Light bronze, pressed metal, each..... $0.25
No. 9603E—Oxidized copper, pressed metal.....each .30

No. 999E—LIBERTY, 1¾ in., black with white center.....each $0.20

A moulded composition button of hard rubber finish. Better than wood or metal. It will not rust, contacts will not loosen and the mechanical details are perfect.

PUSHES, SWITCHES, ETC.

TABLE PUSHES.

No. 1261E—Nickel plated, pearl center.....each $0.50

No. 1262E—Nickel plated, black center.....each $0.50

FLOOR PUSHES.

No. 1263E—Nickel plated.....each $0.40

Used under dining room table for signaling servant.

No. 1264E—Nickel plated, combination.....each $0.50

Same as 1263E with extension attachment for connecting with table push.

FLOOR TREADS.

No. 1150E—4 in., reliable, brass finish, felt covered base.....each $0.75

Although snugly hidden under the rug it can readily be found and signal instantly made upon the slightest pressure with foot at any point. This distinct advantage is due to its full, round shape and simple construction.

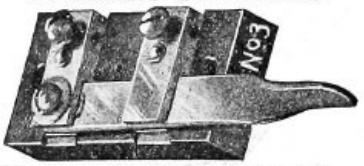
CORD NOT INCLUDED.

"NOSCRU" MIDGET PUSHES.

No. 133E—Senior, for ¾ in. hole, celluloid center.....each $0.25
No. 134E—Senior, for ¾ in. hole, pearl center.....each .35
No. 135E—Junior, for ⅝ in. hole, celluloid center.....each .25
No. 136E—Junior, for ⅝ in. hole, pearl center.....each .35
No. 137E—Pee-Wee, for ⅜ in. hole, pearl center.....each .25

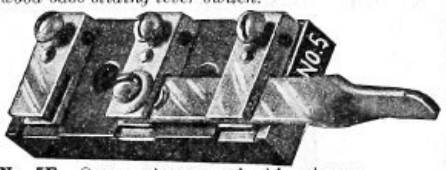
The "Noscru" pushes require no tools to install and can be connected in a moment. Have frictional contact direct on the wires, making a clean and positive contact every time button is pressed.

BATTERY SWITCHES.



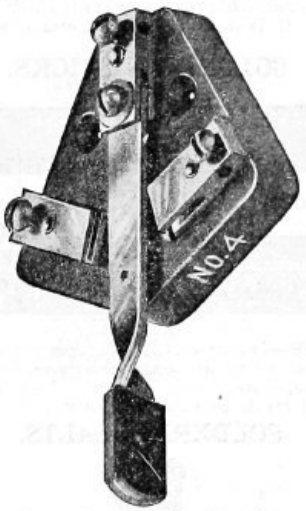
No. 3E—Quick Action, single throw, solid brass contacts, copper lever, composition base, 2⅛ in. long by 1 in. wide by ⅜ in. thick, *plain handle*.....each $0.20
No. 13E—*Insulated handle*, otherwise same as No. 3E.....each .22

This is the switch that has displaced the round wood base sliding lever switch.



No. 5E—Quick Action, double throw, solid brass contacts, copper lever, composition base, 2¾ by 1 by ⅜ in. thick, *plain handle*.....each $0.30
No. 15E—*Insulated handle*, otherwise same as No. 5E.....each .32

Used for two sets of batteries or battery and magneto.



No. 4E—Quick Action, double throw, launch, solid brass contacts, copper lever, composition base, *plain handle* each.....$0.50
No. 14E—*Insulated handle*, otherwise same as No. 4E.....each .52

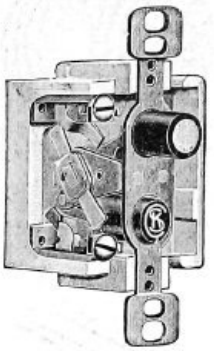
The lever is held at the neutral point by its own spring. The throw from one contact to another is rapid as the distance is small, so as not to cause misfire.

WOOD BASE SWITCHES.

Round, Wood Base, 2⅝ Inch Diameter.

No. 461E—1 point switch.....each $0.25
No. 462E—2 point switch..... " .28
No. 463E—3 point switch..... " .30
No. 464E—4 point switch..... " .35
No. 465E—5 point switch..... " .40
No. 466E—6 point switch..... " .45

NEW ENGLAND PUSH SWITCHES.



10 Amperes, Length 2¾ Inches, Width 1¾ Inches, Depth 1½ Inches.

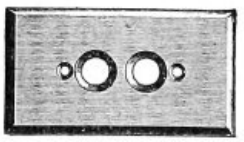
No. 2972E—Single pole, 250 volts..each $0.72
No. 2973E—Double pole, 220 volts. " 1.00
No. 2974E—3 way, 250 volts..... " 1.00
No. 2971E—4 way, 110 volts..... " 3.25
No. 12973E—Double pole, lock with key, 220 volts.....each 1.50
No. 972E—Extra key for No. 12973E switch.....each .15

These prices do not include plates. For prices on same see below.

The mechanism of the New England push switch is actuated by a coiled spring which is in compression only and is not strained torsionally and is removable. The simplicity of this switch will appeal to any man of a mechanical turn of mind and will prove to him conclusively the truth of the foregoing statements.

ONE HUNDRED ASSORTED IN A STANDARD PACKAGE.

PLATES FOR ABOVE PUSH SWITCHES.



Struck Up Pattern for One Switch, 4½×2¾ Inches.

No. 4972E—Nickel finish.....each $0.27
No. 14972E—Brush brass finish..... " .27
No. 24972E—Oxidized copper finish. " .27

Struck Up Pattern for Two Switches, 4½×4 9-16 Inches.

No. 4973E—Nickel finish.....each $0.54
No. 14973E—Brush brass finish..... " .54
No. 24973E—Oxidized copper finish. " .54

Struck Up Pattern for Three Switches, 4½×6⅜ Inches.

No. 4974E—Nickel finish.....each $0.81
No. 14974E—Brush brass finish..... " .81
No. 24974E—Oxidized copper finish. " .81

Struck Up Pattern for Four Switches, 4½×8 3-16 Inches.

No. 4975E—Nickel finish.....each $1.40
No. 14975E—Brush brass finish..... " 1.40
No. 24975E—Oxidized copper finish. " 1.40

ONE HUNDRED SINGLE PLATES OR THE EQUIVALANT IN GANGS MAKE A STANDARD PACKAGE.

ANTI-WOOD SWITCHES.

Round, Metal Base, 2½ Inches Diameter, Fibre Insulator, Strong and Durable.

No. 551E—1 point switch.....each $0.30
No. 552E—2 point switch..... " .35
No. 553E—3 point switch..... " .40

PERKINS' SWITCHES AND PLATES.

SNAP SWITCHES.

National Code, 250 Volts.

No. 2000E— 5 amperes, 2 in. diam., single pole, slotted base.....each $0.28
No. 2220E— 5 amperes, 2 in. diam., single pole, solid base for concealed wiring, each ..... .28
No. 2001E—10 amperes, 2¼ in. diam., single pole, slotted base.....each .40
No. 2221E—10 amperes, 2¼ in. diam., single pole, solid base for concealed wiring.....each .40

NOS. 2000E AND 2220E, TWO HUNDRED FIFTY; NOS. 2001E AND 2221E, ONE HUNDRED IN A STANDARD PACKAGE.

National Code, 250 Volts.

No. 2035E— 5 amperes, 2 in. diam., single pole, *indicating*, solid base for concealed wiring.....each $0.32
No. 2036E—10 amperes, 2¼ in. diam., single pole, *indicating*, solid base for concealed wiring.....each .45

NO. 2035E, TWO HUNDRED AND FIFTY; NO. 2036E, ONE HUNDRED IN A STANDARD PACKAGE.

National Code, 250 Volts.

No. 2009E—10 amperes, 2½ in. diam., double pole, solid base.....each $0.66
No. 2017E—10 amperes, 2½ in. diam., double pole, slotted base.....each .66

ONE HUNDRED IN A STANDARD PACKAGE.

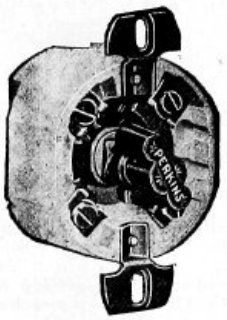
THREE POINT SWITCHES.

National Code, 250 Volts.

No. 2175E— 5 amperes, 2 in. diam., solid base.....each $0.56
No. 2176E—10 amperes, 2½ in. diam., solid base.....each .66

NO. 2175E, ONE HUNDRED; NO. 2176E, FIFTY IN A STANDARD PACKAGE.

ROTARY SWITCHES.



National Code, 250 Volts.

No. 2093E—5 amperes, diam. 2⅜, depth 1½ in., single pole, round cup, gang switch.....each $0.62
No. 2095E—10 amperes, diam. 2⅜, depth 1½ in., double pole, round cup, gang switch.....each 1.05

These prices do not include plates. For prices on same see below.

NO. 2093E, ONE HUNDRED; NO. 2095E, FIFTY IN A STANDARD PACKAGE.

ROTARY SWITCH PLATES.

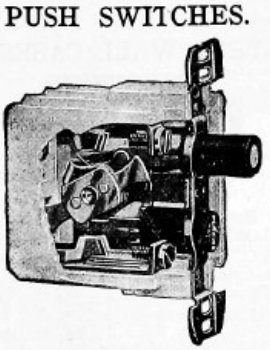
For Nos. 2093E and 2095E Flush Switches.

No. 2219E—4×2¾ in., nickel finish, for one switch.....each $0.53
No. 12219E—4×2¾ in., brass finish, for one switch.....each .53
No. 22219E—4×2¾ in., oxidized copper finish, for one switch.....each .63

Plates for any number of gangs and in any finish can be furnished on application.

ONE HUNDRED IN A STANDARD PACKAGE.

PUSH SWITCHES.



National Code, 250 Volts.

No. 2201E—10 amperes, length 2¾, width 1¾, depth 2¼ in., single pole, push button gang.....each $0.72

This price does not include plate. For price on same see next column.

ONE HUNDRED IN A STANDARD PACKAGE.

PUSH SWITCH PLATES.

For One Switch.

No. 3165E—4½×2¾ in., nickel finish, each..... $0.35
No. 13165E—4½×2¾ in., brush brass finish.....each .35
No. 23165E—4½×2¾ in., oxidized copper finish.....each .45

We can furnish plates in any finish for 2 to 6 switches, and will quote prices on request.

ONE HUNDRED IN A STANDARD PACKAGE.

PENDENT SWITCHES.

No. 2250E—5 amperes, single pole ⅛ in., polished brass.....each $0.50
No. 2251E—10 amperes, single pole ⅛ in., polished brass.....each .80

Used for controlling incandescent clusters and fixtures.

ONE HUNDRED IN A STANDARD PACKAGE.

No. 2359E—10 amperes, single pole pendent cap.....each $0.80

This switch is for pendent work only and is provided with a double bushing suitable for as large as No. 16 National code lamp cord. Underwriters' rating is 6 amperes, 125 volts; 3 amperes, 250 volts.

ONE HUNDRED IN A STANDARD PACKAGE.

HART SWITCHES, SWITCH PLATES AND WALL CASES.

SNAP SWITCHES.

250 Volts, Single Pole.

No. 2148E—5 amperes, diam. 2 in., closed base, plain cover.....each $0.28
No. 2161E—5 amperes, diam. 2 in., open base, plain cover.....each .28
No. 2162E—5 amperes, diam. 2 in., closed base, indicating cover.....each .32
No. 2163E—5 amperes, diam. 2 in., open base, indicating cover.....each .32

TWO HUNDRED FIFTY-TWO IN A STANDARD PACKAGE.

Single Pole Indicating Covers, 250 Volts.

No. 220E— 5 amperes, diam. 2⅛ in., closed base.....each $0.40
No. 320E— 5 amperes, diam. 2⅛ in., open base.....each .40
No. 221E—10 amperes, diam. 2½ in., closed base.....each .54
No. 321E—10 amperes, diam. 2½ in., open base.....each .54

ONE HUNDRED TWO IN A STANDARD PACKAGE.

Double Pole Indicating Covers, 250 Volts.

No. 222E—10 amperes, diam. 2½ in., closed base.....each $0.76
No. 322E—10 amperes, diam. 2½ in., open base.....each .76
No. 432E—20 amperes, diam. 3 in., closed base.....each 1.30
No. 532E—20 amperes, diam. 3 in., open base.....each 1.30

NOS. 222E AND 322E, ONE HUNDRED TWO; NOS. 432E AND 532E, THIRTY IN A STANDARD PACKAGE.

THREE WAY SWITCHES.

250 Volts, Not Indicating.

No. 23E—10 amperes, diam. 2½ in., closed base.....each $0.66
No. 123E—10 amperes, diam. 2½ in., open base.....each .66

FIFTY-FOUR IN A STANDARD PACKAGE.

FOUR WAY COMMUTATION.

250 Volts, Not Indicating.

No. 24E—10 amperes, diam. 2½ in., closed base.....each $0.86
No. 124E—10 amperes, diam. 2½ in., open base.....each .86

THIRTY IN A STANDARD PACKAGE.

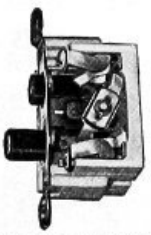
ELECTROLIER SWITCHES.

250 Volts, Not Indicating.

No. 229E—10 amperes, diam. 2½ in., 2 section closed base.....each $0.86
No. 225E—10 amperes, diam. 2½ in., 3 section closed base.....each .86

THIRTY IN A STANDARD PACKAGE.

PUSH SWITCHES.

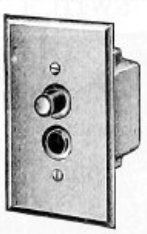


No. 2081E—10 amperes, length 2¾, width 1¾, depth 1½ in., single pole, 250 volts.....each $0.72
No. 2082E—10 amperes, length 2¾, width 1¾, depth 1½ in., double pole, 220 volts.....each 1.00
No. 2083E—10 amperes, length 2¾, width 1¾, depth 1½ in., 3 way, 250 volts, each..... 1.00
No. 2084E—10 amperes, length 2¾, width 1¾, depth 1½ in., 4 way, 110 volts, each..... 3.25

These prices do not include plates. For prices on same see below.

NO. 2081E, ONE HUNDRED; NOS. 2082E, 2083E, FIFTY; NO. 2084E, TEN IN A STANDARD PACKAGE.

PUSH SWITCH PLATES.



Struck up Style. For One Switch.

No. 1701E—4½×2¾ in., nickel finish, each..... $0.27
No. 1702E—4½×2¾ in., brush brass, each .27
No. 1703E—4½×2¾ in., oxidized copper, each..... .27

For Two Switches.

No. 1704E—4½×4 5/16 in., nickel finish, each..... $0.51
No. 1705E—4½×4 5/16 in., brush brass, each .51
No. 1706E—4½×4 5/16 in., oxidized copper, each..... .51

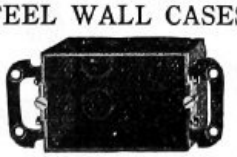
For Three Switches.

No. 1707E—4½×6⅜ in., nickel finish, each..... $0.81
No. 1708E—4½×6⅜ in., brush brass, each .81
No. 1709E—4½×6⅜ in., oxidized copper, each..... .81

We can furnish plates in any finish for 4, 5, or 6 switches and will quote prices on application.

ONE HUNDRED ASSORTED IN A STANDARD PACKAGE.

STEEL WALL CASES.

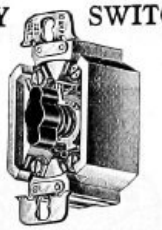


For Push Button and Rectangular Base Rotary Flash Switches and Receptacles.

	Stand pkg.	Each
No. 1E—Single case, 2×3×2¾ in.	50	$0.40
No. 2E—2 gang case, 3 1/16×3×2¾ in.	25	.70
No. 3E—3 gang case, 5 5/8×3×2¾ in.	25	1.00
No. 4E—4 gang case, 7 7/16×3×2¾ in.	10	1.30
No. 5E—5 gang case, 9 1/4×3×2¾ in.	5	1.60
No. 6E—6 gang case, 11 1/16×3×2¾ in.	5	1.90
No. 7E—7 gang case, 12 7/8×3×2¾ in.	5	2.30
No. 8E—8 gang case, 14 11/16×3×2¾ in.	5	2.50

Above cases are made in tandem vertical style also at same price as horizontal type. These cases are designed for use with flexible conduit—non metallic.

ROTARY SWITCHES.



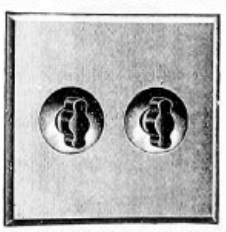
250 Volts.

No. 600E— 5 amperes, length 2¾, width 1¾, depth 1½ in., single pole....each $0.62
No. 601E—10 amperes, length 2¾, width 1¾, depth 1¼ in., single pole....each .71
No. 602E—10 amperes, length 2¾, width 1¾, depth 1¼ in., double pole...each 1.05
No. 603E—10 amperes, length 2¾, width 1¾, depth 1¼ in., 3 way.....each 1.05
No. 604E—10 amperes, length 2¾, width 1¾, depth 1¼ in., 4 way.....each 1.05
No. 605E—10 amperes, length 2¾, width 1¾, depth 1¼ in., 3 section, electrolier.....each 1.05
No. 609E—10 amperes, length 2⅝, width 1¾, depth 1⅝ in., 2 section, electrolier, each..... 1.05

These prices do not include plates. For prices on same see below.

NO. 600E, ONE HUNDRED; NOS. 601E TO 603E, FIFTY; BALANCE TEN IN A STANDARD PACKAGE.

ROTARY SWITCH PLATES.



For One Switch, 4½×2¾ Inches.

No. 1600E—Nickel finish.....each $0.53
No. 1601E—Brush brass..... " .53
No. 1602E—Oxidized copper..... " .63

For Two Switches, 4½×4 5/16 Inches.

No. 1603E—Nickel finish.....each $1.20
No. 1604E—Brush brass..... " 1.20
No. 1605E—Oxidized copper..... " 1.30

For Three Switches, 4½×6⅜ Inches.

No. 1606E—Nickel finish.....each $1.80
No. 1607E—Brush brass..... " 1.80
No. 1608E—Oxidized copper..... " 2.00

We can furnish plates in any finish for 4, 5, or 6 switches and will quote prices on application.

ONE HUNDRED ASSORTED IN A STANDARD PACKAGE.

RECEPTACLE PLUGS.

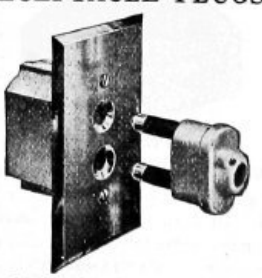


Plate 4½×2¾ Inches, Length of Receptacle 2⅝, Width 1¾, Depth 1½ Inches.

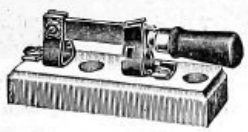
No. 42001E—Receptacle plug only..each $0.25
No. 42002E—Receptacle plate only.. " .65
No. 42033E—Receptacle base only.. " .50
No. 42034E—Receptacle complete... " 1.40

Large enough to permit the use of size 16 new code cord and sufficient space to permit a knot being tied in the cord. The screw holes are the same distance apart as in the push switches and the receptacle will fit in the same box.

TWENTY-FIVE IN A STANDARD PACKAGE.

KNIFE SWITCHES AND CUT-OUTS.

KNIFE SWITCHES.



National Code.

No. 1511E—15 amperes, 125 volts, single pole, single throw, porcelain base, each $0.32

No. 2511E—25 amperes, 250 volts, single pole, single throw, slate base.....each .46

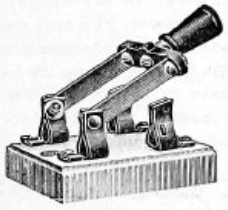
ONE HUNDRED IN A STANDARD PACKAGE.

National Code.

No. 1512E—15 amperes, 125 volts, single pole, double throw, porcelain base, each $0.60

No. 2512E—25 amperes, 250 volts, single pole, double throw, slate base....each .86

ONE HUNDRED IN A STANDARD PACKAGE.

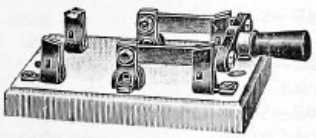


National Code.

No. 1521E—15 amperes, 125 volts, double pole, single throw, slate base.....each $0.50

No. 2521E—25 amperes, 250 volts, double pole, single throw, slate base.....each .68

ONE HUNDRED IN A STANDARD PACKAGE.



National Code.

No. 1522E—15 amperes, 125 volts, double pole, double throw, slate base....each $0.92

No. 2522E—25 amperes, 250 volts, double pole, double throw, slate base....each 1.26

FIFTY IN A STANDARD PACKAGE.

EDISON PLUG CUT-OUTS.

(National Code.)

250 Volts.

No. 62569E—2×3 in., single pole, main, 0 to 30 amperes.....each $0.18

ONE HUNDRED AND FIFTY IN A CASE.

250 Volts.

No. 62965E—3×3 in., double pole, main, 0 to 30 amperes.....each $0.30

ONE HUNDRED AND FIFTY IN A CASE.

250 Volts.

No. 8020E—3×3 in., double pole, cross over, 0 to 30 amperes.....each $0.36

ONE HUNDRED AND FIFTY IN A CASE.

250 Volts.

No. 61935E—3×4 in., double pole, single branch, 0 to 30 amperes.....each $0.32

ONE HUNDRED IN A CASE.

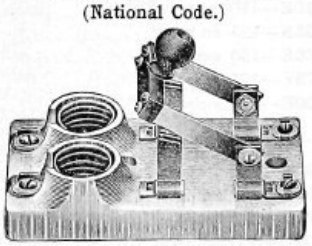
250 Volts.

No. 62587E—3×6 in., double pole, double branch, 0 to 30 amperes.....each $0.62

ONE HUNDRED IN A CASE.

COMBINATION SWITCH AND PLUG CUT-OUTS.

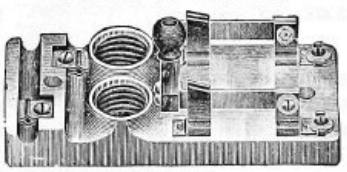
(National Code.)



125 Volts.

No. 1695E—5¾×3 in., 25 amperes, double pole, entrance switch.....each $0.90

ONE HUNDRED IN A CASE.



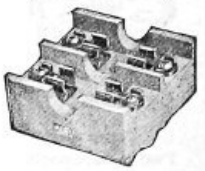
125 Volts.

No. 1694E—7½×3¼ in., 25 amperes, double pole, single branch panel switch, each.....$1.10

No. 1694E will be approved on a 250 volt circuit only when 250 volt fuses are used. See fuse casing No. 1945E and cartridge fuses for capacity. FIFTY IN A CASE.

ENCLOSED FUSE CUT-OUTS.

(National Code.)

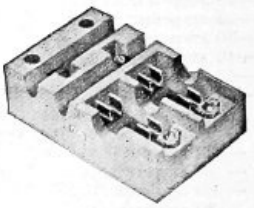


250 Volts.

No. 1917E—2¾×3½ in., two wire main, 1 to 30 amperes.....each $0.55

No. 1918E—3¾×5 in., two wire main, 31 to 60 amperes.....each 1.40

FIFTY IN A CASE.

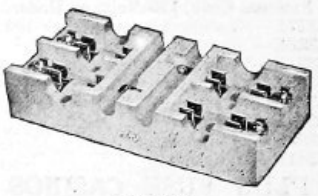


250 Volts.

No. 1919E—3×5 in., two wire single branch, 1 to 30 amperes.....each $0.70

No. 1920E—3¾×7 in., two wire single branch, 31 to 60 amperes.....each 1.75

FIFTY IN A CASE.

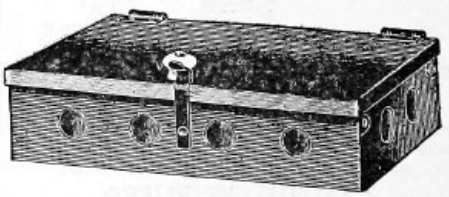


250 Volts.

No. 1922E—3×8 in., two wire double branch, 1 to 30 amperes.....each $1.30

TWENTY-FIVE IN A CASE.

SHEET STEEL CUT-OUT BOXES.



National Electrical Code Standard.

No. 1680E—12 in. long, 8 in. wide, 3½ in. deep.....each $1.20

No. 1681E—15 in. long, 8 in. wide, 3½ in. deep.....each 1.37

No. 1682E—18 in. long, 8 in. wide, 3½ in. deep.....each 1.54

No. 1683E—12 in. long, 10 in. wide, 3½ in. deep.....each 1.36

No. 1684E—15 in. long, 10 in. wide, 3½ in. deep.....each 1.55

No. 1685E—18 in. long, 10 in. wide, 3½ in. deep.....each 1.74

No. 1686E—12 in. long, 12 in. wide, 3½ in. deep.....each 1.92

No. 1687E—15 in. long, 12 in. wide, 3½ in. deep.....each 2.17

These cutout boxes are equipped with spring catch and knob, and are provided with ½ and ¾ in. knockouts. These knockouts are spaced 3 in. centers on the side of the box and 2 in. centers on the top and bottom.

CARTRIDGE FUSES, FUSE WIRE, PLUGS, ETC.

FUSE WIRE.

Two 8-oz. Spools.

No. 901E—	1 ampere	per pound	$1.10
No. 903E—	3 amperes	"	1.00

One Pound Spools.

No. 905E—	5 amperes	per pound	$1.00
No. 910E—	10 amperes	"	.80
No. 912E—	12 amperes	"	.80
No. 915E—	15 amperes	"	.75
No. 920E—	20 amperes	"	.75
No. 925E—	25 amperes	"	.75
No. 930E—	30 amperes	"	.75
No. 940E—	40 amperes	"	.75
No. 945E—	45 amperes	"	.75
No. 950E—	50 amperes	"	.75

Five Pound Spools.

No. 960E —	60 amperes	per pound	$0.70
No. 970E —	70 amperes	"	.70
No. 975E —	75 amperes	"	.70
No. 980E —	80 amperes	"	.70
No. 990E —	90 amperes	"	.70
No. 1000E—	100 amperes	"	.70

FUSE PLUGS.

National Code, 125 Volts or Under.

No. 66327E—	3 amperes	per 100	$7.00
No. 66329E—	6 amperes	"	7.00
No. 66331E—	10 amperes	"	7.00
No. 66333E—	12 amperes	"	7.00
No. 66335E—	15 amperes	"	7.00
No. 66337E—	20 amperes	"	7.00
No. 66339E—	25 amperes	"	7.00
No. 66341E—	30 amperes	"	7.00

PLUG FUSE CASINGS.

National Code, 250 Volts or Under.

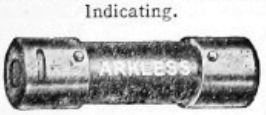
No. 1945E—For 0 to 30 amperes cartridge fuses ..... each $0.18

Fuses are not included with casings. Takes cartridge fuses Nos. 3103E to 3130E, according to amperes desired.

ONE HUNDRED IN A STANDARD PACKAGE.

CARTRIDGE FUSES.

Indicating.



National Code, Ferrule Contact Spring Clip Style, 250 Volts, 3-30 Amperes, 2×½ Inch.

No. 3103E—	3 amperes	each	$0.25
No. 3104E—	4 amperes	"	.25
No. 3105E—	5 amperes	"	.25
No. 3106E—	6 amperes	"	.25
No. 3107E—	7 amperes	"	.25
No. 3108E—	8 amperes	"	.25
No. 3110E—	10 amperes	"	.25
No. 3112E—	12 amperes	"	.25
No. 3115E—	15 amperes	"	.25
No. 3120E—	20 amperes	"	.25
No. 3125E—	25 amperes	"	.25
No. 3130E—	30 amperes	"	.25

FIFTY IN A CARTON AND ONE HUNDRED IN A STANDARD PACKAGE.

CARTRIDGE FUSES.

Cut Shows Spring Released, Indicating Fuse is Blown.

National Code, Ferrule Contact Spring Clip Style, 250 Volts, 31-60 Amperes, 3×¾ Inch.

No. 3135E—	35 amperes	each	$0.35
No. 3140E—	40 amperes	"	.35
No. 3145E—	45 amperes	"	.35
No. 3150E—	50 amperes	"	.35
No. 3155E—	55 amperes	"	.35
No. 3160E—	60 amperes	"	.35

TWENTY-FIVE IN A CARTON AND ONE HUNDRED IN A STANDARD PACKAGE.

Cut Shows Spring Released, Indicating Fuse is Blown.

National Code, Knife Blade Contact, 250 Volts, 65 to 100 Amperes, 4×1 Inch.

No. 3165E—	65 amperes	each	$0.90
No. 3170E—	70 amperes	"	.90
No. 3175E—	75 amperes	"	.90
No. 3180E—	80 amperes	"	.90
No. 3185E—	85 amperes	"	.90
No. 3190E—	90 amperes	"	.90
No. 3200E—	100 amperes	"	.90

110 to 200 Amperes, 4⅜×1½ Inch.

No. 3210E—	110 amperes	each	$2.00
No. 3225E—	125 amperes	"	2.00
No. 3250E—	150 amperes	"	2.00
No. 3275E—	175 amperes	"	2.00
No. 3300E—	200 amperes	"	2.00

225 to 400 Amperes, 4⅞×2 Inch.

No. 3325E—	225 amperes	each	$3.60
No. 3350E—	250 amperes	"	3.60
No. 3375E—	275 amperes	"	3.60
No. 3400E—	300 amperes	"	3.60
No. 3425E—	325 amperes	"	3.60
No. 3450E—	350 amperes	"	3.60
No. 3475E—	375 amperes	"	3.60
No. 3500E—	400 amperes	"	3.60

450 to 600 Amperes, 5⅞×2½ Inch.

No. 3550E—	450 amperes	each	$5.50
No. 3600E—	500 amperes	"	5.50
No. 3650E—	550 amperes	"	5.50
No. 3700E—	600 amperes	"	5.50

NOS. 3165E TO 3200E, TEN IN A CARTON AND FIFTY IN A STANDARD PACKAGE; NOS. 3210E TO 3500E, ONE IN A CARTON AND TWENTY-FIVE IN A STANDARD PACKAGE; NOS. 3550E TO 3700E, ONE IN A CARTON AND TEN IN A STANDARD PACKAGE.

CARTRIDGE FUSES.

National Code, Knife Blade Contact, 600 Volts, 3 to 30 Amperes, 4×¾ Inch.

No. 6003E—	3 amperes	each	$0.40
No. 6004E—	4 amperes	"	.40
No. 6005E—	5 amperes	"	.40
No. 6006E—	6 amperes	"	.40
No. 6008E—	8 amperes	"	.40
No. 6010E—	10 amperes	"	.40
No. 6012E—	12 amperes	"	.40
No. 6015E—	15 amperes	"	.40
No. 6020E—	20 amperes	"	.40
No. 6025E—	25 amperes	"	.40
No. 6030E—	30 amperes	"	.40

35 to 60 Amperes, 4¼×1 Inch.

No. 6035E—	35 amperes	each	$0.60
No. 6040E—	40 amperes	"	.60
No. 6045E—	45 amperes	"	.60
No. 6050E—	50 amperes	"	.60
No. 6055E—	55 amperes	"	.60
No. 6060E—	60 amperes	"	.60

65 to 100 Amperes, 5⅞×1¼ Inch.

No. 6065E—	65 amperes	each	$1.50
No. 6070E—	70 amperes	"	1.50
No. 6075E—	75 amperes	"	1.50
No. 6080E—	80 amperes	"	1.50
No. 6085E—	85 amperes	"	1.50
No. 6090E—	90 amperes	"	1.50
No. 6095E—	95 amperes	"	1.50
No. 6100E—	100 amperes	"	1.50

NOS. 6003E TO 6030E, TWENTY-FIVE IN A CARTON AND ONE HUNDRED IN A STANDARD PACKAGE; NOS. 6035E TO 6060E, TEN IN A CARTON AND ONE HUNDRED IN A STANDARD PACKAGE; NOS. 6065E TO 6100E, FIVE IN A CARTON AND FIFTY IN A STANDARD PACKAGE.

These are made so that when fuse is blown it indicates and can be easily found.

ARC LIGHT CARBONS.

COLUMBIA

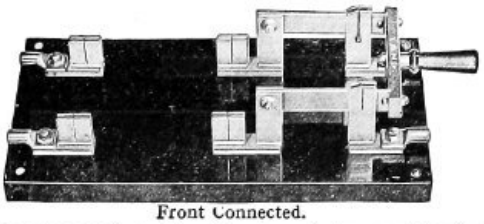
For Alternating and Direct Current Lamps.

No. 3000E—	Solid, 12×½ in., w't per thousand 140 lbs	per 1000	$55.00
No. 3001E—	Cored, 12×½ in., w't per thousand 140 lbs	per 1000	59.00
No. 3002E—	Solid, 12×$\frac{7}{16}$ in., w't per thousand 110 lbs	per 1000	46.00
No. 3003E—	Cored, 12×$\frac{7}{16}$ in., w't per thousand 110 lbs	per 1000	50.00
No. 3004E—	Solid, 9½×½ in., w't per thousand 120 lbs	per 1000	46.50
No. 3005E—	Cored, 9½×½ in., w't per thousand 120 lbs	per 1000	49.50
No. 3006E—	Solid, 12×⅜ in., w't per thousand 90 lbs	per 1000	44.00
No. 3007E—	Cored, 12×⅜ in., w't per thousand 90 lbs	per 1000	48.00

Direct current enclosed arc lamps use solid carbons in both upper and lower. Alternating current lamps use one cored and one solid.

FIFTY IN A BOX AND ONE THOUSAND IN A STANDARD PACKAGE.

LANG'S PARAGON SWITCHES.



Front Connected.

The "Paragon" has been designed for the purpose of meeting the demand for a substantial and durable knife switch which could be sold at a low price.

We do not wish it understood that the quality of material, the amount of copper or the general workmanship has been sacrificed; on the contrary, every part is carefully and conscientiously made.

These switches are manufactured in large quantities, which enables us to sell them at very low prices.

SINGLE POLE.

250 Volts, Without Fuse Extension.

Single Throw.

No. 7000E— 25 amperes	each	$0.88
No. 7001E— 50 amperes	"	1.32
No. 7002E— 75 amperes	"	1.76
No. 7003E—100 amperes	"	2.42
No. 7004E—150 amperes	"	3.52
No. 7005E—200 amperes	"	4.62
No. 7006E—300 amperes	"	6.18
No. 7007E—400 amperes	"	8.36
No. 7008E—500 amperes	"	11.00
No. 7009E—600 amperes	"	13.00

Double Throw.

No. 7030E— 25 amperes	each	$1.32
No. 7031E— 50 amperes	"	1.98
No. 7032E— 75 amperes	"	2.42
No. 7033E—100 amperes	"	3.30
No. 7034E—150 amperes	"	4.62
No. 7035E—200 amperes	"	6.60
No. 7036E—300 amperes	"	8.36
No. 7037E—400 amperes	"	11.22
No. 7038E—500 amperes	"	14.08
No. 7039E—600 amperes	"	17.82

250 Volts, With Link Fuse Extension.

Single Throw.

No. 7010E— 25 amperes	each	$1.04
No. 7011E— 50 amperes	"	1.54
No. 7012E— 75 amperes	"	1.98
No. 7013E—100 amperes	"	3.08
No. 7014E—150 amperes	"	4.18
No. 7015E—200 amperes	"	5.50
No. 7016E—300 amperes	"	6.82
No. 7017E—400 amperes	"	9.40
No. 7018E—500 amperes	"	12.32
No. 7019E—600 amperes	"	14.30

Double Throw.

No. 7040E— 25 amperes	each	$1.98
No. 7041E— 50 amperes	"	2.86
No. 7042E— 75 amperes	"	3.96
No. 7043E—100 amperes	"	5.06
No. 7044E—150 amperes	"	7.04
No. 7045E—200 amperes	"	8.80
No. 7046E—300 amperes	"	12.10
No. 7047E—400 amperes	"	15.40
No. 7048E—500 amperes	"	19.80
No. 7049E—600 amperes	"	23.32

250 Volts, With New Code Fuse Extension.

Single Throw.

No. 7020E— 30 amperes	each	$1.22
No. 7021E— 60 amperes	"	2.20
No. 7022E—100 amperes	"	3.74
No. 7023E—150 amperes	"	4.64
No. 7024E—200 amperes	"	5.94
No. 7025E—300 amperes	"	7.70
No. 7026E—400 amperes	"	10.12
No. 7027E—500 amperes	"	13.20
No. 7028E—600 amperes	"	15.40

Double Throw.

No. 7050E— 30 amperes	each	$2.30
No. 7051E— 60 amperes	"	2.64
No. 7052E—100 amperes	"	6.60
No. 7053E—150 amperes	"	9.34
No. 7054E—200 amperes	"	11.00
No. 7055E—300 amperes	"	15.40
No. 7056E—400 amperes	"	20.46
No. 7057E—500 amperes	"	26.84
No. 7058E—600 amperes	"	30.80

DOUBLE POLE.

250 Volts, Without Fuse Extension.

Single Throw.

No. 7200E— 25 amperes	each	$1.28
No. 7201E— 50 amperes	"	1.98
No. 7202E— 75 amperes	"	2.42
No. 7203E—100 amperes	"	3.52
No. 7204E—150 amperes	"	4.84
No. 7205E—200 amperes	"	6.16
No. 7206E—300 amperes	"	9.32
No. 7207E—400 amperes	"	12.56
No. 7208E—500 amperes	"	15.64
No. 7209E—600 amperes	"	20.00

Double Throw.

No. 7230E— 25 amperes	each	$1.76
No. 7231E— 50 amperes	"	2.64
No. 7232E— 75 amperes	"	3.96
No. 7233E—100 amperes	"	5.28
No. 7234E—150 amperes	"	7.04
No. 7235E—200 amperes	"	9.68
No. 7236E—300 amperes	"	12.76
No. 7237E—400 amperes	"	16.72
No. 7238E—500 amperes	"	22.00
No. 7239E—600 amperes	"	26.84

250 Volts, With Link Fuse Extension.

Single Throw.

No. 7210E— 25 amperes	each	$1.50
No. 7211E— 50 amperes	"	2.20
No. 7212E— 75 amperes	"	3.08
No. 7213E—100 amperes	"	4.40
No. 7214E—150 amperes	"	6.38
No. 7215E—200 amperes	"	8.80
No. 7216E—300 amperes	"	11.44
No. 7217E—400 amperes	"	14.08
No. 7218E—500 amperes	"	17.60
No. 7219E—600 amperes	"	22.00

Double Throw.

No. 7240E— 25 amperes	each	$3.08
No. 7241E— 50 amperes	"	4.40
No. 7242E— 75 amperes	"	6.60
No. 7243E—100 amperes	"	8.80
No. 7244E—150 amperes	"	11.44
No. 7245E—200 amperes	"	14.52
No. 7246E—300 amperes	"	18.92
No. 7247E—400 amperes	"	24.20
No. 7248E—500 amperes	"	32.00
No. 7249E—600 amperes	"	39.60

250 Volts, With New Code Fuse Extension.

Single Throw.

No. 7220E— 30 amperes	each	$1.76
No. 7221E— 60 amperes	"	2.64
No. 7222E—100 amperes	"	5.25
No. 7223E—150 amperes	"	7.00
No. 7224E—200 amperes	"	9.68
No. 7225E—300 amperes	"	13.20
No. 7226E—400 amperes	"	17.60
No. 7227E—500 amperes	"	19.80
No. 7228E—600 amperes	"	25.08

Double Throw.

No. 7250E— 30 amperes	each	$3.30
No. 7251E— 60 amperes	"	5.28
No. 7252E—100 amperes	"	10.12
No. 7253E—150 amperes	"	13.42
No. 7254E—200 amperes	"	17.60
No. 7255E—300 amperes	"	26.40
No. 7256E—400 amperes	"	35.20
No. 7257E—500 amperes	"	42.68
No. 7258E—600 amperes	"	49.28

TRIPLE POLE.

250 Volts, Without Fuse Extension.

Single Throw.

No. 7400E— 25 amperes	each	$1.92
No. 7401E— 50 amperes	"	2.98
No. 7402E— 75 amperes	"	3.63
No. 7403E—100 amperes	"	5.28
No. 7404E—150 amperes	"	7.26
No. 7405E—200 amperes	"	9.24
No. 7406E—300 amperes	"	12.48
No. 7407E—400 amperes	"	15.84
No. 7408E—500 amperes	"	22.46
No. 7409E—600 amperes	"	30.00

Double Throw.

No. 7430E— 25 amperes	each	$2.64
No. 7431E— 50 amperes	"	3.96
No. 7432E— 75 amperes	"	5.94
No. 7433E—100 amperes	"	7.92
No. 7434E—150 amperes	"	10.56
No. 7435E—200 amperes	"	14.52
No. 7436E—300 amperes	"	19.14
No. 7437E—400 amperes	"	25.08
No. 7438E—500 amperes	"	33.00
No. 7439E—600 amperes	"	40.26

250 Volts, With Link Fuse Extension.

Single Throw.

No. 7410E— 25 amperes	each	$2.25
No. 7411E— 50 amperes	"	3.30
No. 7412E— 75 amperes	"	4.62
No. 7413E—100 amperes	"	6.60
No. 7414E—150 amperes	"	9.58
No. 7415E—200 amperes	"	13.20
No. 7416E—300 amperes	"	17.16
No. 7417E—400 amperes	"	21.12
No. 7418E—500 amperes	"	26.40
No. 7419E—600 amperes	"	33.00

Double Throw.

No. 7440E— 25 amperes	each	$4.62
No. 7441E— 50 amperes	"	6.60
No. 7442E— 75 amperes	"	9.90
No. 7443E—100 amperes	"	13.20
No. 7444E—150 amperes	"	17.16
No. 7445E—200 amperes	"	21.78
No. 7446E—300 amperes	"	28.38
No. 7447E—400 amperes	"	36.30
No. 7448E—500 amperes	"	48.00
No. 7449E—600 amperes	"	59.40

250 Volts, With New Code Fuse Extension.

Single Throw.

No. 7420E— 30 amperes	each	$2.64
No. 7421E— 60 amperes	"	3.96
No. 7422E—100 amperes	"	7.88
No. 7423E—150 amperes	"	10.50
No. 7424E—200 amperes	"	14.52
No. 7425E—300 amperes	"	19.80
No. 7426E—400 amperes	"	26.40
No. 7427E—500 amperes	"	29.70
No. 7428E—600 amperes	"	37.62

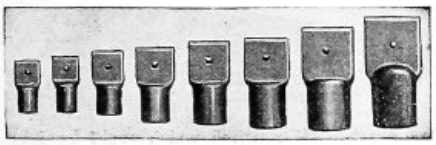
Double Throw.

No. 7450E— 30 amperes	each	$4.95
No. 7451E— 60 amperes	"	7.92
No. 7452E—100 amperes	"	15.18
No. 7453E—150 amperes	"	20.14
No. 7454E—200 amperes	"	26.40
No. 7455E—300 amperes	"	39.60
No. 7456E—400 amperes	"	52.80
No. 7457E—500 amperes	"	64.02
No. 7458E—600 amperes	"	73.92

Add 25 per cent for 300 to 600 volts. Add 25 per cent for polished finish. Add 10 per cent for fuses on handle end. For four-pole switches, add 25 per cent to the price of two double-pole switches. For rear fuse terminals, add 20 per cent to the price of a fused switch. All orders will be filled with plain finish unless otherwise specified. For back connected switches, add 10 per cent.

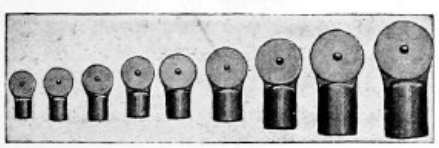
TERMINALS, CONNECTORS AND FUSE BLOCKS.

LANG'S CAST COPPER TERMINALS.



Square Type.

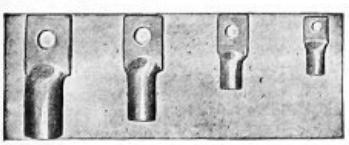
	AMPERES.	CABLE OR WIRE.	EACH.
No. 1310E	25	10	$0.06
No. 1311E	50	6	.08
No. 1312E	75	4	.10
No. 1313E	100	3	.12
No. 1314E	150	0	.16
No. 1315E	200	000	.20
No. 1316E	225	0000	.22
No. 1317E	250	300000	.24
No. 1318E	300	350000	.28
No. 1319E	400	400000	.62
No. 1320E	500	500000	.86
No. 1321E	600	600000	1.10
No. 1322E	800	800000	1.80
No. 1323E	1000	1000000	2.00



Round Type.

	AMPERES.	CABLE OR WIRE.	EACH.
No. 1324E	25	10	$0.06
No. 1325E	50	6	.08
No. 1326E	75	4	.10
No. 1327E	100	3	.14
No. 1328E	150	0	.16
No. 1329E	200	000	.20
No. 1330E	225	0000	.22
No. 1331E	250	300000	.24
No. 1332E	300	350000	.28
No. 1333E	400	400000	.62
No. 1334E	500	500000	.86
No. 1335E	600	600000	1.10
No. 1336E	800	800000	1.80
No. 1337E	1000	1000000	2.00

WROUGHT COPPER TERMINALS.



	AMPERES.	CABLE OR WIRE.	EACH.
No. 1356E	25–50	6	$0.05
No. 1357E	75–100	3	.07
No. 1358E	150	0	.08
No. 1359E	200	000	.11
No. 1360E	300	300000	.14

LANG'S CAST COPPER CONNECTORS.

Equipped with Set Screws.

Tee Connectors.

	SIZE OF ROD.	EACH.
No. 1338E	¼ in.	$0.34
No. 1339E	⅜ in.	.40
No. 1340E	½ in.	.70
No. 1341E	9/16 in.	.80
No. 1342E	⅝ in.	.90
No. 1343E	¾ in.	1.00

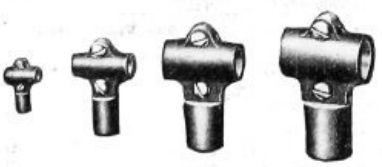
Straight Connectors

	SIZE OF ROD.	EACH.
No. 1350E	¼ in.	$0.20
No. 1351E	⅜ in.	.26
No. 1352E	½ in.	.38
No. 1353E	9/16 in.	.40
No. 1354E	⅝ in.	.50
No. 1355E	¾ in.	.60

Elbow Connectors.

	SIZE OF ROD.	EACH.
No. 1344E	¼ in.	$0.24
No. 1345E	⅜ in.	.36
No. 1346E	½ in.	.46
No. 1347E	9/16 in.	.50
No. 1348E	⅝ in.	.68
No. 1349E	¾ in.	.86

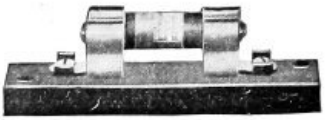
BUS BAR CONNECTORS.



	SIZE OF LINE.	SIZE OF LEAD.	EACH.
No. 1362E	¼ in.	¼ in.	$0.36
No. 1363E	⅜ in.	⅜ in.	.50
No. 1364E	½ in.	½ in.	.68
No. 1365E	⅝ in.	⅝ in.	.96
No. 1366E	¾ in.	¾ in.	1.12
No. 1367E	1 in.	1 in.	1.80
No. 1368E	1¼ in.	1¼ in.	3.00
No. 1369E	1½ in.	1½ in.	5.00

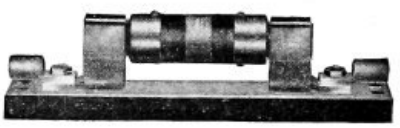
In ordering, give size of both line and lead.

LANG'S FUSE BLOCKS.



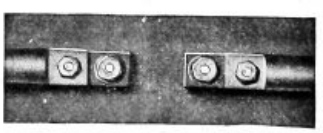
250 Volts. For New Code Fuses, Mounted on Plain Slate.

	AMPERES.	POLE.	EACH.
No. 1901E	30	1	$0.40
No. 1904E	60	1	.54
No. 1902E	30	2	.80
No. 1905E	60	2	1.08
No. 1903E	30	3	1.20
No. 1906E	60	3	1.62



250 Volts. For New Code Fuses, Mounted on Plain Slate.

	AMPERES.	POLE.	EACH.
No. 1907E	100	1	$1.00
No. 1908E	200	1	2.00
No. 1909E	100	2	2.00
No. 1910E	200	2	4.00
No. 1911E	100	3	3.00
No. 1912E	200	3	6.00
No. 1913E	400	1	4.00
No. 1914E	600	1	7.00
No. 1915E	400	2	8.00
No. 1916E	600	2	14.00
No. 1917E	400	3	12.00
No. 1918E	600	3	21.00



250 Volts. For Link Fuses, Mounted on Plain Slate.

	AMPERES.	POLE.	EACH.
No. 1919E	25	1	$0.40
No. 1920E	50	1	.50
No. 1921E	100	1	.90
No. 1922E	200	1	1.20
No. 1923E	300	1	1.70
No. 1924E	400	1	2.50
No. 1925E	600	1	3.50
No. 1927E	25	2	.80
No. 1928E	50	2	1.00
No. 1929E	100	2	1.80
No. 1930E	200	2	2.40
No. 1931E	300	2	3.40
No. 1932E	400	2	5.00
No. 1933E	600	2	7.00
No. 1935E	25	3	1.20
No. 1936E	50	3	1.50
No. 1937E	100	3	2.70
No. 1938E	200	3	3.60
No. 1939E	300	3	5.10
No. 1940E	400	3	7.50
No. 1941E	600	3	10.50

Add 10 per cent to above prices for 600 volts. Prices do not include fuses. For larger capacity than listed herein quoted upon application.

ELECTRIC LIGHT SOCKETS.

SOCKETS.

Edison Base, National Code, 250 Volts.

No. 457E—Key, polished brass, fibre lined, ⅛ in. caps.....each $0.33
No. 458E—Key, rich gilt, fibre lined, ⅛ in. caps.....each .37
No. 459E—Key, brush brass, fibre lined, ⅛ in. caps.....each .37
No. 460E—Key, oxidized copper, fibre lined, ⅛ in. caps.....each .37

FIFTY IN A BOX; FIVE HUNDRED IN A STANDARD PACKAGE.

Edison Base, National Code, 250 Volts.

No. 0457E—Keyless, polished brass, fibre lined, ⅛ in. caps.....each $0.30
No. 0458E—Keyless, rich gilt, fibre lined, ⅛ in. caps.....each .34
No. 0459E—Keyless, brush brass, fibre lined, ⅛ in. caps.....each .34
No. 0460E—Keyless, oxidized copper, fibre lined, ⅛ in. caps.....each .34

FIFTY IN A BOX; FIVE HUNDRED IN A STANDARD PACKAGE.

PULL SOCKETS.

HUBBELL'S, Edison Base, National Code.

No. 35000E—⅛ in. cap, polished brass, with 8 in. chain.....each $0.60
No. 35550E—⅛ in. cap, brush brass, with 8 in. chain.....each .66
No. 35510E—⅛ in. cap, oxidized copper, with 8 in. chain.....each .66
Extra length chain.....per foot .20

Used in place of key socket on fixtures too high to reach with convenience. One pull of the chain turns on the current and the next pull turns it off.

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

WALL SOCKETS.

Edison Base, National Code, 250 Volts.

No. 387E—Key, polished brass, slotted base.....each $0.44
No. 388E—Key, polished brass, solid base, each..... .44

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

Edison Base, National Code, 250 Volts.

No. 0387E—Keyless, polished brass, slotted base.....each $0.40
No. 0388E—Keyless, polished brass, solid base.....each .40

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

Edison Base, National Code, 250 Volts.

No. 50748E—Key, polished brass, concealed porcelain base, removable ring, each..... $0.44

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

Edison Base, National Code, 250 Volts.

No. 50746E—Keyless, polished brass, concealed porcelain base, removable ring, each..... $0.40

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

TWIN SOCKETS.

Edison Base, National Code, 250 Volts.

No. 411E—⅛ in., one light, polished brass each..... $0.35
No. 412E—⅛ in., two light, polished brass.....each .65

Designed with a view to economy in show-window or show-case work. By use of suitable shades and reflectors more complete distribution of light is secured.

FIFTY IN A STANDARD PACKAGE.

WEATHER PROOF SOCKETS.

Edison Base, National Code, 250 Volts.

No. 116E—Porcelain, with 8 in. wires, each..... $0.25
No. 43310E—Mica, with 6 in. wires..each .36

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

Edison Base, National Code, 250 Volts.

No. 217E—Key, porcelain, for pendant work.....each $0.30

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

Edison Base, National Code, 250 Volts.

No. 4200E—½ in. aluminum shell,..each $0.70
No. 4201E—⅜ in. aluminum shell,.. " .70

FIFTY IN A STANDARD PACKAGE.

RECEPTACLES, PLUGS, ADAPTERS, ETC.

RECEPTACLES.

Edison Base, 250 Volts.

No. 9411E—Bottom wires 8 in. long..each $0.35

ONE HUNDRED IN A STANDARD PACKAGE.

Edison Base, National Code, 250 Volts.

No. 1700E—1 5/16 in. base, 1½ in. top, height 1 in. above base.....each $0.14

FIVE HUNDRED IN A STANDARD PACKAGE.

One Screw, Edison Base, 250 Volts.

No. 9171E—Porcelain.....each $0.10

Receptacle is held in place by one screw through its center.

FIVE HUNDRED IN A STANDARD PACKAGE.

Two Screw, Edison Base, 250 Volts.

No. 9402E—Porcelain.....each $0.15

FIVE HUNDRED IN A STANDARD PACKAGE

RECEPTACLES.

No. 320E—Miniature, keyless sockets, each $0.23

No. 321E—Candelabra, keyless sockets, each..... .24

Candelabra bases should be used for all voltages over 40 volts.

TWO HUNDRED IN A STANDARD PACKAGE.

No. 327E—Miniature, for candle fixtures, each..... $0.12

No. 328E—Candelabra, for candle fixtures, each..... .12

Candelabra bases should be used for all voltages over 40 volts.

TWO HUNDRED IN A STANDARD PACKAGE.

No. 9445E—Miniature, round base..each $0.06

No. 9446E—Candelabra, round base. " .06

Candelabra bases should be used for all voltages over 40 volts.

FIVE HUNDRED IN A STANDARD PACKAGE.

SKEDOODLE PLUGS.

No. 131E—16 C. P., 100 to 120 volts, each $0.75

No. 130E— 8 C. P., 100 to 120 volts, " .75

This plug fits any ordinary socket and holds a common lamp, it flashes the lamp on and off many times a minute. Will outlast several lamps. Each plug is complete in itself and independent of every other socket.

No wiring is necessary, anyone can put it in place. Lasts indefinitely. Dimensions 1¾ in. long x 1⅛ in. diameter, direct or alternating current.

The uses are almost without limit—in small show cases, show windows, box designs, street fair decorations, stage effects, bull's eye and drum signs, color changing effects. It is quickly installed and easily maintained.

CANDLES AND ADAPTERS.

No. 315E. No. 314E.

No. 315E—Porcelain candles, packed 12 in a box.....each $0.35

No. 314E—Candelabra adapters, packed 50 in a box.....each .14

For use where it is desired to remove standard lamps and burn candelabra lamps for special occasions. Can be attached in a moment. In various kinds of special work, where it is desired to use candelabra lamps, it frequently happens that no suitable socket can be secured. By using these specialties this trouble is obviated since the regular standard sockets can be used. They are also desirable and useful in decorative fixture work.

No. 315E, TWO HUNDRED AND FORTY; No. 314E, TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

ROTATING SOCKETS.

No. 9002E—2-light, rotating socket..each $1.00

No. 9013E—3-light, rotating socket.. " 1.30

No. 9024E—4-light, rotating socket.. " 1.60

Sockets have rotating sleeve for attaching without turning the device. By the combined use of sockets and suitable half shades capable of revolving around the axis of the lamp, the light of a given installation may be effectively directed and distributed. When a strong light is not required an appreciable saving may be made with low candle-power lamps. Standard finish is polished brass.

TWENTY-FIVE IN A STANDARD PACKAGE.

PLUGS, CURRENT TAPS, ETC.

ATTACHMENT PLUGS.

Edison Base, National Code, 250 Volts.

No. 67E—Brass cap, fuseless.....each $0.22

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

Edison Base, National Code, 250 Volts.

No. 147E—Porcelain caps, fuseless..each $0.22
No. 167E—Porcelain caps, fusible... " .22

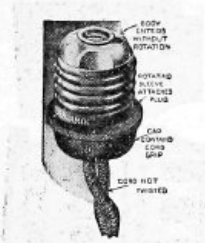
TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

Edison Base, National Code, 250 Volts.

No. 16410E—Mesco, 3 amperes, porcelain cap.....each $0.25
No. 16411E—Mesco, 3 amperes, rubber cap..... each .30

This plug will separate at any angle. A pull on the cord in any direction will cause plug and cap to separate instantly without imposing the slightest strain on socket or cord, no matter how or where the socket is located.

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.



Edison Base, National Code, 250 Volts.

No. 903E—Benjamin.....each $0.25

Rotating sleeve makes it possible to attach plug without turning device.
Twisting of cord is unnecessary.
Cord is firmly secured and held by cap grip.
There are no detachable parts to become lost or broken.
It is small, neat in construction and appearance.

ONE HUNDRED IN A STANDARD PACKAGE.

ATTACHMENT PLUGS.

No. 5406E—Hubbell, porcelain cap each $0.30

ONE HUNDRED IN A STANDARD PACKAGE.

RECEPTACLE PLUGS.

Edison Base, Polished Brass.

No. 192E—2 light multiple.....each $1.00
No. 193E—3 light multiple..... " 1.30
No. 194E—4 light multiple..... " 1.60

Fits any Edison base socket. Receives any combination of lamps and attachment plugs. Converts one light pendant into cluster.

TEN IN A STANDARD PACKAGE.

CURRENT TAPS.

Combined Socket and Attachment Plug.

No. 16414E—Glazed porcelain, phosphor bronze contact clips, designed for 250 volts.....each $0.50

A simple and safe device for tapping and carrying the current from any electric light fixture to motor, drop lights or other electrical devices without the loss of lamp already in fixture.

FIFTY IN A STANDARD PACKAGE.

STAGE CONNECTORS.

No. 16412E—Brass shell, interchangeable cap.....each $0.70

The most serviceable stage connector on the market, combining attractiveness and strength. The neat appearance of the brass shell together with the separable cap feature makes it an article of pronounced merit. Cap is interchangeable with our other separable cap fittings.

THIRTY IN A STANDARD PACKAGE.

SOCKET EXTENSIONS.

No. 91E—Benjamin, polished brass, each $0.25

Offers a convenient means for attaching glassware where the outlets do not otherwise permit it. Shell is provided with bead for standard shade holder. Is especially serviceable for use in connection with flush sockets and ceiling receptacles. Increases the length of the socket only 1¼ inch.

FIFTY IN A STANDARD PACKAGE.

PHELPS' PULL SOCKETS.

No. 132E—Porcelain insulation.....each $0.25

The strings are 13 inches long and are equipped with a white ball to turn the light on and a black ball to turn it out. The white one is corrugated so it can be found in the dark.
For high fixtures and short people. Brings light within easy reach of all. Fits any standard fixture. Works easily and noiselessly.

ONE HUNDRED IN A STANDARD PACKAGE.

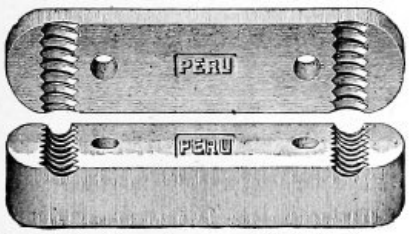
TUNGSTEN ADAPTERS.

No. 99E—Brushed brass.....each $0.70
No. 199E—Polished brass..... " .70
No. 299E—Oxidized copper..... " .80

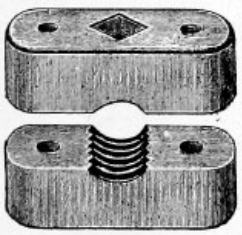
TWENTY-FIVE IN A STANDARD PACKAGE.

PORCELAIN CLEATS, KNOBS, MOLDING BRANCH BLOCKS, ETC.

PORCELAIN CLEATS.



No. 380E—Two wire, glazed, 3¼×1⅛×⅝ in.....per thousand $26.00
No. 381E—Two wire, unglazed, 3¼×1⅛×⅝ in.....per thousand 20.00
No. 3800E—Three wire, glazed, 3¼×1⅛×⅝ in.....per thousand 26.00
No. 3810E—Three wire, unglazed, 3¼×1⅛×⅝ in.....per thousand 20.00
ONE THOUSAND IN A STANDARD PACKAGE.

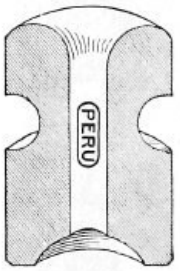


No. 1E—Single wire, glazed, 2×¾×⅜ in.....per thousand $26.68
FOUR THOUSAND IN A STANDARD PACKAGE.
No. 2E—Single wire, glazed, 2¼×1×½ in.....per thousand $40.00
TWENTY-FOUR HUNDRED IN A STANDARD PACKAGE.
No. 3E—Single wire, glazed, 2½×1⅛×⅝ in.....per thousand $48.00
SIXTEEN HUNDRED IN A STANDARD PACKAGE.
No. 44E—Single wire, glazed, 2¾×1¼×¾ in.....per thousand $60.00
ONE THOUSAND IN A STANDARD PACKAGE.

PORCELAIN TUBES.

No. 2710E—2½ in. long, 5/16 in. hole, 9/16 in. outside diameter, per thousand $14.40
SIX THOUSAND IN A STANDARD PACKAGE.
No. 3516E—3 in. long, 5/16 in. hole, 9/16 in. outside diameter.....per thousand $15.50
FIVE THOUSAND IN A STANDARD PACKAGE.
No. 4516E—4 in. long, 5/16 in. hole, 9/16 in. outside diameter.....per thousand $27.20
FOUR THOUSAND IN A STANDARD PACKAGE.
No. 6516E—6 in. long, 5/16 in. hole, 9/16 in. outside diameter.....per thousand $39.00
TWO THOUSAND IN A STANDARD PACKAGE.
No. 338E—3 in. long, ⅜ in. hole, 11/16 in. outside diameter.....per thousand $18.20
FOUR THOUSAND IN A STANDARD PACKAGE.
No. 438E—4 in. long, ⅜ in. hole, 11/16 in. outside diameter.....per thousand $29.90
THREE THOUSAND IN A STANDARD PACKAGE.
No. 638E—6 in. long, ⅜ in. hole, 11/16 in. outside diameter.....per thousand $46.80
TWO THOUSAND IN A STANDARD PACKAGE.
No. 10516E—10 in. long, 5/16 in. hole, 9/16 in. outside diameter..per thousand $ 9.60
SIXTEEN HUNDRED IN A STANDARD PACKAGE.
No. 12516E—12 in. long, 5/16 in. hole, 9/16 in. outside diameter..per thousand $14.40
THIRTEEN HUNDRED IN A STANDARD PACKAGE.

PORCELAIN KNOBS.



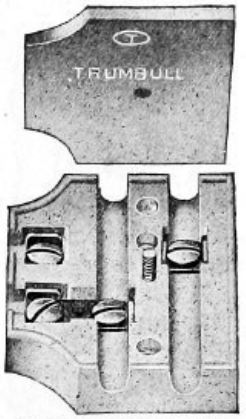
No. 4E—1½ in. wide, 1 11/16 in. high, ⅜ in. groove and ⅜ in. hole....per thousand $12.50
No. 4½E—1½ in. wide, 1 7/8 in. high, 7/16 in. groove and ⅜ in. hole....per thousand 14.00
TWO THOUSAND IN A STANDARD PACKAGE.

No. 5E—1 in. wide, 1¼ in. high, 5/16 in. groove and ¼ in. hole,..per thousand $ 8.25
No. 5½E—1 in. wide, 1 5/16 in. high, 5/16 in. groove and ¼ in. hole...per thousand 9.00
Nos. 4½E and 5½E fulfill the requirements of the National Board of Fire Underwriters. Nos. 4E and 5E do not fulfill these requirements but can of course be used for any outdoor work if desired.
FIVE THOUSAND IN A STANDARD PACKAGE.

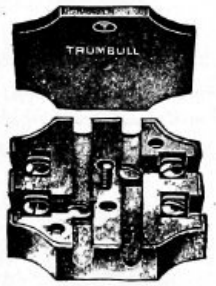
No. 05½E—Split, one groove, 1¾ in. high, 1 in. diam., 3/16 in. hole, for ¼ in. wire or finer, w't per M 100 lbs., per thousand..... $20.00

No. 005½E—Split, four grooves, 1¾ in. high, 1 in. diam., 3/16 in. hole, for ¼ in. wire or finer, w't per M. 100 lbs., per thousand..... $20.00

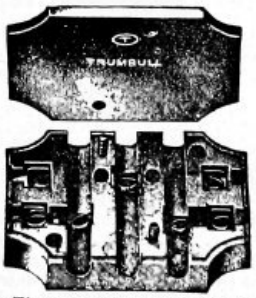
MOLDING BRANCH BLOCKS.



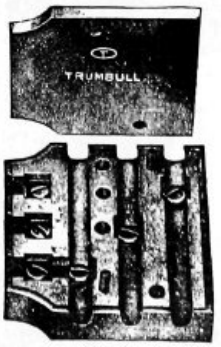
No. 901E—Two wire, single branch..each $0.23
ONE HUNDRED IN A STANDARD PACKAGE.



No. 902E—Two wire, double branch.each $0.32
ONE HUNDRED IN A STANDARD PACKAGE.



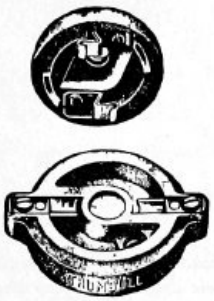
No. 904E—Three two-wire, double branch, each..... $0.40
ONE HUNDRED IN A STANDARD PACKAGE.



No. 905E.
No. 905E—Three *three-wire*, single branch.....each $0.44
No. 903E—Three *two-wire*, single branch, each..... .32
ONE HUNDRED IN A STANDARD PACKAGE.

ROSETTES AND CEILING BUTTONS.

ROSETTES.



125 Volts.

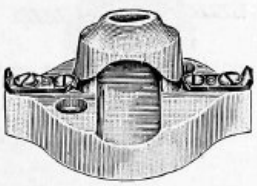
No. 752E—2½ in. cleat, fuseless....each $0.15

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

125 Volts.

No. 753E—2½ in. concealed, fuseless each $0.15

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.



250 Volts.

No. 603E—2½ in., solid back.....each $0.12

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

ROSETTES.

250 Volts.

No. 762E (No. 400E)—2½ in., cleat, fusible.....each $0.18

Can be used as fuseless if desired.

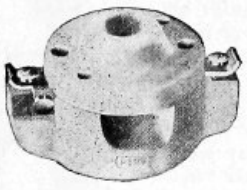
TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

250 Volts.

No. 763E (No. 390E)—2½ in., concealed, fusible .....each $0.18

Can be used as fuseless if desired.

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

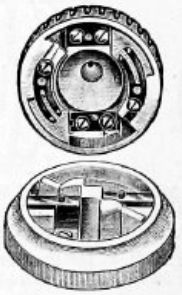


125 Volts.

No. 985E (No. 602E)—2½ in., cleat, one piece, fuseless.....each $0.15

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

ROSETTES.



National Code, 125 Volts.

No. 3415E—THOMAS, 3 in. diam., concealed, fusible.....each $0.26

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

National Code, 125 Volts.

No. 3414E—THOMAS, 3 in. diam., cleat, fusible.....each $0.26

TWO HUNDRED AND FIFTY IN A STANDARD PACKAGE.

CEILING BUTTONS.

250 Volts.

No. 70E—1⅝ in., glazed, high insulation, per hundred..... $4.20

FIVE HUNDRED IN A STANDARD PACKAGE.

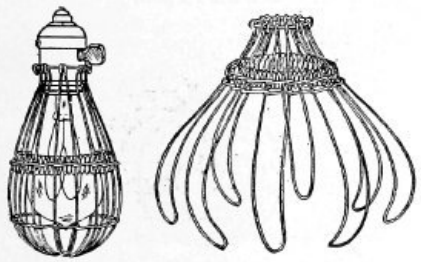
250 Volts.

No. 170E—2 in., glazed, self-tying, per hundred..... $5.80

FIVE HUNDRED IN A STANDARD PACKAGE.

LAMP GUARDS, ELECTROGRIPS AND CORD ADJUSTERS.

LAMP GUARDS.



STANDARD, 15 Gauge Steel Wire, Heavily Tinned, Strengthened with Two Sliding Wire Rings, with Safety Cushion.

No. 316E—For 16 C. P. lamps..per dozen $2.00
No. 332E—For 32 C. P. Lamps... " 2.50

The mere closing of the guard over the lamp fastens it automatically and securely to the socket. Being attached to the socket instead of the lamp it throws no weight on the bulb.

The operation is simple. The half open guard is held well up on the socket; the lamp is inserted in place and the large ring slipped down as far as it will go, thus closing the guard and securing it to the socket at the same time.

The safety cushion holds the lamp perfectly rigid and prevents it jarring loose from the socket by vibration of the building or factory in which it is used.

This is the new LoXon lamp guard that fastens the bulb to the socket with a key. Prevents loss, breakage and theft—cannot be removed without the key.

Are made to stand the rough usage—can be hung anywhere, handled anywhere—and give the lamp perfect protection. Yet there is no interference with the light. A big money saver.

One key with every dozen guards. In ordering guard for W. P. sockets specify MAKE AND NO. OF SOCKET.

No. 14025E—LoXon, 16 C. P. standard socket.....per dozen $6.00
No. 14026E—LoXon, 32 C. P. standard socket.....per dozen 6.25
No. 14027E—LoXon, 16 C. P. W. P. socket.....per dozen 6.25
No. 24343E—LoXon, 40 or 60 watt Tungsten lamp, standard socket, per dozen..... 8.75
No. 14020 —Extra keys.....each .10

A strong, rigid guard, open at bottom, that affords absolute protection to the lamp without interfering with its insertion or removal. Has wire cushion which takes jar and protects lamp coming in contact with other wires. Easily attached and holds with a bull dog grip.

No. 14029E—PROTECTOR "O," tinned wire, 16 C. P. .....per dozen $2.50

LAMP GUARDS.

No. 66E—SPIRAL tinned, piano wire, for 16 candle power lamp, no fastening necessary, spring adjusts itself to lamp.....per dozen $2.00

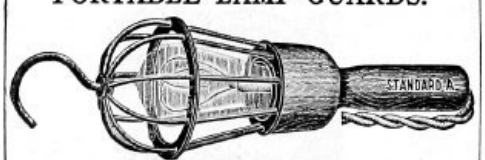
No. 66E.

No. 16E—BUFFALO, heavy tinned wire, for 16 candle power lamp, clamps around socket, can be put on and taken off without removing lamp.....per dozen $2.50

Inner wire prevents lamp from coming in contact with outer frame.

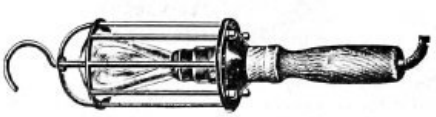
No. 16E.

PORTABLE LAMP GUARDS.



No. 46872E—THE STANDARD "A," 16 C. P., per dozen.....$30.00

Where a keyless portable guard is desired the Standard "A" is superior to any guard on the market. IT is WEATHERPROOF, having mica socket securely embedded in the handle with extra long lead in wire.



No. 46745E—CRESCENT, 16 C. P., per dozen.....$24.00

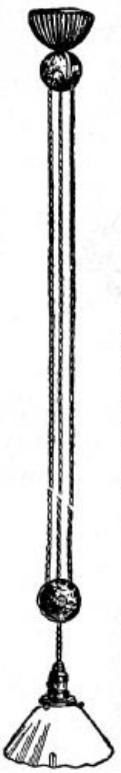
No. 0457E socket can be used with this guard. Light, strong and durable without socket.

ELECTROGRIPS.

These grips are used on drop lights for the purpose of raising or lowering the bulb. It grips the cord or fastening at any point, making the light hang high or low as desired.

No. 872E—Per dozen..... $3.00

"TWO-BALL" CORD ADJUSTERS.



This adjuster is a device for automatically maintaining an electric droplight at any desired height. It consists of two balls, fitted with grooved pulleys of insulating material, through which the lamp cord runs. The lower ball acts as a counter-balance to the lamp. Can be used on any droplight.

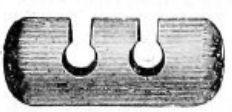
No. 1112E—Black enamel.....each $1.20
No. 1113E—Aluminum finish..... " 1.20
No. 1114E—Gold bronze finish..... " 1.20
No. 1115E—Polished brass..... " 2.00
No. 1116E—Oxidized brass..... " 2.00
No. 1117E—Nickel plated..... " 2.00

Canopies for Above.

No. 1118E—With ceiling fastenings, each $0.50

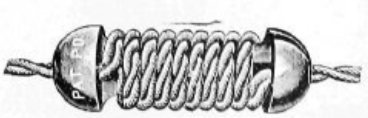
Above prices do not include lamp, socket, shade or cord.

CORD ADJUSTERS.



No. 13E—Peanut, black enamel..per 100 $2.00

No. 14E—Ball, black enamel....per 100 $2.00



No. 15E—Universal, Standard black enamel, 3⅜ in. long.....per 100 $7.00

ELECTRICAL SPECIALTIES.

National Electrical Code Standard.

WIRELESS CLUSTER BODIES.

Type 2—Multiple, Edison Base, Fibre Lined, Polished Brass, 3 in. Diam.

No. 122E—2 light, with flange, w't 1 lb., each..... $1.35
No. 123E—3 light, with flange, w't 1lb.....each 1.60

Bushing at lowest point has knockout center to accommodate lamp cord for drop light or pendant switch.

TEN IN A STANDARD PACKAGE.

Type 1—Multiple, Edison Base, Fibre Lined, Polished Brass, 4 in. Diam.

No. 212E—2 light, with flange, w't 1 lb., each..... $1.60
No. 213E—3 light, with flange, w't 1 lb., each..... 1.85
No. 214E—4 light, with flange, w't 1¼ lbs.....each 2.10
No. 215E—5 light, with flange, w't 1¼ lbs.....each 2.35
No. 216E—6 light, with flange, w't 1¼ lbs.....each 2.60

Bushing at lowest point has knockout center to accommodate lamp cord for drop light or pendant switch.

TEN IN A STANDARD PACKAGE.

Type 1K—Multiple, Edison Base, Fibre Lined, Polished Brass, 4 in. Diam.

No. 313E—3 light, with flange, w't 1 lb., each..... $1.85
No. 314E—4 light, with flange, w't 1¼ lbs.....each 2.10
No. 315E—5 light, with flange, w't 1¼ lbs.....each 2.35
No. 316E—6 light, with flange, w't 1¼ lbs.....each 2.60
No. 317E—7 light, with flange, w't 1½ lbs.....each 2.85

TEN IN A STANDARD PACKAGE.

SEPARABLE WIRELESS CLUSTERS.

Type 5—Multiple, Edison Base, Fibre Lined, Polished Brass. Base 2 5/16 in. Body, 4 in. Diam.

No. 52E—2 light, w't ⅝ lb.....each $1.60
No. 53E—3 light, w't ⅝ lb..... " 1.85
No. 54E—4 light, w't ¾ lb..... " 2.10
No. 55E—5 light, w't ¾ lb..... " 2.35
No. 56E—6 light, w't ¾ lb..... " 2.60

TEN IN A STANDARD PACKAGE.

ADJUSTABLE SOCKET. CLUSTERS.

With ⅜ in. Bushing.

No. 852E—2 light, w't ½ lb.....each $1.00
No. 853E—3 light, w't ¾ lb..... " 1.30
No. 854E—4 light, w't 1 lb..... " 1.60

TEN IN A STANDARD PACKAGE.

With Plug—Wired.

No. 952E—2 light, w't ½ lb.....each $1.25
No. 953E—3 light, w't ¾ lb..... " 1.55
No. 954E—4 light, w't 1 lb..... " 1.85

Benjamin Adjustable Plug and Socket Clusters are designed for use with ceiling or pendant dome fixtures, stand lamps in dining rooms, reading rooms, etc., where it is desirable to adjust and fix the lights in special relation to the sides of the dome or reflector. The socket may be turned to any position between two points 180 degrees apart, and locked by means of a screw. By removing the socket cap easy access is gained to the binding screws. They are therefore easily wired. Standard finish is polished brass.

TEN IN A STANDARD PACKAGE.

TUNGSTEN CLUSTER BODIES.

Type 3T—Multiple, Edison Base, Fibre Lined, Polished Brass, 4½ in. Diam.

No. 32TE—2 light .....each $1.75
No. 33TE—3 light..... " 2.00
No. 34TE—4 light..... " 2.25
No. 35TE—5 light..... " 2.50
No. 36TE—6 light..... " 2.75

Type 3T is designed for Tungsten lamps. The outlets in Nos. 32TE, 33TE and 34TE are at an angle of 6 degrees with the vertical; in Nos. 35TE and 36TE 24 degrees. They are regularly furnished without flange, but ⅜ in. steel flange will be supplied without additional charge.

TEN IN A STANDARD PACKAGE, W'T 15 LBS.

FLANGES.

For ½ in. Pipe.

No. 3250E—Fl. 3 in. for type 2 cluster, each..... $0.15
No. 3150E—Fl. 4 in. for type 1 and 1K cluster .....each .15
No. 3175E—Fl. 4 in. tapped ¾ in. for types 1 and 1K cluster. .....each .15

TEN IN A STANDARD PACKAGE, W'T 5 LBS.

CEILING FIXTURES.

No. 512PE—2 light .....each $2.70
No. 513PE—3 light..... " 2.95
No. 514PE—4 light..... " 3.20
No. 515PE—5 light..... " 3.45
No. 516PE—6 light..... " 3.70

The above ceiling cluster fixture consists of cluster body, 14 in. opal reflector, and an adjustable sub-base. The latter may be screwed directly to the ceiling or outlet box. It is also provided with removable strap tapped for ⅜ in. iron pipe for connecting with insulating joint. For fixture less reflector deduct 60 cents list. Standard finish is polished brass.

TEN IN A STANDARD PACKAGE, W'T 25 LBS.

No. 12HE—2 light.....each $3.30
No. 13HE—3 light..... " 3.55
No. 14HE—4 light..... " 3.80
No. 15HE—5 light..... " 4.05
No. 16HE—6 light..... " 4.30

The above ceiling cluster fixture consists of cluster body less flange, and 15 in. porcelain enameled steel reflector. No holder is required. Reflector is placed directly between the cluster back and ceiling. Fixture may be attached to round outlet box when used with suitable flange. Rubber rings prevent its contact with the metal parts, thus lessening the liability to breakage. For 14 in. aluminum reflector instead of 15 in. enamel steel, deduct 20 cents list. Standard finish is polished brass.

TEN IN A STANDARD PACKAGE, W'T 20 LBS.

PENDANT FIXTURES.

No. 052PE—2 light.....each $3.15
No. 053PE—3 light..... " 3.40
No. 054PE—4 light..... " 3.65
No. 055PE—5 light..... " 3.90
No. 056PE—6 light..... " 4.15

These pendant cluster fixtures consist of cluster body, 8x⅝ in. brass stem, 3¼ in. reflector holder, 14 in. opal reflector, 4½x2½in. canopy, and crowfoot. For fixture less reflector deduct 60 cents list; less reflector and holder deduct 95 cents list. Standard finish is polished brass.

TEN IN A STANDARD PACKAGE, W'T 25 LBS.

ELECTRICAL SPECIALTIES.

PENDANT FIXTURES.

No. 012HE—2 light.....each $4.05
No. 013HE—3 light..... " 4.30
No. 014HE—4 light..... " 4.55
No. 015HE—5 light..... " 4.80
No. 016HE—6 light..... " 5.05

Fixture consists of cluster body, 8x5/8 in. brass stem, 15 in. porcelain enameled steel reflector, 4½ x2½ in. canopy, and crowfoot. No shade holder is required. Standard finish is polished brass.

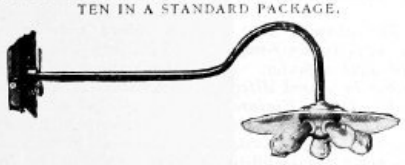
TEN IN A STANDARD PACKAGE, W'T 32 LBS.

WEATHER-PROOF FIXTURES.

No. 5101E—1 light, complete with 10 in. enameled steel reflector, w't 4½ lbs., each..... $2.60
No. 5151E—1 light, complete with 15 in. enameled steel reflector, w't 5¼ lbs., each..... 3.60

Fixture includes weather proof aluminum socket; gooseneck—consisting of three feet of ½-inch iron pipe, overhanging 30 inches—pole fitting and enameled steel reflector Gooseneck and fitting are enameled black.

TEN IN A STANDARD PACKAGE.



No. 5012E —2 light multiple.....each $4.40
No. 5013E —3 light multiple..... " 4.65
No. 5014E —4 light multiple..... " 4.90
No. 5015E —5 light multiple..... " 5.15
No. 5016E —6 light multiple..... " 5.40
No. 5012½E—2 light series..... " 4.40
No. 5013½E—3 light series..... " 4.65
No. 5014½E—4 light series..... " 4.90
No. 5015½E—5 light series..... " 5.15

Weather-proof cluster fixture consists of aluminum shell cluster —15 in. enameled steel reflector, flange, gooseneck consisting of 36 in. of ½-in. iron pipe overcharging 30 in., either wall or pole fitting. Unless otherwise specified wall fitting is regularly supplied. Iron parts are enameled black.

TEN IN A STANDARD PACKAGE, W'T 60 LBS.

No. 4012E —2 light multiple.....each $3.50
No. 4013E —3 light multiple..... " 3.75
No. 4014E —4 light multiple..... " 4.00
No. 4015E —5 light multiple..... " 4.25
No. 4016E —6 light multiple..... " 4.50
No. 4012½E—2 light series..... " 3.50
No. 4013½E—3 light series..... " 3.75
No. 4014½E—4 light series..... " 4.00
No. 4015½E—5 light series..... " 4.25

Weather-proof cluster fixture consists of aluminum shell, cluster—15 in. enameled steel reflector, and flange tapped for ½ in. iron.

TEN IN A STANDARD PACKAGE, W'T 25 LBS.

National Electrical Code Standard.

TUNGSTEN ARCS.

No. T44E —4 light.....each $ 9.40
No. T45E —5 light..... " 9.70
No. T44KE—4 light..... " 9.40
No. T45KE—5 light..... " 9.70
No. T46KE—6 light..... " 10.00

The Tungsten Arc consists of cluster body with special reflector shell of frosted aluminum, 15 in stem of 3/8 in. iron pipe and ¾ in. brass casing, reflector holder, 18 in. opal reflector, 5½x4 in. canopy, and crowfoot. The device is wired, and measures 25 in. over all. For pendant switch and one yard of flexible cord add $1.00 list; for grouping switch furnishing three degrees of illumination, and chain extending 54 in. below the ceiling add $2.75 list; for additional chain 5 cents per foot net. Unless otherwise specified the grouping switch operates in two sets of one single and all remaining lights. In "K" styles the single is the center light. 4 and 6 light fixtures will be furnished wired two in series for 220 volt circuits without additional charge. Frosted lamps are recommended. Prices are less lamps only. Standard finish is brushed brass.

TEN IN A STANDARD PACKAGE, W'T 60 LBS.

No. T83E—3 light .....each $11.90
No. T84E—4 light..... " 12.20
No. T85E—5 light..... " 12.50

The enclosed Tungsten Arc is constructed along the same general lines as the above fixture, but has an additional enclosing globe. The latter is spaced at the top and open at the bottom, thus offering good ventilation, as well as opening for the suspending chain or cord. It also assists in rounding out the fixture, securing symmetry of outline. Prices do not include lamps. Standard finish is brushed brass.

Standard package discounts apply to all Tungsten Arcs regardless of quantity or catalog number.

TEN IN A STANDARD PACKAGE, W'T 90 LBS.

TUNGSTEN ARCS.

No. T823E—3 light.....each $7.60
No. T824E—4 light..... " 7.90
No. T825E—5 light..... " 8.20

This interior ceiling fixture is furnished with three (3) to five (5) lights; "K" type, i. e., with center lamp opening, from four (4) to six (6) lights, if specified. The device is practically the first fixture described on center column, with sub-base instead of stem, canopy, and crowfoot. The other specifications there given apply.

TEN IN A STANDARD PACKAGE, W'T 50 LBS.

No. T832E—2 light .....each $7.30
No. T833E—3 light..... " 7.60
No. T834E—4 light..... " 7.90

The enclosed interior ceiling fixture consists of cluster body with special reflector shell of frosted aluminum, sub-base, and 10x8 in. glass ball. C. R. I. globes are regularly furnished unless otherwise specified. Nos. T832E and T833E take either 40 or 60-watt lamps; T834E, 40-watt lamps only. It may be used to adrantage on low ceilings, basements, in short any place where it is desirable to attach the device directly to the supporting surface. Prices do not include lamps. Standard finish is brushed brass.

TEN IN A STANDARD PACKAGE, W'T 62 LBS.

No. T62E—2 light .....each $8.70
No. T63E—3 light..... " 9.00
No. T64E—4 light..... " 9.30

These Weather-proof fixtures consists of cluster body with special reflector shell of frosted aluminum, 8 in. stem of ½ in. iron pipe, globe and reflector holders, 18 in. enameled steel reflector, 10x8 in. ball, and suspension fitting. The device is wired, and measures 21 in. over all. Nos. T62E and T63E take either 40 or 60-watt lamps; T64E 40-watt lamps only. Globe has 1 in. opening in the bottom; the holder is perforated at the top—thus securing perfect ventilation. The suspension fitting consists of porcelain base carrying the binding plates, together with removable aluminum cover protecting the electrical parts, thus forming a perfect weather-proof connection. For fixture less stem and fitting deduct $1.30 list.

Standard package discounts apply to all Tungsten Arcs regardless of quantity or catalog number.

TEN IN A STANDARD PACKAGE, W'T 78 LBS.

ELECTRICAL SUPPLIES.

FLEXIBLE CONDUIT.

National Electrical Code Standard.

No. 50E—¼ in. inside diameter, 250 ft. in coil, w't per 1000 ft. 75 lbs. . .per foot $0.06
No. 51E—⅜ in. inside diameter, 250 ft. in coil, w't per 1000 ft. 110 lbs. .per foot .07
No. 52E—½ in. inside diameter, 200 ft. in coil, w't per 1000 ft. 125 lbs. .per foot .08
No. 53E—⅝ in. inside diameter, 200 ft. in coil, w't per 1000 ft. 155 lbs. .per foot .10
No. 54E—¾ in. inside diameter, 150 ft. in coil, w't per 1000 ft. 200 lbs. .per foot .12
No. 55E—1 in. inside diameter, 100 ft. in coil, w't per 1000 ft. 275 lbs. . . .per foot .16
No. 56E—1¼ in. inside diameter, 100 ft. in coil, w't per 1000 ft. 360 lbs. .per foot .20
No. 57E—1½ in. inside diameter, odd lengths in coil, w't per 1000 ft. 400 lbs., per foot. 34
No. 58E—1¾ in. inside diameter, odd lengths in coil, w't per 1000 ft. 440 lbs., per foot. 40

It is used to give extra protection to electric wires in interior construction. It is absolutely moisture proof, thoroughly flexible and a perfect insulator. It is tough and strong and has great abrasion resistance. NO. 50E IS BY FAR THE MOST STAPLE SIZE.

DYNAMO BRUSHES.

Woven Copper Wire.

No. 71E—¼×1 ×6 in. . . . . .each $1.00
No. 72E—¼×1¼×8 in. . . . . " 1.45
No. 73E—$\frac{5}{16}$×1¼×8 in. . . . . " 1.60
No. 74E—$\frac{5}{16}$×1¾×8 in. . . . . " 2.00
No. 75E—⅜×1¼×8 in. . . . . " 1.80
No. 76E—⅜×1¾×8 in. . . . . " 2.00
No. 77E—$\frac{7}{16}$×1½×8 in. . . . . " 2.30
No. 78E—½×1⅛×8 in. . . . . " 1.90

Can furnish other sizes and lengths. Also bronze woven wire brushes at lowest market prices.

WOOD MOULDING.

No. 1601E—Two groove, ¼ in., plain unfinished, for Nos. 12 or 14 wire, per thousand feet. $16.00
No. 1602E—Two groove, ¼ in., oak stained, for Nos. 12 or 14 wire, per thousand feet. 22.00
No. 1603E—Two groove, ⅜ in., plain unfinished, for Nos. 8 or 10 wire, per thousand feet. 22.00
No. 1604E—Two groove, ⅜ in., oak stained, for Nos. 8 or 10 wire, per thousand feet. 28.00
No. 1605E—Three groove, ¼ in., plain unfinished, for Nos. 12 or 14 wire, per thousand feet. 24.00
No. 1606E—Three groove, ¼ in., oak stained, for Nos. 12 or 14 wire, per thousand feet. 32.00

Prices include capping. Can furnish other sizes but will take 3 or 4 days' time. Wire grip moulding is so constructed that it holds the wire in place while capping is being put on.

SOCKET BUSHINGS.

No. 9E—⅛ in., composition socket bushing, full threaded. . . . . per hundred $0.75
No. 11E—⅛ in., composition socket bushing, half threaded. . . . . per hundred .75

ONE THOUSAND IN A STANDARD PACKAGE.

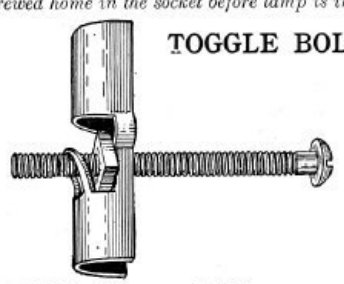
ADAPTORS.

No. 106E—Non-locking T. H. to Edison base. . . . . each $0.03
No. 107E—Locking (permanent) T. H. to Edison base. . . . . each .03
No. 108E—Westinghouse to Edison base, each. 03

When furnished with equal number of lamps in Edison base these adaptors will be furnished at 2 cents each.

These devices are used to change T. H. and Westinghouse sockets so that Edison based lamps may be used in them. T. H. adaptor should be screwed home in the socket before lamp is installed.

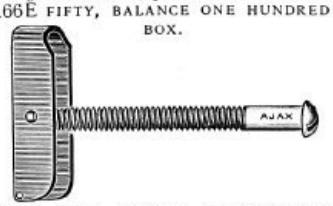
TOGGLE BOLTS.



No. 1163E—KLAHRE, $\frac{3}{16}$×3 in., per hundred. $3.60
No. 1164E—KLAHRE, $\frac{3}{16}$×4 in., per hundred. 4.00
No. 1166E—KLAHRE, $\frac{3}{16}$×6 in., per hundred. 4.80

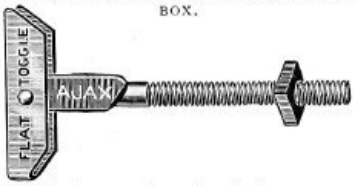
Used by electricians, plumbers, contractors, etc.

NO. 1166E FIFTY, BALANCE ONE HUNDRED IN A BOX.



No. 3163E—AJAX, $\frac{3}{16}$×3 in. . per hundred $3.60
No. 3164E—AJAX, $\frac{3}{16}$×4 in. . " 4.00
No. 3166E—AJAX. $\frac{3}{16}$×6 in. . " 4.80

NO. 3166E FIFTY, BALANCE ONE HUNDRED IN A BOX.



No. 6163E—AJAX, flat, $\frac{3}{16}$×3 in., per hundred. $3.60
No. 6164E—AJAX, flat, $\frac{3}{16}$×4 in., per hundred. 4.00
No. 6166E—AJAX, flat, $\frac{3}{16}$×6 in., per hundred. 4.80

Used extensively by plumbers.

NO. 6166E FIFTY, BALANCE ONE HUNDRED IN A BOX.

SHADE HOLDERS.

No. 80E—2¼ in., polished brass, per dozen. $1.00
No. 82E—2¼ in., brush brass, per dozen 1.25
No. 84E—2¼ in., rich gilt. . . . . " 1.00
No. 86E—2¼ in., oxidized copper, per dozen. 1.25
No. 81E—3¼ in., polished brass, per dozen. 1.50
No. 83E—3¼ in., brush brass, per dozen 1.75
No. 85E—3¼ in., rich gilt. . . . . " 1.50
No. 87E—3¼ in., oxidized copper, per dozen. 1.75

No. 5339E—2¼ in., Hubbell polished brass. . . . . per dozen $0.75
No. 5338E—2¼ in., Hubbell brush brass, per dozen. 85
No. 5337E—2¼ in., Hubbell oxidized copper. . . . . per dozen 1.00
No. 5340E—3¼ in., Hubbell polished brass. . . . . per dozen 1.50

These holders are made in two parts, consisting of a split screw collar and holder.

It may be attached to any standard socket without the use of tools, and is as firmly held in place as if it were a part of the shell itself, holding the shade or globe in a direct and true center, and its rigidity prevents the shade from being sprung from a correct position.

Form "H."

No. 600E—2¼ in., polished brass, per dozen. $1.80
No. 601E—2¼ in., brush brass, per dozen 2.00
No. 602E—2¼ in., oxidized copper, per dozen. 2.30

These holders are for use with special Holophan reflectors and are not recommended for other shades.

ONE HUNDRED IN A STANDARD PACKAGE.

Solid, Polished Brass.

No. 731E—2¼ in., for ⅜ in. pipe, per dozen. $3.00
No. 732E—2¼ in., for ½ in. pipe, per dozen. 3.00
No. 734E—3¼ in., for ⅜ in. pipe, per dozen. 3.60
No. 735E—3¼ in., for ½ in. pipe, per dozen. 3.60

With hole for iron pipe, for use with clusters.

ELECTRIC LIGHT SHADES.

Deep Cone, Porcelain, Green Outside, White Inside.

No. 627E—7 in., for 2¼ in. holder, per dozen..... $6.25
No. 630E—10 in., for 2¼ in. holder, per dozen..... 10.00

Deep Cone, Tin, Green Outside, White Inside.

No. 408E— 8 in., standard, for 2¼ in. holder.....per dozen $2.25
No. 410E—10 in., standard, for 2¼ in. holder.....per dozen 3.00
No. 412E—12 in., standard, for 2¼ in. holder.....per dozen 4.00

Prices do not include lamps, sockets or shade holders.

Hubbell, Tin, Green Outside, White Inside.

No. 5440E—8 in., deep cone, holder attached.....per dozen $3.50
No. 5441E—10 in., deep cone, holder attached.....per dozen 3.80
No. 5442E—12 in., deep cone, holder attached.....per dozen 5.60

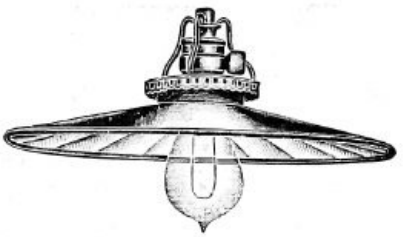
The feature about these shades is that they have the Hubbell holder attached.

Deep Cone, Silver Plated Mirror Reflector, Green Outside.

No. 2107E— 7 in., for 2¼ in. holder, per dozen..... $ 9.60
No. 2108E— 8 in., for 2¼ in. holder, per dozen..... 9.60
No. 2110E—10 in., for 2¼ in. holder, per dozen..... 10.80
No. 2112E—12 in., for 2¼ in. holder, per dozen..... 13.20

For use where a very powerful light is wanted on a small space, is lined with silver plated imported mirror plated glass and increases the light from twelve to fifteen times and very valuable for show window lighting and machine work, benches, type cases, desks, etc.

Prices do not include lamps, sockets or shade holders.

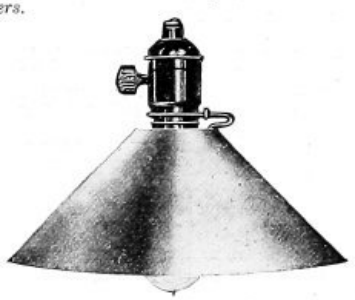


Flat, Silver Plated Mirror Reflector, Green Outside.

No. 1910E—10 in., for 2¼ in. holder, per dozen..... $ 9.60
No. 1912E—12 in., for 2¼ in. holder, per dozen..... 10.80
No. 1914E—14 in., for 2¼ in. holder, per dozen..... 13.90
No. 1916E—16 in., for 3¼ in. holder, per dozen..... 18.70
No. 1918E—18 in., for 3¼ in. holder, per dozen..... 22.80

For use with any system of incandescent electric light when it is desired to spread the light. Its silver plated mirror lining makes it most effective and pleasing.

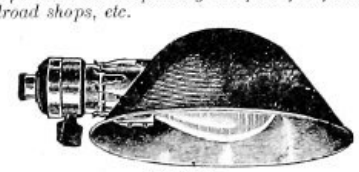
Prices do not include lamps, sockets or shade holders.



Fiberlite, Green Outside, White Inside.

No. 997E— 7 in., with shade holder attached.....per dozen $1.80
No. 998E— 8 in., with shade holder attached.....per dozen 1.80
No. 910E—10 in., with shade holder attached.....per dozen 1.80

These shades are made of a tough fibrous fireproof material. Especially adapted for factories, railroad shops, etc.



Parabola.

No. 27E—7 in., green outside, frosted inside.....per dozen $5.40
No. 28E—7 in., oxidized copper outside, frosted inside.....per dozen 5.40
No. 29E—7 in., brush brass outside, frosted inside.....per dozen 5.40
No. 30E—Steel, 7 in., green outside, frosted inside.....per dozen 4.20

These shades cover the lamps completely, so they are really shades as well as reflectors. They are scientifically constructed getting all the light possible from the lamp and throwing it right where the user wants it. The holder which is attached to shade turns on the socket, so that the light may be thrown at any angle.

Tin, Half Shade.

No. 913E—Green enamel outside, white inside, for 2¼ in. holder.....per dozen $2.50

Scalloped.

No. 556E—6 in., opal, for 2¼ in. holder, per dozen..... $1.63
No. 557E—7 in., opal, for 2¼ in. holder, per dozen..... 1.88

Flat.

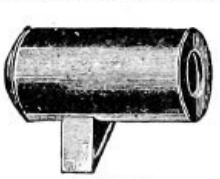
No. 608E— 8 in., opal, for 2¼ in. holder, per dozen..... $2.00
No. 610E—10 in., opal, for 2¼ in. holder, per dozen..... 2.50
No. 614E—14 in., opal, for 3¼ in. holder, per dozen..... 6.00
No. 616E—16 in., opal, for 3¼ in. holder, per dozen..... 8.00
No. 618E—18 in., opal, for 3¼ in. holder, per dozen..... 10.00

Deep Cone, Crimped.

No. 966E—6 in., opal, for 2¼ in. holder, per dozen..... $1.63
No. 967E—7 in., opal, for 2¼ in. holder, per dozen..... 1.88

Flat, Crimped.

No. 958E— 8 in., opal, for 2¼ in. holder, per dozen..... $2.00
No. 960E—10 in., opal, for 2¼ in. holder, per dozen..... 2.50



Orchestra.

No. 136E—Green outside, bright tin inside.....per dozen $19.00

Pulpit.

No. 138E—Polished brass....per dozen $48.00
No. 1138E—Nickel..... " 48.00

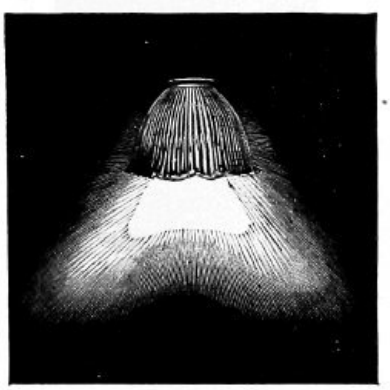
HOLOPHANE REFLECTORS.

For Tungsten, Tantalum and Gem Lamps.

Extensive Type.

Intensive Type.

Focusing Type.



Distribution of Extensive Reflector.

No. 106225E (E3) —*Clear*, diam. 5⅝ in., height 4 in., for form O. holder, used with 25 Watt Tungsten, 40 Watt Tantalum, and 40 or 50 Watt Gem lamps, each..... $0.60

No. 0106225E (E3) —*Satin finish*, otherwise same as No. 106225E.....each .70

SIXTY IN A STANDARD PACKAGE.

No. 106230E (E5) —*Clear*, diam. 6⅜ in., height 4½ in., used with 40 Watt Tungsten and a form H. holder or 80 Watt Gem and a form O. holder.....each .65

No. 0106230E (E5) —*Satin finish*, otherwise same as No. 106230E.....each .75

FORTY IN A STANDARD PACKAGE.

No. 106250E (E7) —*Clear*, diam. 6¾ in., height 5 in., for a form H. Holder, used with 60 Watt Tungsten, 80 Watt Tantalum and 100 Watts Gem lamps..each .70

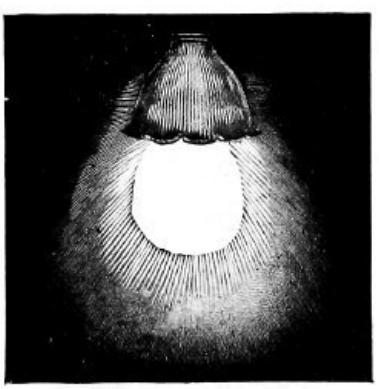
No. 0106250E (E7) —*Satin finish*, otherwise same as No. 106250E.....each .80

FORTY IN A STANDARD PACKAGE.

No. 106280E (E9) —*Clear*, diam. 7¾ in., height 5¾ in., for a form H. holder, used with 100 Watts Tungsten and 125 Watts Gem lamps.....each .95

No. 0106280E (E9) —*Satin finish*, otherwise same as No. 106280E.....each 1.10

FORTY IN A STANDARD PACKAGE.



Distribution of Intensive Reflector.

No. 106125E (I-3) —*Clear*, diam. 6 in., height 4½ in., for form O. holder, used with 25 Watt Tungsten, 40 Watt Tantalum, 40 or 50 Watt Gem lamps...each $0.65

No. 0106125E (I-3)—*Satin finish*, otherwise same at No. 106125E.....each .75

SIXTY IN A STANDARD PACKAGE.

No. 106130E (I-5) —*Clear*, diam. 6⅞ in., height 4⅛ in., used with 40 Watt Tungsten and a form H. holder or a 80 Watt Gem and a form O. holder..each .70

No. 0106130E (I-5)—*Satin finish*, otherwise same as No. 106130E.....each .80

FORTY IN A STANDARD PACKAGE.

No. 106150E (I-7) —*Clear*, diam. 7⅜ in., height 5¾ in., for a form H. holder, used with a 60 Watt Tungsten, 80 Watt Tantalum or a 100 Watt Gem lamps each .85

No. 0106150E (I-7)—*Satin finish*, otherwise same as No. 106150E.....each .98

FORTY IN A STANDARD PACKAGE.

No. 106180E (I-9) —*Clear*, diam. 8 in., height 6⅛ in., for a form H. holder, used with a 100 Watt Tungsten or a 125 Watt Gem lamp.....each 1.05

No. 0106180E (I-9)—*Satin finish*, otherwise same as No. 106180E.....each 1.20

FORTY IN A STANDARD PACKAGE.

Distribution of Focusing Reflector.

No. 106325E (F3) —*Clear*, diam. 6½ in., height 4½ in., for form O. holder, used with 25 Watt Tungsten, 40 Watt Tantalum, and a 40 or 50 Watt Gem lamp, each..... $0.65

No. 0106325E (F3) —*Satin finish*, otherwise same as No. 106325E.....each .75

SIXTY IN A STANDARD PACKAGE.

No. 103330E (F5) —*Clear*, diam. 7¾ in, height 4¾ in., used with a 40 Watt Tungsten and a form H. holder or an 80 Watt Gem and a form O. holder, each .70

No. 0106330E (F5) —*Satin finish*, otherwise same as No. 106330E.....each .80

FORTY IN A STANDARD PACKAGE.

No. 106350E (F7) —*Clear*, diam. 8 in., height 5½ in., for form H. holder, used with 60 Watt Tungsten, 80 Watt Tantalum, and 100 Watt Gem lamp...each .85

No. 0103350E (F7) —*Satin finish*, otherwise same as No. 106350E.....each .98

FORTY IN A STANDARD PACKAGE.

No. 106380E (F9) —*Clear*, diam. 8¼ in., height 6¼ in., for form H. holder, used with 100 Watt Tungsten and 125 Watt Gen lamp.....each 1.05

No. 0106380E (F9) —*Satin finish*, otherwise same as No. 106380E.....each 1.20

FORTY IN A STANDARD PACKAGE.

Satin finish is a very light frosting on the inside of the reflector which does not affect the reflecting value very much, but does soften the glare. It gives a soft, beautiful appearance. Bowl frosted lamps with satin finish reflectors are recommended.

SHADES HOLDER WILL NOT BE SHIPPED UNLESS ORDERED. The special holders specified for shades and lamps should always be used to get the proper reflector value.

These reflectors are packed in cases of ten each, except Nos. 106225E, 0106225E, 106125E, 0106125E, 106325E and 0106325E, which are packed twenty in a case.

Cases may be assorted to make a standard package quantity.

HOLOPHANE REFLECTORS.

No. 2544E.

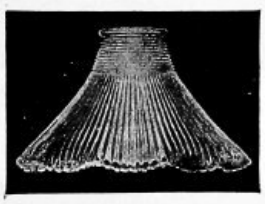
No. 2545E.

No. 2544E—Diam. 4½ in., height 2 in., for 1⅝ in. holder .....per hundred $46.00

No. 2545E—Diam. 4½ in., height 2 in., for 1⅝ in. holder .....per hundred 46.00

STANDARD PACKAGE; FIFTY TO A BBL.

These are for standard round lamps.



No. 2631E.

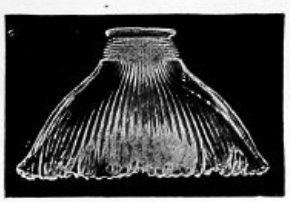
No. 2631E—Diam. 5½ in., height 3½ in., 1⅝ in. holder included...per hundred $71.00

STANDARD PACKAGE; ONE HUNDRED AND TWENTY TO A BBL.

No. 2633E—Diam. 6 in., height 3¾ in., 2¼ in. holder included...per hundred 83.00

STANDARD PACKAGE; EIGHTY IN A BBL.

These are for standard lamps, concentrating type.



No. 2621E.

No. 2621E—Diam. 6 in., height 3¾ in., 1⅝ in. holder included .per hundred $ 71.00

STANDARD PACKAGE; NINETY IN A BBL.

No. 2623E—Diam. 6½ in., height 3½ in. for a 2¼ in. holder, per hundred..... 83.00

STANDARD PACKAGE; NINETY IN A BBL.

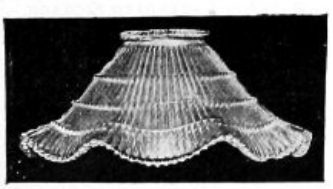
No. 2673E—Diam. 7½ in., height 4¼ in., for 2¼ in. holder, per hundred..... 100.00

STANDARD PACKAGE; FIFTY IN A BBL.

No. 2651E—Diam. 9½ in., height 5 in., for 2¼ in. holder, per hundred 158.00

STANDARD PACKAGE; TWENTY IN A BBL.

These are for standard lamps, concentrating type.



No. 9004E—Diam. 7 in., height 3¼ in., for 2¼ in. holder.....per hundred $75.00

STANDARD PACKAGE; SEVENTY IN A BBL

For standard lamps.

No. 9623E.

No. 9623E—Diam. 6⅜ in., height 3⅞ in., for 2¼ in. holder, per hundred..... $ 83.00

STANDARD PACKAGE; SEVENTY IN A BBL.

No. 9633E—Diam. 6¼ in., height 4 in., for 2¼ in. holder, shape like 2631E, equal prism....per hundred 83.00

STANDARD PACKAGE; SEVENTY IN A BBL.

No. 9673E—Diam. 7½ in., height 4⅜ in., for 2¼ in. holder, per hundred..... 100.00

STANDARD PACKAGE; FIFTY IN A BBL.

No. 9651E—Diam. 9⅜ in., height 5 in., for 2¼ in. holder, per hundred..... 158.00

STANDARD PACKAGE; TWENTY IN A BBL.

These are for standard lamps, concentrating type.

No. 9000E—Diam. 7 in., height 3 in., for 2¼ in. holder.....per hundred $75.00

STANDARD PACKAGE; SEVENTY IN A BBL.

For standard lamps.

No. 9693E—Diam. 6⅝ in., height 4 13/16 in., for 2¼ in. holder, per hundred..... $119.00

STANDARD PACKAGE; FORTY IN A BBL.

For standard lamps.

No. 7381E.

No. 7301E—Diam. 5¾ in., height 3¼ in., for 2¼ in. holder, per hundred..... $ 95.00

STANDARD PACKAGE; SEVENTY IN A BBL.

No. 7381E—Diam. 6¾ in., height 4⅞ in., for 2¼ in., holder, per hundred..... 122.00

STANDARD PACKAGE; THIRTY IN A BBL.

No. 7391E—Diam. 7¼ in., height 5¾ in., for 2¼ in. holder, per hundred..... 182.00

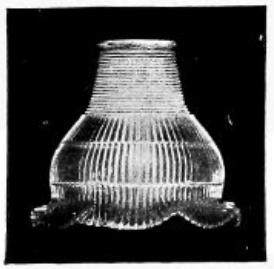
STANDARD PACKAGE; THIRTY IN A BBL.

These are for standard lamps, bowl type.

No. 9002E—Diam. 7 in., height 2⅞ in., for 2¼ in. holder.....per hundred $75.00

STANDARD PACKAGE; SEVENTY IN A BBL.

For standard lamps.



No. 9696E—Diam. 6 in., height 5 in., for 2¼ in. holder.....per hundred $121.00

STANDARD PACKAGE; SIXTY IN A BBL.

For standard lamps.

No. 4526E.

No. 4526E—Diam. 6 in., height 4½ in., for 2¼ in. holder, per hundred..... $108.00

STANDARD PACKAGE; FIFTY IN A BBL.

No. 4516E—Diam. 5¼ in., height 4⅜ in., for 2¼ in. holder, per hundred..... 121.00

STANDARD PACKAGE SIXTY IN A BBL.

These shades are of French designs and popular where it is desired to break away from conventional lines without sacrificing much in efficiency. For standard lamps.

No. 7420E.

No. 7420E—Diam. 6 9/16 in., height 5 13/32 in., for 2¼ in. holder, per hundred..... $125.00

STANDARD PACKAGE; FORTY IN A BBL.

No. 7400E—Diam. 4¾ in., height 4 5/16 in., for 2¼ in. holder, less skirt, per hundred 108.00

STANDAKD PACKAGE SIXTY IN A BBL.

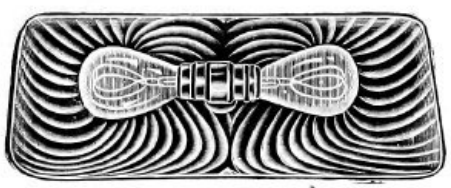
These reflectors can be used with the Tungsten lamp with the form H holder.

ALL LAMP SHADES ON THIS PAGE ARE CLEAR.

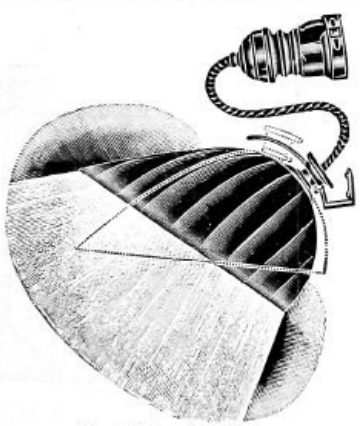
X-RAY REFLECTORS AND SHADES.

"POKE BONNET" WINDOW REFLECTORS.

No. 750E. Fig. A.



No. 750E. Showing Lamps and Socket Connector.



No. 750E. End View.

No. 750E—Complete, wired ready to install, - each $6.50
No. 751E—Complete, wired with 1 ft. stem, - " 7.25

Each "Poke Bonnet" is made in 14 in. sections. They can be used as a continuous trough, but its efficiency is so great it is usually installed some distance apart.

EIGHT IN A BARREL. GROSS WEIGHT ABOUT 70 LBS.

CEILING REFLECTORS.

No. 660E—Flat, 14 in. diam., for 3¼ in. holder, per dozen $18.00
No. 661E—Flat, 16 in. diam., for 3¼ in. holder, " 21.00
No. 662E—Flat, 18 in. diam., for 3¼ in. holder, " 24.00

NO. 660E, 1¼ DOZEN; NOS. 661E AND 662E, 1 DOZEN IN A BARREL.

No. 695E—Flat, 8 in. diam., for 2¼ in. holder, per dozen, $10.50
No. 693E—Flat, 10 in. diam., for 2¼ in. holder, " 12.00

NO. 695E, 3 DOZEN; NO. 693E, 1½ DOZEN IN A BARREL.

HELMET REFLECTORS.

No. 850E. Fig. A.

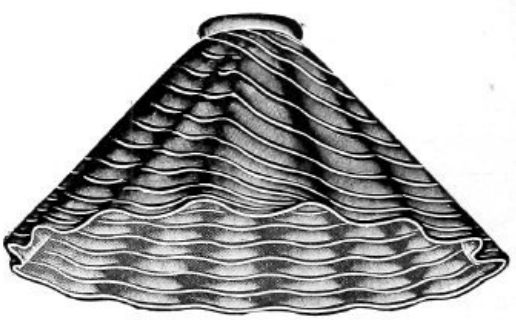
No. 850E. Fig. B.

No. 850E—Diam. 12½ in., height 11½ in., for 3¼ in. holder, - - - - - - each $6.00

This reflector is recommended for high and shallow windows and take a single 125 watt. 50 candle power high efficiency gem lamp. All light is concentrated in the window. It shows a great increase in illumination and decrease in current. The tip end candle power is over 400 or about three times as great as any other concentrating reflector.

FOUR IN A BARREL. WEIGHT ABOUT 100 LBS.

SHADES.



No. 696E—Deep cone, 8 in. diam., 5 in. deep, for 2¼ in. holder, - - - - - - - per dozen $10.50
No. 697E—Deep cone, 10 in. diam., 5½ in. deep, for 2¼ in. holder, - - - - - - per dozen 12.00

X-Ray shades and reflectors are finest crystal glass, plated with pure sterling silver by a new process which gives the reflecting surface great brilliancy. This plating is protected by green enamel, making the shade neat and attractive besides very useful.

NO. 696E, 2 DOZEN NO. 697E, 1½ DOZEN IN A BARREL.

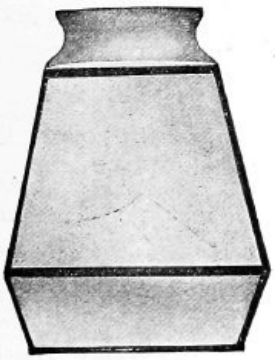
No. 6197E—X-Ray, diam. 6¼ in., depth 2¼ in., for 2¼ in. holder, - - - - - - per dozen $9.00

For ornamental purposes such as side lights for show windows, fancy fixtures; chandeliers, clusters and pendants.

FIVE DOZEN IN A BARREL.

ELECTRIC SHADES.

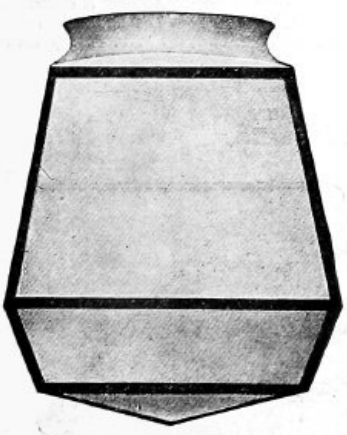
BLACK LEADED, COLONIAL AND MISSION STYLES.



No. 2524E—Mission pattern, satin finish, diam. 4 in., height 5 in., for 2¼ in. holder, open bottom, - per dozen $15.00

No. 2526E—Mission pattern, sandblasted inside, diam. 4¼ in., height 4½ in., for 2¼ in. holder, - - per dozen $9.00

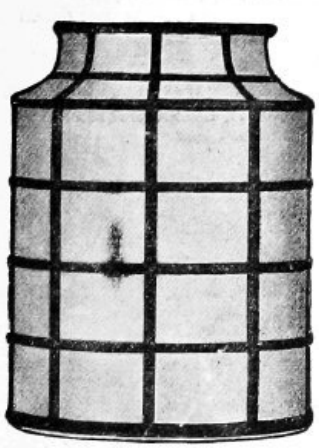
No. 2534E—Colonial pattern, satin finish, diam. 4½ in., height 4⅛ in., for 2¼ in. holder, - - - per dozen $9.00



No. 2525E—Mission pattern, satin finish, diam. 5 in., height 6 in., for 3¼ in. holder, closed bottom, - per dozen $16.00

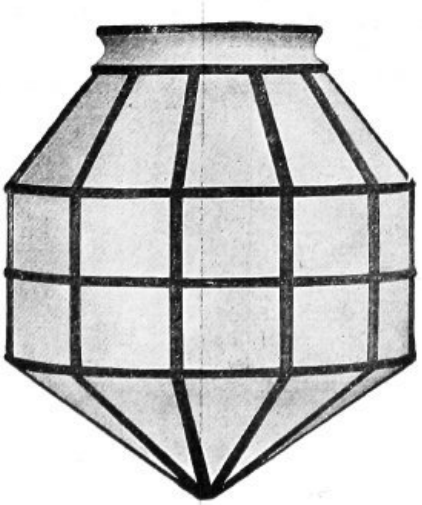
No. 2536E—Colonial pattern, sandblasted inside, diam. 4½ in., height 4½ in., for 2¼ in. holder, - - per dozen $11.00

No. 2532E—Colonial pattern, sandblasted inside, diam. 5 in., height 4¼ in., for 2¼ in. holder, - - per dozen $13.00



No. 2528E—Colonial pattern, sandblasted inside, diam. 3½ in., height 4 in., for 2¼ in. holder, - - per dozen $ 9.00

No. 2530E—Colonial pattern, sandblasted inside, diam. 4½ in., height 5¾ in., for 3¼ in. holder, - per dozen 16.00



No. 2540E—Colonial pattern, sandblasted inside, diam. 6½ in., height 6¾ in., for 3¼ in. holder, - - per dozen $20.00

No. 2538E—Colonial pattern, satin finish, diam. 6 in., height 6½ in., for 3¼ in. holder, - - - - per dozen $25.00

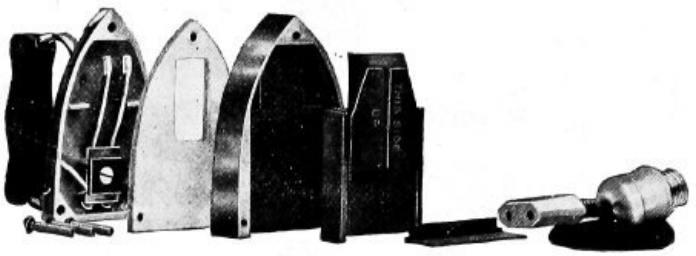
These shades are opal tint, smooth on the outside and either smooth or sandblasted on the inside. The leadea lines are dead black. Especially adapted for dens, halls and fancy lighting.

ELECTRIC SAD IRONS AND TOASTERS.

GENERAL INFORMATION.

VOLTAGES--Voltage desired must be specified in ordering and the device should not be connected to circuit if the voltage varies more than 5 or 6 volts. In order to obtain best results, the voltage of the circuit must be up to that marked on the device. If it is not, the amount of current flowing through it is lessened and the full heat is not obtained. If the voltage is too high more current flows through than should and the tendency is to overheat with the danger of burning out.

Care must be exercised in this respect.



REMOVABLE AND REPLACEABLE ELEMENTS—We have most of our devices with a removable and replaceable heating element, so that it is unnecessary to return a device in case repairs are needed.

It is impractical to construct all apparatus in this way, but all flat irons and devices of that kind are so supplied.

GUARANTY—We guarantee all of these devices to be free from inherent defect in material and workship and will replace any element or part shipped on our orders which is defective, providing of course that the trouble is not due to misuse or neglect on the part of the user.

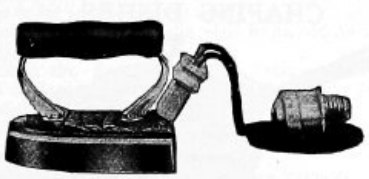
SAD IRONS.

Superior "V" Shape.

No. 6E—Size 6½×4 in., 475 watts, 0 to 125 volts, w't 6 lbs. ..... each $7.50
No. 36E—125 to 250 volts, otherwise same as No. 6E ..... each 8.50

Each iron is furnished complete with detachable plug, 6 ft. conductor cord, separable plug and lamp, socket attachment, coil spring for cord support and special heat insulating stand.

ONE IN A BOX.



American Steel Clad, "V" Shape.

No. 3E—Travellers', size 5½×2¾ in., 250 watts, 0 to 125 volts, w't 3 lbs. each $ 8.50
No. 13E—Travellers', 125 to 250 volts, otherwise same as No. 3E ..... each 9.50
No. 5E—Apartment, size 5¾×3⅜ in., 350 watts, 0 to 125 volts, for light work, w't 5 lbs. ..... each 9.00
No. 15E—Apartment, 125 to 250 volts, otherwise same as 5E ..... each 10.00
No. 7E—Laundry, size 5⅞×3⅞ in., 500 watts, 0 to 125 volts, w't 7 lbs. each 9.00
No. 17E—Laundry, 125 to 250 volts, otherwise same as No. 7E ..... each 10.00

All irons finished in nickel, ebonized handle, 6 ft. cord and stand. Attachment plugs are furnished with Nos. 3E to 7E. Are constructed so the steel slug or heating element can be instantly removed by loosening the screws. The heat is concentrated in the bottom of the iron. The asbestos heat retaining wall prevents loss of energy through radiation. New elements can be replaced when necessary without returning irons.

ONE IN A BOX.

SAD IRONS.

American Steel Clad "V" Shape.

No. 9E—Standard Laundry, size 6½×4¼ in., 700 watts, 0 to 125 volts, w't 9 lbs. ..... each $11.50
No. 19E—Standard Laundry, 125 to 250 volts, otherwise same as No. 9E, each 12.50
No. 26E(16V)—Pant, 8½×5⅝ in., 900 watts, 0 to 125 volts, w't 16 lbs., each★ 19.00
No. 126E—Pant, 125 to 250 volts, otherwise same as No. 26E★ ..... each 20.00
No. 28E(20V)—Slightly heavier than No. 26E, size 8½×5⅝ in., 900 watts, 0 to 125 volts, w't 20 lbs★ ..... each 20.50
No. 128E—125 to 250 volts, otherwise same as No. 28E★ ..... each 21.50

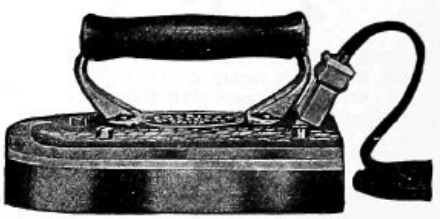
These are very large and are designed and adapted for the use of manufacturers, and made to give a large volume of heat, and are adapted for heavy work of all kinds.

ONE IN A BOX.

ELEMENTS FOR SAD IRONS.

No. 16E—For No. 6E, 0 to 125 volts, each $3.00
No. 37E—For No. 36E, 125 to 250 volts, each 4.00
No. 113E—For Nos. 3E, 5E and 7E, 0 to 125 volts, w't 1½ lbs ..... each 3.00
No. 123E—For No. 13E, 125 to 250 volts, w't 1 lb ..... each 3.50
No. 215E—For Nos. 15E and 17E, 125 to 250 volts, w't 1½ lbs ..... each 4.00
No. 209E—For No. 9E, 0 to 125 volts, w't 2½ lbs ..... each 4.00
No. 219E—For No. 19E, 125 to 250 volts, w't 2½ lbs ..... each 5.00
No. 212E—For Nos. 12E and 16E, 0 to 125 volts, w't 2½ lbs ..... each 6.00
No. 320E—For No. 20E, 0 to 125 volts, w't 3½ lbs ..... each 6.50
No. 322E—For Nos. 112E and 16E, 125 to 250 volts, w't 2½ lbs ..... each 7.00
No. 420E—For Nos. 220E, 24E, 26E and 28E, 0 to 125 volts, w't 4 lbs ..... each 7.00
No. 422E—For No. 120E, 125 to 250 volts, w't 3½ lbs ..... each 7.50
No. 424E—For Nos. 222E, 124E, 126E and 128E, 125 to 250 volts, w't 4 lbs., each 8.00

SAD IRONS.



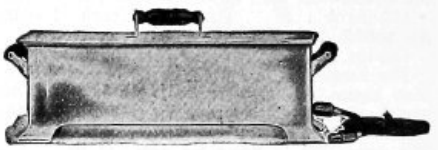
American Steel Clad, Tailors.

No. 12E—Light, size 9½×3¼ in., 625 watts, 0 to 125 volts, w't 12 lbs★ each $16.50
No. 112E—Light, 125 to 250 volts, otherwise same as No. 12E★ ..... each 17.50
No. 16E—Medium, size 9½×3¼ in., 625 watts, 0 to 125 volts, w't 16 lbs., each★ 18.00
No. 116E—Medium, 125 to 250 volts, otherwise same as No. 16E★ ..... each 19.00
No. 20E—Standard, size 11×3¾ in., 700 watts, 0 to 125 volts, w't 20 lbs., each★ 20.00
No. 120E—Standard, 125 to 250 volts, otherwise same as No. 20E★ ..... each 21.00
No. 220E(20HP)—Size 11×3¾ in., 1000 watts, 0 to 125 volts, w't 20 lbs., each★ 20.50
No. 222E—125 to 250 volts, otherwise same as No. 220E★ ..... each 21.50
No. 24E—Heavy, size 11×4 in., 1000 watts, 0 to 125 volts, w't 24 lbs★ each 21.50
No. 124E—Heavy, 125 to 250 volts, otherwise same as No. 24E★ ..... each 22.50

Designed especially for manufacturers' work, and should not be attached to lamp sockets, but wired specially. Are constructed so the steel slug or heating element can be instantly removed.

ONE IN A BOX.

ELECTRIC TOASTER.



No. 5810E—Size 5½×5¾×9¾ in., 350 watts, 0 to 250 volts, w't 4½ lbs. each $10.00

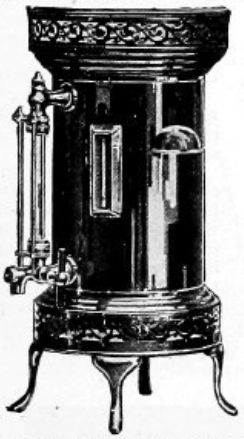
Furnished complete with 6 ft. detachable silk cord, plug contacts and attachment plug.

Is designed for making toast on the breakfast table or for afternoon tea, and absolutely free from odor, dirt and danger of fire.

★*FOR FACTORY SHIPMENT ONLY. VOLTAGE DESIRED MUST BE SPECIFIED IN ORDERING.*

ELECTRIC HEATING APPLIANCES.

HOT WATER URNS.



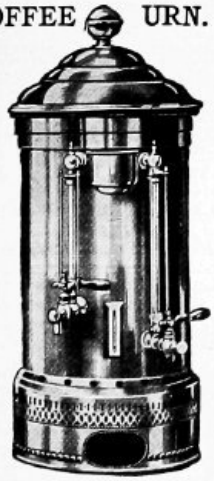
No. 4320E—2 gal., made of heavy copper, finished in nickel, double tin lining, fitted with gauge glass thermometer and tumbler warmer arrangement, 6 ft. of flexible cord and porcelain three-heat plug switch, w't crated 24 lbs.★.....each $37.00

No. 4325E—3 gal., otherwise same as No. 4320E, w't crated 25 lbs.★.....each 54.00

No. 4330E—5 gal., otherwise same as No. 4320E, w't crated 45 lbs★..each 68.00

The heaters are all arranged for three heats. The maximum to bring the water to boil. The minimum heat, one-quarter of the maximum, to keep the water at the boiling point.

COFFEE URN.



0 to 250 Volts.

No. 4420E—10 qt., 1400 watts, w't 80 lbs.★.....each $ 95.00

No. 4430E—14 qt., 2000 watts, w't 105 lbs.★.....each 110.00

No. 4440E—22 qts., 3200 watts, w't 115 lbs.★.....each 140.00

No. 4450E—36 qts., 4200 watts, w't 150 lbs.★.....each 170.00

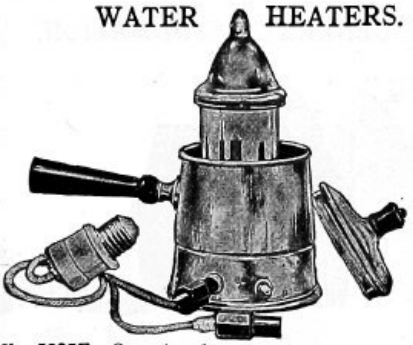
The heating is accomplished by a new type of plate heater, directly attached to the bottom of the urn, the plate having new type "Steel Clad" elements.

The heaters are all arranged for three heats. The maximum to bring the water to boil. The minimum heat, one-quarter of the maximum, to keep the water at the boiling point.

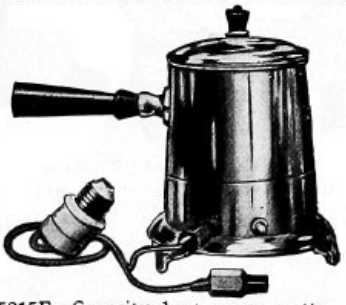
Are made in the best possible manner of heavy copper. The coffee receptacles are of stoneware. The urns are fitted with double gauge glasses, faucets, thermometers, etc., and are finished in polished nickel.

The receiver with cotton fabric filter is simple and easily arranged.

WATER HEATERS.

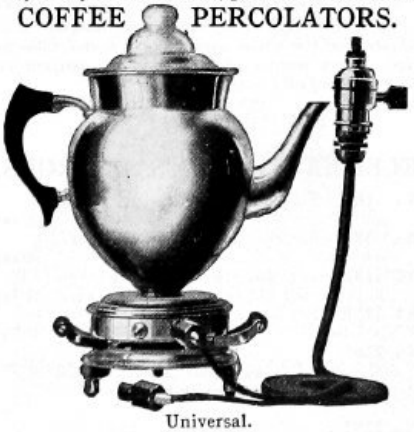


No. 5205E—Capacity 1 pt., max. watt cons, 275, made of spun copper, finished in nickel or copper, double silver lined, ebonoid handles, and equipped with replaceable heating elements, with detachable 6 ft. silk cord, plug contacts, and separable attachment plug, without bottle, unless specially ordered, w't 2 lbs.★.....each $10.00



No. 5215E—Capacity 1 qt., max. watt cons. 400, made of spun copper, finished in nickel or copper, double silver lined, ebonoid handles, and equipped with replaceable heating elements, with detachable 6 ft. silk cord, plug contacts and separable attachment plug, without bottle, unless specially ordered, w't 3½ lbs★..each $12.00

COFFEE PERCOLATORS.



Universal.

No. 2206E—Capacity 6 cups, empire type, watts 350.★.....each $15.00

No. 2209E—Capacity 9 cups, Empire type, watts 350.★.....each 16.50

No. 2214E—Capacity 14 cups, Empire type, watts 350.★.....each 18.00

This type, the well-known "Universal," equipped with disc stoves (No. 3210-E). The percolator and heater are separate. The stove heats quickly and the percolator begins to pump within a short time after the current is turned on. The stove is finished in polished nickel. The percolator is made entirely of aluminum. Furnished complete with six feet of detachable cord, and attachment plug.

COFFEE MACHINE.

Universal, 325 Watts.

No. 2204E—Round type, capacity 4 cups.★.....each $22.00

No. 2006E—Round type, capacity 6 cups.★.....each 24.00

No. 2009E—Round type, capacity 9 cups.★.....each 26.00

No. 2104E—Fluted type, capacity 4 cups.★.....each 26.00

No. 2106E—Fluted type, capacity 6 cups.★.....each 28.00

No. 2109E—Fluted type, capacity 9 cups.★.....each 30.00

This type of percolator, is the well-known "Universal," permanently equipped with special "American Steel Clad" heating elements. It produces incomparable results. This machine will operate better than any other type, as the heating elements are attached directly to the automatic valve in the bottom of the machine. Only a small volume of the water is heated in the valve chamber at any one time. It will begin to pump in about one minute after the current is turned on. The interior surface being plain and smooth, it is very easy to keep in perfect condition. Every percolator is fully equipped with detachable cord, and is ready for instant service.

CHAFING DISHES.

No. 335E—2 pints, nickel plated, 500 max. watts, w't 16 lbs.★.....each $22.50

No. 345E—3 pints, nickel plated, 500 max. watts, w't 16 lbs.★.....each 25.00

No. 337E—2 pints, silver plated, 500 max. watts, w't 16 lbs.★.....each 33.00

No. 347E—3 pints, silver plated, 500 max. watts, w't 16 lbs.★.....each 37.00

Made of heavy spun copper, finished in polished nickel or copper as desired, double tin lined, ebonoid handles. The stove is standard 6 in. top, with "Steel Clad" elements attached. A quick heater; has adjustable legs so that it may be used on any standard chafing dish by simply removing the alcohol stove and putting the electric stove in its place.

Three heats may be obtained and the minimum heat is used to do the cooking as soon as the water has begun to boil.

Furnished complete ready for attachment to circuit, with detachable 6 feet silk cord, plug contacts and attachment plug.

Polished nickel always shipped unless otherwise ordered.

★*FOR SHIPMENT FROM FACTORY ONLY. VOLTAGE DESIRED MUST BE SPECIFIED IN ORDERING.*

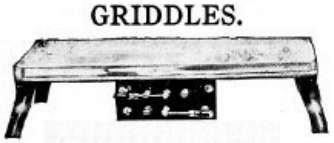
ELECTRIC HEATING APPLIANCES.

TEA KETTLES.

No. 5415E—Capacity 1 qt., max. watt cons. 400, made of *spun copper*, with heavy cast handles, is double silver lined and finished in heavy nickel or copper, complete with detachable 6 ft. silk cord, plug contacts and separable attachment plug; also stand, w't 4 lbs. ★ ..... each $15.00

No. 5425E—Polished *silver*, otherwise same as No. 5415E★ ..... each 23.00

GRIDDLES.



NO.	WIDTH	LENGTH	HEAT	MAX. WATT.	W'T LBS.	EACH.
2820E	7	11	1	800	18★	$18.50
2825E	7	11	3	800	18★	21.50
2830E	9	18	3	1200	38★	29.00
2840E	12	18	3	1500	40★	32.00
2850E	12	24	3	1700	60★	44.00
2870E	18	24	3	2600	88★	75.00
2880E	15	30	3	3000	95★	83.00

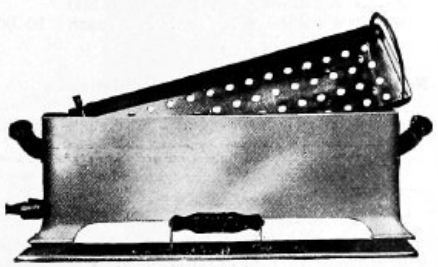
These plates are all equipped with the new "Steel Clad" heating elements, directly attached. They are light quick heaters. Will heat to a slightly higher temperature, and at the same time are more durable.

For restaurant and hotel use we suggest a number of the smaller units placed side by side, the advantage being in the current consumption, as only a sufficient number of plates need be turned on in order to perform the work at hand.

Griddles are finished with a finely polished planed surface, and furnished complete ready for attachment to circuit.

Made for various intermediate voltages up to 250.

INSTRUMENT STERILIZER.



0 to 250 Volts.

No. 5916E—Inside length 16½ in., width 4⅞ in., depth 3¾ in., max. watts, 900, w't 18 lbs. ★ ..... each $30.00

Made with "Steel Clad" heating elements attached directly to the bottom, insuring quick heating. For use of surgeons in the office or operating room, is large enough to take all ordinary instruments. Equipped complete with aluminum tray, cover and 5-ft. detachable cord and plug contact, etc., made for three different heats.

ONE IN A BOX.

DISC STOVES.

Industrial Style.

NOS.	DIAM. IN.	MAX. WATT CONS.	HEAT REG.	WEIGHT LBS.	EACH.
3260E	8	800	1	14★	$13.00
3265E	8	800	3	14★	17.00
3270E	10	1100	1	20★	16.00
3275E	10	1100.	3	20★	20.00
3280E	12	1500	1	38★	20.00
3285E	12	1500	3	38★	24.00

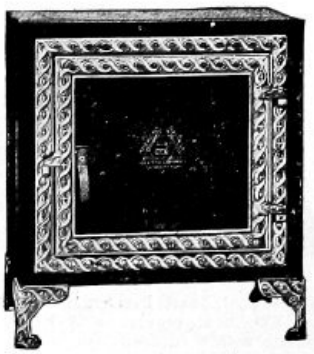
The top plate is constructed with steel clad heating elements directly attached. There is absolutely no wire, porcelain, enamel or cement used in their construction. They are made of cast-iron, heavily nickel-plated, and are ready for attachment to any circuit. They have exceedingly long life, and if the proper size is selected to do the work required, they will give perfect satisfaction. They are intended for laboratory or industrial work of all kinds, but may be used for boiling water or any other liquid. Flat bottom dishes or one covering the entire surface of the stove should always be used. They are made in various dimensions up to 12 inches. The three heat stoves are equipped with four feet of cord and porcelain plug. The single heat stoves are equipped with binding posts only.

Domestic Style.

NOS.	DIAM. IN.	WATTS.	WEIGHT LBS.	EACH.
3210E	4	350	8★	$7.00
3221E	5	400	10★	8.25
3281E	6	450	18★	9.50

This new type, domestic style, is very neat in appearance. The legs have fiber points to prevent scratching a finished surface, and the handles enable it to be removed while hot without burning the hands. The heater is furnished with "Steel Clad" heating elements, and is finished in polished nickel, fully equipped with detachable cord.

OVENS.



0 to 250 Volts.

No. 1012E—Inside width 12 in., depth 12 in., height 12 in., max. watts 1200, w't 50 lbs. ★ ..... each $35.00

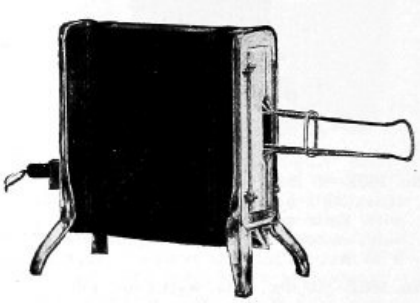
No. 1014E—Inside width 14 in., depth 14 in., height 12 in., max. watts 1300, w't 55 lbs. ★ ..... each 46.00

No. 1016E—Inside width 16 in., depth 16 in., height 12 in., max. watts 1400, w't 65 lbs. ★ ..... each 51.00

No. 1018E—Inside width 18 in., depth 18 in., height 12 in., max. watts 1500, w't 80 lbs. ★ ..... each 54.00

The electric oven is practically perfect. It is made so that it heats evenly on the top, bottom and sides, always heats to the same temperature in a given length of time so that it is possible to always reproduce the same results. All ovens are arranged for three heats.

BROILERS.



No. 5608E—Broiling surface 8×10 in., end pieces cast iron, finished in nickel, japanned steel casing, detachable 6 ft. cord, plug contacts and switch, w't crated 22 lbs. ★ ..... each $24.00

The heating elements are mounted on grids, which are removable and replaceable. The bottom of the broiler is arranged so that the greases will drain and drip into a cup. It is adapted for ordinary household use, or for use in restaurants, and other places for broiling small and medium steaks.

★*FOR FACTORY SHIPMENT ONLY- VOLTAGE DESIRED MUST BE SPECIFIED IN ORDERING.*

ELECTRIC HEATING APPLIANCES.

GLUE POTS.

No. 141E—1 qt., cast iron, max. watt cons. 450, heat regulation 3 heats, complete with 6 ft. cord, 3 heat porcelain plug switch, shipping w't 18 lbs. each. ★..... $20.00

No. 143E—2 qt., max. watt cons. otherwise same as No. 141E, shipping w't 25 lbs. ★.....each 23.00

Maximum watt capacity is only required in first starting to bring the glue to the proper consistency. One-quarter of the full amount is then sufficient to keep it there. These glue pots are well constructed, the heating element completely surrounding the water vessel and they have the advantage of being free from dirt or odor, fire, and danger from fire. By means of the regulating switch it is possible to reduce the current in the heater, so that the glue is kept at just the proper consistency.

SOLDER POTS.

No. 165E—5 lbs., cast iron, max. watt cons. 250, heat regulation 3 heats, with knife switch and binding post only, no cord or attachment plug, w't 9 lbs. ★.....each $12.50

No. 166E—10 lbs., max. watt cons. 450, otherwise same as No. 165E, w't 10 lbs. ★.....each 18.50

No. 167E—20 lbs., max. watt cons. 900, otherwise same as No. 165E, w't 16 lbs. ★.....each 24.00

No. 177E—50 lbs., max. watt cons. 1500, otherwise same as No. 165E, w't 25 lbs. ★.....each 30.00

The pots are intended for melting comparatively small quantities of solder, babbitt metal, lead and similar metals. They melt the metal quickly, and by means of the regulating switch it is then possible to reduce the current so that the metal is kept in a molten condition. Very substantial and durable.

DETACHABLE CORDS.

For Sad Irons Only.

No. 830E—Complete with No. 803E detachable plug, and separable lamp socket attachment plug. ★.....each $1.90

No. 831E—With No. 803E detachable plug only ★.....each 1.50

No. 832E—Cord only. ★..... " .80

For Water Heaters, Disc Stoves, Etc.

No. 817E—Complete with detachable contact plugs and lamp socket attachment plug, *double* conductor. ★...each $2.00

No. 820E—*Triple* conductor otherwise same as No. 817E. ★.....each 2.75

No. 818E—Cord only, *double* conductor, each. ★..... .80

No. 821E—Cord only, *triple* conductor, each. ★..... 1.20

DETACHABLE PLUGS.

No. 803E—Complete with contacts and non-kink springs. ★.....each $0.70

These plugs are of a special asbestos composition and will not crack or break under any ordinary conditions of usage. This plug is used on all standard "Steel Clad" irons. We use but one size which will fit all irons.

TEMPERATURE REGULATORS.

No. 472E—5½ in. diam. height over all 3 in., for regulating devices consuming not over 250 watts, w't 2½ lbs. ★. each $8.50

No. 400E—10×10½ in., for regulating device consuming not more than 400 watts, w't 9 lbs. ★.....each $ 9.00

No. 401E—10×10½ in., for regulating device consuming not more than 600 watts, w't 9 lbs. ★.....each 9.50

No. 402E—10×10½ in., for regulating device consuming not more than 800 watts, w't 9 lbs. ★.....each 10.00

No. 403E—10×10½ in., for regulating device consuming not more than 1000 watts, w't 9 lbs. ★.....each 10.50

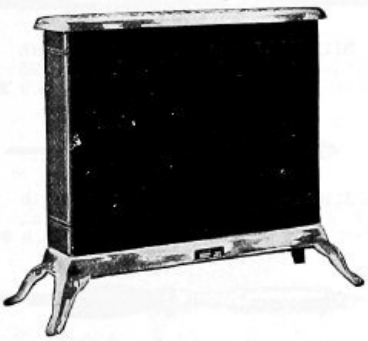
Rheostats are intended for use in connection with different appliances for reducing or regulating the temperature, as for instance on our laundry and tailor irons, where irons are left between times without any work to do, or where irons are used for a variety of purposes on different kinds of work, where a finely graduated degree of heat is required.

By means of the rheostat, it is possible to regulate the temperature of irons from full heat to just enough to keep them warm, and to maintain any desired temperature between the two extremes. Only one device can be operated at a time with one rheostat.

FOR FACTORY SHIPMENT ONLY. VOLTAGES DESIRED MUST BE SPECIFIED IN ORDERING.

ELECTRIC HEATERS, RADIATORS, MEDICAL BATTERIES, ETC.

AIR HEATERS.



NOS.	MAX. WATTS.	HEAT.	APPROXIMATE CAPACITY TO HEAT CUBIC FT. OF AIR.	EACH.
		Portable Type.		
4210E	750	1	375★	$15.50
4212E	1000	1	500★	17.00
4220E	1500	1	750★	20.00
4225E	1500	3	750★	24.50
		Wall Type.		
4110E	750	1	375★	$15.50
4112E	1000	1	500★	17.00
4120E	1500	1	750★	20.00
4125E	1500	3	750★	24.50

IF LARGER SIZES DESIRED WRITE FOR DESCRIPTION AND PRICES.

All heaters are constructed with heavy nickeled iron tops and bottoms and black japanned steel casings. They are very neat in appearance. The dimensions vary from 12 in. length, 12 in. height, 3 in. width, to 20 in. length, 17 in. height, 4½ in. width. Shipping weights vary from 14 lbs. to 50 lbs. The heaters are furnished complete, the single heat without switches the No. 4125E, has the switches attached.

The heaters will work equally well on direct or alternating current circuits. In ordering, it is necessary to specify voltage. Wall type heaters equipped with brackets for attachment to the wall can be furnished if desired.

WARMING PADS.

No. 1815E—12×13 in., max. watt cons. 60, 10 ft. cord, switch, separable attachment plug, w't 16 oz.★.....each $11.00

Takes the place of the hot water bottle, consists of a flexible electric heating element cased in canvas with an outer casing of eiderdown or rubber cloth, the outer case being removable and washable.

This pad is endorsed by the leading physicians and is used in the home, hospitals and institutions of all kinds. It is always ready for instant use by merely screwing the attachment plug into the lamp socket.

LUMINOUS RADIATORS.

No. 6020E—Height 19 in., width 18 in., depth 7½ in., w't 30 lbs.★.....each $17.00

The "Detroit" luminous radiator is of a neat design and presents a very attractive appearance, for use in the parlor, drawing room, stateroom, hallway, bathroom or office, because of its cheerful, warm glow. It is particularly adapted for intermittent service where a moderate amount of reflected radiated heat is desired.

The radiator is equipped with the three-heat switch so that it is possible to turn on one, two or three elements as desired.

The luminous elements (heater lamps) are made for either 250 or 500 watts and for various intermediate voltages from 100 to 250. They are all equipped with standard Edison base and the bulbs are frosted.

By using either 250 watt elements or 500 watt elements, the maximum wattage may be varied from 750 to 1500. By using a combination, the wattage may be 1000 or 1250.

Regularly furnished in standard "brushed brass" finish, but polished brass, polished nickel, or oxidized copper can be furnished on special order at the same price.

Each radiator supplied with 8 ft. detachable cord. The list price above does not include the luminous elements, in estimating cost, include the price with three elements. The list price of the radiator complete with three elements varies from $22.40 to $23.60, depending on the wattage and voltage of the elements selected. Extra elements may be ordered as desired.

ELEMENTS FOR LUMINOUS RADIATORS.

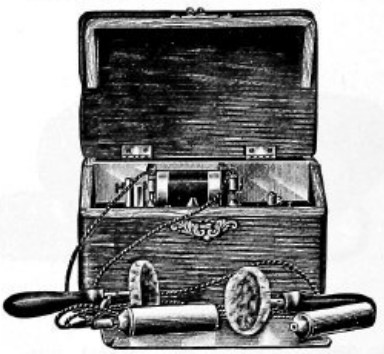
No. 6001E—Watts 250, voltages 0 to 125.★.....each $1.80

No. 06001E—Watts 250, voltages 125 to 250★.....each 2.00

No. 6004E—Watts 500, voltages 0 to 125★.....each 2.00

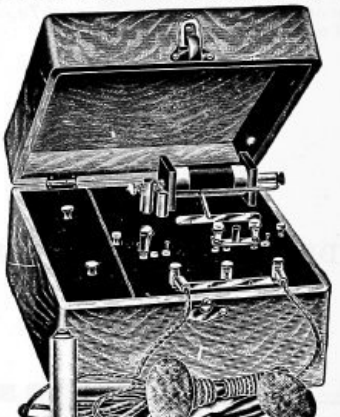
No. 06004E—Watts 500, voltages 125 to 250★.....each 2.20

MEDICAL BATTERIES.



No. 4E—4×5½×6½ in. quarter sawed oak case with nickel plated handle and clasp, interior parts nickel plated, one powerful dry cell in position ready for use, coil and metal parts mounted on highly polished ebonized base, equipped with two sponge electrodes, two ebonized wood handles, two nickel plated hand electrodes, two four foot cords, one nickel plated foot plate, w't 5 lbs., each..... $5.00

No. 3E—5×6×8 in. polished oak case, with nickel plated handle and clasp, interior parts nickel plated, coil and metal parts mounted on highly polished ebonized base, equipped with two dry cells, two four foot silk cords, two nickel plated hand electrodes, two wood handle sponge electrodes, one nickel plated foot plate, w't 7 lbs.....each 7.00



No. 6E—5¾×8¼×8¾ in. highly polished quarter sawed oak case, two dry cells, equipped with improved induction silk mounted coil, improved vibrator post with binding nut, provided with index pointer showing amount of current being used, single and double switch so that either one or both cells may be used, equipped with two conducting cords, two wood handles, two nickel plated handles, one nickel plated foot plate, w't 9 lbs.....each $9.00

The most complete, compact batteries for either physicians or for use in the home. It generates all the different currents, primary, secondary and the two combined.

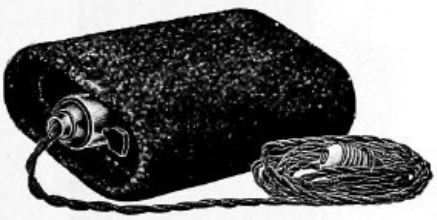
The current can be regulated smooth and even, and any degree of strength obtained, the range of power is sufficient to meet the requirements of strongest man or weakest child.

The dry cells are the only part that can exhaust, and these will last from four to twelve months, according to usage.

★*FOR SHIPMENT FROM FACTORY ONLY. VOLTAGE DESIRED MUST BE SPECIFIED IN ORDERING.*

ELECTRIC HEATING APPLIANCES.

MONARCHO ELECTRIC HEATERS.



No. 990E—10×6×3 in., covered with eiderdown, complete with 10 foot cord, attachment plug and 4 candle-power, 110 volt lamp, w't 2 lbs. ..... each $5.00

All No. 990E heaters are sent out with a 4 C. P. 110 volt lamp. If other voltage lamps are wanted, so specify on orders.

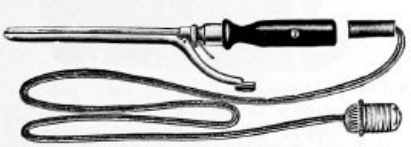
If ordered without lamp 20 cents less.

Monarcho heaters can be connected to any lamp socket, and by placing inside of heater a regular incandescent lamp (4 C. P. recommended) of the proper voltage, it is made ready for use.

Should be in every household where electric current may be had. It takes the place of a hot-water bottle, foot-warmer, and has numerous other uses. It is simple, sanitary and indestructible and the cost of operating is about 1 cent per hour. Where heat and light are wanted at the same time from one socket, No. 1641AE Current Tap can be used at a slight additional cost.

ONE IN A BOX.

DEL ELECTRIC CURLING IRONS.



100 to 125 Volts.

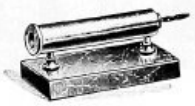
No. 500E—Nickel plated, ebonized handle and thumb button, length over all 11½ in., complete with plug and 9 ft. of silk covered cord ready to attach to socket ..... each $3.75

These irons are detachable and provide a convenient and simple way of making the Marcel Wave, Pompadour and other stylish coiffures. The cost of dressing the hair with the iron is less than one-half of one cent, and fifty per cent cheaper than gas.

ONE IN A BOX.

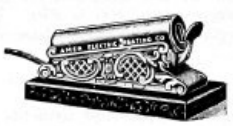
CURLING IRON HEATERS.

No. 117E—Max. Watt Cons., w't 1 lb. each $5.25



No. 111E—Max. Watt Cons., w't 2 lbs., each $5.50

No. 115E—Max. Watt Cons., w't 2 lbs., each $5.75



No. 150E—Max. Watt Cons., w't 2½ lbs., each $5.75

No. 112E—Max. Watt Cons., w't 2 lbs., each $7.00

No. 116E—Max. Watt Cons., w't 2 lbs., each $9.00

Above heaters finished in nickel and have marbleized slate base, 6-ft. cord and attachment plug, except No. 116E. Nos. 150E and 116E have automatic switch which turns on the current when the tongs are inserted, and off when withdrawn.

SOLDERING IRONS.

No. 3111E—Standard telephone, length 13 in., tip A, diam. of tip 7/16 in., 95 watts, w't 15 oz. ★ ..... each $9.25

No. 3110E—For small light work, length 12 in., tip C or D, diam. of tip 7/8 in., 100 watts, w't 1 lb. ★ ..... each $9.25

No. 3121E—For light constant work, length 13 in., tip B, diam. of tip 1/2 in., 130 watts, w't 1½ lbs. ★ ..... each $9.25

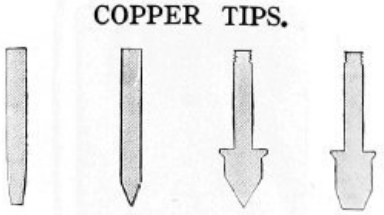
No. 3120E—For all around work, length 12 in., tip C or D, diam. of tip 1 in., 150 watts, w't 1½ lbs. ★ ..... each $9.25

No. 3131E — For manufacturers' use, length 14 in., tip B, diam. of tip 11/16 in., 240 watts, w't 2 lbs. ★ ..... each $11.00

No. 3130E—Length 14 in., tip C or D, diam. of tip 1¼ in., 300 watts, w't 2½ lbs. ★ ..... each $11.00

No. 3140E—Length 16 in., tip C or D, diam. or tip 1⅝ in., 425 watts, w't 4¼ lbs. ★ ..... each $16.00

COPPER TIPS.



A Shape. B. Shape. C. Shape. D Shape.

No. 31110E—A shape, 4 oz. ★ ..... each $0.70
No. 31100E—C or D shape, 4½ oz. ★ " 1.50
No. 31210E—B shape, 5½ oz. ..... " .75
No. 31200E—C or D shape, 8 oz. ★ .. " 1.60
No. 31310E—B shape, 10 oz. ..... " .80
No. 31300E—C or D shape, 14 oz. ★ . " 2.50
No. 31400E—C or D shape, 1½ lbs. ★ " 3.00

NOTE—A or B tips should not be used on irons designed for C or D tips and vice versa. An A tip can be changed into a B tip or a D tip into a C tip, by merely filing it down.

★*FOR SHIPMENT FROM FACTORY ONLY.* *VOLTAGE DESIRED MUST BE SPECIFIED IN ORDERING.*

INCANDESCENT ELECTRIC LAMPS.

SHELBY "USEFUL LIGHT."

(Type A.) Edison Base.

C. P.	STD. PKGS.	100 TO 130 VOLTS.	200 TO 260 VOLTS.	FROSTING. EXTRA
		EACH	EACH	EACH
2	240	$0.20		$0.02½
4	240	.20		.02½
8	240	.20	$0.22	.02½
10	240	.20		.02½
12	240	.20		.02½
16	240	.20	.22	.02½
20	240	.20	.30	.03
24	240	.20	.30	.03

For Tipless lamps add 10 per cent to list.

Natural colored lamps, Green and Blue one and one-half times the list price of the same type candle power and voltage. Purple one and three-quarter times. Ruby and Opal two times, Amber and Canary two and one-half times. For artificially colored lamps, Red, Blue, Orange, Purple, Green and Frosted add 25 per cent to list.

T. H. to Edison and Westinghouse to Edison adapters 1½c each when ordered with an equal number of lamps.

SHELBY SIGN.

(Type A.) Edison Base.

C. P.	STD. PKGS	100 TO 130 VOLTS.	200 TO 260 VOLTS.	FROSTING. EXTRA
		EACH	EACH	EACH
2	240	$0.20		$0.02½
4	240	.20		.02½
5	240		$0.22	.02½

For Tipless lamps add 10 per cent to list.

Natural colored lamps, Green and Blue one and one-half times the list price of the same type candle power and voltage. Purple one and three-quarter times, Ruby and Opal two times, Amber and Canary two and one-half times. For artificially colored lamps, Red, Blue, Orange, Purple, Green and Frosted add 25 per cent to list.

T. H. to Edison and Westinghouse to Edison adapters 1½c each when ordered with an equal number of lamps.

"EQUALITY" REGULAR OVAL ANCHORED.

(Type B.) Edison Base.

C. P.	STD. PKGS.	20 TO 99 VOLTS.	100 TO 130 VOLTS.	200 TO 260 VOLTS.	EXTRA FOR FROSTING.
		EACH	EACH	EACH	EACH
2	240	$0.22	$0.20		$0.02½
4	240	.22	.20		.02½
8	240	.22	.20	$0.22	.02½
10	240	.22	.20		.02½
12	240	.22	.20		.02½
16	240	.22	.20	.22	.02½
20	240	.22	.20	.30	.03
24	240	.22	.20	.30	.03
32	100	.40	.30	.40	.03
50	100			.40	.03
100	20			1.50	.04

For Tipless lamps add 10 per cent to list.

Natural colored lamps, Green and Blue one and one-half times the list price of the same type candle power and voltage. Purple one and three-quarter times; Ruby and Opal two times; Amber and Canary two and one-half times. Subject to type. A discount only.

For artificially colored lamps, Red Blue, Orange, Purple, Green and Frosted add 25 per cent to list.

T. H. to Edison and Westinghouse to Edison adapters 1½c each when ordered with an equal number of lamps.

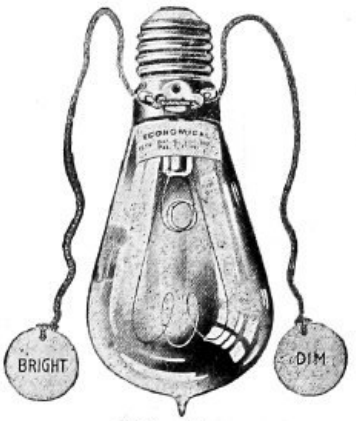
SHELBY FACTORY OR MILL TYPE.

(Type A.) Edison Base.

C. P.	STD. PKGS.	100 TO 130 VOLTS.	EXTRA FOR FROSTING.
		EACH	EACH
16	240	$0.20	$0.02½

These lamps are doubled anchored, extra heavy filament for street railway, factory and mill use.

ECONOMICAL TURN-DOWN.



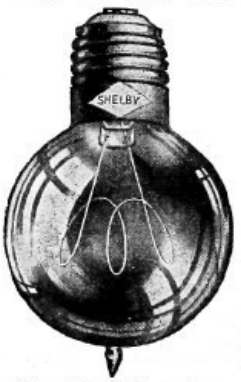
Edison Base.

C. P.	STANDARD PACKAGE	45 TO 130 VOLTS	200 TO 250 VOLTS
		EACH.	EACH.
8×1	200	$0.60	$0.65
16×1	200	.60	.65
32×1	200	.70	

Frosted or superficially colored add 5 cents net per lamp.

Natural colored lamps all colors 25 cents net each.

SHELBY ROUND BULB.



(Type A.) Edison Base.

C. P.	STD. PKGS.	DIAMETER	20 TO 99 VOLTS.	100 TO 130 VOLTS.	200 TO 260 VOLTS.	EXTRA FOR FROSTING.
			EACH.	EACH.	EACH.	EACH.
4	200	2⅝		$0.25		$.02½
8	200	2⅝	$0.30	.25	$0.30	.02½
10	200	2⅝	.30	.25		.02½
16	200	2⅝	.30	.25	.30	.02½
32	100	3⅛		.40	.55	.03
50	50	3¾		.75		.03½

For Tipless lamps add 10 per cent to list.

Natural colored lamps, Green and Blue one and one-half times the list price of the same type candle power and voltage. Purple one and three-quarter times; Ruby and Opal two times; Amber and Canary two and one-half times.

For artificially colored lamps, Red, Blue, Orange, Purple, Green and Frosted add 25 per cent to list.

T. H. to Edison and Westinghouse to Edison adapters 1½ cents each when ordered with an equal number of lamps.

WE PRINT THE STANDARD LIST PRICES. WHERE NO LIST IS GIVEN THE LAMPS ARE NOT MADE.

INCANDESCENT ELECTRIC LAMPS.

SHELBY TUNGSTEN.

Edison Base.

Specify Watts, Volts, Clear, Bowl Frosted or all Frosted, Made Only in Voltages from 100 to 125.

APPROXIMATE C. P.	WATTS	STANDARD PACKAGE	CLEAR	ALL OR BOWL FROSTED
			EACH	EACH
20	25	100	$0.80	$0.85
*32	40	50	.90	.95
32	40	50	1.00	1.05
48	60	50	1.25	1.32
80	100	24	1.60	1.70
120	150	24	2.25	2.40
200	250	12	3.25	3.45

**Small base same as on regular equality lamps. This lamp will not be shipped unless specially ordered.*

Information furnished on Tungsten sign lamps on request.

For tipless add 15 per cent to list.

SHELBY MERIDIAN TUNGSTEN.

Edison Base.
100 to 125 Volts.

APPROXIMATE C. P.	DIAM. IN.	WATTS	STANDARD PACKAGE	CLEAR	ALL OR BOWL FROSTED
				EACH	EACH
No. 1—32	3¼	40	24	$1.25	$1.25
No. 2—48	5	60	24	1.50	1.50

Shipped half frosted from tip up unless otherwise ordered.

For tipless add 15 per cent to list.

SHELBY TANTALUM.

Edison Base.

Specify Watts, Volts, Clear or Frosted, 100 to 125 Volts.

APPROXIMATE C. P.	WATTS	STANDARD PACKAGE	CLEAR	ALL OR BOWL FROSTED
			EACH	EACH
12	25	100	$0.50	$0.52½
20	40	100	.50	.52½
40	80	50	.85	.88

The Tantalum lamp is not guaranteed as to performance on alternating current.

For tipless add 15 per cent to list.

SHELBY MERIDIAN TANTALUM.

Edison Base.

Specify Watts, Volts, Clear or Frosted, 100 to 125 Volts.

APPROXIMATE C. P.	DIAM. IN.	WATTS	STANDARD PACKAGE	CLEAR	ALL OR BOWL FROSTED
				EACH	EACH
No. 1—20	3¼	40	24	$0.75	$0.75
No. 2—40	5	80	24	1.00	1.00

For tipless add 15 per cent to list.

The Tantalum lamp is not guaranteed as to performance on alternating current.

STEREOPTICON.

Edison Base.

C. P.	WATTS	STANDARD PACKAGE	20 TO 99 VOLTS	100 TO 130 VOLTS	200 TO 260 VOLTS
			EACH	EACH	EACH
16	64	200		$0.30	
20	76	200		.40	
32	128	200		.60	
32	115	200		.50	
32	128	50	$0.90	.50	$0.90
50	200	50	1.25	.75	1.25
100	375	20	2.50	1.50	2.50

The 20 C. P. is frosted except a 2 in. round space, largely used by opticians and is called "Bulls Eye" frosted. Bulls eye frosting 25% extra. 32 C. P. 60c list is round. 32 C. P. 50c list is pear shaped.

REFLECTOR.

Edison Base.

TIP C. P. REFLECTOR	WATTS	VOLTS	SILVERED	CLEAR	FROSTING EXTRA
			EACH	EACH	EACH
5	14	20 to 99	$0.40	$0.30	$0.02½
40	35	20 to 99	.40	.30	.02½
50	45	20 to 99	.40	.30	.02½
6	14	100 to 130	.35	.25	.02½
40	35	100 to 130	.35	.25	.02½
50	45	100 to 130	.35	.25	.02½
40	40	200 to 260	.40	.30	.02½
50	52	200 to 260	.40	.30	.02½

These lamps can be had as reflector, all clear, half frosted and all frosted.

ONE HUNDRED IN A STANDARD PACKAGE.

WE PRINT THE STANDARD LIST PRICES. WHEN NO LIST IS GIVEN THE LAMPS ARE NOT MADE.

RUBBER COVERED WIRES AND CORDS.

SOLID WIRE.

National Code, Single Braid, Solid Conductor. 600 Volts.

NOS.	SIZES B. & S. GAUGE	OUTSIDE DIAMETER	W'T 1000 FT.	PER 1000 FT.
101E	16	5/32	20	
102E	14	6/32	34	
103E	12	7/32	44	
104E	10	8/32	60	
105E	8	9/32	85	
106E	6	11/32	132	
107E	5	12/32	158	
108E	4	12/32	187	
109E	3	14/32	227	
110E	2	15/32	277	
111E	1	16/32	355	
112E	0	18/32	453	
113E	00	20–32	524	
114E	000	22–32	640	
115E	0000	24–32	790	

For interior wiring for electric lights, No. 102E is most used.

National Code, Double Braid, Solid Conductor, 600 Volts.

NOS.	SIZES B. & S. GAUGE	OUTSIDE DIAMETER	W'T 1000 FT.	PER 1000 FT.
414E	14	18–64	44	
415E	12	19–64	54	
416E	10	20–64	70	
417E	8	23–64	94	
418E	6	24–64	142	
419E	5	26–64	170	
420E	4	27–64	200	
421E	3	29–64	240	
422E	2	31–64	290	
423E	1	35–64	375	
424E	0	38–64	447	
425E	00	41–64	538	
426E	000	45–64	656	
427E	0000	49–64	822	

STRANDED WIRE.

National Code, Single Braid, 600 Volts.

NOS.	SIZES B. & S. GAUGE	OUTSIDE DIAMETER	W'T 1000 FT.	PER 1000 FT.
200E	14	15/64	36	
201E	12	16/64	48	
202E	10	18/64	64	
203E	8	10/32	93	
204E	6	12/32	147	
206E	4	14/32	207	
207E	3	15/32	249	
208E	2	16/32	303	
209E	1	18/32	387	
210E	0	20/32	472	
211E	00	22/32	607	
212E	000	24/32	740	
213E	0000	26/32	899	

National Code, Double Braid, 600 Volts.

NOS.	SIZES B. & S. GAUGE	OUTSIDE DIAMETER	W'T 1000 FT.	PER 1000 FT.
324E	14	17–64	43	
325E	12	18–64	56	
326E	10	19–64	74	
327E	8	21–64	100	
328E	6	26–64	154	
329E	4	29–64	214	
330E	3	31–64	260	
331E	2	34–64	315	
332E	1	38–64	414	
333E	0	41–64	485	
334E	00	44–64	586	
335E	000	49–64	720	
336E	0000	53–64	885	

DUPLEX (TWIN) WIRE.

National Code, Parallel Double Braid, Solid Conductor, 600 Volts.

NOS.	SIZES B. & S. GAUGE	OUTSIDE DIAMETER	W'T PER 1000 FT.	PER 1000 FT.
300E	14	15/32	78	
301E	12	17/32	100	
302E	10	18/32	130	
303E	8	19/32	175	

Each conductor braided, the two laid parallel with braid over all. Used extensively for conduit work.

FIXTURE WIRE.

Light Insulation, Solid Conductor.

NOS.	SIZES B. & S. GAUGE	OUTSIDE DIAMETER	PER 1000 FT.
126E	18	7/64	
127E	16	7/64	

Heavy Insulation, Solid Conductor.

NOS.	SIZES B. & S. GAUGE	OUTSIDE DIAMETER	PER 1000 FT.
227E	18	9–64	
226E	16	10–64	

LAMP CORD.

National Code, Cotton Covered.

NOS.	SIZES B. & S. GAUGE	STRAND COMPOSED OF	W'T PER 1000 FT.	PER 1000 FT.
1001E	14	41 No. 30 wires	50	
1002E	16	26 No. 30 wires	37	
1003E	18	16 No. 30 wires	29	
1004E	20	10 No. 30 wires	24	

Approved by National Board of Fire Underwriters. Each conductor insulated with 1/32 in. vulcanized rubber, twisted and braided in cotton. Sizes smaller than 18 not approved.

IN COILS OF ABOUT 300 FEET.

Commercial or Old Code, Cotton Covered, Green and Gold.

NOS.	SIZES B. & S. GAUGE	STRAND COMPOSED OF	W'T PER 1000 FT.	PER 1000 FT.
1101E	14	41 No. 30 wires	40	
1102E	16	25 No. 30 wires	27	
1103E	18	16 No. 30 wires	20	
1104E	20	10 No. 30 wires	15	

Not approved by National Board of Fire Underwriters, because rubber insulation is only 3/64 in. thick.

Silk Covered.

No. 2101E—Size 18, new code, green silk covered, twisted. . . . . per thousand feet

No. 2102E—Size 18, green and yellow, otherwise same as No. 2101E, per thousand feet. . . . . .

No. 2103E—Size 18, paralleled "duplex," green silk covered. . . per thousand feet

No. 2104E—Size 18, twisted and reinforced, covered with tiffany green silk, per thousand feet. . . . . .

Can furnish any other color for shipment from factory. Prices on application.

BREWERY CORD.

National Code.

NOS.	SIZES B. & S. GAUGE	OUTSIDE DIAMETER	W'T PER 1000 FT.	PER 1000 FT.
1214E	14	14/32	80	
1216E	16	11/32	46	
1218E	18	10/32	33	

Consists of two flexible conductors, seamless rubber insulated, braided, saturated with weather-proofing compound, and two twisted together.

CANVASITE CORD.

National Code.

NOS.	SIZES B. & S. GAUGE	OUTSIDE DIAMETER	W'T PER 1000 FT.	PER 1000 FT.
1814E	14	16/32	93	
1816E	16	13/32	56	
1818E	18	12/32	41	

Consists of two flexible conductors, seamless rubber insulated, braided, twisted together and finished with weather-proof braid over all.

PACKING HOUSE CORD.

National Code.

NOS.	SIZES B. & S. GAUGE	OUTSIDE DIAMETER	W'T PER 1000 FT.	PER 1000 FT.
2414E	14	17/32	100	
2416E	16	14/32	61	
2418E	18	13/32	45	

Consists of two flexible conductors, seamless rubber insulated, twisted together with jute and finished with two weatherproof braids.

AUTOMOBILE CABLE.

Secondary.

No. 4010E—14 B. & S. gauge, special white core, double braided, red glazed cotton, varnish finish, per thousand ft. $

No. 4012E—14 B. & S. gauge, double braided, outer braid with red glazed cotton, with green tracer, varnish finish, per thousand ft. . . . . .

No. 4014E—14 B. & S. gauge, single braided, special black finish, per thousand ft. . . . . .

Primary.

No. 4011E—14 B. & S. gauge, extra heavy insulation, nut white core, double braided red glazed cotton, varnish, per thousand ft. . . . . $

No. 4013E—14 B. & S. gauge, double braided outer braid of red glazed cotton with green tracer, varnish finish, per thousand ft. . . . . .

No. 4015E—14 B. & S. gauge, single braided, special black finish, per thousand ft. . . . . .

WIRE.

TELEPHONE.

No. 801E—Size 19, single conductor, $\frac{3}{32}$ rubber insulation, plain no braid, w't per 1000 ft. 9 lbs., per thousand feet..... $

No. 802E—Size 19, single conductor, $\frac{3}{32}$ rubber insulation, braided saturated, w't per 1000 ft. 10 lbs., per thousand feet..... $

No. 803E—Size 19, double conductor, $\frac{3}{32}$ rubber insulation, one conductor black, one conductor red, plain twisted, no braid, w't per 1000 ft. 18 lbs., per thousand feet..... $

No. 804E—Size 19, double conductor, $\frac{3}{32}$ rubber insulation, one conductor black, one conductor red, twisted then braided and saturated, w't per 1000 ft. 20 lbs., per thousand feet..... $

No. 806E—Size 19, double conductor, $\frac{3}{32}$ rubber insulation, both conductors covered with brown or oak braid, one conductor having a colored trace thread running through braid, w't per 1000 ft. 22 lbs.....per thousand feet $

For interior work used for connecting telephone with outside terminal wires. Prices on triple conductor on application.

No. 811E—Size 18, double conductor, $\frac{7}{64}$ rubber insulation, braided, twisted and saturated, one conductor has heavy trace thread running through the braid, w't per 1000 ft. 25 lbs., per thousandfeet $

For inside distributing or drop wires from pole to house connection.

No. 812E—Size 16, double conductor, $\frac{4}{64}$ rubber insulation, w't per 1000 ft. 30 lbs., otherwise same as No. 811E, per thousand feet..... $

No. 813E—Size 14, double conductor, $\frac{5}{64}$ rubber insulation, w't per 1000 ft. 65 lbs., otherwise same as No. 811E, per thousand feet..... $

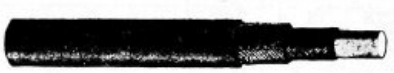
WEATHERPROOF.

National Code Standard, Triple Braid, Solid Conductor, Copper Wire.

NOS.	SIZES B. & S. GAUGE	WEIGHT PER 1000 FT. POUNDS.	PER 100 POUNDS.
500E	18	16	
501E	16	20	
502E	14	25	
503E	12	35	
504E	10	53	
505E	8	75	
506E	6	112	
507E	4	164	
508E	2	260	
509E	1	316	
510E	0	407	
511E	00	502	
512E	000	629	
513E	0000	767	

Prices on double braid solid, triple and double braid standard, also on slow burning white outside furnished on application.

Specially adapted for use in outdoor electric light circuits, railway signal work, telephone and telegraph work.



Double Braid, Weatherproof Insulation, Iron Wire.

NOS.	SIZES B. & S. GAUGE.	WEIGHT PER MILE.	MILES IN COIL.	PER MILE.
3010E	10	350	$\frac{1}{3}$	
3012E	12	225	$\frac{1}{2}$	
3014E	14	145	$\frac{1}{2}$	

Triple Braid, Weatherproof Insulation, Iron Wire.

NOS.	SIZES B. & S. GAUGE.	WEIGHT PER MILE	MILES IN COIL.	PER MILE.
4010E	10	400	$\frac{1}{3}$	
4012E	12	260	$\frac{1}{2}$	
4014E	14	175	$\frac{1}{2}$	

Used extensively for telephone work, has the same insulation as regular copper weatherproof wire, and put up in coils.

ANNUNCIATOR.

Insulated.

No. 518E —Size 18 B. & S. ga., in coils of 1 lb.....per pound $0.60

No. 518½E—Size 18 B. & S. ga., in coils, of ½ lb.....per pound .60

No. 618E —Size 18 B. & S. ga., on spools of about 8 lbs.....per pound .50

Double cotton, wrapped, waxed and paraffined, made in assorted colors.

ABOUT 155 FT. TO THE POUND.

GALVANIZED IRON.

Steel.

NOS.	LBS. PER 1,000 FT.	LBS. PER MILE.	PER 100 LBS.
6	111.74	540	
9	59.46	320	
10	48.86	260	
12	32.19	165	
14	18.75	96	

"Steel" (or homogeneous metal) is more expressly designed for short line telephone service, where a measure of conductivity can be exchanged for tensile strength in a light wire.

NO. 6—ONE THIRD MILE; BALANCE HALF MILE, IN A COIL.

"B. B." (Best Best.)

NOS.	LBS. PER 1,000 FT.	LBS. PER MILE.	PER
6	111.74	540	
9	59.46	320	
10	48.86	260	
12	32.19	165	
14	18.75	96	

Very tough and will stand a good mechanical test. It is largely used by telegraph companies and in railway telegraph service.

NO. 6—ONE THIRD MILE; BALANCE, HALF MILE IN A COIL.

"E. B. B." (Extra Best Best.)

NOS.	LBS. PER 1,000 FT.	LBS. PER MILE.	PER 100 LBS.
6	111.74	540	
9	59.46	320	
10	48.86	260	
12	32.19	165	
14	18.75	96	

E. B. B. (Extra Best Best) is made by improved continuous process from the very best iron. It stands highest of any telephone wire in conductivity. Very uniform in quality, pure, tough and pliable.

NO. 6—ONE THIRD MILE; BALANCE, HALF MILE IN A COIL.

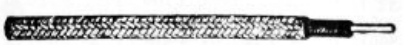
GALVANIZED STRAND.

Consists of Seven Wires twisted together.

NOS.	DIAM. IN.	WEIGHT PER 100 FT.	PER 100 FT.
915E	$\frac{1}{4}$	13	$1.75
912E	$\frac{5}{16}$	22	2.25
911E	$\frac{3}{8}$	30	2.75
908E	$\frac{1}{2}$	52	4.50

This is mostly used for supporting cables and guying poles.

OFFICE WIRE.



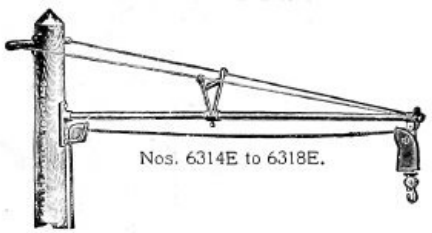
Damp-proof.

No. 1818E—Size 18, in spools of about 12 lbs., w't per thousand ft. 10½ lbs., per pound.....$

No. 1816E—Size 16 in. spools of about 12 lbs., w't per thousand ft. 13½ lbs., per pound .....

ELECTRIC LIGHT MATERIAL.

MAST ARMS.



Nos. 6314E to 6318E.

Medium, with one Triangular Stiffener.

No. 6314E— 6 ft.,	- -	each $ 7.80
No. 6315E— 8 ft.,	- -	" 8.60
No. 6316E—10 ft.,	- -	" 9.40
No. 6317E—12 ft.,	- -	" 10.20
No. 6318E—14 ft.,	- -	" 11.00

A common-sense type of mast-arm furnished with a steel thrust-arm from which a pair of steel strain rods run to the headpiece, giving a double bracing to keep the fixture from swaying in high winds. The pole plate has a weatherproof pulley fastened direct to it, the thrust-arm is extra heavy and the end has a safety pulley fitted to it.

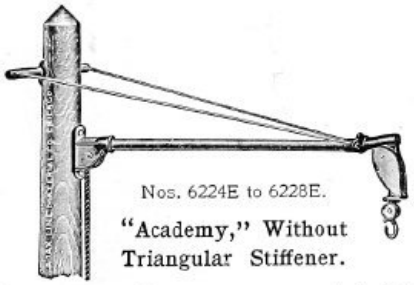
Midget, without Triangular Stiffener.

No. 6310E—4 ft.,	- -	each $ 6.00
No. 6311E—6 ft.,	- -	" 6.80
No. 6312E—8 ft.,	- -	" 7.60

A shorter form of the cut above, with the same arrangment of thrust-arm and strain rods, but without the stiffener for the middle of the pipe. Complete with safety pulley but without rope.

"Jumbo," with two Triangular Stiffeners, Safety Pulley, Anchored Thrust-Arm and Heavier Strain Rods. Otherwise Similar to Above.

No. 6330E—16 ft.,	- -	each $13.00
No. 6331E—18 ft.,	- -	" 14.00
No. 6332E—20 ft.,	- -	" 15.00



Nos. 6224E to 6228E.

"Academy," Without Triangular Stiffener.

No. 6224E—4 ft.,	- -	each $ 6.00
No. 6226E—6 ft.,	- -	" 6.80
No. 6228E—8 ft.,	- -	" 7.60

A short mast-arm, with the pole pulley and the outer safety pulley held so that the rope runs through the piping. Has a steel thrust-arm for the back of the pole, and pair of steel strain rods.

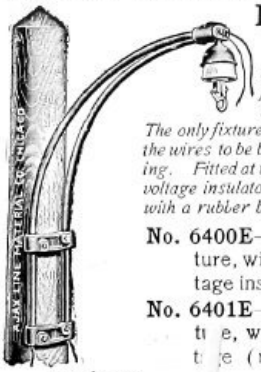
Tubular, With One Triangular Stiffener, Otherwise Same as Above.

No. 6116E— 6 ft.,	- -	each $ 7.80
No. 6118E— 8 ft.,	- -	" 8.60
No. 6120E—10 ft.,	- -	" 9.40
No. 6122E—12 ft.,	- -	" 10.20
No. 6124E—14 ft.,	- -	" 11.00

"Varsity," With Two Triangular Stiffeners, Heavier Strain Rods and Side-braced Thrust Arms, otherwise same as above.

No. 6301E—12 ft.,	- -	each $11.40
No. 6302E—14 ft.,	- -	" 12.40
No. 6303E—15 ft.,	- -	" 12.90
No. 6304E—16 ft.,	- -	" 13.40
No. 6305E—18 ft.,	- -	" 14.40
No. 6306E—20 ft.,	- -	" 15.40

POLE TOPS.



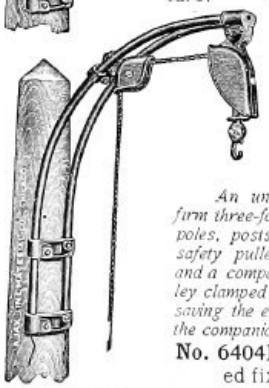
A neat, two-foot fixture, equally suitable for use on round poles, square poles or walls. The only fixture of its kind that allows the wires to be brought through the piping. Fitted at the outer end with a high voltage insulator (or for low voltage with a rubber bell insulator).

No. 6400E—Front fixture, with high voltage insulator, each $4.80

No. 6401E—Front fixture, with low voltage (rubber bell) insulator, - each, 4.60

Similar to the front fixture, but arranged for external wiring. Has a "Volta" (high voltage) cross-arm at the outer end with a channel steel arm to support glass petticoat insulators for guiding the wires. Two-foot reach, complete as pictured, except glass insulators.

No. 6402E—Quadrant fixture, - each $5.00



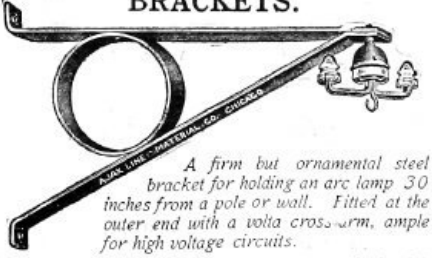
An unusually complete and firm three-foot fixture for use on poles, posts or walls. Has a safety pulley at the outer end, and a companion sleet-proof pulley clamped to the curved pipes, saving the extra labor of bolting the companion pulley to the pole.

No. 6404E—Pulleyed fixture, without rope, each $6.00

This new type holds the lamp slightly in front of the pole, or out of reach of the usual line of trees; is easily fastened in place, almost shadowless and neat in looks. The wires are readily run through the piping to the lamp, which is insulated from the fixture by a high voltage insulator.

No. 6403E—Forward, each $6.00

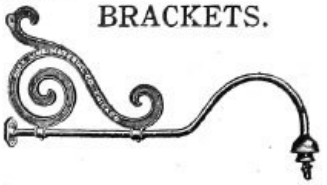
BRACKETS.



A firm but ornamental steel bracket for holding an arc lamp 30 inches from a pole or wall. Fitted at the outer end with a volta cross-arm, ample for high voltage circuits.

No. 6410E—30 in., Chicago, - each $4.00

BRACKETS.



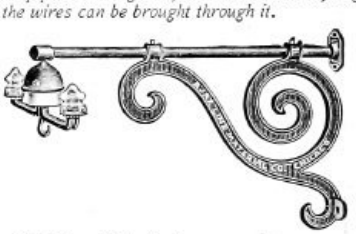
No. 6411E—4 ft., Opera, with insulator for supporting lamp, yet arranged to be wired through the piping, - - - - each $4.50

No. 6412E—5 ft., with chains and rosettes for guying the outer end, otherwise same as above - each 5.60

No. 6414E—4 ft., Madison, complete with bell insulator, not wired, each - - - - - - $3.60

No. 6415E—4 ft., Madison, grooved flange, without inner piping, each - - - - - - 3.50

An ornamental arc lamp bracket for concealed wiring. Halds the lamp three feet from the wall, and has the pipe extending one foot inside the wall flange, so that the wires can be brought through it.

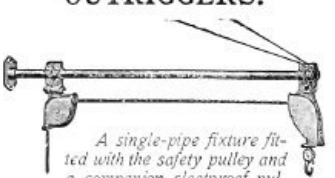


No. 6416E—4 ft., Ionic, complete, each, - - - - - - $3.80

No. 6418E—6 ft., Ionic, with chains and rosettes for guying outer end, each, - - - - - - 5.20

An ornamental bracket having a channel steel cross-arm with glass insulators to guide the line wires, and a volta insulator to properly insulate the lamp frame.

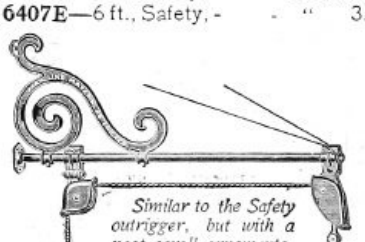
OUTRIGGERS.



A single-pipe fixture fitted with the safety pulley and a companion sleetproof pulley. Requires guying for the outer end, but can be put up in places where the wall space is limited.

No. 6406E—3 ft., Safety, - - each $2.60

No. 6407E—6 ft., Safety, - - " 3.00



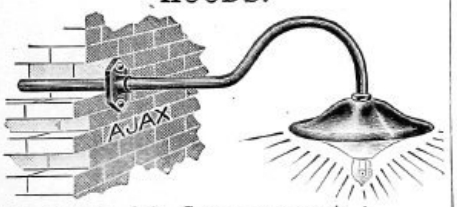
Similar to the Safety outrigger, but with a neat scroll ornamentation.

No. 6420E—3 ft., Scroll, with pulleys, each, - - - - - - $4.00

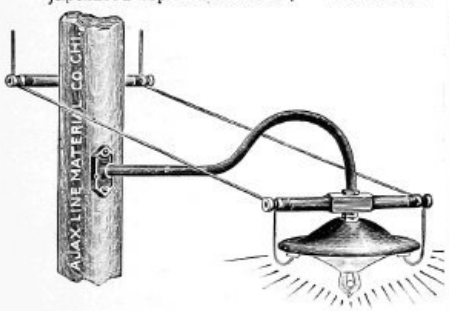
No. 6421E—6 ft., - - each 4.40

ELECTRIC LIGHT MATERIAL.

HOODS.

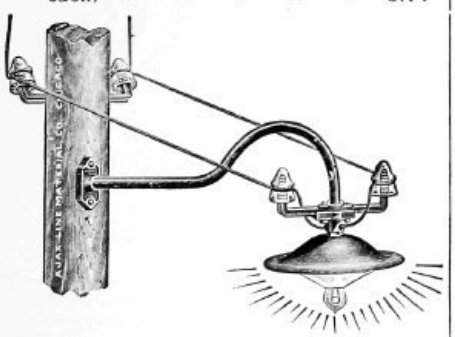


No. 6633E—3 ft., Swan, gooseneck, 1 ft. inner piping, Edison socket, japanned top and reflector, - each $3.10



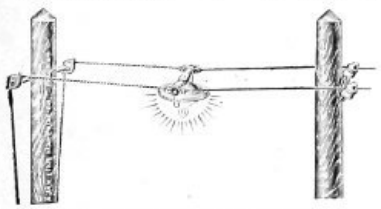
No. 6634E—3 ft., Chicago, gooseneck, Edison socket, japanned top and reflector, rear arm for back of pole, - - - - each $3.70

No. 6635E—Chicago, without rear arm, otherwise same as above, each, - - - - - 3.14



No. 6636E—3 ft., Duro, gooseneck, Edison socket, japanned top and reflector, channel steel cross-arm, (with double petticoat glass insulators), an extra durable fixture, each, - - - - - $3.40

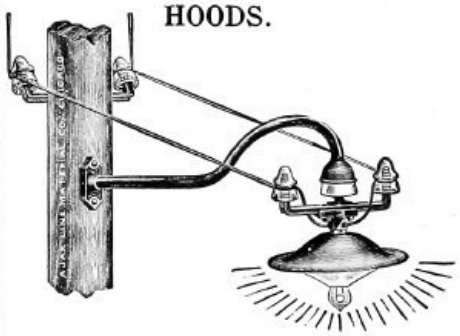
No. 6637E—"Duro," with channel steel pole arm (as shown at back of pole in above cut), otherwise same as above, - - each 4.10



No. 6644E—Horizontal, complete with Edison socket, pole arms for the wires and adjustable clamps for the ropes, - - - each $6.00

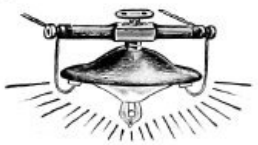
A suspension hood supported by the two wires and two ropes running over pulleys at the end of an iron cross-arm.

HOODS.



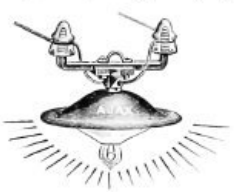
No. 6638E—"Volta," Edison socket, 1000 volt insulator over cross-arm, without pole arm, for high voltage circuits, - - - each $4.30

No. 6639E—"Volta," with pole-arm (as shown at back of pole in above cut), otherwise same as above, each, - - - - - - 5.00

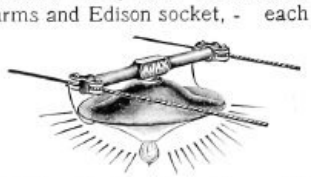


No. 6640E—Beam head, with Edison socket, japanned top and reflector and cross-arm with suspension loop, - - - - each $2.40

No. 6641E—"Ring" hood, with Edison socket, japanned top and reflector, and cross-arm with suspension loop, - - - - each $2.40



No. 6642E—Tee hood, a strong suspension hood, with steel cross-arms and Edison socket, - each $2.66

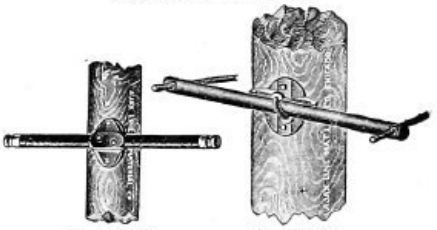


No. 6643E—Taut hood, center part of this illustration, with Edison socket and spreader arms, - each $2.80

POLE ARMS.

No. 6646E—Pole arm, channel steel, with cushion tips, - - each $0.70

REAR ARMS.



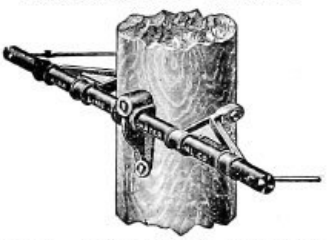
No. 6660E. No. 6661E.

No. 6660E—Rear arm (for incandescent hoods), enameled wood, metal bound ends, porcelain knobs and pole plate, - - each $0.56

No. 6661E—Without side brackets, " 1.20

A shorter form of the above, without the side bracing, as used with the Medium, Midget and Tubular mast-arms.

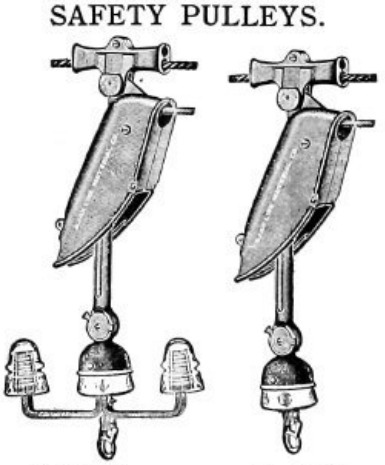
ANCHORED ARMS.



No. 6662E—Furnished regularly with the "jumbo" and "Varsity" mast-arms, - - - each $2.00

The only device of the kind that really utilizes the full diameter of the pole.

SAFETY PULLEYS.



No. 6701E. No. 6702E.

No. 6701E—With volta arm, - each $3.30

No. 6702E—With volta insulator, " 2.60

The finest combination made for insulating and supporting an arc lamp, and for guiding the wires to the lamp.

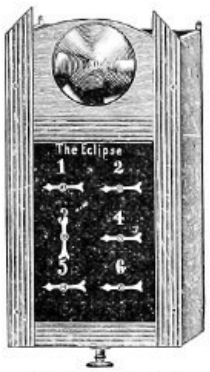
HOISTING CHAIN.

No. 1E—Oneida galvanized, per 100 ft. $3.80

1000 feet on a reel. Oneida galvanized coil chain is especially intended to be used on electric light poles, for arc lamp suspension, in place of wire cable, hemp or cotton cords. It is low in price and will last two or three times as long as any substitute now in use. This size will fit perfectly Bradley, Fletcher, Cutter or Ajax pulleys.

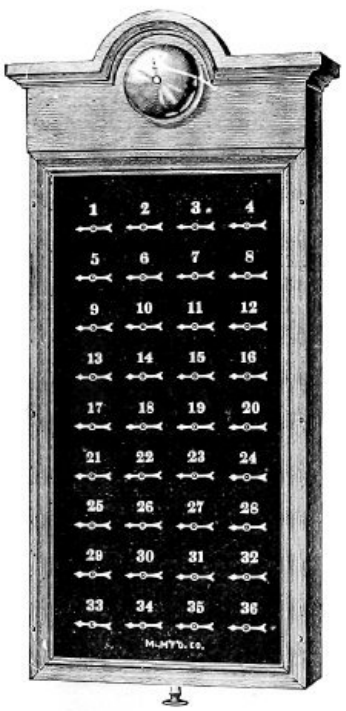
ANNUNCIATORS.

HOUSE.



"Eclipse," Natural Oak Finish.

No. 4002E—	2 indications, 1 row,	each $3.50
No. 4003E—	3 indications, 1 row,	" 4.00
No. 4004E—	4 indications, 2 rows,	" 4.45
No. 4006E—	6 indications, 2 rows,	" 6.00
No. 4008E—	8 indications, 2 rows,	" 7.60
No. 4010E—	10 indications, 2 rows,	" 9.10
No. 4012E—	12 indications, 2 rows,	" 10.70
No. 4014E—	14 indications, 2 rows,	" 12.45

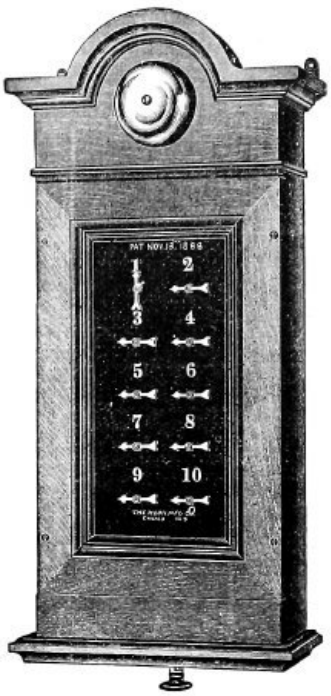


"Knapp," Natural Oak, Antique Oak, Walnut, Ash and Cherry Finish.

No. 3322E—	2 indications, 1 row,	each $4.00
No. 3323E—	3 indications, 1 row,	" 4.50
No. 3324E—	4 indications, 2 rows,	" 5.00
No. 3326E—	6 indications, 2 rows,	" 7.00
No. 3328E—	8 indications, 2 rows,	" 9.00
No. 3330E—	10 indications, 2 rows,	" 11.00
No. 3332E—	12 indications, 2 rows,	" 13.20
No. 3334E—	14 indications, 2 rows,	" 15.40
No. 3336E—	16 indications, 2 rows,	" 17.60
No. 3338E—	18 indications, 3 rows,	" 19.80
No. 3340E—	20 indications, 3 rows,	" 22.00
No. 3341E—	21 indications, 3 rows,	" 23.10

ABOVE 21 INDICATORS, ADD PER INDICATOR $1.10.

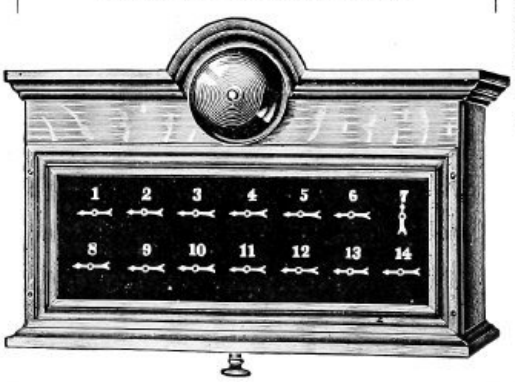
HOUSE.



Natural Oak, Antique Oak, Golden Oak or Mahogany Finish.

No. 1104E—	4 indications, -	each $8.00
No. 1106E—	6 indications, -	" 10.00
No. 1108E—	8 indications, -	" 12.50
No. 1110E—	10 indications, -	" 15 00
No. 1112E—	12 indications, -	" 17 50
No. 1114E—	14 indications, -	" 20.00
No. 1116E—	16 indications, -	" 22 50
No. 1118E—	18 indications, -	" 25 00
No. 1120E—	20 indications, -	" 27 50

CAR AND STEAMER.

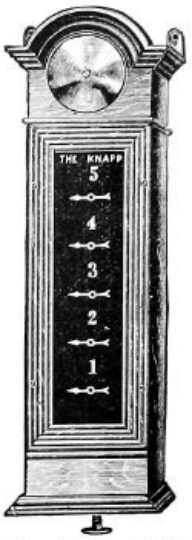


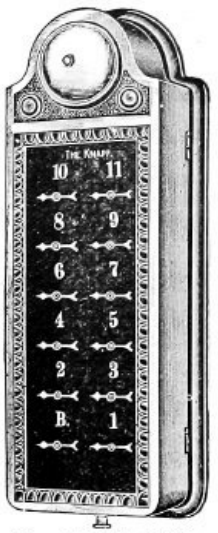
Natural Oak, Antique Oak, Golden Oak or Mahogany Finish.

No. 2208E—	8 indications, -	each $12.50
No. 2210E—	10 indications, -	" 15.00
No. 2212E—	12 indications, -	" 17 50
No. 2214E—	14 indications, -	" 20.00
No. 2216E—	16 indications, -	" 22.50
No. 2218E—	18 indications, -	" 25.00
No. 2220E—	20 indications, -	" 27.50

This annunciator has a locking catch and cannot be jarred down. The case may be of special design.

ELEVATOR.





Nos. 4153E to 4162E. Nos. 2113E to 2122E.

Natural Oak, Antique Oak, Golden Oak or Mahogany Finish.

No. 4153E—	3 indications, -	each $4.50
No. 4154E—	4 indications,	" 6.00
No. 4155E—	5 indications, -	" 7.00
No. 4156E—	6 indications, -	" 8.00
No. 4157E—	7 indications, -	" 9.00
No. 4158E—	8 indications, -	" 10.00
No. 4159E—	9 indications, -	" 11.25
No. 4160E—	10 indications, -	" 12.50
No. 4162E—	12 indications, -	" 15.00

ABOVE 12 INDICATORS, ADD PER INDICATOR $1.25.
WITH MOUNTING BOARD, EXTRA $0.75.

MetallicCase with Hinged Back, Old Copper, Oxidized Copper or Bower-Barff Finish.

No. 2113E—	3 indications, 1 row,	each $9.75
No. 2114E—	4 indications, 1 row,	" 10.75
No. 2115E—	5 indications, 1 row,	" 12.00
No. 2116E—	6 indications, 1 row,	" 13.50
No. 2117E—	7 indications, 1 row,	" 15.50
No. 2118E—	8 indications, 1 row,	" 17.50
No. 2119E—	9 indications, 1 row,	" 19.50
No. 2120E—	10 indications, 2 rows,	" 21.50
No. 2121E—	11 indications, 2 rows,	" 23.50
No. 2122E—	12 indications, 2 rows,	" 24.50

ABOVE 12 INDICATORS, ADD PER INDICATOR $2.00.

The cable enters from the back and the wires are distributed to terminal contacts set on the back board. This annunciator may also be used for club or office.

"ACME" TWO POINT.

The drops cannot get out of order as there is no mechanism to adjust. Has very dainty appearance, and at the moderate price it should find a ready sale.

No. 1300E—	With bell, -	each $3.00
No. 1301E—	With buzzer, -	" 3.00

This is a very serviceable article. The case being made of metal, enamel finished.

BE SURE TO SPECIFY FINISH WANTED ON ALL ORDERS.

REV-O-NOC TELEPHONES.

COMPACT.

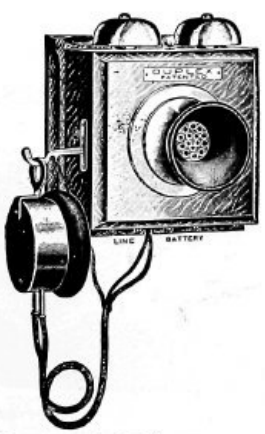
No. 7308E—3 bar series, 80 ohm ringer, each..... $17.50
No. 7410E—4 bar bridging, 1000 ohm ringer.....each 23.00
No. 7510E—5 bar bridging, 1000 ohm ringer.....each 24.50
No. 7516E—5 bar bridging, 1600 ohm ringer.....each 25.00
No. 7520E—5 bar bridging, 2000 ohm ringer.....each 26.00
No. 7616E—6 bar bridging, 1600 ohm ringer.....each 30.00

All Rev-o-noc Bridging telephones are equipped with patented SECRET SERVICE generators, by means of which calls are made secretly on either grounded or metallic lines. A backward turn of the generator crank throws the switchboard drop but does not ring the bells of the subscribers upon the line. A forward turn signals the subscribers in the usual manner. No push buttons or relays are necessary; can be used on any line, in conjunction with all other makes of instruments now installed, and without making any change in the present service.

Cabinets are quarter-sawed oak, highly polished, are furnished with adjustable ringer movements, No. 20E long distance solid back transmitter, No. 33E receiver with concealed cord connection, induction coil, automatic switch hook, lighting arrester and two dry batteries.

Telephones equipped with condensers 35 cents extra net.

BATTERY CALL.

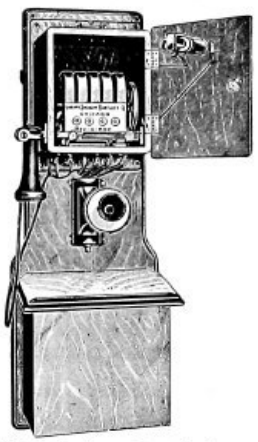


No. 6E—DUPLEX, with 2 batteries, complete and ready to install.....each $6.00

The duplex may be used in pairs and is especially adapted for use between two points, such as a house and barn, office and warehouse, or from one floor to another. Each instrument is furnished with a vibrating bell which will ring at a distance of 5000 ft. Where both phones are in the same building, annunciator wire is desirable.

If run outside No. 802E is recommended.

STANDARD STYLE.



Wide Battery Box Style.

No. 8308E—3 bar series, 80 ohm ringer, each..... $17.50
No. 8410E—4 bar bridging, 1000 ohm ringer.....each 23.00
No. 8510E—5 bar bridging, 1000 ohm ringer.....each 24.50
No. 8516E—5 bar bridging, 1600 ohm ringer.....each 25.00
No. 8520E—5 bar bridging, 2300 ohm ringer.....each 26.00

These cabinets are quarter-sawed oak highly polished, and equipped with powerful secret service generator for ringing long lines, adjustable ringer movement, No. 20E long distance solid back transmitter, No. 33E receiver, with concealed cord connection, induction coil, automatic switch hook, lightning arrester, two dry batteries. Wet batteries can be used if desired

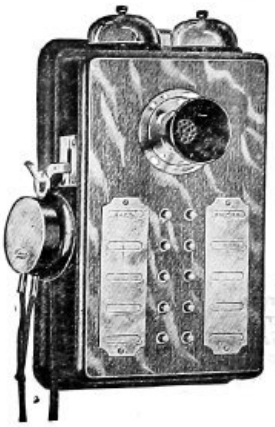
Telephones equipped with condensers 35 cents extra net.

DESK SETS.

No. 113E—3 bar, series generator, 80 ohm ringer, mounted in same box, each $22.00
No. 114E—4 bar bridging generator, 1600 ohm ringer, mounted in same box, each 24.00
No. 115E—5 bar bridging generator, 1600 ohm ringer, mounted in separate boxes, each..... 26.00
No. 116E—6 bar bridging generator, 1600 ohm ringer, mounted in separate boxes, each..... 27.00

These desk sets have rubber grip, cast brass parts, nickel plated removable bottom plates, leather cushion, induction coil and terminal block, mounted in base. Price is for the set complete, including telephone, generator, ringer, terminal block, batteries and diagram of connection.

INTER-COMMUNICATING.



No. 641E— 4 stations.....each $7.35
No. 642E— 8 stations..... " 7.65
No. 643E—10 stations..... " 7.95
No. 644E—12 stations..... " 8.25
No. 645E—16 stations..... " 8.85

No. 6603E—4 stations, with call buttons in base.....each $13.50
No. 6604E—8 stations, with call buttons in base.....each 15.30
No. 6605E—10 station, with call buttons in base.....each 16.20
No. 6606E—12 stations, with call buttons in base.....each 17.10
No. 6607E—16 stations, with call buttons in base.....each 18.90

No. 1060E—Choke coil.....each $0.90
One choke coil is required for every system.

The inter-communicating are wired for central battery common talking circuit, all stations being connected to one pair of talking wires, but having call buttons on each telephone to the number required to call other stations without a central.

These telephones are superior in point of design, finish, accessibility for connecting up, durability and efficiency to any line of apparatus for a similar system ever produced.

Cables for installing these telephones can be furnished at not to exceed $10.00 per hundred feet, nine cells of dry battery will operate any size system complete, wiring diagram furnished with every outfit. Prices do not include cable or batteries.

TELEPHONE PARTS.

RECEIVERS.

No. 33E—With concealed cord.....each $1.80

This receiver is furnished on all our telephones. It is perfect in design. Tungsten steel magnets. The coils are wound with silk covered wire and cords so attached that by careless handling or dropping they do not break loose from terminals.

WATCH CASE RECEIVERS.

No. 164E—Double pole, solid rubber shell.....each $2.50

OPERATORS' RECEIVERS.

No. 133E—Complete with leather covered band and watch case receivers....each $4.00

TRANSMITTERS.

No. 20E—Solid back.....each $3.00

In general workmanship and finish, this transmitter represents the highest development of the art of transmitter construction.

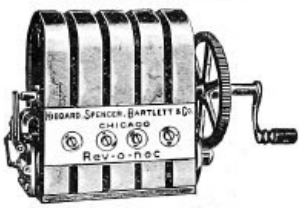
Every part is made of the very best materials procurable and constructed on strictly scientific and mechanical principles.

It embodies the latest features known and recognized as essential to good transmitter construction and is in every point in advance of any other transmitter now offered to the telephone public.

TELEPHONE MOUTH PIECES.

No. 613E—Male thread.....each $0.25
No. 615E—Female thread..... " .25

GENERATORS.



No. 53E—3 bar series.....each $3.80
No. 54E—4 bar bridging..... " 5.50
No. 55E—5 bar bridging..... " 7.00
No. 56E—6 bar bridging..... " 8.00

Our generators are made in all the standard sizes, 3-bar for series work, 4, 5 and 6 bar for bridging work.

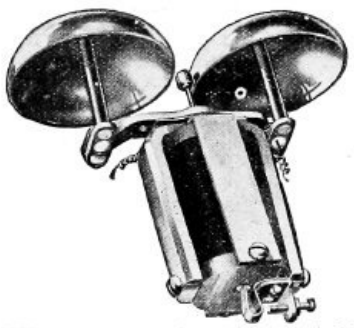
Both the series and bridging generators are of the same type and are built to stand hard and constant usage.

The armatures are made of a large number of laminations of the softest Swedish iron.

The permanent or field magnets are made from the best Tungsten steel and are subjected to a special secret treatment which insures the greatest permanency.

The output in amperage and E. M. F. is in excess of that of any other generator made.

RINGER MOVEMENTS.



No. 608E— 80 ohm series ringer.each $2.00
No. 610E—1000 ohm bridging ringer " 3.00
No. 616E—1600 ohm bridging ringer " 4.00
No. 620E—2000 ohm bridging ringer " 5.00

This improved type of ringer movement, we guarantee to be equal to any ringer movement now on the market. The cores and armatures are of the best grade annealed Norway iron. All coils, both for series and bridging work, are made long, which allows the use of a larger wire, giving more turns and not so liable to burn out from lightning or other causes. The wire used in winding these coils is insulated with pure silk. The adjustment of this ringer is easily accessible and very permanent, and being centrally located, it does not change the relative position of the clapper and gongs.

RECEIVER CORDS

No. 47E—36 in. worsted, tips both ends, each..... $0.40
No. 48E—36 in. worsted, tips one end, slips on other end.....each .40
No. 49E—36 in. green silk, tips both ends, each..... .60

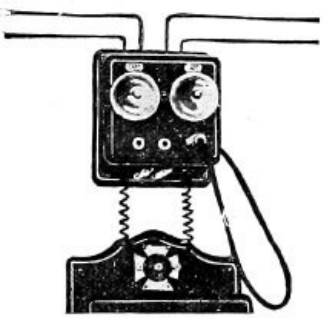
No. 47E is most commonly used

TESTING SETS.

No. 423E—4 bar generator, watch case receiver, in oak case 7½×6×8 in., w't 12 lbs.....each $24.00

Used in locating trouble on either a series or bridging line.

TOLL LINE EXTENSION BELL SWITCHES.

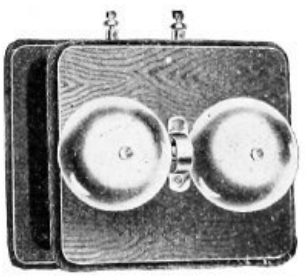


No. 3120E—Extension bell.....each $10.00

At times long toll lines are tied up because two stations near each other are talking. By using this extension bell several conversations can be carried on at the same time. Connections are made by the use of a key, which, when placed at the right the telephone is connected at the right hand line, leaving the left hand line clear. When the key is at the left the right hand line is clear and when in the center the lines are connected together and the telephones are bridged across.

Should be same resistance as telephones on line.

EXTENSION BELLS.



No. 318E— 80 ohm series.....each $3.00
No. 319E—1000 ohm bridging..... " 4.50
No. 320E—1600 ohm bridging..... " 5.00
No. 321E—2000 ohm bridging..... " 6.00

These bells are used in connection with telephones, enabling one to get the signal of the regular telephone when at a distance. The telephone may ring in one part of the building and by the aid of an extension bell the signal can be given in another part, wherever the bell is placed.

Should be same resistance as telephone to be used with.

TELEPHONE CONSTRUCTION TOOLS.

SPLICING CLAMPS.

No. 53E—10 in., forged steel, polished head, two round and two oblong holes, for Nos. 2, 4, 6 and 8 copper wire, w't 1 lb. ..... each $3 20

No. 155E—7 in. baby, forged steel, full polished, four round holes, for Nos. 10, 12, 14 and 16 copper wire, w't 6 oz. each.. ..... $2.70

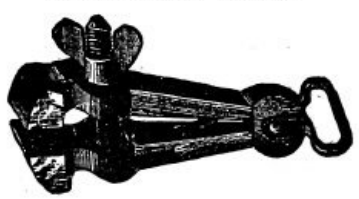
No. 55E—10 in., forged steel, full polished, four round holes, for Nos. 8, 10, 12 and 14 iron wire and Nos. 6, 8, 10 and 12 copper wire, w't 1 lb..... each 3.20

No. 57E—11 in.,forged steel, full polished, five round holes for Nos. 6, 8, 10, 12 and 14 iron wire and Nos. 4, 6, 8, 10 and 12 copper wire, w't 1 lb..... each 3.40

Combination Wire and Sleeve

No. 9E—10½ in., forged steel, full polished, five holes for Nos. 6, 8, 10, 12 and 14 iron wire, Nos. 4, 6, 8, 10 and 12 copper wire, and Nos. 8, 10, 12 and 14 sleeves, w't 1 lb..... each $3.60

LINEMEN'S VISES.



No. 375E—5½ in., with loop. ..... each $2.20
No. 376E—6 in., with loop. ..... " 2.60
No. 377E—Straps for vise..... " 1.65

HAVEN'S WIRE CLAMPS.

No. 368E—Steel, for No. 8 wire and finer, w't 2½ lbs. ..... each $3.00
No. 369E—Steel, for ½ in. wire and finer, w't 2½ lbs. ..... each 5.50

A very efficient clamp for all around work.

ECCENTRIC CLAMPS.

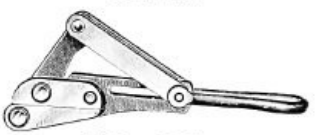
Without Straps.

No. 130E—Steel, for No. 8 wire and finer, w't 1 lb. ..... each $1.60
No. 131E—Strap for above. ..... " 1.65

COME ALONGS.

No. 126E—Malleable iron, for No. 8 wire and finer, w't 1 lb. ..... each $1.20
No. 127E—Malleable iron, for No. 6 wire and finer, w't 2 lbs. ..... each 2.00
No. 128E—Malleable iron, for No. 0 wire and finer, w't 2¼ lbs. ..... each 2.50

NEW CHICAGO WIRE GRIPS.



Without Pulleys.

No. 870E—Steel, for No. 10 wire and finer, w't 15 oz.. ..... each $3.80
No. 871E—Steel, for No. 6 wire and finer, w't 23 oz.. ..... each 4.00
No. 872E—Steel, for No. 0 wire and finer, w't 2¾ lbs. ..... each 6.60
No. 873E—Steel, for No. 0000 wire and finer, w't 7½ lbs. ..... each 10.00

It grips and holds and is most convenient to handle.

With Pulleys.

No. 874E—Steel, for No. 10 wire and finer, with pulley for ¼ in. rope, w't 1¼ lbs.. ..... each $4.80
No. 875E—Steel, for No. 6 wire and finer, with pulley for ⅜ in. rope, w't 1¾ lbs. ..... each 5.00
No. 876E—Steel, for No. 0 wire and finer, with pulley for ½ in. rope, w't 3¼ lbs. ..... each 7.60
No. 877E—Steel, for No. 0000 wire and finer, with pulley for ⅝ in. rope, w't 9 lbs.. ..... each 11.50

It can be pushed out on the wire, so as to get as much slack as necessary, and pulls straight, leaving no kinks in the wire.

Without Pulleys, for Insulated Wire.

No. 878E—Steel, for No. 18 to No. 4 wire, w't 2⅜ lbs. ..... each $6.50
No. 879E—Steel, for No. 14 to No. 00 wire, w't 3½ lbs. ..... each 8.00

With Pulleys, for Insulated Wire.

No. 881E—Steel, for No. 18 to No. 4 wire, pulleys for ½ in. rope, w't 2¾ lbs., each 7.50
No. 882E—Steel, for No. 14 to No. 00 wire, pulley for ½ in. rope, w't 4 lbs, each.. ..... 9.00

A nickel plated well proportioned, reliable tool that will do the work required on either iron or copper wire.

WIRE PEELERS

No. 1414E—Perry, plain..... each $0.60

Used for removing the insulation from wire.

LAG SCREW WRENCHES.

No. 214E—12 in., polished handle, for ½ and ⅝ in. lag screws, w't 1 lb. each.. ..... $1.60

No. 326E—Combination for ⅜, ½ and ⅝ in. lag screws and bolts, w't ¾ lbs. each.. ..... $2.50

SPLICING WRENCHES.

No. 321E—7 in., steel, full polished, for Nos. 4 and 6 iron wire or 2 and 4 copper wire. ..... each $1.70
No. 322E—7 in., steel, full polished, for Nos. 8 and 9 iron wire or 6 and 8 copper wire..... each 1.70
No. 323E—7 in., steel, full polished, for Nos. 10 and 12 iron wire or 8 and 10 copper wire..... each 1.70

GALVANIZED PULLEY BLOCKS.

No. 184E—4 in., malleable iron, galvanized, with eccentric grips, for ⅝ in. rope, *without rope*..... per pair $7.00

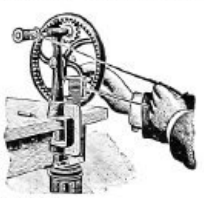
Rope extra. State kind, size and length wanted.

ANTI-HUMMS.

No. 1447E—Galvanized..... each $0.25

Will eliminate the humming noises of telephone lines.

MAGNET WINDERS.



No. 600E—Complete..... each $7.00

Handy tool in every telephone exchange for rewinding ringer and induction coils.

TELEPHONE CONSTRUCTION MATERIAL.

TOOL BAGS.

No. 310E—16 in., canvas, with leather bottom, steel frames, billets, buckle pieces and handles are of leather, riveted to frames, one inside pocket, w't 3¼ lbs. ..... each $5.00

No. 316E—20 in., otherwise same as No. 310E, w't 3½ lbs. ..... each 6.00

CARBON BAGS.

No. 325E—Leather, with shoulder straps, w't 2 lbs. ..... each $5.00

POLE CLIMBERS.

Eastern Pattern.

No. 1110E—Eastern pattern, 15 in., per pair. $3.60

No. 1111E—Eastern pattern, 15½ in., per pair. 3.60

No. 1112E—Eastern pattern, 16 in., per pair. 3.60

No. 1113E—Eastern pattern, 16½ in., per pair. 3.60

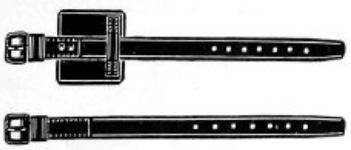
No. 1114E—Eastern pattern, 17 in., per pair. 3.60

No. 1115E—Eastern pattern, 17½ in., per pair. 3.60

No. 1116E—Eastern pattern, 18 in., per pair. 3.60

Above climbers are made of best forged steel. Prices do not include straps.

POLE CLIMBER STRAPS.



No. 111E—For Eastern climbers, w't per set 1 lb. ..... per set $1.50

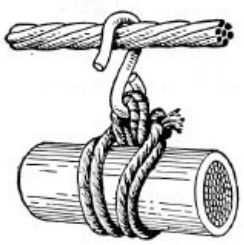
A set consists of two upper straps, with 4×4 in. plain leather pads and two lower straps without pads.

TOOL BELTS.

No. 350E—Leather, length over all 40 in., width 2¼ in., w't ½ lb. ..... each $1.50

No. 353E—Leather, length over all 40 in., width 2¼ in., with safety straps, w't 2½ lbs. ..... each $2.50

CABLE HANGERS.



No. 225E—MARLIN, 9 in. loop for 25 pair, cable. ..... per thousand $6.40

No. 250E—MARLIN, 11 in. loop for 50 pair, cable. ..... per thousand 7.00

No. 275E—MARLIN, 12 in. loop for 75 pair, cable. ..... per thousand 7.35

No. 2100E—MARLIN, 14 in. loop for 100 pair, cable. ..... per thousand 7.85

No. 2150E—MARLIN, 15 in. loop for 150 pair, cable. ..... per thousand 8.15

No. 2200E—MARLIN, 16 in. loop for 200 pair, cable. ..... per thousand 8.50

Marlin cable hangers have many advantages over the other types which render them superior for cable suspension. They are low in "first cost," are easily fastened in place, are strong and durable. There is no danger of damaging the lead sheath in their use, and the cable may be installed without grounding the sheath if this is desired.

No. 238E—BOSTON. ..... per thousand $40.00

Made of galvanized steel wire and zinc, strip adjustable to any size cable, simple and durable.

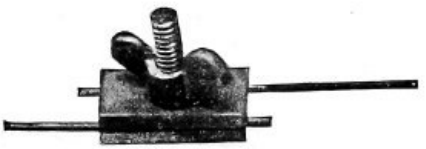
The method of using this clamp is very simple and the heavier the weight, the tighter the clamp becomes.

TEST CONNECTORS.

No. 705E—PIERCE. ..... each $0.10

Wires are held securely with solid copper connections between, no rocking motion when wires of unequal diameters are clamped as they are centered directly one above the other. Made of spring brass.

TEST CLAMPS.



No. 706E—Brass. ..... each $0.10

A very strong, durable connector easily adjusted with thumb nut and screw.

WIRE CONNECTORS.

No. 200E—For Nos. 12 and 14 wire. each $0.05

ONE HUNDRED IN A STANDARD PACKAGE.

WIRE CONNECTORS.

No. 1001E—Copper, for No. 10 wire, per hundred. $3.50

No. 1002E—Copper, for No. 12 wire, per hundred. 3.50

No. 1003E—Copper, for No. 14 wire, per hundred. 3.50

No. 1104E—Iron, for No. 10 wire, per hundred. 3.25

No. 1105E—Iron, for No. 12 wire, per hundred. 3.25

No. 1106E—Iron, for No. 14 wire, per hundred. 3.25

These are made so the strain is longitudinal and not vertical.

ELECTRIC CONSTRUCTION MATERIAL.

ELECTRIC LIGHT CROSS ARMS.

Yellow Pine.

Size 3¼×4¼ in., bored for 1½ in. pins, two ½ in. center bolts, and two ⅜ in. brace bolts, painted red.

Nos.	PINS	LENGTH FEET	SPACINGS ENDS INCHES	SPACINGS CENTER INCHES	SPACINGS SIDES INCHES	W'T EACH.	PER HUNDRED
823E	2	3	4	28		12	$24.00
844E	4	4	4	16	12	16	32.00
845E	4	5	4	18	17	20	40.00
866E	6	6	4	16	12	24	48.00
868E	6	8	4	18	17½	32	64.00
888E	8	8	4	16	12	32	64.00
8810E	8	10	4	17½	15¾	40	80.00
81010E	10	10	4	16	12	40	80.00

Washington Fir.

Size 3¼×4¼ in., bored for 1½ in. pins, two ½ in. center bolts, and two ⅜ in. brace bolts, unpainted.

Nos.	PINS	LENGTH FEET	SPACINGS ENDS INCHES	SPACINGS CENTER INCHES	SPACINGS SIDES INCHES	W'T EACH.	PER HUNDRED
1301E	2	3	4	28		10	$30.00
1302E	4	4	4	16	12	13	48.00
1303E	4	5	4	18	17	17	60.00
1304E	6	6	4	16	12	20	80.00
1305E	6	8	4	18	17½	26	112.00
1306E	8	8	4	16	12	26	112.00
1307E	8	10	4	17½	15¾	33	150.00
1308E	10	10	4	16	12	33	150.00

Special borings to order. Special prices on standard arms of every description.

TELEPHONE CROSS ARMS.

Yellow Pine.

Size 2¾×3¾ in., bored for 1¼ in. pins, two ½ in. center bolts and two ⅜ in brace bolts, 28 in. apart, painted red.

Nos.	PINS	LENGTH INCHES	SPACINGS ENDS INCHES	SPACINGS CENTER INCHES	SPACINGS SIDES INCHES	W'T EACH.	PER HUNDRED
224E	2	24	3	18		6	$13.00
230E	2	30	3	24		7	17.30
442E	4	42	3	16	10	10	22.75
662E	6	62	3	16	10	16	33.60
882E	8	82	3	16	10	21	44.40
10102E	10	102	3	16	10	25	55.25

Washington Fir.

Size 2¾×3¾ in., bored for 1¼ in. pins, two ½ in. center bolts and two ⅜ in. brace bolts, 28 in. apart, unpainted.

Nos.	PINS	LENGTH INCHES	SPACINGS ENDS INCHES	SPACINGS CENTER INCHES	SPACINGS SIDES INCHES	W'T EACH.	PER HUNDRED
2300E	2	24	3	18		5	$14.00
2301E	2	30	3	24		6	17.50
2302E	4	42	3	16	10	9	25.00
2303E	6	62	3	16	10	13	40.00
2304E	8	82	3	16	10	17	58.00
2305E	10	103	3	16	10	21	80.00

Ten and six pin, bored for one ⅝ in. center bolt, shipped without extra charge when so ordered. Special borings to order. Special prices on arms of every description other than as above. Special cross arms of every description made to order.

WOOD PINS.

No. 1148E—Oak, telephone size, 1¼×8 in., painted.....per hundred $1.30
No. 1129E—Oak, electric light size, 1½×9 in., painted.....per hundred 1.50
No. 2148E—Locust, telephone size, 1¼×8 in., not painted.....per hundred 2.00
No. 2129E—Locust, electric light size, 1½×9 in., not painted....per hundred 2.50
No. 3148E—Krekose, telephone size, 1¼×8 in.,.....per hundred 1.60
No. 3129E—Krekose, electric light size, 1½×9 in.....per hundred 2.00

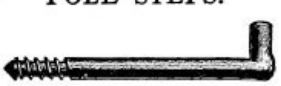
ONE HUNDRED IN A SACK.

WOOD BRACKETS.

No. 710E—Oak, pony telephone size, 1½×2×10 in., painted....per hundred $2.00
No. 712E—Oak, electric light size, 1½×2¼×12 in., painted.....per hundred 2.50

ONE HUNDRED IN A SACK.

POLE STEPS.



No. 9160E—Plain, cone pointed ⅝×9 in., per hundred..... $5.40
No. 9165E—Galvanized, cone pointed, ⅝×9 in.....per hundred 7.20

No. 1360E—Complete.....each $0.45
No. 1362E—Detachable step ..... " .40
No. 1364E—Plates..... " .05

Is the best detachable step made, because of the light weight of the step, which is made of aluminum, each step weighing only 3½ ounces, so that they can be carried in a lineman's pocket, and are strong enough to hold up the heaviest weight man.

The fitting on the pole is a simple plate, permanent—nothing to get out of order or clogged with ice. Cheaper and much handier than a ladder.

Staple.

No. 1911E—Galvanized.....each $0.25

The staple butt step is a strong, handy step to use on a pole where a great deal of climbing has to be done.

INSULATORS.

No. 9E—Glass, telephone, single groove, w't per piece 10 oz., w't per thousand 765 lbs.....per thousand $30.00
No. 99E—Porcelain, telephone, single groove, w't per piece 10 oz., w't per thousand 765 lbs.....per thousand 30.00

FOUR HUNDRED IN A BARREL.

No. 12E—Glass, telephone, double groove w't per piece 10⅔ oz., w't per thousand 770 lbs.....per thousand $30.00
No. 112E—Porcelain, telephone, double groove, w't per piece 10⅔ oz., w't per thousand 770 lbs.....per thousand 30.00

FOUR HUNDRED IN A BARREL.

No. 1E—Standard, deep groove, w't per piece 17 oz., w't per thousand 1200 lbs.....per thousand $67.00

TWO HUNDRED AND FIFTY IN A BARREL.

No. 3E—Deep groove, double petticoat, w't per piece 20 oz., w't per thousand 1120 lbs.....per thousand $60.00

TWO HUNDRED AND FIFTY IN A BARREL.

CROSS ARM BRACES.

Regular Standard.

No. 520E—Plain, 20×1×$\frac{3}{16}$ in., per hundred..... $ 6.50
No. 522E—Plain, 22×1×$\frac{3}{16}$ in., per hundred..... 8.60
No. 524E—Plain, 24×1$\frac{7}{32}$×$\frac{7}{32}$ in., per hundred..... 10.70
No. 526E—Plain, 26×1$\frac{7}{32}$×$\frac{7}{32}$ in., per hundred..... 11.60
No. 1020E—Galvanized, 20×1×$\frac{3}{16}$ in., per hundred..... 9.00
No. 1022E—Galvanized, 22×1×$\frac{3}{16}$ in., per hundred..... 11.50
No. 1024E—Galvanized, 24×1$\frac{7}{32}$×$\frac{7}{32}$ in., per hundred..... 14.00
No. 1026E—Galvanized, 26×1$\frac{7}{32}$×$\frac{7}{32}$ in., per hundred..... 15.00

TELEPHONE CONSTRUCTION MATERIAL.

POST HOLE SHOVELS.

No. 113E—7 ft. handle, 9½ in. strap, 9 in. blade, w't per doz. 92 lbs., per dozen $20.50
No. 112E—7 ft. handle, 28 in. strap, 9 in. blade, w't per doz. 97 lbs., per dozen 22.50
No. 115E—8 ft. handle, 9½ in. strap, 9 in. blade, w't per doz. 95 lbs., per dozen 22.50
No. 114E—8 ft. handle, 28 in. strap, 9 in. blade, w't per doz. 100 lbs., per dozen 24.50

POST HOLE SPOONS.

No. 116E—7 ft. handle, 28 in. strap, 9 in. blade, w't per doz. 93 lbs., per dozen $24.00
No. 118E—8 ft. handle, 28 in. strap, 9 in. blade, w't per doz. 96 lbs., per dozen 26.00

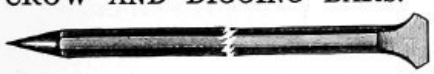
SLICK DIGGERS.

No. 125E—8 ft., steel blade, w't per doz. 204 lbs.....per dozen $45.00

DIGGING BARS.

No. 120E—Round, steel, 1⅛ in. × 8 ft., w't per doz. 312 lbs.....per dozen $42.00
No. 122E—Octagon, steel, 1⅛ in. × 8 ft., w't per doz. 336 lbs.....per dozen 50.00
Will cut roots and break rocks.

CROW AND DIGGING BARS.



No. 144E—Octagon, steel, 1 in. × 7 ft., w't per doz. 216 lbs.....per dozen $36.00
No. 145E—Octagon, steel, 1⅛ in. × 8 ft., w't per doz. 336 lbs.....per dozen 52.00

TAMPING AND DIGGING BARS.

No. 140E—Octagon, steel, 1 in. × 7 ft., w't per doz. 228 lbs.....per dozen $40.00
No. 141E—Octagon, steel, 1⅛ in. × 8 ft., w't per doz. 360 lbs.....per dozen 56.00

TAMPING BARS.

No. 124E—8 ft., hardwood handle, iron shoe, w't per doz. 120 lbs., per dozen..... $25.00

PIKE POLES.

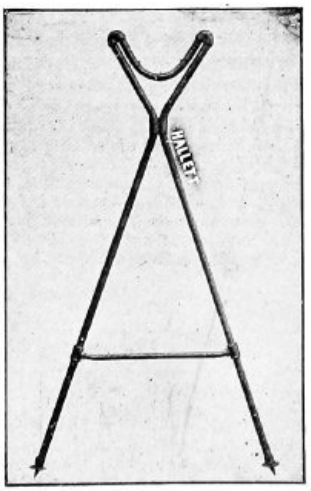
No. 212E—12 ft. × 1¾ in., steel point and ferrule, w't per doz. 114 lbs...per dozen $24.00
No. 214E—14 ft. × 1¾ in., steel point and ferrule, w't per doz. 126 lbs...per dozen 26.00
No. 216E—16 ft. × 1¾ in. steel point and ferrule, w't per doz. 132 lbs...per dozen 28.00
No. 218E—18 ft. × 1¾ in. steel point and ferrule, w't per doz. 138 lbs...per dozen 30.00

POLE SUPPORTS.

Mule. Jenny.

No. 1175E—4½ ft. mule, selected hickory, heavily ironed and braced, w't 34 lbs., each..... $5.00
No. 1176E—6 ft. mule, selected hickory, heavily ironed and braced, w't 40 lbs., each..... 6.00
No. 1177E—7½ ft. mule, selected hickory, heavily ironed and braced, w't 47 lbs., each..... 7.00
No. 1178E—6 ft. jenny, selected hickory, heavily ironed and braced, w't 33 lbs., each..... 8.00
No. 1179E—7½ ft., jenny, selected hickory, heavily ironed and braced, w't 43 lbs.....each 9.00

POLE CRUTCHES.



No. 315E—Extreme height 8 feet, outside width of base 5 ft., distance across supporting curve 1 ft. 6 in., wrought iron pipe in frame, inside diameter 1¼ in., outside diameter 1⅝ in. Brace rod of solid wrought iron, w't 50 lbs., each..... $15.00

The washers at the feet readily adjust themselves to irregularities of ground, an important feature.

RAISING FORKS.

No. 172E—12 ft. × 1¾ in. handle, wrought steel fork and ferrule, w't per doz. 120 lbs.....per dozen $30.00
No. 173E—14 ft. × 1¾ in handle, wrought steel fork and ferrule, w't per doz. 156 lbs.....per dozen 32.00
No. 174E—16 ft. × 1¾ in. handle, wrought steel fork and ferrule, w't per doz. 190 lbs.....per dozen 34.00

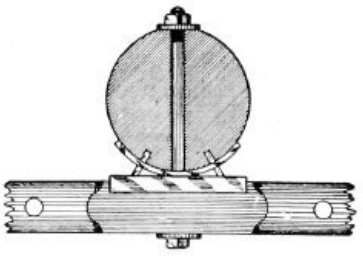
CANT HOOKS.

No. 196E—4½ ft. × 2½ in. rock maple handle, malleable iron clasp and improved extension toe ring, duck bill hook, w't per doz. 96 lbs....per dozen $21.93

CARRYING HOOKS.

No. 194E—2½ × 44 in. selected rock maple handle, malleable iron clamp, ¾ × ⅜ in. crucible steel hook, hung with swivel hinge, w't per doz. 102 lbs. per dozen..... $30.00

BULL DOG STEEL GAINS.



Cut showing how Cross Arm is Connected to Pole by use of Steel Gain.

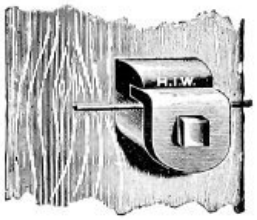
Made for Either Telephone or Electric Light Size Arms and for ⅝ in. Bolts.

No. 404E—For electric light arms, plain, each..... $0.24
No. 405E—For electric light arms, galvanized.....each .28
No. 406E—For telephone arms, plain " .24
No. 407E—For telephone arms, galvanized, each..... .28

A comparatively new device although the demand for something of this kind has been felt for many years. The advantages of a steel support for a cross arm are obvious to every one familiar with telephone or electric light construction. It is an acknowledged fact that a gain cut in a pole is a detriment to the pole as it not only weakens the pole but by exposing the end grain it is more liable to rot.

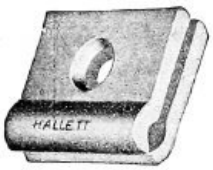
TELEPHONE CONSTRUCTION MATERIAL.

MESSENGER POLE SUPPORTS.



No. 118E—Plain, for ¼ in. strand...each $0.20
No. 119E—Galvanized, for ¼ in. strand, each..... .26

MESSENGER SUPPORTS.



No. 1120E—2×2 in., Plain.....each $0.14
No. 1121E—2×2 in., Galvanized... " .17

This support will carry as high as ½ in. strand.

MESSENGER CLAMPS.

No. 60E—Plain, for ¼ in. strand....each $0.16
No. 61E—Galv., for ¼ in. strand.... " .22
No. 62E—Plain, for ⅜ in. strand.... " .20
No. 63E—Galv., for ⅜ in. strand.... " .26
No. 64E—Plain, for ½ in. strand.... " .26
No. 65E—Galv., for ½ in. strand.... " .32

The upright leg is bored to take ½ in. bolts. For supporting galvanized strand.

BRIDLE RINGS.

No. 1330E—5/16 in., enameled steel, 1⅝ in. eye, ¼ in. opening, 1¼ in. shank, per hundred.....$16.00
No. 1331E—5/16 in., enameled steel, 1⅝ in. eye, ¼ in. opening, ⅞ in. shank, per hundred..... 16.00
No. 1332E—5/16 in., enameled steel, 1¼ in. eye, ¼ in. opening, 1¼ in. shank, per hundred..... 16.00
No. 1333E—7/32 in., enameled steel, ⅝ in. eye, ¼ in. opening, ⅞ in. shank, per hundred..... 16.00
No. 1334E—5/16 in., enameled steel, 3 in. eye, ¼ in. opening, 1¾ in. shank, per hundred..... 16.00

No. 1334E is especially adapted for carrying wires at the side of terminal poles from the cable boxes to the cross arm.

SQUARE WASHERS.

No. 519E—Plain iron, 2×2×⅛ in., w't per thousand 125 lbs....per thousand $50.00
No. 520E—Plain iron, 2¼×2¼×5/16 in., w't per thousand 260 lbs..per thousand 70.00
No. 521E—Galv. iron, 2×2×⅛ in., w't per thousand 130 lbs.....per thousand 80.00
No. 522E—Galv. iron, 2¼×2¼×5/16 in., w't per thousand 280 lbs...per thousand 100.00

For ⅝ in. cross arm bolt.

ONE HUNDRED IN A BUNDLE.

ROUND WASHERS.

No. 514E—Plain iron, ½ in., for ⅜ in. bolt, w't per thousand 15 lbs....per thousand $12.50
No. 516E—Plain iron, 9/16 in., for ½ in. bolt, w't per thousand 35 lbs...per thousand 15.00
No. 515E—Galv. iron, ½ in., for ⅜ in. bolt, w't per thousand 15 lbs...per thousand 20.00
No. 518E—Galv. iron, 9/16 in., for ½ in. bolt, w't per thousand 40 lbs...per thousand 30.00

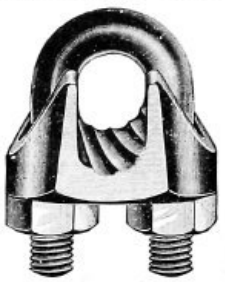
ONE HUNDRED IN A BUNDLE.

TURNBUCKLES.

No. 9100E—Plain, ½ in. bolt, length between heads 8 in.....each $1.10
No. 9102E—Plain, ⅝ in. bolt, length between heads 10 in.....each 2.00
No. 9104E—Plain, ¾ in. bolt, length between heads 12 in.....each 2.75
No. 9106E—Plain, ⅞ in. bolt, length between heads 13 in.....each 3.50
No. 9108E—Plain, 1 in. bolt, length between heads 14 in.....each 4.25
No. 9101E—Galv., ½ in. bolt, length between heads 8 in.....each 1.30
No. 9103E—Galv., ⅝ in. bolt, length between heads 10 in.....each 2.40
No. 9105E—Galv., ¾ in. bolt, length between heads 12 in.....each 3.50
No. 9107E—Galv., ⅞ in. bolt, length between heads 13 in.....each 4.25
No. 9109E—Galv., 1 in. bolt, length between heads 14 in.....each 5.50

Prices furnished on application for welded eye bolt, or with swivel eye and eye bolt.

WIRE ROPE CLIPS.



No. 770E—Japanned, for ¼ in. rope, w't per hundred 17 lbs....per hundred $11.00
No. 771E—Japanned, for 5/16 in. rope, w't per hundred 18 lbs....per hundred 11.00
No. 772E—Japanned, for ⅜ in. rope, w't per hundred 26 lbs....per hundred 12.00
No. 773E—Japanned, for ½ in. rope, w't per hundred 40 lbs....per hundred 15.00
No. 774E—Galv., for ¼ in. rope, w't per hundred 19 lbs.....per hundred 15.00
No. 775E—Galv., for 5/16 in. rope, w't per hundred 20 lbs.....per hundred 15.00
No. 776E—Galv., for ⅜ in. rope, w't per hundred 28 lbs.....per hundred 16.00
No. 777E—Galv., for ½ in. rope, w't per hundred 44 lbs.....per hundred 19.00
No. 780E—Galv., for ⅝ in. rope, w't per hundred 87 lbs.....per hundred 35.00
No. 781E—Galv., for ¾ in. rope, w't per hundred 128 lbs.....per hundred 40.00

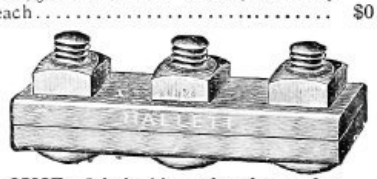
These are drop forged and cannot be broken and are the strongest and most effective U bolts on the market.

THIMBLES.

No. 405E—Diam. ¼ in., galv., w't per hundred 5 lbs.....per hundred $8.00
No. 406E—Diam. 5/16 in., galv., w't per hundred 6½ lbs.....per hundred 8.00
No. 407E—Diam. ⅜ in., galv., w't per hundred 10 lbs.....per hundred 9.00
No. 408E—Diam. ½ in., galv., w't per hundred 11½ lbs.....per hundred 11.00

GUY CLAMPS.

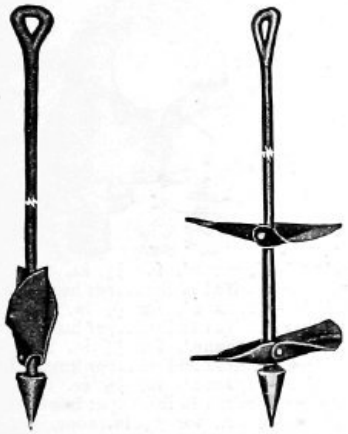
No. 2516E—2 bolt, 3 in. galv. clamps, for ⅜ in. or smaller strand, w't 1 lb., each..... $0.13



No. 3538E—3 bolt, 4 in. galv. clamps, for ⅜ in. or smaller strand, w't 1½ lb., each..... $0.17
No. 3512E—3 bolt, 5 in. galv. clamps, for 7/16 in. or ½ in. strand, w't 2 lbs., each..... .18

TELEPHONE CONSTRUCTION MATERIAL.

D. & T. GUY ANCHORS.



Nos. 1E and 3E, Closed Nos. 2E and 4E open

No. 1E—One 8×2½ in. blade, ⅝ in. × 5 ft. shaft, w't 6 lbs. ..... each $2.00

No. 2E—Two 8×2½ in. blades, ⅝ in. × 5 ft. shaft, w't 7 lbs. ..... each 2.50

No. 3E—One 12×3½ in. blade, ⅞ in. × 6 ft. shaft, w't 15 lbs. ..... each 3.20

No. 4E—Two 12×3½ in. blades, ⅞ in. × 6 ft. shaft, w't 16 lbs. ..... each 4.00

Nos. 2E and 4E have two pairs of blades at right angles to each other.

The anchor is driven into the ground the desired depth with sledge or maul. The blades are set by twisting to the right three revolutions. The design of the blades, like those of a screw propeller, causes them to spread when the anchor is twisted. The pitch is such that they spread to an angle of ninety degrees with the rod in three revolutions.

The spreading of the blades sinks the anchor about one inch, so that there is absolutely no lost motion in the ground. The pull is on solid earth that has not been disturbed.

The anchor can be set by one man in sixty seconds and will hold more than any other anchor manufactured.

ANCHOR OR GUY RODS.

No. 41E—Plain, ½ in. × 6 ft., with nut and washer, w't per hundred 479 lbs., per hundred $27.00

No. 43E—Plain, ⅝ in. × 6 ft., with nut and washer, w't per hundred 700 lbs., per hundred 36.40

No. 45E—Plain, ⅝ in. × 8 ft., with nut and washer, w't per hundred 900 lbs., per hundred 48.26

No. 47E—Plain, ¾ in. × 6 ft., with nut and washer, w't per hundred 1,000 lbs., per hundred 49.96

No. 42E—Galv., ½ in. × 6 ft., with nut and washer, w't per hundred 503 lbs., per hundred 35.28

No. 44E—Galv., ⅝ in. × 6 ft., with nut and washer, w't per hundred 720 lbs., per hundred 50.54

No. 46E—Galv., ⅝ in. × 8 ft., with nut and washer, w't per hundred 940 lbs., per hundred 63.26

No. 48E—Galv., ¾ in. × 6 ft., with nut and washer, w't per hundred 1,025 lbs., per hundred 70.78

Prices on double eye rods on application.

HALLETT GUY ANCHORS.

No. 84E—Plain, 4 in. plates, with ⅜ in. × 4 ft. rods, w't 3 lbs. ..... each $0.52

No. 85E—Plain, 5 in. plates, with ½ in. × 5 ft. rods, w't 5 lbs. ..... each .88

No. 86E—Plain, 6 in. plates, with ⅝ in. × 6 ft. rods, w't 9 lbs. ..... each 1.70

No. 88E—Plain, 8 in. plates, with ¾ in. × 8 ft. rods, w't 19 lbs. ..... each 3.46

No. 94E—Galv., 4 in. plates, with ⅜ in. × 4 ft. rods, w't 3 lbs. ..... each .60

No. 95E—Galv., 5 in. plates, with ½ in. × 5 ft. rods, w't 5 lbs. ..... each 1.00

No. 96E—Galv., 6 in. plates, with ⅝ in. × 6 ft. rods, w't 9 lbs. ..... each 1.90

No. 98E—Galv., 8 in. plates, with ¾ in. × 8 ft. rods, w't 19 lbs. ..... each 3.80

No. 99E—Guy anchor wrenches. .... each 4.00

The plate is forged, not cast, and will not crack. Sharpened so that it can be put into place with the least resistance possible. A guy rod sharpened on the end that goes into the ground with an eye on the other to connect with strand is placed through the plate.

The anchor is put into place with a No. 99E pipe wrench which is required to install the rod and is easily withdrawn after the anchor is placed.

GROUND RODS.

No. 615E—Plain, ⅜ in. × 5 ft., w't per hundred 175 lbs. ..... per hundred $12.10

No. 616E—Plain, ½ in. × 6 ft., w't per hundred 400 lbs. ..... per hundred 19.70

No. 617E—Galv., ⅜ in. × 5 ft., w't per hundred 190 lbs. ..... per hundred 17.60

No. 618E—Galv., ½ in. × 6 ft., w't per hundred 420 lbs. ..... per hundred 26.86

Pointed and drilled with ⅛ in. hole at top end.

DOUBLE ARMING BOLTS.

Double Arming Bolts, complete, with 4 Square Nuts and 4 Square Washers 2×2×⅛ in.

No. 1881E—Plain, ½×12 in., w't per hundred 142 lbs. ..... per hundred $12.10

No. 1883E—Plain ½×13 in., w't per hundred 146 lbs. ..... per hundred 12.26

No. 1885E—Plain, ½×14 in., w't per hundred 152 lbs. ..... per hundred 12.44

No. 1887E—Plain, ½×15 in., w't per hundred 158 lbs. ..... per hundred 12.66

No. 1889E—Plain, ½×16 in., w't per hundred 164 lbs. ..... per hundred 12.86

No. 1891E—Plain, ½×17 in., w't per hundred 170 lbs. ..... per hundred 13.08

No. 1893E—Plain, ½×18 in., w't per hundred 176 lbs. ..... per hundred 13.25

No. 1880E—Galv., ½×12 in., w't per hundred 142 lbs. ..... per hundred 15.18

No. 1882E—Galv., ½×13 in., w't per hundred 146 lbs. ..... per hundred 15.50

No. 1884E—Galv., ½×14 in., w't per hundred 152 lbs. ..... per hundred 15.82

No. 1886E—Galv., ½×15 in., w't per hundred 158 lbs. ..... per hundred 16.22

No. 1888E—Galv., ½×16 in., w't per hundred 164 lbs. ..... per hundred 16.60

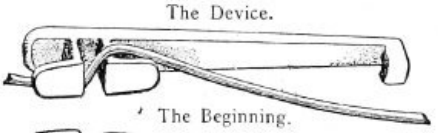
No. 1890E—Galv., ½×17 in., w't per hundred 170 lbs. ..... per hundred 17.00

No. 1892E—Galv., ½×18 in., w't per hundred 176 lbs. ..... per hundred 17.32

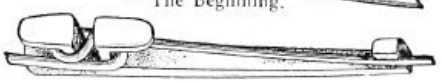
Furnished without washers if so desired.

PENN WIRE TIGHTENERS.

The Device.



The Beginning.



The Finish.

No. 888E—Plain, 3½ in. long, w't per hundred 6 lbs. ..... per hundred $6.00

The above cut explains itself. Takes up 10 in. slack and does not crack or injure the wire. To be left on wire.

TREE TRIMMERS.

No. 394E—18 in. over all, w't 2¾ lbs., each. $3.60

No. 395E—21 in. over all, w't 3¼ lbs., each. 4.40

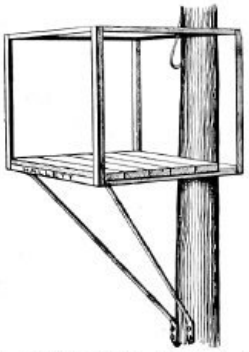
Any length handle can be used.

No. 396E—18 in., detachable saw, w't 3 lbs. ..... each $4.60

Any length handle can be used.

TELEPHONE CONSTRUCTION MATERIAL.

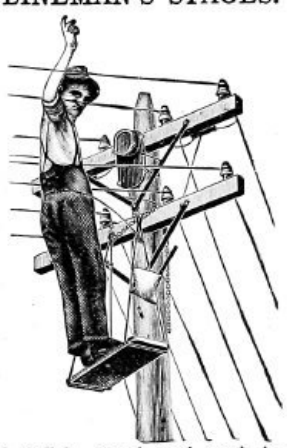
POLE PLATFORMS.



No. 1430E—3×2 ft. 6 in., painted, w't 70 lbs ..... each $10.00
No. 1431E—3×2 ft. 6 in., galvanized, w't 70 lbs ..... each 16.00
No. 1432E—3×3 ft. 6 in., painted, w't 76 lbs ..... each 12.00
No. 1433E—3×3 ft. 6 in., galvanized, w't 76 lbs ..... each 18.00

This platform has two strong angle rails, an oak floor on an iron frame and two round rod braces. Recommended on important terminal poles, where a good deal of work is done.

LINEMAN'S STAGES.



No. 161E—With guard and tool bag, w't 15 lbs ..... each $6.00

This stage is safe, strong and portable, folds and packs in a small space, and gives lineman an opportunity to work with both hands.

MESSENGER CARS.

No. 1603E—Iron frame, wooden wheels and seat, w't 30 lbs ..... each $10.00

These cars are used for riding messenger strands.

BUTT GUARDS AND POLE PROTECTORS.

Butt Guards.

No. 515E—Plain, $\frac{7}{16}$×18× 24 in., w't 23 lbs ..... each $1.56
No. 516E—Galv., $\frac{7}{16}$×18× 24 in., w't 23 lbs ..... each 2.02
No. 517E—Plain, $\frac{7}{16}$×15× 18 in., w't 14½ lbs .... each 1.23
No. 518E—Galv., $\frac{7}{16}$×15× 18 in., w't 14½ lbs .... each 1.54

A steel plate bent into a half circle, which makes a substantial guard, strong enough to stand hard knocks, yet elastic enough so that it can be bent into place on any size pole.

Pole Protectors.

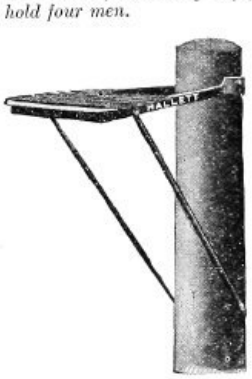
No. 510E—Galv., 2 in. wide by 4 ft. long, w't per hundred, 90 lbs. . . per hundred $12.00

Made of No. 22 sheet iron strips, clipped to point at both ends.

POLE SEATS.

No. 1425E—Plain, 8×24 in., wood seat, w't 20 lbs ..... each $1.00
No. 1426E—Galv., 8×24 in., wood seat, w't 20 lbs ..... each 1.25

This seat consists of an angle iron frame, with two angle iron braces, absolutely safe, sufficient strength to hold four men.



No. 1427E—Plain, steel seat, w't 21 lbs., each $4.00
No. 1428E—Galvanized, steel seat, w't 21 lbs. ..... each 5.00

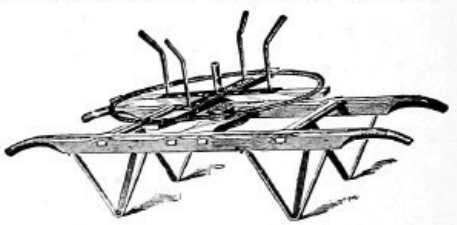
Made of angle iron with flat bars riveted to the ring for the seat, two braces running from both sides of the pole prevent tipping.

CABLE TROLLEYS.

No. 1870E—Arrow. ..... each $2.50

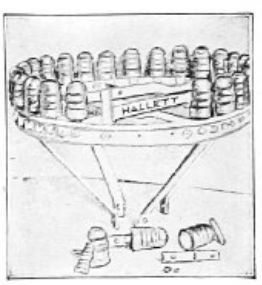
Used for installing heavy telephone cable and will carry any size cable up to four hundred pair.

COMBINATION PAY-OUT REELS



No. 136E—Oak, ironed and bolted, w't 80 lbs. ..... each $16.00

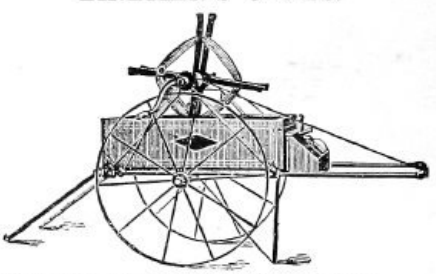
DISTRIBUTING RINGS.



No. 125E—Plain, 25 wire frames, with braces, w't 70 lbs. ..... each $8.40
No. 225E—Galv., 25 wire frames, with braces, w't 70 lbs. ..... each 9.00
No. 150E—Plain, 50 wire frames, with braces, w't 90 lbs. ..... each 14.50
No. 250E—Galv., 50 wire frames, with braces, w't 90 lbs. ..... each 16.00

Frames can be put up after the poles are set and metallic pins added as occasion requires. Insulators not included with rings.

LINEMEN'S CARTS.



No. 3811E—Complete with reel, w't 140 lbs. each $27.00
No. 3812E—Without reel, w't 100 lbs. each 20.00

A convenient cart for handling telephone wire.

PLEASE INSERT IN BACK OF CATALOGUE.

DESTROY ALL FORMER PRICE LISTS

MARCH 1, 1910

Approximate Price List

APPLYING TO LOOSE LEAF CATALOGUE

CORRECTED TO DATE OF ISSUE AND SUBJECT TO CHANGE WITHOUT NOTICE

Carefully Read the Following:

☛ This list is furnished to assist Merchants having a copy of our Loose Leaf Catalogue to secure extra business by taking orders for goods not regularly carried in stock.

☛ The Approximate figures are higher than our prices ruling March 1, 1910.

☛ Sales should be made at an advance over our Approximate prices.

☛ **All prices are subject to change without notice with market fluctuations.**

HIBBARD, SPENCER, BARTLETT & CO.,

STATE STREET BRIDGE

CHICAGO

THE GREAT VALUE OF OUR APPROXIMATE PRICE LIST

TO MERCHANTS

Our Loose Leaf Catalogue solved the problem of supplying the trade with up to date information. Our Approximate Price List affords an idea of value on every article illustrated and described. With these two great factors merchants are enabled to add largely to their sales, at the same time prevent their customers ordering goods elsewhere which they do not carry or could not profitably stock.

If the merchant of today wishes to hold and increase his trade he must be able to furnish goods his customers want. You cannot stock everything, nor is it profitable to carry articles for which there is only an occasional demand. You are as near to us as the farmer is to the largest mail order houses. Our Approximate Price List supplies a means always at hand of taking care of this business.

THE APPROXIMATE PRICE LIST

A COMPLETE CHECK ON OUR LOOSE-LEAF CATALOGUE

Few of our customers realize the amount of information contained in our Approximate Price List. Every change in list, all new goods and variation in prices are herein noted. But more important is the assurance that the catalogue is up to date.

In taking orders it is important to know whether you have the latest page issued. This is invariably given thus—"New page dated——." If your catalogue agrees with the Approximate Price List you may be sure you have the latest information. If no date is given, the original page without date is still good. It should be another incentive to keep your book up to date by promptly inserting new leaves as soon as received. It affords a complete check on the book, enabling you to know its condition at all times.

At the back of this list is printed a list of the different lots of Extra Pages issued since the book was printed and the means of easily determining if any have been missed. The merchant who keeps our catalogue up-to-date not only proves his right to deserve success, but is bound to gain largely by the accurate, convenient and useful information always at hand.

APPROXIMATE VALUES

HIGHER THAN OUR PRICES RULING MARCH 1, 1910. SALES SHOULD BE MADE AT AN ADVANCE OVER THESE PRICES.

Page 1

U. S. A. AXES.

New page dated March 1, 1910.

NO. 1 U. S. A. MICHIGAN PATTERN, SINGLE BIT.

Wts. asstd., lbs.	3to4	3¼to3¾	3¼to4¼
Per dozen	$8 70	8 70	9 00
Wts. asst., lbs.		3½to4	3½to4½
Per dozen		$9 00	9 00
Weights assorted, lbs.	3¾to4¼	3¾to4¾	4to5
Per dozen	$9 00	9 30	9 30

NO. 2 U. S. A. YANKEE PATTERN, SINGLE BIT.

Wts. asst., lbs.	3to4	3½to4½	4to5	4½to5½
Per dozen	$8 70	9 00	9 30	10 20

NO. 10 U. S. A. MICHIGAN PATTERN, DOUBLE BIT.

Wts. asst., lbs.	3½to4	3½to4½	4to5	4½to5½
Per dozen	$12 00	12 00	12 30	12 60

NO. 20. U. S. A., WESTERN PATTERN, DOUBLE BIT.

Wts. asst., lbs.	3½to4½	4to5	4½to5½
Per dozen	$12 00	12 30	12 60

NO. 40 U. S. A. REVERSIBLE PATTERN, DOUBLE BIT.

Weights assorted, lbs.	3to4	3½to4½
Per dozen	$11 70	12 00

NO. 50. U. S. A., SWAMPING PATTERN, DOUBLE BIT.

Weights assorted, lbs.	3to4	3½to4½
Per dozen	$11 70	12 00

HANDLED SINGLE BIT.
Extra to Above Prices.

Nos.	A	B	C	D	CC
Per dozen	$5 40	5 40	5 50	5 50	5 50
Nos.	DD	E	F	EE	FF
Per dozen	$3 25	3 25	3 25	3 25	2 70

HANDLED DOUBLE BIT.

Nos.	T	L	LL	P	N	PP
Per dozen.	$5 40	5 50	3 30	3 30	3 30	2 70

Page 2

CHERRY BEVELED UNHANDLED AXES.

New page dated March 1, 1910.

NO. 01 MICHIGAN PATTERN, SINGLE BIT.

Wts. asst.	3to4	3¼to4¼	3½to4½	4to5
Per dozen	$7 00	7 00	7 50	8 00

NO. 02 YANKEE PATTERN, SINGLE BIT.

Wts. asstd		3½to4½	4to5
Per dozen		$7 50	8 00

NO. 010 MICHIGAN PATTERN, DOUBLE BIT.

Wts. asstd.	3½to4½	4to5
Per dozen	$11 50	12 00

HANDLED SINGLE BIT.
Extra to Above Prices.

Nos.	A	B	C	D	CC
Per dozen	$5 40	5 40	5 50	5 50	5 50
Nos.	DD	E	F	EE	FF
Per dozen	$3 30	3 30	3 30	3 30	2 70

HANDLED DOUBLE BIT.

Nos.	T	L	LL	P	N	PP
Per dozen.	$5 40	5 50	3 30	3 30	3 30	2 70

Page 3

OUR VERY BEST PHANTOM BEVELED AXES.

New page dated March 1, 1910.

NO. 1 O. V. B. MICHIGAN PATTERN SINGLE BIT.

Wts. asst., lbs.	3to4	3¼to4¼	3½to4	
Per dozen	$8 70	9 00	9 00	
Wts. asst., lbs.		3½to4½	4to5	
Per dozen		$9 00	9 30	

NO. 2 O. V. B. YANKEE PATTERN SINGLE BIT.

Wts. asst., lbs.	3to4	3½to4½	4to5	4½to5½
Per dozen	$8 70	9 00	9 30	9 60

Page 3

NO. 10 O. V. B. MICHIGAN PATTERN DOUBLE BIT.

Weights, assorted, lbs.	3½to4	3½to4½	4to5
Per dozen	$11 40	11 40	11 70

HANDLED SINGLE BIT.
Extra to Above Prices.

Nos.	A	B	C	D	CC
Per dozen	$5 40	5 40	5 50	5 50	5 50
Nos.	DD	E	F	EE	FF
Per dozen	$3 25	3 25	3 25	3 25	2 70

HANDLED DOUBLE BIT.

Nos.	T	L	LL	P	N	PP
Per dozen	$5 40	5 50	3 30	3 30	3 30	2 70

Page 4

OUR VERY BEST HAND MADE AXES.

New page dated March 1, 1910.

NO. 11 O. V. B. MICHIGAN PATTERN SINGLE BIT.

Wts. asst., lbs.	3to4	3¼to4¼	3½to4½	4to5
Per dozen	$6 65	6 60	6 60	3 90

NO. 12 O. V. B. YANKEE PATTERN SINGLE BIT.

Wts. asst., lbs.	3to4	3½to4½	4to5	4½to5½
Per dozen	$6 30	6 90	6 90	7 20

NO. 110 MICHIGAN PATTERN, DOUBLE BIT.

Weights, assorted, lbs.	3½to4	3½to4½	4to5
Per dozen	$9 30	9 30	10 25

NO. 120 WESTERN PATTERN, DOUBLE BIT.

Wts. asstd., lbs.	3½to4½	4to5	4½to5½	
Per dozen	$9 30	9 60	9 90	

HANDLED SINGLE BIT.
Extra to Above Prices.

Nos.	A	B	C	D	CC
Per dozen	$5 40	5 40	5 50	5 50	5 50
Nos.	DD	E	F	EE	FF
Per dozen	$3 25	3 25	3 25	3 25	2 70

HANDLED DOUBLE BIT.

Nos.	T	L	LL	P	N	PP
Per dozen	$5 40	5 50	3 30	3 30	3 30	2 70

Page 5

OUR VERY BEST POLISHED AXES.

New page dated March 1, 1910.

NO. 21 O. V. B. MICHIGAN PATTERN SINGLE BIT.

Weights assorted, lbs.	3to4	3¼to3¾	3¼to4¼	
Per dozen	$6 90	6 90	7 20	
Wts. asstd., lbs.		3½to4	3½to4½	3¾to4¼
Per dozen		$7 20	7 20	7 20
Wts. asstd., lbs.			3¾to4¾	4to5
Per dozen			$7 50	7 50

NO. 22 O. V. B. YANKEE PATTERN SINGLE BIT.

Wts. asst., lbs.	3to4	3½to4½	4to5	4½to5½
Per dozen	$6 90	7 20	7 50	7 80

NO. 23 O. V. B. WISCONSIN PATTERN SINGLE BIT.

Weights assorted, lbs.	3to4	3½to4	3½to4½
Per dozen	$6 90	6 90	7 20

NO. 210 O. V. B. MICHIGAN PATTERN DOUBLE BIT.

Weights assorted, lbs.	3½to4	3½to4½	4to5	
Per dozen	$10 20	10 20	10 50	

NO. 230 O. V. B. WISCONSIN PATTERN DOUBLE BIT.

Weights, assorted, lbs.	3½to4½	4to5	
Per dozen	$10 20	10 50	

HANDLED SINGLE BIT.
Extra to Above Prices.

Nos.	A	B	C	D	CC
Per dozen	$5 40	5 40	5 50	5 50	5 50
Nos.	DD	E	F	EE	FF
Per dozen	$3 25	3 25	3 25	3 25	2 70

HANDLED DOUBLE BIT.

Nos.	T	L	LL	P	N	PP
Per dozen	$5 40	5 50	3 30	3 30	3 30	2 70

Page 6

OUR VERY BEST BRONZED AXES.

New page dated March 1, 1910

NO. 31 O. V. B. MICHIGAN PATTERN SINGLE BIT.

Weights assorted, lbs.	3to4	3¼to4¼	3½to4½	
Per dozen	$6 25	6 50	6 50	
Weights assorted, lbs.		3½to4½	3¾to4¾	4to5
Per dozen		$6 30	6 90	3 90

NO. 32 O. V. B. YANKEE PATTERN SINGLE BIT.

Wts. asst., lbs.	3to4	3½to4½	4to5	4½to5½
Per dozen	$6 30	6 60	6 90	7 20

NO. 34 O. V. B. DAYTON PATTERN SINGLE BIT.

Weights assorted, lbs.	3½to4½	4to5	4½to5½	
Per dozen	$6 60	6 90	7 20	

NO. 310 O. V. B. MICHIGAN PATTERN DOUBLE BIT.

Weights assorted, lbs.	3½to4	3½to4½	4to5
Per dozen	$9 30	9 30	10 20

NO. 320 O. V. B. WESTERN PATTERN DOUBLE BIT.

Wts. asst., lbs.	3½to4	3½to4½	4to5	4½to5½
Per dozen	$9 30	9 30	9 60	9 90

NO. 340 O. V. B. REVERSIBLE PATTERN DOUBLE BIT.

Weights assorted, lbs.	3to4	3½to4½
Per dozen	$9 00	9 30

HANDLED SINGLE BIT.
Extra to Above Prices.

Nos.	A	B	C	D	CC
Per dozen	$5 40	5 40	5 50	5 50	5 50
Nos.	DD	E	F	EE	FF	J
Per dozen	$3 25	3 25	3 25	2 70	2 40	

HANDLED DOUBLE BIT.

Nos.	T	L	LL	P	PP	R	N
Per doz.	$5 40	5 50	3 30	3 30	2 70	2 40	3 30

Page 7

REV-O-NOC SINGLE BIT AXES.

New page dated March 1, 1910.

NO. 1 REV-O-NOC MICHIGAN PATTERN.

Wts. asst., lbs.	3to4	3½to4¼	3½to4½	4to5
Per dozen	$7 50	7 80	7 80	8 10

NO. 2 REV-O-NOC YANKEE PATTERN.

Weights assorted, lbs.	3to4	3½to4½	4to5	
Per dozen	$7 50	7 80	8 10	

MARICOPA SINGLE BIT AXES.

NO. 41 MARICOPA MICHIGAN PATTERN.

Weights assorted, lbs.	3to4	3½to4½	4to5
Per dozen	$5 75	6 00	6 25

NO. 42 MARICOPA YANKEE PATTERN.

Weights assorted, lbs.	3to4	3½to4½	4to5
Per dozen	$5 70	6 00	6 30

HANDLES FOR REV-O-NOC.
Extra to Above Prices.

Nos.	A	B	C	D	CC
Per dozen	$5 40	5 40	5 50	5 50	5 50
Nos.	DD	E	F	EE	FF
Per dozen	$3 25	3 25	3 25	3 25	2 70

HANDLES FOR MARICOPA.

Nos.	E	F	EE	FF	J	K	S
Per dozen	$3 25	3 25	3 25	2 70	2 40	2 10	2 40

Page 8

PIONEER AXES.

New page dated March 1, 1910.

VALLEY FORGE AXES.

NO. 61 VALLEY FORGE MICHIGAN PATTERN SINGLE BIT.

Wts. asst., lbs.	3to4	3¼to4¼	3½to4½	4to5
Per dozen	$6 00	6 30	6 30	6 60

NO. 62 VALLEY FORGE YANKEE PATTERN SINGLE BIT.

Weights assorted, lbs.	3to4	3½to4½	4to5	
Per dozen	$6 00	6 30	6 60	

NO. 620 VALLEY FORGE WESTERN PATTERN DOUBLE BIT.

Weights assorted, lb.	3½to4½	4to5	4½to5½	
Per dozen	$9 00	9 30	9 60	

(Continued on Next Page.)

Page

NO. 51 PIONEER MICHIGAN PATTERN SINGLE BIT.

Wts. asst., lbs...	2to4	3¼to4¼	3½to4½	4to5
Per dozen	$6 20	7 20	7 20	7 50

NO. 52 PIONEER YANKEE PATTERN SINGLE BIT.

Wts. asst., lbs...	3to4	3½to4½	4to5	4½to5½
Per dozen	$6 90	7 20	7 50	7 80

NO. 520 PIONEER WESTERN PATTERN DOUBLE BIT.

Weights assorted, lbs...	3½to4½	4to5	4½to5½
Per dozen	$10 20	10 25	19 80

HANDLED PIONEER OR VALLEY FORGE SINGLE BIT.

Extra to Above Prices.

Nos.	A	B	C	D	CC	DD
Per dozen	$5 40	5 50	5 50	5 50	5 50	3 25
Nos.	E	F	EE	FF	J	K
Per dozen	$3 25	3 25	3 25	2 70	2 40	2 10

PIONEER OR VALLEY FORGE DOUBLE BIT.

Nos.	T	L	LL	P	PP	N	R
Per dozen	$5 40	5 50	3 30	3 30	2 70	3 30	2 40

9 **UNHANDLED AXES**

New page dated March 1, 1910.

No. 82 Pine Tree, Yankee Pattern.

Wts. asstd., lbs.....	3to4	3½to4½	4to5
Per dozen	$5 70	6 00	6 30

No. 91—Pride of the Forest, Michigan Pattern.

Wts. asstd., lbs.....	3to4	3½to4½	4to5
Per dozen	$5 10	5 70	6 00

No. 92—Pride of the Forest, Yankee Pattern.

Wts. asstd., lbs.....	3to4	3½to4½	4to5
Per dozen	$5 10	5 70	6 00

No. 71—Robert Mann, Michigan Pattern.

Wts. asstd., lbs.....	3to4	3½to4½	4to5
Per dozen	$6 60	6 90	7 20

No. 72—Lippincott, Yankee Pattern.

Wts. asstd., lbs. 3to 4	3½to4½	4to5	4½to5½
Per dozen $6 90	7 20	7 50	7 80

No. 720 Lippincott, Western Pattern.

Wts. asstd., lbs.....	3½to4½	4to5
Per dozen	$9 90	10 20

HANDLES, SINGLE BIT.

Extra to Above Prices.

Nos.	C	D	CC	DD	E
Per dozen	$4 20	4 20	4 20	3 25	3 25
Nos.	F	EE	FF	J	K
Per dozen	$3 25	3 25	2 70	2 40	2 10

HANDLES, DOUBLE BIT.

Nos.	L	LL	P	PP	R	N
Per dozen	$4 20	3 30	3 30	2 70	2 40	3 30

10 **HANDLED AXES.**

New page dated March 1, 1910.

No. J101—Camp Fire, Michigan Pattern.

Wts. asstd., lbs.....	3to4	3½to4½	4to5
Per dozen	$3 10	8 40	8 65

No. J102—Camp Fire, Yankee Pattern.

Wts. asstd., lbs.....	3to4	3½to4½	4to5
Per dozen	$3 10	8 40	8 65

No. 7—Firemen's with Pick Point.

Wts., lbs., without hdls...	4	5	6
Per dozen	$13 20	13 20	13 20
Boys' Nos.	20	24	2	12
Per dozen	$7 50	6 90	6 00	5 50

No S91—Pride of the Forest, Michigan Pattern.

Wts. asstd., lbs.....	3to4	3½to4½	4to5
Per dozen	$6 30	6 60	6 90

No. S92—Pride of the Forest, Yankee Pattern.

Wts. asstd., lbs.....	3to4	3½to4½	4to5
Per dozen	$6 30	6 60	6 90

No. W92—Pride of the Forest, Yankee Pattern.

Wts. asstd., lbs.....	3to4	3½to4½
Per dozen	$7 20	7 50
Hunters' Nos.	22¼	22½	23
Per dozen	$5 40	5 10	4 80

15 **BROAD AXES, ADZES AND AXE RACKS.**

New page dated March 1, 1910.

Axe Racks.

No. 15	each $1 20
No. 10	" 2 80

Broad Axes.

Canada Pattern, 6¼ to 7½ lbs.	per dozen $25 10
Canada Pattern, 7½ to 8½ lbs.	" 26 20
Ramsey Pattern, 6½ to 7½ lbs.	" 25 10
Pennsylvania Pattern, 6½ to 7½ lbs.....	" 21 60

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Adzes.

Cut—Inches	4	4½	5	5½
No. 10..per dozen	$12 60	12 60		
No. 20.. "			13 85	13 85
No. 30.. "	15 90	15 90		

16 **OUR VERY BEST HATCHETS.**

New page dated March 1, 1910.

Cherry Beveled.

Nos.	PS2	PH2	PC2
Per dozen	$8 70	9 00	9 30

Octagon Head

Nos. ...	210	220	410	420	430	0420	0430
Per doz.	$11 70	11 00	8 40	8 70	9 00	9 00	9 30

Shingling.

Nos.	1	2	3
Per dozen	$6 95	7 30	7 70

Claw.

Nos.	1	2	3
Per dozen	$7 70	8 05	8 40

Broad.

Nos.	1	2	3	4	5	6
Per dozen	$9 00	9 65	11 35	12 30	13 70	14 65

Half.

Nos.	1	2	3
Per dozen	$7 30	7 70	8 05

Lath.

Nos.	0	1	2	3
Per dozen	$6 65	6 95	7 30	7 70

17 **OUR VERY BEST HATCHETS.**

New page dated March 1, 1910.

Nos.	110	120	130	10	20	30
Per doz.	$10 80	10 80	10 80	12 60	12 60	12 60
Nos.	85	86	88	100	84	P
Per doz..	$12 60	12 90	14 40	13 80	12 90	6 00

18 **HATCHETS.**

New page dated March 1, 1910.

O. V. B. Shingling.

Nos.	1	2	3
Per dozen	$5 45	5 80	6 20

O. V. B. Claw.

Nos.	1	2	3
Per dozen	$6 20	6 50	6 85

O. V. B. Half.

No. 1	per dozen $5 80
No. 2	" 6 20

O. V. B. Lath.

Nos.	0	1	2
Per dozen	$5 10	5 45	5 80

O. V. B. Broad.

Nos.	1	2	3	4	5
Per dozen	$7 20	7 85	8 90	9 90	11 30
Nos.		D2	D3	D4	D5
Per dozen		$7 85	8 95	9 90	11 30

Rev-o-noc Shingling.

Nos.	1	2	3
Per dozen	$5 15	5 50	5 90

Rev-o-noc Claw.

Nos.	1	2	3
Per dozen	$5 90	6 25	6 60

Rev-o-noc Half.

No. 1	per dozen $5 50
No. 2	" 5 90

Rev-o-noc Broad.

Nos.	2	3	4	5
Per dozen	$7 45	8 40	9 40	10 70
No. 32—Derrick	per dozen $7 55			

19 **HATCHETS.**

New page dated March 1, 1910.

Maricopa.

Nos.	1	2	3	4	5
Shingling.per dozen..	$4 30	4 55			
Half	"	4 55	4 85		
Lath	"	4 30	4 55		
Claw	"	4 85	5 15	5 40	
Broad ...	"		6 20	7 00	7 85	8 95

Cruso.

Nos.	1	2	3
Shingling.....per dozen	$4 00	4 25	4 50
Half	"	4 25	4 50
Claw	"	4 50	4 75	5 00

Cast Iron.

Nos.	1	2
Shingling .....per dozen	$1 20	1 45
Claw	"	1 55	1 70

20 **HATCHETS.**

New page dated March 1, 1910.

Shingling.

Nos.	1	2	3
Per dozen	$5 20	5 50	5 85

Claw.

Nos.	1	2	3
Per dozen	$5 80	6 15	6 50

Half.

No. 1	per dozen $5 50
No. 2	" 5 80

Page

Lath.

Nos.	0	1	2	3
Per dozen	$4 90	5 20	5 50	5 80

Broad.

Nos.	2	3	4	5	6
Per dozen	$7 45	8 40	9 40	10 70	11 65

Miscellaneous.

Nos.	90	80	380	75	318	318½
Per dozen	$11 70	18 00	19 80	24 00	9 40	9 75
Nos.	0318	0318½	200	17	16	
Per dozen....	$9 75	10 20	3 85	20 40	10 20	

29 **HAMMERS.**

New page dated Oct. 1, 1909.

Nos.	421½	422	221½	222	R1
Per dozen.....	$8 70	8 40	7 80	7 50	6 15
Nos.	R1½	R2	R11	R11½	R12
Per dozen.....	$5 80	5 45	6 15	5 80	5 45
Nos.	0	1	1½	2	3
Per dozen	$8 55	6 15	5 80	5 45	5 10
Nos.	11	11½	12	13	14
Per dozen	$6 15	5 80	5 45	5 10	4 95
Nos.	C11½	B3	F3	F2	F1
Per dozen	$6 10	4 20	4 25	5 10	6 10

30 **HAMMERS AND PICKS.**

New page dated Oct. 1, 1909.

O. V. B. RIVETING.

Nos.	0	1	2	3	4	5	6
Per doz...	$3 75	3 90	4 10	4 25	4 45	4 75	5 10

O. V. B. MACHINISTS'.

Nos.	4-0	3-0	2-0	0	1
Per dozen	$5 45	5 45	5 45	5 70	6 15
Nos.	2	3	4	5	6
Per dozen	$6 60	7 10	7 50	8 00	8 65

O. V. B. JEWELERS'.

No. 6-0	per dozen $6 00

O. V. B. BLACKSMITHS', HAND.

Nos.	1	2	3
Per dozen	$7 80	8 10	8 65

O. V. B. PLOW OR ENGINEERS'.

Nos.	0	1	2	3
Per dozen	$6 50	7 00	7 60	8 10

O. V. B. MISC. HAMMERS.

Nos.	T2	T3	P1	P2	20	22
Per dozen	$4 25	4 60	7 20	7 65	9 75	8 10

O. V. B. PROSPECTING PICKS.

No PP1	per dozen $8 40
No. PP2	" 9 00

31 **HAMMERS.**

New page dated October 1, 1908.

Nos.	170	171	172	173	174	76
Per dozen	$8 10	5 80	5 50	5 15	4 85	5 50
Nos.	80	81	82	83	86	21
Per dozen	$5 80	5 50	5 20	4 85	5 50	9 25
Nos.	251	252	253P	254	255	256
Per dozen	$3 70	3 90	4 10	4 20	4 55	erase
Nos.	160	183	182	171P	370	371	372
Per dozen	$3 90	4 05	4 85	5 80	5 20	5 20	5 20
Nos.	373	374	375	376	377	378	379
Per dozen	$5 40	5 80	6 25	6 70	7 15	7 50	8 20

32 **HAMMERS.**

New page dated October 1, 1908.

Drill Sharpening.

Nos. 1 and 2.....	Erase

Prospecting Hammers.

Nos. 1 and 2.....	Erase

Prospecting Picks.

No. 1	per dozen $8 60
No. 2	" 9 10

Brick Hammers.

No. 2	per dozen $7 80

Shoe, Etc.

Nos.	453	454	455	281	282
Per dozen	$3 95	4 15	4 30	7 20	7 70
Nos.	283	0260	0261	0262	0263
Per dozen	$8 20	5 75	6 24	6 72	7 20
No. 64—sizes, oz.....			12	14	16
Per dozen			$7 75	7 75	7 75
No. 65—All sizes					Erase

33 **HAMMERS.**

New page dated October 1, 1908.

Nos.	1	1½	2	3	11
Per dozen	$6 80	6 25	5 75	5 25	6 80
Nos.	11½	12	13	G11½	G12
Per dozen	$6 25	5 80	5 25	9 90	9 30
Nos.	701	701½	702	711	711½
Per dozen	$6 80	6 20	5 85	6 80	6 20
Nos.	712	226	227	228	253	152
Per dozen	$6 15	4 30	4 10	3 95	5 20	5 95
Nos. ...	55	70½	71	72	73	74
Per dz.	$4 45	11 35	10 00	9 00	8 15	7 50
Nos.	75	40	41	42	43	44
Per dozen	$7 00	6 30	5 40	4 45	3 90	3 70

Remember that these prices are only approximate and are higher than those ruling at the date of issue.

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HAMMERS.

New page dated October 1, 1908.

Nos.	91	92	61	62	011½	011½
Per dozen	$8 65	8 00	10 00	9 32	3 60	3 60
Nos.	M11½	M12	M13	122	102	22
Per dozen	$2 70	2 40	1 90	1 50	1 30	1 60
Nos.	22½	113	50	60	15	1
Per dozen	$1 60	1 45	70	85	80	1 70

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TACK HAMMERS.

New page dated March 1, 1910.

Nos.	5	25	200	1	2
Per dozen	$0 35	60	2 75	80	90
Nos.	3	4	946	10	412	190
Per dozen	$1 10	1 80	2 70	5 40	5 40	2 20
Nos.	20	30	750	57	34	
Per dozen	$5 40	9 30	7 20	85	2 40	

BILL POSTERS' HAMMERS.

No. 500	per dozen $ 9 25
No. 800	" 11 75

HANDLES FOR BILL POSTERS' HAMMERS.

Inches	18	24	36	36, jointed
Per dozen	$3 25	3 40	3 60	7 20

CARD HOLDER ATTACHMENTS.

Per dozen sets $1 80

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TACK CLAWS, PULLERS, CARPET STRETCHERS, ETC.

New page dated March 1, 1910.

Nos.	374	11	39	50	O.V.B.	150	100
Per dozen	$0 55	80	85	85	1 45	1 30	50
Nos.	1H	1	5	7	9	12	
Per dozen	$1 20	80	2 40	4 50	6 00	10 20	

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MAULS, HAMMERS AND SLEDGES.

New page dated March 1, 1910.

Sorting Hammers.

Weights, lbs.	1½	2	2
Per dozen	$2 55	3 40	3 35

Masons' Hammers.

Weights, lbs.	3	3½	4	4½	5
Per dozen	$4 30	5 05	5 75	6 50	6 50
Weights, lbs.	5½	6	7	8	9	10
Per doz.	$7 10	7 75	9 05	10 35	11 65	12 95

Single Face Spalling Hammers.

Weights, lbs.	8	10	12	14	16
Per dozen	$8 35	10 45	12 50	14 60	16 70

Double Face Spalling Hammers.

Weights, lbs.	4	5	6	7	
Per dozen	$4 80	5 20	6 25	7 30	
Weights, lbs.	8	10	12	14	16
Per dozen	$8 20	10 45	12 50	13 60	16 70

Hand Drilling Hammers.

Weights, lbs.	3	3½	4	4½
Per dozen	$3 90	4 50	5 20	5 80

Regular Striking Hammers.

Weights, lbs.	3	3½	4	4½	5	6
Per dozen	$2 80	2 90	3 74	4 20	3 40	4 10
Weights, lbs.	7	8	9	10	12	14
Per dozen	$4 80	5 50	6 05	6 85	7 05	8 00

Oregon Pattern Striking Hammers.

Weights, lbs.	4	5	6	7
Per dozen	$3 75	3 40	4 10	4 80
Weights, lbs.	8	9	10	12
Per dozen	$5 50	6 05	6 85	7 05

Stone Sledges.

Weights, lbs.	6	7	8	10
Per dozen	$4 10	4 80	5 50	6 85
Weights, lbs.	12	14	16	18	20
Per dozen	$7 05	9 55	10 95	12 20	13 70

Railroad Mauls.

Weights, lbs.	6	8	10
Per dozen	$4 75	6 35	7 90

Ship or Top Mauls.

Weights, lbs.	4½	5	5½	6	7
Per dozen	$4 85	5 40	5 95	6 50	7 55

Blacksmiths' Hand Hammers.

Weights, lbs.	1½	2	2½	3
Per dozen	$1 95	2 60	3 25	3 10

Coal Miners' Sledges.

Weights, lbs.	5	6	7	8
Per dozen	$3 95	4 75	5 55	6 35

Wood Choppers' Mauls.

Weights, lbs.	6	7	8	9	10	12
Per dozen	$5 60	6 55	7 50	8 40	9 35	11 20

Cross Pein Blacksmiths' Sledges.

Weights, lbs.	4	5	6	7	8
Per dozen	$3 75	3 40	4 10	4 80	5 50
Weights, lbs.	10	12	14	16
Per dozen	$6 85	7 05	9 55	10 95

Every order received will be billed at the lowest market rates regardless of the prices printed in this catalogue.

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Double Face Blacksmiths' Sledges.

Weights, lbs.	4	5	6	7	8
Per dozen	$3 75	3 40	4 10	4 80	5 50
Weights, lbs.	10	12	14	16
Per dozen	$6 85	7 05	9 55	10 95

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WEDGES, POST MAULS, CROW BARS, ETC.

New page dated March 1, 1910.

Wood Choppers' Wedges.

Weights, lbs.	3	3½	4	4½	5
Per dozen	$1 45	1 70	1 85	2 00	2 35
Weights, lbs.	5½	6	6½	7	7½	8
Per dozen	$2 55	2 80	3 05	3 25	3 50	3 75
No. 10—Assorted	per box $2 05					
No. 20—Assorted	" 2 20					

Truckee Patterns Wedges.

Weights, lbs.	3	3½	4	4½
Per dozen	$1 50	1 60	2 00	2 25
Weights, lbs.	5	5½	6
Per dozen	$2 50	2 75	3 00
Weights, lbs.	6½	7	7½	8	9	10
Per dozen	$3 25	3 50	3 75	4 00	4 50	5 05

Lake Superior Pattern Wedges.

Weights, lbs.	5	5½	6	7	8
Per dozen	$5 05	5 55	6 05	7 05	8 05

Oregon Pattern Wedges.

Weights, lbs.	3	4	4½	5
Per dozen	$3 00	4 00	4 55	5 05
Weights, lbs.	5½	6	7	8
Per dozen	$5 55	6 05	7 05	8 05

Stave Wedges.

Weights, lbs.	3	3½	4	4½	5
Per dozen	$2 35	2 75	3 15	3 55	3 90

Tie Wedges.

Weights, lbs.	3	3½	4	4½	5
Per dozen	$2 15	2 50	2 90	3 25	3 60

Saw Wedges.

Weights, lbs.	1¾	2	2½
Per dozen	$1 60	1 85	2 35

Coal Miners' Wedges.

Weights, lbs.	1¼	1¾	2	2½	3
No. 1	per dozen	$1 35	1 60	1 80	2 30	2 70
No. 2	"	1 80	2 10	2 40	3 00	3 60
No. 3	"	1 80	2 10	2 40		

Axe Wedges.

No. 1	per dozen $0 30
No. 2	" 40

Beetle Rings.

Sizes	5	5½	6
Per dozen	$3 95	4 35	4 75

Post Mauls.

Weights, lbs.	10	13	16	18	20
Per dozen	$3 90	4 70	5 40	6 00	6 60

Wood Faced Post Mauls.

Weights' lbs.	10	12	14
Per dozen	$6 00	6 70	7 50

Carpenters' Bars.

No. 7—Sizes, in.	20x⅝	24x⅞	28x1
Per dozen	$5 10	5 40	5 70
Nos.	3	6	5	4
Per dozen	$7 90	6 00	6 60	7 20

Pinch Point Crow Bars.

Weights, lbs.	10	12	14	16	18	20
Per dozen	$4 30	5 65	6 05	6 90	7 55	8 65

Wedge Point Crow Bars.

Weights, lbs.	10	12	14	16	18	20
Per dozen	$4 30	5 65	6 05	6 90	7 55	8 65

Car Movers.

No. 1	each $3 90

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MATTOCKS, PICK AND GRUB HOES.

New page dated Oct. 1, 1909.

MATTOCKS.

Nos.	2	3	13	4	5	6
Per dozen	$7 20	7 50	7 75	5 20	5 20	5 35
Nos.	15	16	7	17
Per dozen	$5 20	5 50	13 20	13 20

PICK MATTOCKS.

No. 140	per dozen $5 45
No. 145	" 5 80

GRUB HOES.

No. 1—"O. V. B."	per dozen $6 00
No. 2—"O. V. B.	" 6 30
No. 0—Extra	" 4 00
No. 1—Extra	" 4 20
No. 2—Extra	" 4 35

HAZEL HOES.

No. 54	per dozen $6 00

RAILROAD PICKS.

No. 40—Pounds	5 to 6	6 to 7	7 to 8	
Per dozen	$6 30	6 75	7 20	
No. 30—Pounds	5 to 6	6 to 7	7 to 8	8 to 9
Per dozen	$4 55	4 90	5 20	5 90

SURFACE PICKS.

No. 2	per dozen $4 85
No. 3	" 5 20

TAMPING AND ORE PICKS.

No. 70	per dozen $6 15
No. 35	" 4 80

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DRIFTING PICKS.

Nos.	1	2	3	4
Per dozen	$4 10	4 55	4 85	5 20

POLL PICKS.

Nos.	1	2
Per dozen	$4 85	5 20

ALTON SHORT EAR MINING PICKS.

Pounds	2	2¼	2½	3
Per dozen	$5 10	5 10	5 10	5 10

ALTON LONG EAR MINING PICKS.

Pounds	2	2¼	2½	3
Per dozen	$5 70	5 70	5 70	5 70

CUTTING PICKS.

Pounds	2½	2¾	3	3¼
Per dozen	$5 25	5 25	5 25	5 25

MILL PICKS.

Pounds	2	2½	3
Per dozen	$10 10	12 60	15 10

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SPOKE SHAVES.

New page dated Oct. 1, 1909.

Nos.	1	63	2	3	55
Per dozen	$1 50	1 50	2 40	3 10	2 35
Nos.	52	51	53	54	4
Per dozen	$2 65	2 65	3 35	3 35	3 25
Nos.	5	7	8	72	73
Per dozen	$3 75	5 10	9 00	7 70	8 20
Nos.	84	85	67	20	65
Per dozen	$9 40	10 20	13 70	9 00	4 45
Extra irons for No. 52	per dozen $0 75				

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CHISELS.

New page dated Oct. 1, 1909.

Nos.	225	215
Per set	$4 80	4 55

"O V. B." PLAIN SOCKET FIRMER.

Inches	⅛	¼	⅜	½	⅝	¾
Per dozen	$2 70	2 70	2 70	2 95	3 10	3 10
Inches	⅞	1	1¼	1½	1¾	2
Per dozen	$3 40	3 55	3 90	4 08	4 30	4 58
Sets of 12	per set $3 50					

"O. V. B." BEVELED SOCKET FIRMER.

Inches	⅛	¼	⅜	½	⅝	¾
Per dozen	$3 40	3 40	3 40	3 65	3 85	3 85
Inches	⅞	1	1¼	1½	1¾	2
Per dozen	$4 08	4 30	4 60	4 80	5 05	5 30
Sets of 12	per set $4 20					

"O. V. B." TANGED BUTT.

Inches	¼	⅜	½	⅝	
No. 213	per dozen	$3 55	3 70	4 10	4 30
Inches	¾	⅞	1	
No. 213	per dozen	$4 50	4 70	5 15	
Inches	1¼	1½	1¾	2
No. 213	per dozen	$5 40	5 90	6 20	6 50

"O. V. B." SOCKET BUTT.

Inches	⅛	¼	⅜	½	⅝	¾
Per dozen	$3 35	3 35	3 35	3 60	3 80	3 80
Inches	⅞	1	1¼	1½	1¾	2
Per dozen	$4 00	4 15	4 50	4 70	4 90	5 15

SOCKET FRAMING.

Inches	¼	⅜	½	⅝	¾	
Per dozen	$3 25	3 25	3 50	3 65	3 65	
Inches	⅞	1	1¼	1½	1¾	2
Per dozen	$3 90	3 90	4 30	4 75	5 15	5 65

"O. V. B." SOCKET CORNER CHISELS

Inches	¾	⅞	1	1⅛	1¼
No. 50	per doz.	$6 90	7 35	7 75	8 20	8 65

SOCKET CARPENTERS' SLICKS.

Inches	2½	3	3½	4
No. 80	per dozen	$9 72	10 80	11 90	14 05

O. V. B. SOCKET FIRMER GOUGES.

Inches	¼	⅜	½	⅝	¾	
No. 60	per dozen	$4 70	5 15	5 45	5 80	6 15
No. 160	"	4 70	5 15	5 45	5 80	6 15
Inches	⅞	1	1¼	1½	1¾	2
Per dozen—						
No. 60	$6 50	6 85	7 70	8 20	8 70	9 60
No. 160	6 50	6 85	7 70	8 20	8 70	9 60

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CHISELS AND GOUGES.

New page dated Oct. 1, 1909.

Inches	⅛	¼	⅜	½	⅝	¾
Per dozen—						
No. 210	$1 45	1 45	1 60	1 95	2 15	2 35
Inches	⅞	1	1¼	1½
No. 210	per dozen	$2 50	2 90	3 75	4 30
Inches	⅛	¼	⅜	½	⅝	¾
Per dozen—						
No. 212	$2 15	2 15	2 25	2 70	2 90	3 05
Inches	⅞	1	1¼	1½
No. 212	per dozen	$3 25	3 60	4 50	4 90
Inches	⅛	¼	⅜	½	⅝	¾
Per dozen—						
No. 260	$1 80	1 80	1 95	2 15	2 50	2 70
Inches	⅞	1	1¼	1½
No. 260	per dozen	$3 05	3 25	4 50	5 55
Inches	⅛	¼	⅜	½	⅝	¾
Per dozen—						
No. 262	$2 50	2 50	2 70	2 90	3 25	3 40
Inches	⅞	1	1¼	1½
No. 262	per dozen	$3 75	3 95	5 20	6 30

(Continued on next page)

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

Inches ... ⅛ ¼ ⅜ ½ ⅝ ¾
Per dozen—
No. 280 ..$2 40 2 40 2 60 2 90 3 20 3 60
Inches ... ⅞ 1 1¼ 1½ 1¾ 2
Per dozen—
No. 280..$4 00 4 60 5 80 7 40 9 00 10 60
Inches ... ⅛ ¼ ⅜ ½ ⅝ ¾
Per dozen—
No. 290 ..$3 05 3 05 3 50 3 90 4 20 4 90
Inches ... ⅞ 1 1¼ 1½ 1¾ 2
Per dozen—
No. 290 ..$5 60 6 30 8 20 10 70 12 60 15 40

"O. V. B." DRAWING KNIVES.

Blades, in. 8 9 10
Per dozen $5 40 5 80 6 00

P. S. W. & CO. DRAWING KNIVES.

Blades, in. 6 7 8 9 10 12
Per dozen..$4 75 4 75 4 75 5 20 5 40 5 80

P. S. W. & CO. FOLDING HANDLE.

Blades, in.. 6 7 8 9 10
Per dozen $11 10 11 10 11 10 11 50 12 25

WILKINSON'S DRAWING KNIVES.

Blades, in. 6 7 8 9
Per dozen $17 00 18 20 19 45 21 85

SHINGLE KNIVES.

14-in. .....per dozen $9 05

COOPER'S FROES.

Cut 8 10 12
Per dozen $5 60 5 80 6 05

49 **SAWS AND MANDRELS.**

New page dated October 1, 1908.

SAWS.

Disston's F. O. B. Chicago.discount 40-5 per cent
Hiles F. O. B. Chicago.....discount 50 per cent
An extra charge will be made for crating.

SAW MANDRELS. WITH PULLEY IN CENTER.

For Shipment from Factory Only.

Nos. 1 2 3 4 5
Each $6 30 7 20 7 65 8 77 9 90
Nos. 6 7 8 9 10
Each $11 25 12 35 13 95 19 35 23 17

WITH PULLEY ON END.

For Shipment from Factory Only.

Nos. 1 2 3 4 5
Each $6 93 7 65 8 10 9 67 10 80
Nos. 6 7 8 9 10
Each $12 37 13 50 17 55 21 15 25 20

50 **GUMMERS, SWAGES AND HANDLES.**

New page dated October 1, 1908.

VICTOR SAW GUMMERS.

Nos. 1, 2 and 3 .....each $16 20

GUMMER CUTTERS.

Inches ..... ½ ⅝ ¾ ⅞ 1
Each $0 20 20 25 30 35
Inches 1⅛ 1¼ 1⅜ 1½
Each $0 36 40 45 48

SAW SWAGES.

No. 1 .....each $2 70
No. 2 ..... " 2 05

CROSS-CUT SAW HANDLES.

Nos. 010 6 8 3 1 4
Per pair $0 12 14 18 21 26 12
Nos. 18 5 111 108 17
Per pair $0 14 22 17 20 25
Nos. 10 13 11 12
Per dozen $2 10 2 10 2 10 1 14

51 **CROSS-CUT SAWS.**

New page dated Oct. 1, 1909.

CHAMPION TOOTH.

Feet 5 5½ 6 6½ 7
O. V. B....each $1 10 1 20 1 30 1 45
No. 7 ..... " 95 1 05 1 15 1 25
No. 8 ..... " 1 10 1 20 1 30 1 45
No. 9 ..... " 1 75 1 95 2 10 2 30 2 45
Feet 4½ 5 5½ 6 6½ 7
No. 2.each $1 60 1 75 1 95 2 10 2 30 2 50
Feet 4 5 5½ 6 6½
No. 1.....each $1 60 1 95 2 20 2 35 2 55

COMMON TOOTH.

Feet 4 4½ 5 5½ 6
No. 6 .....each $1 50 1 70 1 90 2 10 2 30

TUTTLE TOOTH.

Feet 5 5½ 6 6½ 7
O. V. B. ..each $2 20 2 45 2 65 2 90
No. 3 ..... " 1 90 2 20 2 35 2 55
No. 4 ..... " 1 80 1 90 2 15 2 35
No. 5 ..... " 2 15 2 35 2 50 2 70 2 90
No. 10 .... " erase 3 15 3 45 3 75 4 00
No. 11 .... " 2 00 2 20 2 40 2 60

52 **CROSS CUT SAWS.**

New page dated Oct. 1, 1909.

Feet 4½ 5 5½ 6 6½ 7
No. 16, ea.$ 2 30 2 50 2 70
No. 17, " 2 45 2 95 3 45 4 05 4 60 5 30
No. 22, " 2 95 3 45 4 05 4 60
No. 18, " 4 70 5 05

Page

WAGON ICE SAWS.

Inches 26 28 30
Per dozen $13 20 13 85 14 50

POND ICE SAWS.

Feet 4 4½ 5
No. 40 .....each $2 65 2 90 3 10

ONE MAN SAWS.

Feet 2½ 3 3½ 4 4½ 5
O.V.B..ea. $1 30 1 35 1 55 1 75 2 00 2 20
Ajax .. " 1 20 1 25 1 45 1 70 1 90 2 10
Disstons " 1 25 1 35 1 55 1 80 2 05 2 20
No. 25. " 1 45 1 70 1 90 2 15 2 40
No. 27. " 1 70 1 90 2 15

PIT SAWS.

Feet 6 7
No. 30 .....each $5 10 5 90

53 **HAND SAWS.**

New page dated October 1, 1908.

Nos. ..... 50 "Cruso" 60 I Will
Per dozen $4 80 6 30 5 40 6 60
Nos. .....U.S.A. 82 82 Ship Carpenters
Per dozen $12 60 16 80 16 80
Nos. ..... 17 18 "Rev-o-noc"
Per dozen $19 20 19 20 9 00

RIP SAWS.

Nos. .....I Will U.S.A.-26in. U.S.A.-28in.
Per dozen $7 80 12 60 14 40
Nos. .....82-26in. 82-28in.
Per dozen $16 80 18 00

54 **HAND SAWS.**

New page dated October 1, 1908.

Nos. ..... 3 107 7-26in. 7-28in.
Per dozen $10 45 11 90 15 55 18 15
Nos. 7S 76 8 D8 D100
Per dozen .$15 50 17 50 17 90 18 70 20 80

RIP SAWS.

Nos. 3 7 76 8
Per dozen $12 80 18 15 20 40 20 40
Nos. D8-26in. D8-28in. D100
Per dozen $18 70 21 20 23 50

55 **HAND SAWS.**

New page dated March 1, 1910.

Nos. .....D100S 12-26in. 12-28-in.
Per dozen $20 80 24 15 27 50
Nos. 112 120
Per dozen $25 00 29 95

RIP SAWS.

Nos. .....D100S 12-26in. 12-28in.
Per dozen $20 80 24 15 27 50
Nos. ..... 112 120 O.V.B.
Per dozen $28 25 29 95 13 30

SAW SCREWS.

Nos. 1 2 3 4 5 6
Per dozen $0 18 21 30 42 24 24

56 **PANEL SAWS.**

New page dated March 1, 1910.

No. 75 .....per dozen $3 00
Inches 14 16 18 20 22
No. 50.per dozen.$3 00 3 30 3 60 3 90 4 20
No. 3. " 7 15 8 15 8 90
No. 80. " 5 40 5 85 6 30
No. 82 " 12 35 13 45 14 70
No. 82—Ship pattern .....per dozen $15 95
Inches 16 18 20 22 24
No. 100—doz. $10 10 10 80 11 40 11 70
No. 7 .....$10 10 10 85 12 40 13 95 14 75
No. D8 ..... 13 50 14 95 16 65 17 90
No. D100 ... 15 15 16 65 18 30 19 55
No. 12 ..... 17 30 19 15 20 80 22 50
No. 112 .... 18 10 20 00 21 65 23 30
No. D100S—22 in. .....per dozen $18 30
No. D100S—24 in. ..... " 19 50

57 **COMPASS SAWS.**

New page dated Oct. 1, 1909.

Inches 10 12 14 16
No. 50.....per dozen $1 44 1 50 1 56
No. 2 ..... " 3 54 3 75 3 95 4 15
No. "O.V.B." " 3 60 3 80
No. 4 ..... " 4 15 4 55
No. 9 ..... " 5 00

EXTRA BLADES.

No. 2—12 in. .....per dozen $2 30
No. 2—14 in. ..... " 2 50

STAIR BUILDERS' SAWS.

No. 400 ..... per dozen $3 95

BACK SAWS.

Inches 10 12 14 16
No. 1...per dozen $ 8 30 10 00 11 65 11 10
O. V. B. " 11 55 13 20 15 00 16 65
Inches 8 10 12 14 16
No. 4—
Per dozen. $10 80 11 65 13 30 15 00 16 65
Inches 20 24 26 28
O. V. B. $19 95 23 30 24 95 26 65
No. 4—Per dozen $19 95 23 30 24 95 29 95

No general rule has been followed in advancing figures over actual values.

Page

NEST OF SAWS AND BLADES.

Nos. 5 1 2 3
Per dozen $9 15 1 45 2 25 3 95
Nos. ..... 15 6 O.V.B 600 95
Per dozen $1 45 6 90 9 15 10 80 3 60

KEY HOLE SAWS AND BLADES.

Nos. 10 15 16
Per dozen $1 65 1 15 1 65

58 **COPING SAWS.**

New page dated Oct. 1, 1909.

Nos. ..... 100 FPM 110 7 1
Per dozen $2 00 7 80 6 50 14 25 12 00
No. 101—Extra Blades .....per gross $0 96
No. FPM—Extra Blades ..... " 5 75

BRACKET SAW FRAMES.

No. 61½ .....per dozen $3 00

JEWELERS' SAW FRAMES.

No. 46½ .....per dozen $4 80

BRACKET SAW BLADES.

Nos. .....2-0 to 6 8 10
Per gross $0 60 72 84

SCROLL SAWS.

7 in. .....per dozen $0 60

TURNING AND FELLOE WEBS.

Length .. 10 12 14 16 18 20
Per dozen $1 35 1 55 1 75 1 95 2 25 2 50
Length 22 24 26 28 30
Per dozen $2 70 3 03 3 33 3 66 3 99

HACK SAWS.

Inches 8 9 10 12 14
No. 15—Per doz. $4 75 4 95 5 26 5 60
No. 20— " 6 90 7 59 8 10 8 95

HACK SAW FRAMES.

Inches 10 4 1 121
Per dozen $11 65 3 30 7 20 2 30

59 **HACK SAW BLADES.**

New page dated Oct 1, 1909.

No. 1—O. V. B.—Inches..... 8 9 10 12
Per dozen $0 47 50 61 76
No. 4—In.12x⅝ 14x⅝ 12x¾ 14x¾ 17x¾ 17x1
Per doz. $0 90 1 00 1 00 1 20 1 75 2 00
Length—Inches 8 9 10 12 18
No. 2—O. V. B.—
Per dozen $0 45 50 60 75 1 25
Star—Per dozen 65 68 82 1 00
Keystone— " 45 50 58 70
Length—Inches 8 10 12 14
Disston's—Per dozen. $1 90 2 05 2 25 2 70
Length—Inches 16 18
Disston's—Per dozen $3 30 3 75

PRUNING SAWS.

Nos. .....O.V.B. 43 43 3 7
Per dozen $6 20 6 30 8 40 6 85 9 15
Nos. 50 55 15 8 10
Per dozen ..$5 40 9 15 12 60 11 65 16 55
Extra Blades for No. 15.....per dozen $1 50

DEHORNING SAWS.

Nos. 1 2 11 12
Per dozen $5 70 5 70 1 10 1 10

KITCHEN SAWS.

Inches 12 14 16 18
O. V. B.....$4 35 4 70 4 95 5 40
No. 6—Per dozen..... 2 50 3 05 3 25 3 40

SAW KNIVES.

No. 13 .....per dozen $3 30

60 **BUTCHERS' SAWS.**

New page dated Oct. 1, 1909.

Inches 14 16 18 20
No. 33—Per dozen $7 56 8 20 9 20 10 40
No. 2— " 8 90 9 30 9 70
No. 7— " 11 05 11 65
No. 1 .....Erase
Inches 22 24 26 28
No. 33—Per dozen $11 40 12 50 13 45
No. 2— " 10 25 11 85
No. 7— " 12 20 12 80 13 40 14 00
No. 1 .....Erase
No. 10—18x1 .....per dozen $10 65
"Cruso"—20 in. ..... " 7 70
"Cruso"—22 in. ..... " 8 10

BUTCHERS' SAW BLADES.

Inches 14 16 18 20
No. 56—Per dozen $2 70 2 95 3 05
No. 50— " 2 70 2 90
No. 54— " $1 10 1 10 1 22 1 22
Inches 22 24 26 28
No. 56—Per dozen....$3 15 3 30 3 40
No. 50— " 3 05 3 15 3 30 3 50
No. 51— " 3 15 3 30 3 50 3 70
No. 54— " 1 34 1 34 1 46
No. 025 .....per coil $1 80

(Continued on Next Page.)

Page

WOOD SAW BLADES.

Nos.	132	134	4	6	36
Per dozen	$3 90	4 20	2 90	5 40	5 40
Nos.			11	16	0140
Per dozen			$7 20	erase	erase
Nos.	25	30	045	0145	78
Per dozen	$2 70	2 70	5 10	3 60	4 20

61 **WOOD SAWS, FRAMES, RODS, ETC.**

New page dated March 1, 1909.

WOOD SAWS.

Nos.	32	34	140	145	178	40
Per dozen	$7 80	8 10	6 00	6 00	6 90	8 65
Nos.	45	135	111	15		430
Per dozen	$8 25	8 10	10 50	7 20		5 10
Cut-I-Cure-U, Jr.				per dozen		$5 40
Boys' Favorite				"		9 00

62 **WOOD SAW FRAMES.**

New page dated March 1, 1909.

Nos.	1	2	11	21	12	22
Per dozen	$1 60	2 10	55	65	70	90
Nos.	13	23	130	141	142	143
Per dozen	$0 35	48	2 40	60	85	85

SAW RODS.

Nos.	5	15	25
Per dozen	$0 70	85	1 15
No. 1—Saw Bucks		per dozen	$2 30

69 **SAW SETS.**

New page dated Oct. 1, 1909.

Nos.	12	13	14	62A	02
Per dozen	$1 35	1 50	2 90	1 20	4 20
Nos.	21	23	17	O.V.B.	101
Per dozen	$7 50	13 80	7 80	8 10	6 70
Nos.	295	105	103	104	01	1
Per doz.	$8 40	13 45	7 80	7 80	6 00	8 40
Nos.	11	95	50	3	4	5
Per dz.	$9 00	9 00	9 60	12 60	12 60	17 30
Extra Plungers for Nos. 01 and 1					each	$0 14
Extra Anvils for Nos. 01 and 1					per set	26

70 **SAW SETS.**

New page dated Oct. 1, 1909.

Nos.	25	30	35	20
Per dozen	$4 20	5 40	6 00	5 70
No. 51—Saw Gauges		per dozen		$0 60
No. 52—Saw Gauges		"		90
No. 2—Saw Punches		per dozen		$5 05
No. 1—Saw Punches		"		13 85
No. 1—Saw Jointers		per dozen		$5 10
No. 2—Saw Jointers		"		3 60

SAW TOOLS.

Nos.	53	55	8	054
Per dozen sets	$3 60	16 80	12 50	4 20

IMPROVED SIDE FILES.

	Files only	Frame	Complete
No. 2—Each	$0 33	62	95

73 **SAW CLAMPS AND VISES.**

New page dated March 1, 1910.

Nos.	0	3S	10	12	1W	
Per dozen	$3 60	5 50	6 30	8 10	6 24	
Nos.	3W	116	150	200	30	25
Per doz.	$8 70	5 60	9 00	9 00	25 20	21 60

74 **MITRE BOXES.**

New page dated March 1, 1910.

Nos.	50½	1	2	3	4
Each	$4 80	1 00	1 50	1 25	1 80
Nos.	10	330	340	350	360
Each	$1 70	10 80	11 90	12 00	13 50
Nos.	242	244	246	346	358
Each	$9 60	$9 20	9 50	10 20	10 80
Nos.	460	32	33	34	39	40
Each	$12 96	9 35	9 65	9 85	11 35	11 55
Nos.	68	69	73	74	75	15
Each	$9 40	9 90	11 30	13 20	13 70	2 50

75 **BENCH STOPS, SCREW CLAMPS, HEADS, ETC.**

New page dated March 1, 1910.

Bench Stops.

Nos.	5	10	20	22
Per dozen	$5 40	3 90	6 60	8 40

Bench Screws.

No. 4—Inches	1	1¼	1¼
Per dozen	$3 75	4 45	5 40
No. 5		per dozen	$5 70
Extra Nuts		"	1 45

Tail Screws.

No. 6	per dozen $11 40

Cabinet Makers.

No. 258	per dozen $7 20

Clamp Head.

No. 111	per dozen	$10 60
No. 112	"	15 40

Flooring Clamps.

No. 125	per dozen $5 40

Horse Clamp Fixtures.

No. 15	per dozen $36 00

Page

76 **CLAMPS.**

New page dated March 1, 1910.

Nos.	1	010	13	2	3	4
Per dozen	$0 40	60	75	1 50	1 70	2 40
Nos.	5	6	7	8	10	
Per dozen	$2 65	3 70	4 45	5 10	6 25	
Nos.	14	16	18	20		
Per dozen	$5 05	6 70	8 40	10 10		

ECCENTRICS.

Length, ft.	2	2½	3	4
Per dozen	9 35	10 50	11 70	14 60

HAND SCREWS.

Nos.	224	223	222	221	219
Per dozen	$3 30	4 00	4 70	5 55	6 50
Nos.	218	217	22	23	24
Per dozen	$7 45	8 85	9 40	10 35	12 30
Nos.	25	202	203	204	
Per dozen	$14 15	9 35	10 45	11 50	

SHELDON'S CLAMP FIXTURE.

Nos.	02	03	04	05	11
Per dozen	$9 35	10 45	11 50	12 60	7 20

SHELDON'S STEEL BAR.

Nos.	20½	30	40	50	60	70
Per doz.	$13 20	15 00	16 80	18 60	20 40	22 20

CARPENTERS' DOOR.

Nos.	103	104	105
Per dozen	$19 20	21 60	24 00

77 **BARTLETT'S WOOD BENCH PLANES.**

New page dated March 1, 1905.

Nos.	3	5	10	13	19
Each	$0 75	1 47	72	85	1 42
			26-In.	28-In.	30-In.
Nos.			25	25	25
Each			$1 50	1 60	1 80

OGONTZ WOOD BENCH PLANES.

Nos.	6	12	20	80
Each	$0 65	72	1 22	1 28

BARTLETT'S SPECIAL BENCH PLANES.

Nos.	300	1300	1900
Each	erase	erase	erase

BARTLETT'S TOOTH AND MITRE PLANES.

No. 38½—Mitre	each $0 65
No. 36—Tooth	" 90

BARTLETT'S DADO PLANES.

No. 62	each $1 85

GERMAN SCHRUP PLANES.

No. 500	each $0 72

78 **BARTLETT'S FANCY WOOD PLANES.**

New page dated March 1, 1905.

Nos. 66, 67, 68, 69						Erase
Inches	⅞ to 1¼		1⅝ to 1½		1⅝ to 2	
Nos.	113		113		113	
Each	$1 00		1 10		1 35	
No. 99					per pair	$1 35
Inches	½ to 1	1¼	1½	1¾	2	
Nos.	146	146	146	146	146	149CH
Each	$0 55	58	63	72	81	1 55
No. 106					per pair	$3 35
Nos. 149 Side Hdl.	117,119,120,123,125,132					
Each	$1 70					erase

79 **BARTLETT'S FANCY WOOD PLANES.**

HOLLOWS AND ROUNDS.

Nos.	1 to 6	7,8 & 9	10, 11 & 12	90
Per pair	$0 90	1 05	1 20	8 50

ROMAN OGEE.

Sizes	½	⅝ to 1	1¼	1½	
No. 76	each $0 67	76	erase	erase	

ROMAN REVERSE OGEE.

Sizes	½ & ⅝	¾ & 1	1¼	1½	
No. 82	each $0 67	76	90	erase	
No. 82½			each	$0 80	

BEAD AND MOULDING.

Sizes	⅛ to ½	⅝ & ¾	⅞ & 1	
No. 47	each $0 45	50	63	
Sizes	⅛ to ½	⅝ & ¾	⅞	
No. 51	each $0 55	60	erase	
No. 54—Size ⅝		each	$0 45	
No. 54—Size ¾ to 1		"	60	
No. 53—Size ⅝ and ¾		"	45	
No. 53—Size ⅞ and 1		"	59	
No. 54¾—Size ⅞		"	80	

SASH.

Nos.	167	168	169
Each	$1 80	2 10	2 10

80 **OHIO ADJUSTABLE BENCH PLANES.**

Nos.	021	022	023	024
Each	$0 90	90	90	90
Nos.	035	036	026	027
Each	$1 20	1 30	1 10	1 20
Nos.	028	029	030	031	032	033	034
Each.	$1 30	1 30	1 45	1 45	1 55	1 55	1 70
Nos.	03	04	04½	05			
Each	$1 45	erase	1 80	1 80			
Nos.	05½	06	07	08			
Each	$2 05	2 28	erase	3 10			
Nos.	03C	04C	04½C	05C			
Each	$1 45	Erase	1 80	1 80			
Nos.	05½C	06C	07C	08C			
Each	$2 05	2 30	Erase	3 10			

The purpose of this book is to give an "idea" of actual values.

Page

81 **OHIO BLOCK PLANES.**

New page dated March 1, 1907.

Nos.	0101	0102	0110	0103
Each	$0 12	26	32	32
Nos.	0130	0220	09½	015	09¾
Each	$0 48	45	75	80	90

OHIO PLANE IRONS.

No. 40—Inches	1¾	2	2⅛	2⅜	2⅝
Each	$0 24	26	27	30	33

BARTLETT'S PLANE IRONS.

Inches	1¾	1⅞	2	2⅛
No. 80—Per dozen	$2 65	2 80	3 00	3 20
No. 85—Per dozen	5 75	6 00	6 20	6 40
Inches	2¼	2⅜	2½	2⅝	2¾
No. 80—Per doz.	$3 55	3 90	4 30	4 70	5 30
No. 85—Per doz.	6 70	7 10	7 85	8 65	9 75

PLOW BITS.

No. 8	per set $1 65

TOOTH PLANE IRONS.

Inches	2	2⅛	2¼
Per dozen	$5 55	5 80	6 15

82 **STANLEY'S BENCH PLANES.**

New page dated March 1, 1907.

Nos.	122	135	127	129	132
Each	$0 80	1 10	1 10	1 25	1 40
Nos.	62B	104	105	40	
Each	$2 15	1 50	1 90	80	
Nos.	40½	113	20½	20	
Each	$1 15	2 30	2 60	3 15	

83 **STANLEY'S BED ROCK PLANES.**

New page dated Oct. 1, 1906.

Nos.	602	603	604	604½ & 605
Each	$1 70	1 77	2 00	2 25
Nos.	605½	606	607	608
Each	$2 45	2 78	3 20	3 80

Prices for Corrugated are same as the plain above.

SIEGLEY ADJUSTABLE IRON PLANES.

Nos.	4	4½	5	5¼
Each	$1 45	1 60	1 60	1 75
Nos.	6	7	8	
Each	$2 10	2 45	2 95	

ADJUSTABLE COMBINATION PLANES.

No. 2	each $6 00

SIEGLEY SINGLE PLANE IRONS.

Width—Inches	2	2¼	2⅜	2½
Each	$0 22	25	30	35

84 **BAILEY'S WOOD PLANES.**

New page dated Oct. 1, 1906.

Nos.	21	22	23	24	25	35
Each	$1 08	1 08	1 08	1 08	1 08	1 32
Nos.	36	37	26	27	27½	28
Each	$1 50	1 55	1 20	1 30	1 30	1 50
Nos.	29	30	31	32	33	34
Each	$1 50	1 55	1 55	1 70	1 70	1 90

IRON PLANES.

Nos.	1	2	3	4	4½	5	5½
Ea.	$1 15	1 50	1 55	1 70	2 00	2 00	2 25
Nos.	6	7	8	10½	10	3C	4C
Ea.	$2 55	2 90	3 45	1 95	2 40	1 55	1 70
Nos.					4½ & 5C	5½C	6C
Each					$2 00	2 25	2 55
Nos.					7C	8C	10½C	10C
Each					$2 90	3 45	1 95	2 40

84A **"REV-O-NOC" ADJUSTABLE PLANES.**

New page dated October 1, 1908.

Nos.	R22	R23	R24	R35	R36
Each	$0 85	85	85	1 10	1 15
Nos.	R26	R27	R27½	R28	R29
Each	$0 95	1 10	1 10	1 15	1 15
Nos.	R30	R31	R32	R33	R3C
Each	$1 30	1 30	1 40	1 40	1 30
Nos.	R4C	R4½C	R5C	R5½C	R6C
Each	$1 40	1 60	1 60	1 85	2 05
Nos.	R7C	R8C	R3	R4	R4½
Each	$2 85	2 80	1 30	1 40	1 60
Nos.	R5	R5½	R6	R7	R8
Each	$1 60	1 85	2 05	2 35	2 80
Nos.	R101	R100	R102	R103	R110
Each	$0 10	15	25	30	30
Nos.	R2200	R1300	R6600	R6500	R9½
Each	$0 40	45	75	85	70
Nos.	R15	R1600	R1700	R1800	R1900
Each	$0 75	75	80	80	85

85 **PATENT BLOCK PLANES.**

New page dated Oct. 1, 1906.

BAILEY'S.

Nos.	60½	65½	60	65	9½	15
Each	$0 78	89	91	1 00	79	87
Nos.	16	17	9¾	15½	18	19
Each	$0 90	1 00	93	1 04	94	1 02

STANLEY'S.

Nos.	101	100	102	103
Each	$0 12	18	27	37
Nos.	110	220	130	75
Each	$0 37	52	52	28

86 **ADJUSTABLE PLANES.**

New page dated Oct. 1, 1906.

Nos.	48	49	50	78	180	181	182
Each	$2 05	2 30	1 25	85	85	85	
Nos.	190	191	192	72	72½	74	
Each	$1 00	1 00	1 00	1 65	2 55	3 80	

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

87 **ADJUSTABLE PLANES.**

New page dated Oct. 1, 1906.

Nos.	143	141	55
Each	$4 20	5 85	13 40

Extra Cutters for No. 55 ..... per set $4 52

STANLEY'S BEADING.

No. 45 ..... each $6 00
Extra Cutters ..... per set 3 30

HOLLOW AND ROUNDS.

Nos.	6	8	10	12
Per pair	$1 30	1 30	1 30	1 30

TRAUT'S DADO.

No. 46 ..... each $5 85

88 **ADJUSTABLE PLANES.**

New page dated Oct. 1, 1906.

No. 39—All sizes ..... each $1 30

RABBET PLANES.

Nos.	98	99	90	92	93	94
Each	$0 75	75	1 65	1 65	2 05	2 30

RABBET AND BLOCK.

No. 140 ..... each $1 05

CORE BOX.

No. 57 ..... each $3 35
Additional Sections ..... per pair 90

WOODWORKERS' ROUTER.

No. 71½ ..... each $1 25
No. 71 ..... " 1 55

88A **CABINET SCRAPERS.**

New page dated Oct. 1, 1906.

STANLEY'S.

No. 85 ..... each $1 75
No. 87 ..... " 1 50
Cutters ..... " 15

ELLSWORTH'S.

No. 21 ..... Per dozen $9 60
Extra Blades ..... " 85

MARKING GAUGES.

No. 97 ..... per dozen $4 90

PITCH ADJUSTERS.

Stanley's.

No. 5 ..... per dozen $9 00
No. 7 ..... " 9 00

89 **MISCELLANEOUS TOOLS.**

No. 11—Beltmakers' Planes.discount 20-10 per cent.
Nos. 69 and 66—Hand Beaders.....discount 20-10 per cent.
No. 83—Wood Scrapers.....discount 20-10 per cent.
No. 112—Scraper Planes and Cutters.....discount 20 per cent.
No. 12—Veneer Scrapers and Cutters.....discount 20 per cent.

Change description No. 88 to read 4-in. blade.

CABINET SCRAPERS.

Nos. 1, 2, 3 and 10.....discount 50 per cent.
No. 11—Extra Blades for No. 10.....per dozen... 1.40
No. 80 .....each.....$0 80

Change list on No. 80 Cabinet Scrapers to $1.00.
We have added to stock:
Extra Irons for No. 80 Cabinet Scrapers, per dozen $2 10

90 **PLANE IRONS.**

Nos. 60, 65 and 75 .....discount 20 per cent.
No. 70—Plane Irons, we no longer carry.

BLOCK PLANE PARTS.

1⅝ in. Irons for Nos. 9½ to 220 Bailey's planes, ...each $0.15
1⅝ in. Irons for Nos. 110 and 130 Stanley's planes, ...each .12
1⅝ in. Irons for No. 120 Stanley's planes..... .....each .15
Extra cap and screws for Nos. 110, 120 and 130 Stanley's block planes.....each .08½
Extra caps and levers for Bailey's block planes, Nos. 9½, 9¾, 15 and 15½.....each .08½
Extra caps and levers for Bailey's block planes, Nos. 18 and 19.....each .17

90A **STANLEY'S SPECIAL PLANES.**

BLOCK PLANES.

No. 131 .....each $0 95
No. 62B .....Erase

FURRING PLANES.

No. 340 .....each $1 05

RABBET PLANES.

No. 97 ..... each $1.65

MATCH PLANES.

Nos. 146, 147 and 148 ..... each $1 65

CHUTE BOARDS.

No. 52 ..... each $9 00

90B **BIT GAUGES.**

No. 49 .....per dozen $5 65

IRON PLANE GAUGES.

No. 333 ..... each $1 45

Page

ANGLE FINDERS.

No. 30 .....per dozen $14 50

BAILEY VENEER SCRAPERS.

No. 12½ ..... each $2 55

SPOKE SHAVES.

Nos.	72	73	84	85
Per dozen	$7 68	8 20	9 40	10 20

CABINET SCRAPER BURNISHERS.

No. 1 .....per dozen $1 80

91 **MISCELLANEOUS TOOLS.**

No. 1½—Chamfer Gauges.....per dozen $7 20
No. 96—Chisel Gauges ..... " 2 00
No. 28—Corning Tools ..... " 2 05
No. 29—Corning Tools..... " 2 20
No. 9—Jointer Gauges ..... " 17 25

TRAMMEL POINTS.

Nos.	2	4		99
Per pair	$0 95	50	Per set	$0 43

Nos. 88 and 89—Clapboard Markers per doz. $4 80
No. 1—Roofing Brackets..... " 2 65

92 **IRON AND STEEL SQUARES.**

Nos.	1	2	4	10
Per dozen	$2 55	3 60	4 50	5 75
Nos.	14	7	5	3
Per dozen	$7 65	7 65	8 55	9 00
Nos.	2	1	100	10B	14B	3B
Per doz.	$9 90	10 80	11 70	8 90	10 25	12 60
Nos.	100B	03	01	0100
Per dozen	$15 30	12 60	14 40	15 30

Description on No. 0100 Steel Squares should read "16 in. tongue" instead of "16 and 18 in."
No. 1 Polished Steel Squares should read, "16-in. tongue," instead of 16 and 18 in.
Added to stock:
No. 14—Galvanized steel square, otherwise same as No. 14 Polished....per dozen $11 15
No. 3—Galvanized, 16 in. tongue, otherwise same as No. 3 Polished....per dozen 12 60
No. 100—Galvanized, 16 in. tongue, otherwise same as No. 100 Polished.per dz. 15 30

92A **EAGLE RAFTER AND FRAMING SQUARES.**

New page dated March 1, 1907.

NICKEL PLATED.

Nos.	100	3	14
Per dozen	$25 90	13 20	erase

BLUED.

Nos.	100B	3B	14B
Per dozen	$20 15	16 30	15 00

92B **MITRE TRY SQUARES.**

New page dated March 1, 1907.

No. 15 .....per dozen $7 00
No. 28..... " erase

UNIVERSAL SQUARES.

6 in. .....per dozen erase
10 in. ..... " 7 20

Erase the word Nickel in description of 10 in. Universal Squares.

93 **TRY SQUARES.**

Inches	3	4½	6	7½	9	12
No. 20, dz.	$1 75	2 05	2 70	2 90	3 75	5 00
Inches	4	6	8	10	12	
No. 12	new list $2 85	3 30	4 20	5 35	6 25	
No. 12	per dozen $2 40	2 70	3 40	4 45	5 30	
Inches	6	7½	9			
No. 2	per dozen $3 60	4 05	4 90			
No. 14—4 in.	per dozen $2 95					
No. 14—6 in.	" 3 55					

MITRE SQUARES.

No. 16—8 in. .....per dozen $6 35
No. 16—10 in. ..... " 7 25
No. 8—10 in. ..... " 8 55

No. 8—Now a nickel plated blade.

SLIDING T BEVELS.

Inches	6	8	10	12
No. 25	per dozen $2 50	2 75	2 95	3 25
Inches	6	8	10	
No. 18	new list $5 50	7 00	7 60	
No. 18	per dozen 4 55	5 80	6 50	

94 **GAUGES.**

Nos.	0	61	62	65	70
Per dozen	$0 45	60	1 20	3 60	2 35
Nos.	68	73	72	77	
Per dozen	$3 60	4 70	2 35	6 00	

No. 92 .....per dozen $11 70

95 **GAUGES.**

New page dated Oct. 1, 1906.

Nos.	162	165	90	91	286
Per dozen	$1 80	4 20	3 10	6 00	9 60
Nos.	95	85	85½	84	
Per dozen	$7 00	1 85	10 80	6 60	

Change No. 186 Slitting gauges, to No. 84.

ODD JOBS.

Stanley's .....per dozen $7 00

Do not refuse an order because you do not carry the goods in stock.

Page

96 **PLUMBS AND LEVELS.**

New page dated October 1, 1906.

Nos.	150	102	103	155	00
Per dozen	$1 50	3 55	4 40	2 00	5 90
Nos.	0	2	3	4	5
Per dozen	$6 70	9 80	10 95	12 70	13 80
Nos.	10	00S	0S	2S	3S
Per dozen	$22 40	6 30	7 20	9 60	10 80
Nos.	18	90	95	96	
Per dozen	$14 80	28 10	46 80	62 40	

97 **PLUMBS AND LEVELS.**

New page dated March 1, 1905.

Nos.	50	25	50
Per dozen	$14 90	20 05	20 05
No. 98—Inches	6	9	12	18
Per dozen	$18 70	22 40	28 10	37 45
No. 36—Inches	6	9	12	18	24
Per dozen	$10 80	12 65	15 90	18 90	21 45
No. 37—Inches	6	9	12	18	24
Per dozen	erase	erase	23 40	28 20	32 75

No. 38½ .....per dozen $4 30
No. 39½ ..... " 5 20

No. 34V—Inches	4	6	8	10
Per dozen	$9 35	11 70	15 60	17 15
Nos.	6	7	8	9
Per dozen	$20 16	22 05	25 20	30 25
Nos.	1	2	3	4
Per dozen	$23 05	28 80	34 55	40 30

Erase Nos. 01, 02, 04 and 05 Cook's Levels from catalogue.

98 **PLUMBS AND LEVELS.**

New page dated March 1, 1905.

Nos.	7½	8	35	45
Per dozen	$14 40	16 80	14 70	28 10

Added to stock:
No. 45½—Plumb and Level, same as No. 45, but narrow .....per dozen $28 10

POCKET LEVELS.

Nos.	40	41	14	17
Per dozen	$1 20	1 30	2 80	3 15
Inches	2½	3	3½	
No. 31	per dozen $2 70	3 15	3 90	

No. 200.....per dozen $2 00

Change description of No. 200 Pocket Levels to read "Rosewood."

LEVEL GLASSES.

Length	1¼	1½	1¾	2	2½
Per gross	$6 70	6 70	7 15	7 40	8 00
Length	3	3½	4	1¾, 3 & 3½ in.	
Per gross	$8 75	9 30	10 10	8 35	

LEVEL SIGHTS.

No. 1 .....per pair $0 60
No. 2 ..... " 60

BIT AND SQUARE LEVELS.

No. 44 .....each $0 25

99 **BOXWOOD RULES.**

New page dated Oct. 1, 1907.

Nos.	69	65
Per dozen	$0 90	1 10
Nos.	68	68C	62½	61
Per dozen	$1 15	1 40	4 00	1 50
Nos.	63	84	62	72	72½	07
Per dozen	$2 00	3 25	4 00	2 45	4 50	5 40
Nos.	51	53	52	54	60	75
Per dozen	$1 75	2 25	3 64	4 35	5 34	2 96
Nos.	76	78½	53½	42	66½	66¾	18
Per dozen	$5 05	6 00	4 00	2 00	3 00	7 56	2 00

100 **RULES.**

New page dated Oct. 1, 1907.

CALIPER.

Nos.	36	32	32½	36½
Per dozen	$2 25	3 45	4 95	3 25

IVORY.

Nos.	38	40½	40	87
Per dozen	$12 10	19 20	35 40	64 50

ZIGZAG.

Nos.	02	03	04	05	06
Per dozen	$1 45	2 15	2 90	3 60	4 30
Nos.	08	103	104	105	106
Per dozen	$5 75	7 58	3 60	4 40	5 30
Nos.	108	403	404	405	406
Per dozen	$7 00	erase	erase	erase	erase

EXTENSION.

Nos.	604	610	204	206
Per dozen	$7 20	11 10	5 10	6 70

No. 202—Folding Pocket .....per dozen $3 10

MACHINISTS'.

No. 10—Inches.	3	4	6	9	12
Per dozen	$4 00	5 20	7 50	11 50	14 40
No. 4—Inches.	1	2	3	4	6	9
Per dozen	$1 70	2 90	4 00	5 20	7 50	11 50

No. 4—12 Inches .....per dozen $14 40

BLACKSMITHS'.

No. 17 .....per dozen $4 50

SHRINKAGE.

No. 30½—All sizes .....per dozen $9 60

We do not guarantee prices.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

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YARD STICKS, RULES AND POCKET TAPES.

New page dated March 1, 1908.

YARD STICKS.

No. 41 .....per dozen $2 10
No. 50 ..... " 2 70

BOARD RULES.

Nos.	43½	2	1	3
Per dozen	$9 25	11 95	15 40	13 20

LOG RULES.

Nos.	11	12	15	15½	14	14½
Per doz.	$15 40	15 40	13 10	13 10	15 40	15 40

POCKET TAPES.

Nos.	165	155	24	25
Per dozen	$9 90	erase	3 15	4 10
Nos.	143	125	280	200
Per dozen	$5 10	12 95	erase	9 00

Page 102

MEASURING TAPES.

New page dated March 1, 1908.

Nos.	30	32	33	34	35	37
Per dozen	$2 45	2 90	3 25	3 90	4 85	5 80
Nos.	43	45	46	48	120	121
Per dz.	$6 30	6 95	8 40	10 30	15 35	16 30
Nos.	122	123	500L	503L	504L	505L
Per doz.	$17 30	19 20	18 15	26 20	30 25	33 25
Nos.			506L	503DL	506DL	
Per dozen			$42 30	26 20	42 32	
Nos.	240	243	245	246		
Per dozen	$27 72	34 27	45 36	58 32		
Nos.	100	103	263	265	266	
Per dozen.	$37 80	46 20	40 30	52 90	79 25	
Nos.			263D	265D	266D	
Per dozen			$40 30	52 90	69 25	
No. 34L—Feet	....	50	66	75	100	
Per dozen		$28 10	32 40	35 70	45 35	
No. 38L—Feet	...	50	66	75	100	
Per dozen		$72 50	92 70	104 80	129 00	
Nos.			5100	5150	5200	
Per dozen			$60 50	75 60	90 70	

103 CHALK LINES, REELS AND PLUMB BOBS.

New page dated Oct. 1, 1909.

Nos.	15	14½	14	13½
Per dozen	$0 12	14	17	19
Per gross	1 18	1 22	1 50	1 68
Nos.	13	12½	12	11½ 11
Per dozen	$0 21	24	26	30 36
Per gross	1 92	2 16	2 40	3 00 3 60

IN 50-FT. BALLS.

Nos.	1	3	4
Per dozen	$0 30	36	42 48
Per gross	3 18	3 60	4 20 4 25

IN 100-FT. BALLS.

Nos.	2	3	4
Per dozen	$0 72	78	90
Per gross	6 60	7 80	9 00

IN 20-FT. HANKS.

Nos.	0	1	2
Per dozen	$0 28	31	36
Per gross	2 70	3 18	3 60

MASONS' LINES.

Nos.	21	3½	4	4½
Per dozen	$1 20	1 56	2 04	2 58
Per gross	10 80			

CARPENTERS' CHALK.

Nos.	5	3	4
Per box	$0 35	50	50

CHALK LINE REELS.

Nos.	10	199	12
Per dozen	$0 33	84	84

PLUMB BOBS.

Nos.	1	1½	5	4	2
Per dozen	$0 85	1 90	2 15	3 40	3 60
Nos.	3	01	02	05	11
Per dozen	$5 40	14 40	16 80	9 00	1 45
Nos.	12	111	112	113	114	115
Per doz.	$1 80	8 10	10 80	13 50	16 20	19 20

104 TOOL HANDLES AND AWLS.

New page dated Oct. 1, 1909.

Nos.	1	2	10	15	60
Per dozen	$10 80	16 30	12 60	7 80	10 80
Nos.			44	50	40
Per dozen			$6 30	4 80	3 30

HANDLED BRAD AWLS.

No. "O. V. B."....per dozen $1 00
No. 4 ..... " 1 00

SCRATCH AWLS.

Nos.	2	100	200	1	O.V.B.	20
Per dozen	$0 42	77	84	1 34	2 56	1 44

PEG AND SEWING AWLS.

Nos.	6	5	4	3
Per gross	$0 54	1 08	90	1 02

HARNESS AND BRAD AWLS.

Nos.	2	1	8	7
Per gross	$1 02	1 20	1 02	1 08

105 HAFTS AND HANDLES.

New page dated March 1, 1908.

AWL HAFTS.

Nos.	3	11	5	6	10	6½
Per dozen	$0 27	28	45	54	32	54

Page

CHISEL HANDLES.

Nos.	10	11	15	16	17	211	115	20
Per dozen	$0 27	30	31	43	48	42	72	19
Nos.	21	25	22	125	125½	30	31	130
Per dozen	$0 24	28	42	48	54	36	48	55

106 FILE, AUGER, PLANE AND SAW HANDLES.

New page dated March 1, 1908.

Nos.	46	47	45	48
Per dozen	$0 14	17	30	1 20

TROWEL HANDLES.

Disston's .....per dozen $1 20
Rose's ..... " 1 44

SCREW DRIVER HANDLES.

No. 1 .....per dozen 0 48
No. 2 ..... " 65

AUGER HANDLES.

Nos.	1	10	20	3	4
Per dozen	$0 42	48	2 61	4 80	23 25

PLANE HANDLES.

Nos.	48	49	51	52
Per dozen	$0 50	72	1 15	2 28

SAW HANDLES.

Nos.	04	03	2	4½	9
Per dozen	$0 90	90	96	2 94	5 00
Nos.		05	7	06	08
Per dozen		$3 60	6 00	3 85	6 25

Change Nos. 4, 3, 5, 6 and 8 to read Nos. 04, 03, 05, 06 and 08.

107 MALLETS.

New page dated October 1, 1908.

Nos.	20	21	23	22	22½	25
Per dozen	$0 90	1 92	1 08	1 38	1 50	1 20
Nos.	25½	26	30	35	36	40
Per dozen	$1 50	2 40	2 40	3 84	4 80	2 40
Nos.	41	45	46	50	51	52
Per dozen	$2 88	4 56	5 50	3 50	6 05	3 90
Nos.			53	12	12½	13
Per dozen			$5 15	6 30	7 20	8 65

108 PRICE LIST OF FILES AND RASPS.

New page dated October 1, 1908.
List adopted November 1, 1899.

109 FILES.

New page dated October 1, 1908.
"O. V. B."....discount 70 per cent.
Nicholson's ....discount 70 per cent.
Disston's ....discount 75 per cent.
New American ....discount 75-5 per cent.
Seconds ....discount 75 per cent.

110 FILES AND RASPS.

New page dated October 1, 1908.
"O. V. B."....discount 70 per cent.
Nicholson's ....discount 70 per cent.
New American ....discount 75-5 per cent

"REV-O-NOC" HORSE RASPS.

Lengths, in.	12	14	16	18
Per dozen	$2 75	3 85	5 30	6 00

HELLER BROS.

All sizes ....discount 70 per cent.

111 FILES.

New page dated October 1, 1908.
"O. V. B."....discount 70 per cent.
Nicholson's ....discount 70 per cent.
Disston's ....discount 75 per cent.
New American ....discount 75-5 per cent

WEEDS' SPECIAL.

Length, in.	4½	5	5½	6	7
Per dozen	$0 90	97	1 12	1 21	1 47

HUNT'S CHROME STEEL.

Length, in.	4½	5	5½	6
Per dozen	$0 82	90	1 04	1 11

112 NEEDLE FILES.

New page dated October 1, 1908.
Disston's .....per dozen $0 90

AUGER BIT.

No. 1 .....per dozen $1 20

HORSE TOOTH FILES.

Nos.	10	30	60
Per dozen	$9 00	12 00	16 80

Extra Files for above.....per dozen $1 95

FILE CLEANERS.

No. 9 .....per dozen $2 20
No. 10 ..... " 2 40

113 SWISS PATTERN SUPERFINE FILES.

New page dated October 1, 1908.

HAND.

Nos.	00	0	2	4
4 in. per dozen	$1 70	1 70	1 70	1 80
6 in. "	2 60	2 60	2 60	2 70
8 in. "	3 80	3 80		3 90

WARDING.

Nos.	0	1	2	3	4
4 in. per dozen	$1 70	1 70	1 70	1 80	1 80
6 in. "	2 60	2 60	2 60	2 70	2 70
8 in. "	3 65				

BARRETTE.

Nos.	0	1	2	4
4 in. per dozen	$2 00	2 00	2 00	2 02
6 in. "	3 35	3 35	3 35	3 45

Page

HALF ROUND.

Nos.	00	1	2	3	4
4 in. per dozen	$1 70	1 70	1 70	2 00	2 00
6 in. "	2 70	2 70	2 70	3 00	3 00

CROSSING.

Nos.	0	1	2	6
3½ in. per dozen $			1 75	
4 in. "	2 00	2 00	2 00	2 15
6 in. "	3 00	3 00	3 00	3 55
8 in. "	4 80	4 80	4 80	

KNIFE.

Nos.	0	2	4
4 in. per dozen	$1 95	1 95	2 00
6 in. "	2 90	2 90	3 15

PILLAR.

Nos.	0	2	4
4 in. per dozen	$1 59	1 59	1 62
6 in. "	2 30	2 30	2 35
8 in. "	3 50	3 50	3 60

NARROW PILLAR.

Nos.	0	2	4
4 in. per dozen	$1 59	1 59	1 62
6 in. "	2 30	2 30	2 35
8 in. "	3 50	3 50	3 60

EXTRA NARROW PILLAR.

Nos.	0	2	4
4 in. per dozen	$1 59	1 59	1 62
6 in. "	2 30	2 30	3 60

SQUARE.

Nos.	0	2	4
4 in. per dozen	$1 50	1 50	1 60
6 in. "	2 35	2 35	2 45
8 in. "	3 45	3 45	

THREE SQUARE.

Nos.	0	2	3	4
4 in. per dozen	$1 80	1 80	1 85	1 85
6 in. "	2 70	2 70	2 86	2 86

ROUND FILES.

Nos.	0	2	4
4 in. per dozen	$1 25	1 25	1 30
6 in. "	2 00	2 00	2 05

DIE SINKER FILES.

No. 13—Assorted .....per set $1 50

114 O. V. B. AUGER BITS.

New page dated October 1, 1908.

Inches	3-16	4-16	5-16	6-16	7-16
Per dozen	$1 75	1 55	1 55	1 55	1 75
Inches	8-16	9-16	10-16	11-16	12-16
Per dozen	$1 95	2 15	2 35	2 70	2 70
Inches	13-16	14-16	15-16	16-16	
Per dozen	$3 10	3 10	3 50	3 50	
Sets of 24 quarters				per set	$2 05
Sets of 32½ quarters				"	2 70

REV-O-NOC.

Inches	3-16	4-16	5-16	6-16	7-16
Per dozen	$1 55	1 35	1 35	1 35	1 55
Inches	8-16	9-16	10-16	11-16	12-16
Per dozen	$1 70	1 90	2 05	2 40	2 40
Inches	13-16	14-16	15-16	16-16	
Per dozen	$2 75	2 75	3 10	3 10	
Sets of 24 quarters				per set	$2 05
Sets of 32½ quarters				"	2 40

NEW JENNINGS.

Inches	3-16	4-16	5-16	6-16	7-16	8-16
Per dozen.	$1 95	1 70	1 70	1 70	1 95	2 15
Inches	9-16	10-16	11-16	12-16	13-16	
Per dozen	$2 35	2 60	2 70	2 70	3 45	
Inches	14-16	15-16	16-16	18-16	20-16	
Per dozen	$3 45	3 90	3 90	4 55	5 15	
Sets of 24 quarters				per set	$2 30	
Sets of 32½ quarters				"	3 00	

RUSSELL JENNINGS.

Inches	3-16	4-16	5-16	6-16	7-16
Per dozen	$3 25	2 85	2 85	2 85	3 25
Inches	8-16	9-16	10-16	11-16	12-16
Per dozen	$3 60	3 95	4 30	5 05	5 05
Inches	13-16	14-16	15-16	16-16	
Per dozen	$5 75	5 75	6 50	6 50	
Sets of 32½ quarters				per set	$5 00

SPECIAL BLUED.

No. 62—Inches.	3-16	4-16	5-16	6-16	7-16
Per dozen	$1 10	75	75	75	1 10
No. 62Inches	8-16	9-16	10-16	11-16	12-16
Per dozen	$1 20	1 30	1 45	1 70	1 70
No. 62—Inches	13-16	14-16	15-16	16-16	
Per dozen	$1 90	1 90	2 15	2 15	
Sets of 32½ quarters				per set	$1 70

IRWIN.

Inches	3-16	4-16	5-16	6-16	7-16
Per dozen	$2 45	2 15	2 15	2 15	2 45
Inches	8-16	9-16	10-16	11-16	12-16
Per dozen	$2 70	2 95	3 25	3 80	3 80
Inches	13-16	14-16	15-16	16-16	
Per dozen	$4 30	4 30	4 85	4 85	

FORD.

Inches	3-16	4-16	5-16	6-16	7-16	8-16
Per dozen.	$2 70	2 40	2 40	2 40	2 70	3 00
Inches	9-16	10-16	11-16	12-16	13-16	14-16
Per dozen.	$3 30	3 60	4 20	4 20	4 80	4 80
Inches	15-16	16-16	18-16	20-16	24-16	
Per dozen	$5 40	5 40	6 30	7 20	9 00	
Sets of 32½ quarters				per set	$4 00	

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

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AUGER BIT SETS.

New page dated Oct. 1, 1909.

Nos.	6	8	13	213	113	600
Per set	$1 30	1 70	2 90	3 30	3 65	70

AUGER BIT BOXES.

Nos.	16	18	013	012
Per dozen	$4 30	5 10	6 50	3 90

AUGER BIT SETS.

Nos.	12	212	112	34
Per set	$2 75	3 15	3 50	4 50
Nos.	35	32	33	
Per set	$2 15	3 80	5 00	

AUGER BIT ROLLS.

No. 3 ..... per dozen $5 40

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O. V. B. EXPANSION BITS.

New page dated Oct. 1, 1909.

Small, with cutters..... per dozen $ 8 10
Large, with cutters..... " 11 70

EXTRA CUTTERS.

Nos.	1	2	3	4	5	6
Per dozen	$1 35	1 70	2 35	2 70	4 00	5 16

CLARK'S EXPANSION BITS.

Small, with cutters..... per dozen $ 6 95
Large, with cutters..... " 10 10

EXTRA CUTTERS.

Nos.	1	2	3	4	5	6
Per dozen	$1 25	1 50	2 15	2 45	3 70	4 90

STEERS' EXPANSION BITS.

Small, with cutters..... per dozen $17 15
Large, with cutters..... " 20 30

EXTRA CUTTERS.

Nos.	1	2	3	4
Per dozen	$2 35	2 95	4 10	4 70

CARPENTERS' NUT AUGERS.

In.	½	⅝	¾	⅞	1	1⅛	1¼
Dz.	$2 25	2 55	2 90	3 25	3 55	4 05	4 60
Inches	1⅜	1¾	2	2¼	2½	3	
Per doz.	$5 95	7 00	8 10	10 80	13 50	24 30	

BORING MACHINE AUGERS.

Inches	1	1¼	1½	2
Per dozen	$4 05	5 15	6 50	8 65

Sets of 18 quarters, 1, 1½ and 2 in.per set $1 70

IRWIN BORING MACHINE AUGERS.

Inches	1	1½	2
Per dozen	$6 15	9 85	13 10

SNELL'S CAR BITS.

In.	4-16	5-16	6-16	7-16	8-16	9-16	10-16
Dz.	$4 30	4 30	4 30	4 80	5 40	6 00	6 60
In.	11-16	12-16	13-16	14-16	15-16	16-16	17-16
Dz.	$7 20	7 80	8 40	9 10	9 85	10 55	11 50

Sets of 32½ quarters, from 4 to 16-16....
Per set $7 45

IRWIN CAR BITS.

Inches	4-16	5-16	6-16	7-16	8-16
Per dozen	$4 85	4 85	4 85	5 40	6 05
Inches	9-16	10-16	11-16	12-16	13-16
Per dozen	$6 75	7 40	8 10	8 75	9 45
Inches	14-16	15-16	16-16	17-16	
Per dozen	$10 25	11 05	11 90	12 95	

SLACK'S CAR BITS.

Inches	6-16	7-16	8-16	9-16
Per dozen	$8 05	8 05	8 05	9 10
Inches	10-16	11-16	12-16	
Per dozen	$10 10	11 10	12 10	

BIT EXTENSIONS.

Inches	12	15	18	21	24
Per dozen	$11 65	11 65	11 65	11 65	13 60

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SNELL'S SHIP AUGER BITS.

New page dated Oct. 1, 1909.

Inches	4-16	5-16	6-16	7-16	8-16
Per dozen	$3 60	3 60	3 60	3 60	3 60
Inches	9-16	10-16	11-16	12-16	
Per dozen	$4 50	4 50	5 40	5 40	
Inches	13-16	14-16	15-16	16-16	
Per dozen	$6 30	6 30	7 20	7 20	

SNELL'S SHIP AUGER PATTERN CAR BITS.

Inches	6-16	7-16	8-16	9-16	10-16
Per dozen	$5 40	5 70	6 00	6 30	6 60
Inches	11-16	12-16	13-16	14-16	
Per dozen	$6 90	7 20	7 50	7 80	
Inches	15-16	16-16	17-16	18-16	
Per dozen	$8 40	8 70	9 30	9 60	

SNELL'S SHIP AUGERS.
With or Without Screws.

Inches	4-16	6-16	7-16	8-16	9-16	
Per dozen	$4 50	4 50	4 50	4 50	5 40	
Inches	10-16	11-16	12-16	13-16	14-16	
Per dozen	$5 40	6 30	6 30	7 20	7 20	
Inches	15-16	16-16	17-16	18-16	19-16	
Per dozen	$8 10	8 10	9 00	9 00	9 90	
Inches	20-16	24-16	28-16	32-16		
Per dozen	$9 90	12 60	16 55	22 80		

We do not guarantee prices.

Page

FORD'S SHIP AUGERS.
With or Without Screws.

Inches	4-16	6-16	7-16	8-16	9-16	10-16
Per dozen	$4 85	4 85	4 85	4 85	5 85	5 85
Inches	11-16	12-16	13-16	14-16	15-16	16-16
Per dozen	$6 80	6 80	7 75	7 75	8 75	8 75
Inches	17-16	18-16	19-16	20-16	24-16	
Per dozen	$9 70	9 70	10 70	10 70	13 60	

FORD'S SHIP AUGER PATENT CAR BITS.

Inches	6-16	7-16	8-16	9-16
Per dozen	$5 85	6 15	6 50	6 80
Inches	10-16	11-16	12-16	13-16
Per dozen	$7 10	7 45	7 75	8 10
Inches	14-16	15-16	16-16	17-16	18-16
Per dozen	$8 40	9 05	9 40	10 05	10 35

DOWEL BITS.

Inches	¼	5-16	⅜
Per dozen	$1 80	1 95	2 10

DOWEL SHARPENERS.

No. 22 ..... per dozen $1 85

HOLLOW AUGERS, ETC.

Nos.	4	3	33
Per dozen	$7 20	38 40	54 00

SPOKE POINTERS.

No. 1 ..... per dozen $6 60

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GIMLETS.

New page dated Oct. 1, 1909.

Inches	4-32	5-32	6-32	7-32		
No. 21—Per dozen	$0 90	95	98	1 00		
Inches	8-32	9-32	10-32	Ass't		
No. 21—Per dozen	$1 05	1 10	1 15	1 00		
Inches	2-32	3-32	4-32	5-32		
No. 30—Per dozen	$0 80	80	80	80		
Inches	6-32	7-32	8-32	9-32		
No. 30—Per dozen	$0 80	80	80	80		
Inches	10-32	12-32	Ass't			
No. 30—Per dozen	$0 80	80	80			
Sizes	0	1	2	3		
No. 10—Per dozen	$0 40	42	43	44		
Sizes	4	5	6	Ass't		
No. 10—Per dozen	$0 45	46	50	42		
Inches	2-32	3-32	4-32	5-32	6-32	
No. 25—Per dozen	$0 65	65	65	65	65	
Inches	7-32	8-32	9-32	10-32	Ass't	
No. 25—Per dozen	$0 65	65	65	65	65	

SCREW DRIVER BITS.

Nos.	17	7	127	27	341
Per dozen	$1 75	1 70	60	1 30	80

COUNTERSINK BITS.

Nos.	35	32	45-½	45-¾
Per dozen	$1 70	90	2 10	2 50
Nos.	30	28	49	18	20
Per dozen	$0 90	65	3 00	2 00	3 10

COUNTERSINK GIMLETS.

No. 12—Assorted sizes..... per dozen $1 00

Sizes	0	1	2	3	Ass't
No. 5—Per doz.	$1 55	1 55	1 55	1 55	1 55

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REAMER BITS.

New page dated Oct. 1, 1909.

Nos.	1-½	1-¾	342	47	
Per dozen	$2 10	2 75	85	2 80	
Nos.	2	344	343	48	
Per dozen	$2 10	85	85	3 10	
Inches	¼	5-16	⅜	7-16	½ 9-16
No. 345—Each	$0 30	35	40	45	50 55
Inches	⅝	11-16	¾	⅞	1
No. 345—Each	$0 65	75	85	1 15	1 45

CENTER BITS.

Inches	¼	⅜	½	⅝	¾
Per dozen	$0 70	70	70	70	70
Inches	⅞	1	1⅛	1¼	1⅜
Per dozen	$0 70	75	90	1 10	1 25
Inches	1½	1⅝	1¾	1⅞	2
Per dozen	$1 45	1 70	1 90	2 15	2 70

WOOD HEAD GIMLETS.

Nos.	1	200	300
Per dozen	$1 15	1 00	1 35
Nos.	2	3	4	14
Per gross	$6 30	6 50	6 60	6 50

METAL HEAD GIMLETS.

Nos.	22	10	20
Per gross	$7 50	3 90	4 10

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TWIST DRILLS.

New page dated Oct. 1, 1909.

Inches	1-16	3-32	1/8	5-32	
No. 8A—Per dozen	$0 60	65	85	1 05	
Inches	3-16	7-32	¼	9-32	
No. 8A—Per dozen	$1 25	1 45	1 65	1 90	
Inches	5-16	11-32	⅜	13-32	7-16
No. 8A—Per dz.	$2 15	2 50	2 90	3 20	3 50
Inches	15-32	½	9-16	⅝	¾
No. 8A—Per dz.	$3 85	4 15	5 75	6 45	7 90
No. 8A	per set $1 10				
Inches	2	3	4	5	6-32
No. 9A—Per dz.	$1 00	1 00	1 00	1 10	1 30
Inches	7	8	9	10	11-32
No. 9A—Per dz.	$1 60	1 95	2 25	2 25	2 40
Inches	12	13	14	15	16-32
No. 9A—Per dz.	$2 60	2 90	2 90	3 25	3 25
Inches	18	20-32			
No. 9A	per dozen $3 56	3 90			

Page

TWIST DRILL BITS IN SETS.

Nos.	3A	5A	23	25
Per set	$1 20	1 20	1 20	1 20

BRACE DRILL BITS.

Inches	2-32	3-32	4-32	5-32	6-32
No. 109A—Per dz.	$0 95	95	95	1 05	1 20
Inches	7-32	8-32	9-32	10-32	11-32
No. 109A—Doz.	$1 50	1 80	2 10	2 10	2 40
Inches	12-32	13-32	14-32	15-32	16-32
No. 109A—Doz.	$2 40	2 70	2 70	3 00	3 00
Inches	5-16—18		5-16—24		⅜—18
No. 109B—Per dozen	$5 40		6 85		5 75
Inches	⅜—24		10-16—18		11-16—18
No. 109B—Per doz.	$7 20		8 65		9 35

DRILL CHUCKS.

Nos.	0	1	2
Each	$4 70	5 05	5 75

TAPER SOCKETS.

Nos.	1	2	3	4
Each	$0 51	80	1 10	1 70

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TWIST DRILLS.

New page dated October 1, 1908.

Inches	1-16	3-32	1/8	5-32	3-16	7-32
No. 108—Per dz.	$0 60	65	85	1 05	1 25	1 45
Inches	¼	9-32	5-16	11-32	⅜	13-32
No. 108—Per dz.	$1 65	1 90	2 05	2 50	2 85	3 20
Inches	7-16	15-32	½	9-16	⅝	¾
No. 108—Per dz.	$3 50	3 85	4 20	5 75	6 45	7 90
Sets of nine	per set $1 10					
Gauge	1to5	6to10	11to15	16to20		
No. 107—Per dozen	$1 00	95	1 05	85		
Gauge	21to25	26to30	31to35	36to40		
No. 107—Per dozen	$0 75	65	60	50		
Gauge	41to45	46to60	61to65			
No. 107—Per dozen	$ 45	40	35			
Nos.	9	8	7			
Per set	$1 85	3 50	4 25			
Inches	17-32	9-16	19-32	⅝	21-32	11-16
No. 104B Each.	$0 45	50	51	56	60	65
Inches	23-32	¾	25-32	13-16	27-32	
No. 104B—Each	$0 70	75	85	90	1 00	
Inches	⅞	29-32	15-16	31-32	1	
No. 104B—Each	$1 05	1 15	1 20	1 25	1 30	
Inches	1-16	5-64	3-32	7-64	1/8	9-64
No. 105—Per doz.	$0 40	45	50	55	60	65
Inches	5-32	11-64	3-16	13-64	7-32	15-64
No. 105. per dz.	$0 75	85	95	1 00	1 15	1 25
Inches	¼	17-64	9-32	19-64	5-16	21-64
No. 105. Per dz.	$1 35	1 45	1 55	1 65	1 80	1 90
Inches	11-32	23-64	⅜	25-64	13-32	27-64
No. 105. Per dz.	$2 10	2 20	2 30	2 45	2 60	2 75
Inches	7-16	29-64	15-32	31-64	½	
No. 105. Per doz.	$2 95	3 10	3 25	3 35	3 45	
No. 6	per set $2 33					
No. 5	" 4 30					
Inches	¼	9-32	5-16	11-32	⅜	13-32
No. 104—each	$0 24	26	27	30	32	33
Inches	7-16	15-32	½	17-32	9-16	19-32
No. 104—each	$0 36	38	39	44	48	50
Inches	⅝	21-32	11-16	23-32	¾	25-32
No. 104—each	$0 56	60	63	68	74	80
Inches	13-16	27-32	⅞	29-32	15-16	31-32
No. 104—each	$0 85	90	95	1 05	1 10	1 15
Inches	1	1 1-32	1 1-16			
No. 104—each	$1 30	1 40	1 45			
Inches	1 3-32	1⅛	1 5-32			
No. 104—each	$1 55	1 65	1 75			
Inches	1 3-16	1 7-32	1¼			
No. 104—each	$1 80	1 90	1 95			
Inches	1 9-32	1 5-16	1 11-32			
No. 104—each	$2 00	2 10	2 15			
Inches	1⅜	1 13-32	1 7-16	1½	1 9-16	1⅝
No. 104. ea	$2 10	2 15	2 40	2 60	5 25	5 75
Inches	1 11-16	1⅞	1 13-16	1⅞	1 15-16	2
No. 104. ea	$6 25	6 65	7 05	7 35	7 60	7 85

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TWIST DRILLS AND TAPS.

New page dated October 1, 1908.

Inches	3-16	7-32	¼	9-32	5-16	
No. 112—each	$0 20	22	24	26	27	
Inches	11-32	⅜	13-32	7-16	15-32	
No. 112—each	$0 28	30	31	32	33	
Inches	½	17-32	9-16	9-32	⅝	
No. 112—each	$0 33	34	36	38	42	
Inches	21-32	11-16	23-32	¾		
No. 112—each	$0 41	46	48	51		
Inches	⅛	5-32	3-16	7-32	¼	9-32
No. 110—each	$0 21	22	24	26	27	28
Inches	5-16	11-32	⅜	13-32	7-16	15-32
No. 110—each	$0 30	32	33	34	36	37
Inches	½	17-32	9-16	19-32	⅝	21-32
No. 110—each	$0 38	39	39	40	42	44
Inches	11-16	23-32	¾	25-32	13-16	27-32
No. 110—each	$0 45	48	50	51	54	56
Inches	⅞	29-32	15-16	31-32	1	
No. 110—each	$0 57	62	63	68	72	

MACHINISTS' HAND TAPER TAPS.

⅛ in.	each $0 15
3-16 in.	" 15

MACHINISTS' HAND TAPS.

Diameter, in.	¼	5-16	⅜	7-16	½	
Each	$0 19	21	24	25	29	
Per set (3)	55	65	70	80	90	
Diameter, in.	9-16	⅝	¾	⅞	1	
Each	$0 33	38	50	65	85	
Per set (3)	1 00	1 10	1 50	2 00	2 50	

STOVE BOLT TAP.

Inches	3-16	¼	5-16
Each	$0 11	13	13

(Continued on next page)

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

MACHINE OR NUT TAPS.

Diameter	¼	5-16	⅜	½	⅝	¾	⅞	1
Each	$0 25	30	35	40	55	65	90	1 15

MACHINE SCREW TAPS.

No. of gauge	1½	2	3	4	5
Each	$0 11	11	11	11	11
No. of gauge	6	8	9	10	12
Each	$0 11	11	11	11	11
No. of gauge	14	16	18	20	24
Each	$0 13	13	13	14	14

BLACKSMITHS' TAPER TAPS.

Inches	¼	5-16	⅜	7-16
Each	$0 14	14	16	20
Inches	½	9-16	⅝	¾
Each	$0 20	25	25	30

123 **STOCK AND DIES.**

New page dated Oct. 1, 1909.

Nos.	21	23	32	34	37B
Per set	$4 10	3 40	3 40	3 05	2 90
Nos.	37	37A	39	41	42
Per set	$2 90	2 90	2 70	2 20	2 40
Nos.	43	44	53	17	19
Per set	$2 05	2 05	1 85	6 15	6 15
Nos.	27D	27	29	51	0
Per set	$6 50	4 45	4 10	3 05	3 15
Nos.	1	1½	2	2A	3A
Per set	$4 10	3 40	5 05	3 90	6 50

PIPE TAPS.

Sizes	⅛	¼	⅜	½	¾
Each	$0 19	22	27	32	45
Sizes	1	1¼	1½	2	
Each	$0 55	65	80	1 10	

PIPE REAMERS.

Sizes	⅛	¼	⅜	½	¾
Each	$0 19	22	27	32	45
Sizes	1	1¼	1½	2	
Each	$0 55	65	80	1 10	

PIPE DIES.

Nos.	11	11½	12
Each	$0 55	70	90

124 **SCREW PLATES.**

New page dated Oct. 1, 1909.

Nos.	150	152	1124	1104	1112
Per set	$4 60	5 90	9 45	11 75	20 15
Nos.	1217	1223	1227	1229	1193
Per set	$10 70	14 30	19 20	23 10	12 80
Nos.	1197	1199	1420	1462	2½
Per set	$17 65	20 40	9 00	22 70	4 30
Nos.	2½C	3D	4B	F3	
Per set	$6 00	7 65	10 75	4 50	

125 **SCREW PLATES.**

New page dated March 1, 1909.

Nos.	D5	DD5	D6	DD6	D7	DD7	A1
Per set	$3 45	3 45	3 95	3 95	4 50	4 50	5 05
Nos.	A2	A3	1	5	5½	8	
Per set	$6 15	8 05	9 20	12 30	14 20	13 80	
Nos.	9	61	65	65½	67	67½	
Per set	$21 10	9 20	13 80	15 70	22 80	24 55	

126 **SCREW PLATES.**

New page dated March 1, 1907.

Fig.	150	152	103	196
Per set	$4 40	5 65	10 45	17 70
Fig.	222	228	198	
Per set	$13 40	20 50	20 50	
Nos.	2½	2½C	3D	4B
Each	$3 80	5 75	7 55	10 30
Nos.	7B	114	J16	J18
Each	$16 05	9 20	16 30	12 75

135 **BIT BRACES.**

New page dated March 1, 1909.

Sweep inches	6	8	10	12	14
No. 1908 per d.	$18 40	18 40	19 85	21 30	23 00
Extra Jaws	per dozen $3 45				
Nos.	13	12	11		
Per dozen	$10 35	11 50	12 65		
Extra Jaws	per dozen $2 05				
Nos.	33	32	31		
Per dozen	$14 40	15 95	15 85		
Extra Jaws	per dozen $2 05				
Nos.	208	210	Extra Jaws		
Per dozen	$6 55	7 00	1 35		
Nos.	1008	1010	1012	Extra Jaws	
Per dozen	$9 70	10 15	10 60	1 35	
Nos.	2308	2310	2312	2314	
Per dozen	$4 35	4 90	5 30	5 75	
Extra Jaws	per dozen $1 35				
Nos.	2610	2612	2614	Extra Jaws	
Per dozen	$8 70	9 25	9 70	1 35	
Nos.	1203	1202	1201	1200	
Per dozen	$23 30	24 75	26 20	27 60	
Extra Jaws	per dozen $3 60				
Nos.	1003	1002	1001		
Per dozen	$18 40	20 00	21 30		
Extra Jaws	per dozen $3 60				

In a great many instances we have quoted discounts, for convenience, on lines which are sold at net prices. All such goods will be billed net.

Page

136 **BIT BRACES.**

New page dated March 1, 1909.

No. 921—Sweep.	6	8	10	12	14
Per dozen	$17 15	18 65	20 20	21 70	23 20
Extra Jaws	per dozen $3 60				
Nos.	66	86	106	126	146
Per dozen	$17 75	17 75	18 00	19 20	20 40
Extra Jaws	per dozen $3 60				
Nos.	108	110	112	P8	P10	P12
Per d.	$12 00	13 50	15 00	3 60	3 90	4 20
Extra Jaws	per dozen $1 45					
Nos.	R80	R100	R120	30		
Per dozen	$7 50	7 80	8 10	1 80		
Extra Jaws	per dozen $1 45					
Nos.	30	10D	55	35		
Per dozen	$1 80	31 20	33 60	15 60		

Change "No. 45" to read "No. 55."

137 **BORING MACHINES.**

New page dated March 1, 1910.

Nos.	5	15	2	12	4
Each	$3 30	4 95	3 65	5 30	7 20
Nos.	14	6	16	24	34
Each	$9 00	4 80	6 60	6 00	7 80

Chain-Feed Drill Attachments.

Nos.	A	B	C	E
Per dozen	$8 10	8 10	14 40	22 70

138 **HAND DRILLS.**

New page dated March 1, 1910.

Nos.	20	7	43	041
Per dozen	$10 50	12 00	8 10	14 40
Nos.	44	51	1	5	2
Per dozen	$16 25	26 40	14 70	17 60	29 40

Extras.

Extra Springs for No. 20	per dozen	$1 20
Extra Drills for No. 20	per set of 8	40
Extra Drills for No. 20	per dozen	65
Extra Drills for No. 7	per set of 8	40
Extra Drills for No. 7	per dozen	65
Extra Springs for No. 041	per dozen	1 10
Extra Drills for No. 041	per set of 8	40
Extra Drills for No. 041	per dozen	55

139 **HAND DRILLS.**

New page dated Oct. 1, 1906.

Nos.	1	5	2
Per dozen	$14 70	17 70	29 40

CHAIN FEED DRILL ATTACHMENTS.

Nos.	A	B	C
Per dozen	$8 10	8 10	14 40

140 **BREAST DRILLS.**

New page dated Oct. 1, 1906.

Nos.	19	12	15	50	100	18
Dz.	$19 70	29 40	29 40	33 60	31 20	34 80

141 **SCREW DRIVERS.**

New page dated March 1, 1907.

No. 1—Inches	1½	2	3	4	5
Per dozen	$0 35	60	80	95	1 15
No. 1—Inches	6	7	8	10	12
Per dozen	$1 35	1 55	2 00	2 90	3 60
No. 10—Inches	3	4	5	6	
Per dozen	$0 70	90	1 10	1 20	
No. 10—Inches	8	10	12		
Per dozen	$1 85	2 40	2 90		
No. 6—Inches	2	3	4	5	6
Per dozen	$1 20	1 25	1 30	1 45	1 60
No. 6—Inches	7	8	10	12	
Per dozen	$1 65	1 85	2 00	2 10	
No. 4—Inches	2	3	4	5	
Per dozen	$0 90	1 15	1 35	1 60	
No. 4—Inches	6	7	8		
Per dozen	$1 80	2 30	2 50		
No. 70—Inches	2½	3	4	5	6
Per dozen	$1 60	1 90	2 30	2 70	3 25
No. 70—Inches	7	8	10	12	
Per dozen	$3 80	4 30	5 40	6 50	
No. 74—Inches	4	5	6	8	
Per dozen	$2 30	2 70	3 25	4 30	
No. 75	per dozen $1 90				

Added to stock:
Hurwood Screw Drivers.

No. 51—1¾ in. blade, 5¼ in. over all, similar to No. 75, but heavier.....per dozen $2 70
No. 52—3 in. blade, 7¼ in. over all, otherwise same as No. 51.....per dozen $4 85

142 **SCREW DRIVERS.**

New page dated March 1, 1907.

No. 16—Inches	2	3	4	5	6
Per dozen	$1 35	1 45	1 50	1 70	1 85
No. 16—Inches	7	8	10	12	
Per dozen	$1 90	2 10	2 20	2 30	
No. 26—Inches	2½	3	4	5	6
Per dozen	$1 80	2 10	2 55	3 00	3 60
No. 26—Inches	7	8	10	12	
Per dozen	$4 20	4 80	6 00	7 20	
No. 7—Inches	2½	3½	4½		
Per dozen	$1 60	1 90	2 30		
No. 7—Inches	5½	6½	7½	8½	
Per dozen	$2 70	3 25	3 75	4 30	

Added to stock:
O. V. B. Screw Drivers, polished round steel, blade and ferrule, ebonized handle, similar to Champion pattern.

Inches	2	3	4	5	6
Per dozen	$1 90	1 95	2 05	2 25	2 40
Inches	7	8	10	12	
Per dozen	$2 45	2 65	2 80	2 85	

Page

CLARK'S INTERCHANGEABLE.

No. 20	per dozen sets	$9 60
No. 11	"	12 00

EUREKA SPIRAL.

No. 10	per dozen	$11 50
No. 12	"	12 10

REED'S LIGHTNING.

No. 42	per dozen	$15 60
No. 41	"	18 00

143 **SCREW DRIVERS.**

New page dated March 1, 1907.

No. 15—Inches	2	3	4	5
Per dozen	$3 95	4 30	4 60	4 95
No. 110—In.	2	3	4	5	6	8
Per dozen	$3 60	4 50	4 85	5 30	6 25	7 20

YANKEE SPIRAL RATCHET.

No. 35	per dozen	$12 00
No. 301	per dozen sets	2 90
No. 302	"	3 35
No. 30	per dozen	14 40
No. 31	"	22 20

Added to stock:

Extra Bits for No. 31 Screw Drivers—per dozen sets	$3 90

CHUCKS, DRILLS AND BITS.

No. 300	per dozen sets	$5 75
Extra drills for No. 30	per dozen	55
No. 030	"	1 45
Extra Screw Driver Bits for No. 30	doz. sets	3 90

Added to stock:

No. 311—Extra chucks and drills for No. 31 screw drivers	per dozen	$5 75

YANKEE RATCHET.

No. 112	per dozen	$5 70

POCKET MAGAZINE.

No. 60	per dozen	$6 60

144 **INSIDE CALIPERS.**

New page dated March 1, 1907.

No. 10—Inches	3	4	5	6	8
Per dozen	$1 15	1 20	1 40	1 60	2 30

OUTSIDE CALIPERS.

No. 20—Inches	3	4	5	6	8
Per dozen	$1 15	1 20	1 40	1 60	2 30

DOUBLE CALIPERS.

No. 30—Inches	3	4	5	6
Per dozen	$1 50	1 85	2 15	2 60

FANCY CALIPERS.

No. 40	per dozen	$1 50

SELF-REGISTERING CALIPERS.

No. 50	per dozen	$5 10

SPRING CALIPERS.

No. 60—Inches	3	4	5	6
Per dozen	$5 40	5 55	5 75	6 00

WING CALIPERS.

No. 80—Inches	6	8
Per dozen	$3 15	4 10

145 **WING DIVIDERS.**

Inches	6	7	8	10	12
New list	$6 25	7 50	9 00	12 00	14 00
No. 4—Per dz.	2 55	3 05	3 65	4 85	5 70

P. S. & W. CO.

Inches	6	7	8	9	10	12	15
No. 3—							
Dz.	$2 10	2 45	2 85	3 40	3 80	4 55	6 80

EXTENSION WING DIVIDERS.

Inches	6	7	8	10
No. 1	per dozen $6 80	7 55	8 30	9 10
Inches	6	7	8	10
No. 2	per dozen $7 55	8 30	8 85	9 80

CARPENTERS' COMPASSES.

Inches	5	6	7	8
No. 20	per dozen $1 45	1 70	2 00	2 30

PENCIL HOLDERS.

No. 11	Erase
No. 8	per dozen $1 05

146 **JOINT CALIPERS AND DIVIDERS.**

Length, In.	3	4	5	6	8	10
56A...each	$0 30	38	42	50	60	70
Length, In.	12	14	16	18	20	24
56A...each	$0 75	1 15	1 30	1 40	1 90	2 25
Length, In.	3	4	5	6	8	10
56C...each	$0 30	38	42	50	60	70
Length, In.	12	14	16	18	20	24
56C...each	$0 75	1 15	1 30	1 50	1 90	2 25
Length, In.	3	4	5	6	8	10
56E...each	$0 30	38	42	50	60	70

No. 56E—12 in.....$0 75
No. 56E—14, 16, 18, 20 and 20 in.....Erase
No. 55A—3, 4, 5 and 6 in.....Erase

Length, In.	3	4	5	6
55B	each $0 68	68	75	75
Nos. 55C and 55F, 6 in.	each $0 75			

No. 55B, 3 inch, and Nos. 55C and 55F Calipers and Dividers, we no longer carry in stock.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

Page 147

CALIPERS AND DIVIDERS.

Entire page.....discount....25 per cent.
Erase No. 66 Calipers.

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DIVIDERS AND EXTRAS.

Discount, 25 per cent.

REAMER PUNCHES.

Discount, 25 per cent.

CENTER PUNCHES.

Discount, 25 per cent.
No. 162 Center Punches should read ¼, 5-16 and ⅜ in."

SHOT PLUMB BOBS.

Discount, 20 per cent.
Erase Nos. 160, 4 in., 6 in. and 7 in. Plumb Bobs.

STEEL SQUARES.

No. 100.....discount....12½ per cent.
No. 200..... " ....12½ per cent.

UNIVERSAL BEVELS.

Erase.

CENTER SQUARES.

Discount, 20 per cent.

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DEPTH AND SURFACE GAUGES.

Discount .....25 per cent.

CENTER INDICATORS.

No. 140 .....discount 5 per cent.
Balance of page.....discount 25 per cent.
Erase Nos. 58, 59-8 and 12 in. Gauges, also No. 112 Trammel Points.

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MACHINISTS' TOOLS.

Entire page except No. 50, Draughtsman's Protractors .....discount 15 per cent.
No. 50—Daughtsman's Protractors.....net list
Erase No. 44 Notch Gauges, Nos. 67, 68 and 69 Drill and Reamer Holders, No. 60 Scratch Gauges, No. 76 Rule Clamps, No. 65 Center Punches and Nos. 79 and 80 Rule Depth Gauges.

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NAIL SETS, PUNCHES AND COLD CHISELS.

New page dated March 1, 1909.

Nos.	13	450	38	38½	40
Per dozen	$1 50	1 15	1 10	1 10	1 10
Nos.	39	3	35	35½	34
Per dozen	$1 20	3 25	80	80	80
No. 37			per box		$1 80
No. 92			per dozen		90
No. 93			"		90

SADDLERS' OR BELT PUNCHES.

Sizes	1to6	7to9	10&12
O. V. B.	per dozen $1 60	1 85	2 65
No. 50	" 80	90	1 20
No. 52	" 60	80	95
Sizes	1to5	6to8	9&10 12
No. 60	per dozen $2 40	2 80	4 00 4 80

MACHINE PUNCHES.

Nos.	70	10	5
Per dozen	$5 05	1 00	2 35
Nos. 11 to 16 and assorted		per dozen	$1 10
Nos.	18	19	20
Per dozen	$1 50	2 30	4 00

COLD CHISELS.

Inches	¼	⅜	½	⅝
O. V. B.	per dozen $1 20	1 25	1 45	2 30
No. 4	" 65	70	70	1 20
Inches	¾	⅞	1	
O. V. B.	per dozen $3 85	5 05	6 50	
No. 4	" 1 70	2 30	2 80	

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PUNCHES.

New page dated March 1, 1909.

SPRING PUNCHES.

Nos.	21	24	10	544
Per dozen	$3 60	7 20	95	2 40
Nos.	20	4	6	30
Per dozen	$0 65	5 40	7 20	65

CONDUCTORS' PUNCHES.

Nos.	22	260	12	120
Per dozen	$2 20	2 60	3 25	4 10
Nos.	36	137	38	263 44
Per dozen	$5 00	5 40	8 10	18 00 19 45

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PLIERS.

New page dated March 1, 1910.

FLAT NOSE.

Inches	4	5	6	7	
No. 60	per dozen $3 55	4 80	6 40	8 30	
Nos.	14	15	16	17	18 94
Per dozen	$1 35	1 80	2 40	3 10	4 10 2 05
Nos.	95			96	97
Per dozen	$2 30			2 75	3 85

ROUND NOSE.

Inches	4	5	6	7	
No. 62	per dozen $3 55	4 80	6 40	8 30	
Nos.	34	35	36	37	38 114
Per dozen	$1 35	1 80	2 40	3 10	4 10 2 05
Nos.	115			116	117
Per dozen	$2 30			2 75	3 85

"O. V. B. ELECTRICIANS'.

Nos.	67	69	63	65
Per dozen	$5 50	9 70	5 50	9 70

FLAT NOSE SIDE CUTTING.

Inches	4	5	6
No. 71	per dozen $8 10	8 10	9 90
Nos.	54	55	56 380 260 270
Per dozen	$4 30	4 75	5 35 21 10 10 80 13 20
Nos.	280	160	170 180 595
Per dozen	$15 70	5 95	7 80 9 55 4 50
No. 73—Inches	6		7 8
Per dozen	$8 65		10 20 12 00

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PLIERS AND NIPPERS.

New page dated March 1, 1910.

Nos.	464	1703	5922-5	5922-6
Per dozen	$6 30	7 90	8 80	10 60
Nos.	74	75	76	140 150
Per dozen	$2 90	3 10	3 95	2 90 3 40
No. 77—Inches	4		5	6
Per dozen	$5 70		6 85	8 10
No. 27—Inches	5		5½	6
Per dozen	$10 50		11 75	12 90
Nos.	25	452	124 125	126 224
Per doz.	$1 00	5 15	60 90	1 20 1 20
Nos.	225	226	135 136	137 138
Per dozen	$1 80	2 40	1 20 1 80	2 40 3 30
Nos.	90	91	92	93 2644¼
Per dozen	$8 95	11 30	13 65	18 30 4 80

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WIRE CUTTER, PLIERS AND STAPLE PULLERS.

New page dated March 1, 1910.

COMBINED PLIERS AND WIRE CUTTERS.

Inches	4½	6	8	10
No. 47	per dozen $3 30	4 10	5 10	6 85
No. 57	" 4 05	4 95	5 85	7 70
Nos.	44½	46	48	50 64½
Per dozen	$2 70	2 90	3 90	4 70 2 70
Nos.	66	68	70	72 198 200
Per dozen	$3 25	4 05	5 40	8 10 7 20 9 60

FENCING PLIERS.

No. 12 .....per dozen $9 90

BURNER PLIERS.

Inches	5	6
O. V. B.	per dozen $3 85	4 50
No. 5	per dozen $2 70	
No. 6	"	3 20

GAS PLIERS.

Inches	8	10	12
O. V. B.	per dozen $4 95	6 00	7 20
Cast	" 3 70	4 80	5 85

COMBINATION PLIERS.

No. 3120	per dozen				$4 20
Extra bolts				"	1 20
Nos.	310	310½	311	312	312½ 313
Per d.	$8 75	10 35	11 65	9 70	11 65 13 60
Nos.	320	322	320½	321	322½ 323
Per dozen	$4 50	5 05	5 35	6 00	6 00 7 00

STAPLE PULLERS.

Nos.	9	210	010	104
Per dozen	$2 40	9 60	9 90	9 90

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PINCERS, NUT SPLITTERS AND BOLT CLIPPERS.

New page dated March 1, 1910

CARPENTERS' PINCERS.

Inches	6	8	10	12
O. V. B.	$2 55	3 20	3 80	4 95
Nos.	6	7	8	10
Per dozen	$2 30	2 75	2 90	3 45
Nos.	12	16	18	20
Per dozen	$4 30	1 30	2 20	3 10

SHOE PINCERS.

No. 2 .....per dozen $5 15

BOLT CLIPPERS.

Nos.	0	1	2	3	11	12
Each	$2 05	2 75	3 85	5 10	2 40	3 50
Extra Jaws for No. 0				per pair		$0 90
Extra Jaws for No. 1				"		1 15
Extra Jaws for No. 2				"		1 70
Extra Jaws for No. 3				"		2 20
Extra Jaws for No. 11				"		1 15
Extra Jaws for No. 12				"		1 65

NUT SPLITTERS AND BOLT CLIPPERS.

Nos.	21	22
Per dozen	$4 20	7 55

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PINCERS AND FARRIERS' NIPPERS.

New page dated March 1, 1910.

BLACKSMITHS' PINCERS.

Inches	10	12	14
O. V. B.	per dozen $6 05	6 50	6 90
Nos.	410	412	414
Per dozen	$5 65	6 05	6 50

LARSON'S PINCERS.

Nos.	5	4	2	1	3
Per dozen	$5 15	7 45	9 20	9 75	9 75

FARRIERS' SHOEING PINCERS.

No. 034	per dozen	$10 30
No. 64	"	14 50

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HOOF CUTTING NIPPERS.

O. V. B.—12 in.	per dozen			$9 50
O. V. B.—14 in.			"	9 95
Nos.	30	32	220	240
Per dozen	$8 95	9 25	12 05	14 80
Nos.	710	720	740	
Per dozen	$12 40	14 55	17 00	

HOOF PARING NIPPERS.

O. V. B.—12 in.	per dozen			$13 65
O. V. B.—14 in.			"	16 65
Nos.	212	214	820	840
Per dozen	$13 80	15 50	13 90	16 95

WRENCHES.

New page dated March 1, 1910.

Girard Agricultural.

No. 400—Inches	6	8	10	12	15
Per dozen	$2 55	3 05	3 55	4 55	6 15

Girard Standard.

No. 401—In.	6	8	10	12	15 18
Per doz.	$3 90	4 30	5 20	6 05	10 50 12 95

Coes Standard.

F. O. B. Chicago—East of Denver.

Inches	6	8	10	12	15	18 21
Per dz.	$4 85	5 40	6 50	7 55	12 95	16 20 19 45

F. O. B. Chicago, Denver and West of Denver.

Inches	6	8	10	12	15	18 21
Per dz.	$5 40	6 00	7 20	8 40	14 40	18 00 21 60

Acme Standard.

Inches	6	8	10	12	15
Per dozen	$4 80	5 75	6 70	8 15	11 50

P., S. & W. Co.'s Solid Handle.

No. 86—In.	6	8	10	12
Per dozen	$4 60	5 10	6 15	7 15
No. 86—In.	15	18	21	
Per dozen	$12 30	15 40	18 45	

P., S. & W. Co.'s All Steel.

No. 87—In.	6	8	10	12
Per dozen	$5 00	5 55	6 65	7 75
No. 87—In.	15	18	21	
Per dozen	$13 30	16 65	19 95	

YANKEE WRENCH PIPE JAWS.

No. 2	per dozen	$2 40
No. 1	"	2 80

UNIVERSAL GRIP.

O. V. B.....per dozen $4 20

ADJUSTABLE "S."

Inches	4	6	8
No. 60	per dozen $	4 40	5 55
Inches	10	12	14
No. 60	per dozen	$7 40	9 25 12 90
Inches	4	6	8
No. 48	per dozen $	4 90	6 15
Inches	10	12	14
No. 48	per dozen	$8 20	10 25 14 35
Inches	4	6	8
No. 50	per dozen	$2 70	4 10 5 45
Inches	10	12	14
No. 50	per dozen	$8 20	

GENERAL PURPOSE.

All sizes .....per set $0 80

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WRENCHES.

New page dated March 1, 1909.

ALLIGATOR PATTERN.

Nos.	1-OVB	1	01	12-OVB	13-OVB
Per dozen	$1 05	1 00	85	1 45	2 60
Nos.	12	13	2	3	4 5
Per doz.	$1 45	2 60	3 90	7 75	11 65 17 50

TURN ALLIGATOR PATTERN.

No. 130—O. V. B.	per dozen	$5 85
No. 130	"	5 85

ALWAYS READY.

Nos.	101-OVB	102-OVB		
Per dozen	$2 85	3 85		
Nos.	101	102	1-OVB	2-OVB
Per dozen	$2 85	3 85	3 10	4 15
Nos.	2½-OVB	3-OVB	1	2 2½ 3
Per doz.	$6 45	9 85	3 10	4 15 6 45 9 85

BOLT.

No. 23—O. V. B.	per dozen	$2 40
No. 27—O. V. B.	"	3 30

ELGIN WRENCHES.

No. 202	per dozen	$7 50
Extra Toothed Jaws	"	2 10
Dies or Inserts	"	3 90
Rethreading Attachments	"	7 50
Elgin Wrench Sets	per set	$3 30

STEEL BRACE.

Inches	⅜	7-16	½	9-16
No. 95	per dozen $1 70	1 90	1 90	2 40
Inches	⅝	¾	⅞	1
No. 95	per dozen $2 40	2 90	3 25	erase

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PIPE TOOLS.

New page dated March 1, 1909.

STILLSON PIPE WRENCHES.

Inches	6&8	10	14
No. 20 ...per dozen	$7 75	8 80	11 65
Inches	18	24	36
No. 20 ...per dozen	$15 55	33 30	55 00

EXTRA PARTS FOR STILLSON WRENCHES.

Inches	6to8	10	14	18	24	36
Jaws ...each	$0 25	30	35	50	75	2 15
Nuts ... "	04	05	06	08	13	28
Frames ... "	12	14	18	19	30	60

TRIMO PIPE WRENCHES.

Inches	6&8	10	14	18	24	36	48
No. 25...each	$0 65	75	95	1 30	1 95	4 65	6 70

EXTRA PARTS FOR TRIMO WRENCHES.

Inches	6&8	10	14	18	24	36	48
Movable Jaws, each	$0 26	30	38	50	80	1 75	2 60
Nuts ... "	08	10	14	16	20	30	35
Inserted Jaws "	09	13	20	22	25	40	55
Frames ... "	09	13	17	22	25	32	45

Springs, Frame and Jaw Pins—

Inches	6to14	18to24	36&48
Each	$0 01½	01½	02

COMBINATION WRENCHES.

Inches	8	10	12	15
No. 44..per dozen	$11 95	13 10	14 80	21 10
Extra Dogs....each	0 14	16	20	25
No. 46..per dozen	13 10	14 40	16 25	23 10
Extra Dogs...each	14	16	20	25
No. 43..per dozen		11 75	13 25	18 85
No. 45.. "		12 85	14 55	20 65

VULCAN PIPE WRENCHES.

Nos.	11	12	13	13½	14	15
Each	$2 40	3 30	4 80	6 15	7 50	12 30

BROWN'S ADJUSTABLE PIPE TONGS.

Nos.	1½	2	3	4
Each	$0 90	1 00	1 45	3 25

STANWOOD'S PIPE CUTTERS.

Sizes	1	2	3
No. 45 ...each	$0 95	1 75	4 50

TRIMO PIPE CUTTERS.

Sizes	1	2	3
No. 55 ...each	$1 75	2 30	3 90
Extra Cutters ...each			$0 14

VICTOR PIPE WRENCHES.

Inches	6	8	10
No. 30 ...per dozen	$7 75	7 75	8 80
Inches	14	18	24
No. 30 ...per dozen	$11 65	15 55	23 30

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TONGS AND ANVIL TOOLS.

TONGS.

New page dated March 1, 1909.

No. 201—All sizes...per pound	$0 22
No. 202—All sizes ... "	20
No. 203—All sizes ... "	20

STRAIGHT LIP TONGS.

All numbers ...per pound	$0 12

HORSESHOERS' TONGS.

Nos.	0	00
Per dozen ...	$4 30	4 80

HEADING TOOLS.

All sizes ...per pound	$0 18

PUNCHES AND HARDIES.

Nos.	220	221	225
Per pound ...$0 18	18	18	

CUTTERS AND SET HAMMERS.

Nos.	226	227	228
Per pound ...$0 18	18	18	

FLATTERS, SWAGES AND FULLERS.

Nos.	229	230	231	232	233
Per pound ...$0 18	18	18	18	18	

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VISES.

New page dated March 1, 1909.

HAND.

Nos.	144	144½	95	1	1½	02	03
Dz.	$2 15	2 75	7 20	2 90	3 90	5 10	9 35

BONNEYS.

Nos.		04	9
Per dozen ...		$12 90	17 55
Nos.	112	113	114	118	121
Per dozen ...$3 50	5 10	7 00	14 00	18 70	

JERSEY.

Nos.	40½	42	44	46	48	52
Per dozen.	$7 20	8 80	10 80	14 40	16 80	22 80
Nos.	41	43	45½	47	49	53
Per dozen	$9 60	12 00	14 40	16 80	20 00	27 60
Nos.	56	57	58	59	61	
Per dozen ...	$12 00	14 40	18 00	22 40	30 00	
No. 10—Assortment	...per assortment				$21 00	

In a great many instances we have quoted discounts, for convenience, on lines which are sold at net prices. All such goods will be billed net.

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VISES.

New page dated March 1, 1909.

Nos.	30	31	32	33	34	0000
Each	$1 20	1 45	1 85	2 00	2 50	5 30
Nos.	100	200	300	62	63	64
Each	$6 25	8 15	10 30	3 90	4 55	5 50
Nos.	65	66	67	71	72	73
Each	$6 50	8 40	16 20	3 35	4 85	5 70
Nos.	74	75	2	2½	3	4	5
Each	$6 80	8 10	6 70	8 70	10 10	16 30	23 00
Nos.		6		19	19½	20	
Each				$28 80	8 15	10 10	12 00
Nos.				21	22	23	
Each					$18 25	25 90	33 60

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VISES.

New page dated March 1, 1909.

Nos.	370	371	372	373	375
Each	$6 20	6 70	9 60	13 40	23 00
Nos.	270	271	272	273	275
Each	$6 70	8 15	12 00	15 35	25 90
Nos.		87	88	7	8
Each		$8 65	10 80	5 22	6 50
Nos.			211	14	115
Each			$1 45	3 20	1 65

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WOODWORKERS' VISES.

New page dated March 1, 1909.

Nos.	17	10	220	24	123	4000
Each	$4 50	6 00	7 20	3 50	3 65	7 20
Pounds	35	40	45	50	55	60
Each	$4 50	4 80	5 00	5 20	5 45	5 95
Pounds	65	70	80	90	100	
Each	$6 35	6 90	7 95	9 10	10 00	

ANVIL AND VISES.

Nos.	03	120	130	140
Each	$1 25	4 30	5 30	6 25

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ANVILS, BELLOWS, ETC.

New page dated March 1, 1909.

Nos.	3	4	5	6	7
Per pound	$0 11	10	08¼	07¾	07½
Nos.		8	9	10	12	15
Per pound		$0 07	07	07	07	07

TRENTON FORGED ANVILS.

Stock sizes ...per pound	$0 11

BLACKSMITHS' APRONS.

No. 33 ...per dozen	$18 30
No. 36 ... "	22 50

WELDING COMPOUNDS.

No. 1—In 10 lb. boxes...per pound	$0 11
No. 1—In 5 lb. boxes ... "	11

TUYERE IRONS.

No. 3 ...each	$0 50
No. 4 ... "	60

BELLOWS.

No. 4—Inches.	7	8	9	10	12
Per dozen ...	$8 30	9 00	9 85	11 50	15 00
No. 100—Inches	24	26	28	30	32
Each ...	$3 90	4 25	4 70	5 05	5 40
No. 100—Inches ...	34	36	38	40	
Each ...	$6 30	6 90	7 80	8 95	
No. 200—Inches	32	34	36	38	40
Each ...	$6 90	7 70	8 50	9 70	11 35
No. 200—Inches.	42	44	46	48	50
Each ...	$13 80	16 20	18 25	20 20	24 30
No. 300—Inches.	32	34	36	38	40
Each ...	$9 20	10 25	11 35	12 95	15 10
No. 300—Inches.	42	44	46	48	50
Each ...	$18 35	21 60	24 30	27 00	32 40

BLACKSMITH DRILLS.

No. 012 ...each	$1 80

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BLACKSMITHS' BLOWERS.

New page dated March 1, 1909.

Nos.	1894	1898	1898½	1	
Each ...	$10 50	12 90	15 90	11 10	
Nos.	70	400	0	00	000
Each ...	$14 10	18 00	4 90	6 30	7 50

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PORTABLE FORGES.

New page dated March 1, 1909.

Nos.	150	151	152	153	8
Each ...	$5 10	6 00	5 40	6 30	10 50
Nos.	8½	5	85	87	05	06
Each ...	$11 70	10 80	8 90	11 40	9 85	10 80

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PORTABLE FORGES.

New page dated March 1, 1909.

Nos.	2	3	4	82
Each ...	$16 20	18 30	19 20	13 80
Nos.		83	1	1½
Each ...		$15 00	22 20	25 20
Nos.	81	81½	401	408
Each ...	18 60	20 65	18 90	34 20
Nos.		408½	409	409½
Each ...		$37 80	37 80	40 50

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PORTABLE FORGES AND TIRE SHRINKERS.

New page dated March 1, 1909.

PORTABLE FORGES.

Nos.	75	76	78	72	73
Each ...	$14 10	15 60	14 40	16 80	18 30
Nos.		71	21	22	23
Each ...		$23 40	6 30	6 90	7 68

Page

TIRE SHRINKERS.

Nos.	11	12
Each ...	$9 60	16 80

TIRE BENDERS.

Nos.	1	2
Each ...	$14 10	8 40

Page 173

POST DRILLS.

New page dated March 1, 1909.

Nos.	92	101	98	93½
Each ...	$4 50	6 60	7 20	8 40
Nos.	100	95	4	4BB
Each ...	$8 40	10 80	12 60	16 38
No. 5—Extra, for power...				$3 00

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POST DRILLS.

New page dated March 1, 1909.

Nos.	5	200½	200	201	203
Each ...	$21 00	26 00	20 40	32 40	44 40
No. 5—Extra, for power ...					$3 00
Nos. 200½ to 201—Tight or loose pulley ...					extra $3 00
No. 203—Cone Pulley and Counter Shaft ...					" 11 40

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POST DRILLS.

New page dated March 1, 1909.

Nos.	202	203½	25
Each ...	$60 00	60 00	41 90
No. 25—With Tight or Loose Pulley.each			$34.20
No. 25—For Hand only...			" 31 20
No. 203½—Cone Pulley and Counter Shaft ...			extra 11 40

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TOOL CHESTS AND WORK BENCHES.

New page dated March 1, 1909.

TOOL CHESTS.

Nos.	20	10	40	80
Each ...	$6 30	5 10	2 90	2 40

BENCHES.

Nos.	166	160	161	162	164	167
Each ...	$8 40	11 75	13 10	14 10	10 50	14 60

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TOOL CHESTS AND CABINETS.

New page dated March 1, 1909.

BOYS' TOOL CHESTS.

Nos. ...	45B	60B	90B	600B	700B
Per dozen ...	$3 00	5 70	8 10	11 40	13 20
Nos. ...	725B	750B	800B	220	
Per dozen ...	$15 90	18 60	26 10	64 80	

MEN'S TOOL CHESTS.

Nos. ...	500	200	300
Each ...	$4 50	9 60	7 80

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TOOL CABINETS AND CHESTS.

New page dated March 1, 1909.

Nos. ...	25	101	150
Each ...	$12 60	15 00	26 40

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WOOD WORKING MACHINERY.

New page dated March 1, 1909.

SCROLL SAWS.

Nos. ...	1	7	2	2B
Each ...	$3 60	14 40	17 30	19 20

COMBINED CIRCULAR AND SCROLL SAWS.

Nos. ...	25	26	27	28
Each ...	$33 60	4 80	9 60	48 00

CIRCULAR SAWS.

Nos. ...	14	4	5	6	7	8
Each ...	$38 40	62 40	66 30	10 20	10 20	10 20

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WOOD WORKING MACHINERY.

New page dated March 1, 1909.

MORTISERS.

Nos. ...	9	10	11
Each ...	$19 20	95	5 40

TENONING MACHINES.

No. 16 ...each	$24 00

FORMERS.

Nos. ...	21	22	23	24
Each ...	$19 20	95	45	2 85

LATHES.

Nos. ...	3C	3W	4	4½
Each ...	$38 40	24 00	52 00	76 50

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LATHES.

New page dated Oct. 1, 1909.

No. 5 ...each				$97 75
No. 5—Extra long bed...				" 102 65
Nos. ...	5½—5	5½—6	5½—7	5½—8
Each ...	$137 70	165 90	158 10	168 30
Nos. ...	5½—10	13—5	13—6	13—7
Each ...	$188 70	165 25	175 45	185 65
Nos. ...			13—8	13—10
Each ...				$195 85	216 25

GRINDING MACHINES.

No. 100 ...each	$17 30

POLISHING HEADS AND GRINDERS.

Nos. ...	10	1	2	3	4
Each ...	$1 00	2 55	5 40	8 40	11 40

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CORUNDUM AND EMERY WHEELS.

New page dated Oct. 1, 1909.

Corundum Wheels.....discount 50 per cent.
Emery Wheel ..... " 75 per cent.

GRAIN EMERY.

In 5-lb. packages.....per pound $0 07
In half kegs..... " 05¼
In full kegs..... " 05

EMERY FLOUR.

In 5-lb. packages.....per pound $0 06
In half kegs..... " 04½
In full kegs..... " 04

EMERY WHEEL DRESSERS.

Huntington .....per dozen $5 40
Extra Cutters .....per set 09

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OIL STONES.

New page dated Oct. 1, 1909.

Nos.	90	91	92	96	97	81
Per pound	$2 95	2 35	1 25	1 50	65	50
Nos.		70	71	61	51	52
Per pound		$0 40	30	16	08	07½

No. 200 .....per assortment $2 40

MOUNTED OIL STONES.

Nos.	906	907	716
Per dozen	$21 60	14 40	7 50
Nos.	717	726	727	905
Per dozen	$8 10	2 70	3 30	1 80

BEVELED OIL SLIPS.

Nos.	93	94	83	73	74	53
Per pound	$3 35	2 10	75	65	60	15

AXE STONES.

Nos.	76	55	56	45
Per pound	$0 18	09	06	10

No. 8 .....per dozen $1 80

SAND STONES.

No. 31 .....per pound $0 06
No. 32 .....per dozen 1 20

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OIL STONES AND SLIPS.

New page dated Oct. 1, 1909.

Nos.	3½	3	02	22	21	7
Per dozen	$1 70	3 00	3 90	4 30	4 30	1 70
Nos.	7½	04	102	103	129	130
Per dozen	$1 70	1 30	4 80	4 80	5 75	5 75
Nos.	100	101	108	109	104	105
Per dozen	$7 20	7 20	9 60	9 60	2 90	3 85
Nos.	124	125	115	116	117	118
Per doz.	$3 35	3 35	6 95	7 20	9 60	12 00
Nos.	30	2	1	01	001	84
Per dozen	$2 40	2 85	3 65	4 10	4 90	4 80

EMERY OIL SLIPS.

No. 4 .....per dozen $1 65
No. 07 ..... " 95

FAMILY GRINDSTONES.

Inches	7	8	9
Per dozen	$9 60	10 50	12 00

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TOOL GRINDERS AND ATTACHMENTS.

New page dated Oct. 1, 1909.

Nos.	14	11	12	7	6
Each	$1 80	1 50	1 65	erase	4 80
Nos.	16	36	18	30	5
Each	$6 90	8 70	3 30	5 70	1 80

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SCYTHE STONE ASSORTMENTS

New page dated Oct. 1, 1909.

No. A .....per assortment $5 70

SCYTHE STONES.

Nos.	50	66	62	64	76
Per gross	$3 85	5 80	4 80	5 40	8 10
Nos.	68	72	78	95	O.V.B.
Per gross	$7 20	7 60	9 60	8 10	12 00

SICKLE GRINDERS.

No. 8 .....each $3 30
Extra tool and bbl. shaped wheels.. " 55

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MOUNTED GRINDSTONES.

New page dated Oct. 1, 1909.

F. O. B. Chicago.

Nos.	Rev-o-noc	13	12	11
Each		$3 85	3 70	4 00	4 20

F. O. B. Quarry.

Nos.	Rev-o-noc	13	12	11
Each		$3 70	3 15	3 70	3 90

Remember that these are not our lowest prices, but are sufficiently accurate to enable you to take orders for goods not carried in stock.

Page

EXTRA PARTS FOR MOUNTED GRINDSTONES.

Shafts and nuts for Nos. 11, 12 and 13 Auto, and 21 Gem.....each $0 35
Cranks for Nos. 11, 12 and 13 Auto, and 21 and 22 Gem.....each 12
Pitman bearings for Nos. 11, 12 and 13 Auto .....each 12
Balls, in sets of nine for Nos. 11, 12 and 13 Auto and 21 Gem.....each 12
Shafts for No. 5 Schofield's..... " 30
Cranks for No. 5 Schofield's..... " 12
Shafts for No. 05 Schofield's..... " 30
Cranks for No. 05 Schofield's..... " 12
Shafts and nuts for Nos. 3, 2 and 1 Ohio ..... " 30
Shafts and nuts for No. 22 Gem.. " 30
Bearings for No. 21 Gem..... " 17
Bearings for No. 22 Gem..... " 08

SCHOFIELD MOUNTED GRINDSTONES.

F. O. B. Chicago.

No. 5 .....each $3 60
No. 05 ..... " 3 85

F. O. B. Quarry.

No. 5 .....each $3 35
No. 05 ..... " 3 60

GEM MOUNTED GRINDSTONES.

F. O. B. Chicago.

Nos.	26	23	24	21	25	19
Each	$2 90	3 10	3 35	3 10	3 35	3 60

F. O. B. Quarry.

Nos.	26	23	24	21	25	19
Each	$2 70	2 95	3 10	2 95	3 15	3 35

OHIO MOUNTED GRINDSTONES.

F. O. B. Chicago.

Nos.	3	2	1
Each	$3 00	3 15	3 40

F. O. B. Quarry.

Nos.	3	2	1
Each	$2 80	2 95	3 10

We can furnish Ohio mounted with ball bearing fixtures at an advance of 30 cents each.

LOOSE GRINDSTONES.

F. O. B. Chicago.

40 to 200 lbs.....per ton $24.00
Less than 40 lbs..... " 25 20
More than 200 lbs..... " 30 00

F. O. B. Quarry.

40 to 200 lbs.....per ton $19 80
Less than 40 lbs..... " 21 60
More than 200 lbs..... " 24 00

GRINDSTONE FIXTURES.

Inches	15	17	19	21	24
Per dozen	$4 00	4 20	4 80	5 40	6 30

Extra cranks .....per dozen $0 85
Extra shafts, with nuts..... " 1 80
Extra flanges or washers..... " .60
Extra nuts for common grindstone shafts ..... " 60
No. 2 Giant ..... " 6 30

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FLINT AND EMERY PAPER AND CLOTH.

New page dated Oct 1, 1909.

REVONOC FLINT PAPER IN SHEETS.

Nos.	4-0 to ½	1	1½	2	2½	3	3½
Per ream.	$3 35	3 65	3 90	4 15	4 45	5 10	5 80
Per quire.	17	18	19	20	24	27	30

Assorted ..... per ream $3 90

REVONOC GARNET PAPER IN SHEETS.

Nos.	4-0 to ½	1	1½	2	2½	3	3½
Per ream.	$5 85	6 30	6 75	7 20	7 65	8 75	9 90
Per quire.	30	32	36	38	40	45	50

Assorted .....per ream $6 75

REVONOC EMERY PAPER IN SHEETS.

Nos.	3-0 to ½	1	1½	2	2½	3	3½
Per rm.	$5 50	6 55	6 85	7 25	8 20	9 80	11 40
Per qr.	28	33	36	38	42	50	60

Assorted .....per ream $6 15

REVONOC EMERY CLOTH IN SHEETS.

Nos.	FF to ½	1	1½	2	2½	3
Per ream	$14 30	15 40	16 05	16 35	17 55	19 02
Per quire	72	84	85	87	90	1 00

Assorted .....per ream $15 40

REVONOC CROCUS CLOTH IN SHEETS.

Per ream $14 30
Per quire 75

MARICOPA FLINT PAPER IN SHEETS.

Nos.	00	0	½	1	1½
Per ream	$2 65	2 65	2 65	2 80	3 15
Nos.	2	2½	3	Asstd.	
Per ream	$3 25	3 50	4 00	3 05	

B. & A. FLINT PAPER IN SHEETS.

Nos.	00 to ½	1	1½	2	2½	3
Per ream.	$3 55	3 85	4 15	4 30	4 70	5 40
Per quire.	18	19	20	21	25	28

Assorted .....per ream $4 15

Page

B. & A. GARNET PAPER IN SHEETS.

Nos.	00 to ½	1	1½	2	2½	3
Per ream.	$6 25	6 72	7 20	7 70	8 15	9 35
Per quire.	32	36	38	40	42	49

B. & A. EMERY PAPER IN SHEETS

Nos.	00 to ½	1	1½	2	2½	3
Per ream	$5 80	6 90	7 20	8 00	8 80	10 35
Per quire	29	37	38	40	46	55

B. & A. EMERY CLOTH IN SHEETS.

Nos.	00 to ½	1	1½	2	2½	3
Per ream.	$15 10	16 25	16 95	17 55	18 80	20 10
Per quire	78	85	88	90	1 00	1 05

B. & A. CROCUS CLOTH IN SHEETS.

Per ream $15 10
Per quire 78

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FLINT AND EMERY PAPER AND CLOTH.

New page dated Oct. 1, 1909.

REVONOC IN ROLLS.

Flint paper .....discount 40-5 per cent.
Flint cloth ..... " 40-5 per cent.
Emery paper ..... " 40-5 per cent.
Garnet paper ..... " 5 per cent.
Garnet cloth ..... " 5 per cent.
Emery cloth ..... " 40-5 per cent.

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NAIL PULLERS, BOX SCRAPERS, BUNG BORERS, ETC.

New page dated Oct. 1, 1909.

NAIL PULLERS.

Nos.	91	2	1½	1
Per dozen	$7 20	10 20	11 30	12 00

BOX CHISELS.

Inches	10	12	14
No. 1	per dozen $2 75	3 05	3 25
No. 2	" 3 00	3 70	4 45

CRATE OPENERS.

O. V. B.....per dozen $7 20
No. 328 ..... " 6 00

BARREL HEADERS.

No. 10 .....per dozen $14 40

BOX SCRAPERS.

Nos.	60	50	70	180
Per dozen	$3 00	5 10	4 30	4 50

Extra Blades for No. 70.....per dozen $1 20

BOX, COTTON AND HAY HOOKS.

Nos.	1	3	5	7	4
Per dozen	$1 45	1 80	1 90	2 50	2 40

NAIL CLAWS.

No. 5 .....per dozen $5 05

BUNG BORERS.

Inches	1½	1¾	2
No. 12	per dozen $7 20	8 30	9 70
No. 1	per dozen $14 40		
No. 2	"		19 95

CARPENTERS' APRONS.

Nos.	1	2	3
Per dozen	$2 50	5 10	3 60

We can also furnish No. 1 Carpenters' Aprons stenciled with customers' advertisement, at the following prices:

No. 1—In lots of 25 or more.....per 100 $21 60
No. 1—In lots of 50 or more..... " 20 10
No. 1—In lots of 100 or more..... " 18 90

We cannot furnish any other numbers stenciled.

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CEMENT TOOLS.

New page dated March 1, 1909.

TUCK POINTERS.

Nos.	1	2	3
Per dozen	$4 80	5 05	5 15

SIDEWALK JOINTER.

No. 125 .....per dozen $21 00

GROOVERS.

Nos.	10	13	130	110	17
Per dozen	$4 95	5 40	10 80	9 40	7 65
Nos.	170	12	120	15	16	14
Per doz.	$10.80	4 95	9 40	7 20	7 20	5 40

SIDEWALK EDGERS.

Nos.	01	02	010	020
Per dozen	$4 90	5 40	9 40	10 80

BEADING TOOLS.

Nos.	11	12	13	14
Per dozen	$4 30	4 20	4 10	4 00

SIDEWALK ROLLERS.

Nos.	6	7	27	107
Per dozen	$75 60	92 40	43 20	113 40

CEMENT TAMPERS.

Nos.	30	40	4	5
Per dozen	$5 90	8 05	9 75	11 90

BRICK SETS.

Nos.	55	65
Per dozen	$6 30	6 50

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TROWELS.

New page dated March 1, 1909.

BRICK.

No. 30—Blade, in...	10	10½	11	11½
Per dozen	$13 70	14 10	14 65	15 30
No. 31—Blade, in.....	10	11	11½	12
Per dozen	$8 40	9 25	9 65	10 00
Roses—Blade, in.	10	10½	11	
Per dozen	$11 10	11 55	11 95	
Roses—Blade, in.	11½	12	13	
Per dozen	$12 40	12 80	13 60	
Brades—Blade, in...	10	11	11½	12
Per dozen	$11 00	12 00	12 50	13 00
Disstons'—Blade, in.	10	11	11½	12 13
Per dozen	$8 35	9 15	9 55	10 00 11 25
American—Blade, in.	9		10	11
Per dozen	$4 50	5 15	5 65	
American—Blade, in.	11½	12	13	
Per dozen	$5 95	6 25	7 20	
Farmers, 10 in.	per dozen			$1 80

POINTING.

No. 42—Blade, in.	4½	5	5½	6
Per dozen	$2 75	2 90	3 10	3 20
American—Blade, in.	4	4½	5	6
Per dozen	$2 30	2 35	2 40	2 65
No. 21	per dozen			$9 85

PLASTERING.

O. V. B.—Length, in...	10½	11	11½	12
Per dozen	$11 10	11 40	11 70	12 00
No. 4—All sizes	per dozen			$21 60
No. 5—All sizes	"			21 60
No. 14—All sizes	"			erase

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TROWELS, HAWKS, ETC.

New page dated March 1, 1909.

PLASTERING TROWELS.

No. 3—Inches	10½	11	11½	12
Per dozen	$13 00	13 30	13 75	14 20
No. 1—Inches	10	11	11½	12
Per dozen	$12 20	13 75	14 90	16 40
No. 2—Inches	10	11	11½	12
Per dozen	$10 90	12 00	12 85	14 00

WOODROUGH & M'PARLIN'S.

Length	10½	11	11½	12
Per dozen	$11 25	11 80	12 15	12 60

AMERICAN.

Length	10	11	11½	12
Per dozen	$5 20	6 00	6 35	7 20
No. 07—Farmers'	per dozen			$3 40

CORNER TROWELS.

6 in.—American ..... per dozen $5 40

HAWKS.

Nos.	1	2	3	11
Per dozen	$26 40	27 19	28 00	9 90

DARBIES.

No. 2 ..... per dozen $33 60

PLASTERERS' CORKS.

Nos.	5	6
Per dozen	$6 00	7 20

TOOL BAGS.

Inches	18	20	22	24
Per dozen	$19 80	21 60	26 00	26 40

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GOLD HIBBARD "O. V. B." SHOVELS AND SPADES.

New page dated March 1, 1908.

Nos.	11½	12	11¾	29
Per dozen	$10 35	10 35	11 50	10 35
Nos.	42		51	19
Per dozen	$10 35		10 35	10 35
Nos.	38	78	112	142
Per dozen	$10 35	10 95	10 35	10 35
Nos.	107		77	77½
Per dozen	$10 35		10 95	10 95

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SHOVELS AND SPADES.

New page dated March 1, 1908.

Nos.	13	13¾	13½	3	3½
Per dozen	$8 65	8 65	10 95	8 65	8 90
Nos.	4	30	32	33½	43 57
Per doz.	$9 20	8 65	8 65	8 65	8 65 9 80
Nos.	52	113	143	17	17½ 17¾
Per dozen	$8 65	8 65	8 65	7 50	7 20 7 20
Nos.	27	47	58	48	116 146
Per dozen	$7 50	7 50	7 50	7 50	7 50 7 50

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SHOVELS AND SPADES.

New page dated March 1, 1908.

Nos.	14	214	314	31	231
Per dozen	$6 35	6 90	7 20	6 35	6 90
Nos.	331	44	44½	53	333
Per dozen	$7 20	6 35	6 35	6 35	7 20
Nos.	53½	114	144	15	16
Per dozen	$7 50	6 35	6 35	11 75	12 45
Nos.	10	11	26	41	50 59
Dz.	$11 75	12 45	12 95	12 45	12 45 10 80
Nos.	60	343	18	111	141 87
Dz.	Erase	12 45	11 75	12 45	12 45 16 05

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SHOVELS AND SPADES.

New page dated March 1, 1908.

Nos.	80	281	381	481	670
Per dozen	$7 20	5 75	6 05	6 35	8 40
Nos.	282	382	284	484	283
Per dozen	$5 75	6 05	5 75	6 35	5 75
Nos.	285	286	291	292	294
Per dozen	$5 75	5 75	10 80	10 80	10 80
Nos.	293	293½	295	296	68
Per dozen	$10 80	10 80	10 80	10 80	8 35
Nos.	69	69½	70	052	
Per dozen	$8 35	7 75	7 75	8 65	

SPADE STEPS.

No. 1	per dozen	$1 15
No. 2	"	1 05

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SHOVELS AND SCOOPS.

New page dated March 1, 1908.

Nos.	171	172	173	181
Per dozen	$5 75	6 05	6 35	6 05
Nos.	182	183	185	L181
Per dozen	$6 35	6 60	7 50	6 05

GOLD'S D. HANDLE SHOVELS.

Nos.	4	5	6	7	8
Per dozen	$7 20	7 50	7 75	8 05	8 35

AMES' D. HANDLE SHOVELS.

Nos.	3	4	5	6	7 8
Dz.	$12 20	12 70	13 65	14 60	15 35 16 30

AJAX D. HANDLE SHOVELS.

Nos.	3	4	5	6
Per dozen	$5 75	6 05	6 35	6 60

AMES' GRAIN SCOOPS.

Nos.	2	3	4	5	6
Per dozen	$13 65	13 90	14 40	14 65	15 20
Nos.	7P	7R	8	9	10
Per dozen	$15 65	16 70	16 20	16 95	17 70

CONOVER SCOOPS.

Nos.	2	3	4	5	6
Per dozen	$6 60	6 90	7 20	7 60	7 90
Nos.	7	8	9	10	12
Per dozen	$8 35	10 65	10 95	11 20	11 80

GRAVES' SCOOPS.

Nos. 1, 2, 3, 4 and 5 ..... erase

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SCOOPS.

New page dated March 1, 1908.

Nos.	0102	0103	0104	0105	0106
Per dozen	$6 60	6 90	7 20	7 60	7 90
Nos.	0107	0108	0109	0154	0155
Per dozen	$8 40	8 75	9 20	7 20	7 60
Nos.	0156	0157	0158	0159	0160
Per dozen	$7 90	9 60	9 95	9 20	9 60
Nos.	0162	83	85	86	87
Per dozen	$10 20	8 40	9 00	9 30	9 60

LOCOMOTIVE SCOOPS.

Nos.	2	3	4	5
Per dozen	$7 20	7 60	7 80	8 10
No. 5—Furnace	per dozen			$5 70
No. 75—Furnace	"			5 70
Climax Ash	"			5 40

BARN SCOOPS.

No. 3	per dozen	$9 30
No. 03	"	7 20

TRIMMER OR BAG SCOOPS.

No. 2	per dozen	$8 90
No. 3	"	9 10

HERCULES SCOOPS.

No. 21	per dozen	$12 00
No. 22	"	15 00

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POST DRAIN, DITCHING AND TILING SPADES.

New page dated March 1, 1908.

Sizes, inches	14	16	18	20	22
No. 100, per doz.	12 35	12 60	12 90	13 20	
No. 94, "	$12 00	12 30	12 60	12 90	13 20
No. 91, "	12 30	12 60	12 90	13 20	

CRUSO POST SPADES.

Blade, inches	14	16	18	
Per dozen	$9 30	10 60	10 90	

CRUSO DITCHING SPADES.

Blade, inches	14	16	18
Per dozen	$9 30	10 60	10 90

POST AND DITCHING SPADES.

Sizes, inches	14	16	18	20	22
No. 101 per doz.	$10 80	11 10	11 30	11 70	12 00
No. 102 "	13 70	14 10	14 40	14 75	
No. 104 "	10 80	11 10	11 30	11 70	12 00
No. 92 "	11 10	11 40	11 70	12 00	

TILING SPADES.

Nos.	1	2	3	4	5	418
Per doz.	$23 30	23 30	25 25	25 25	25 25	25 20
Nos.	420	422	618	620	622	
Per dozen	$25 20	25 20	26 40	26 40	26 00	

DRAIN CLEANERS.

Nos.	4	5	6	7	8
Per dozen	$8 65	8 90	9 00	9 40	9 60

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POST HOLE DIGGERS, AUGERS AND AUGER PARTS.

New page dated March 1, 1910.

POST HOLE DIGGERS.

Nos.	18-O.V.B.	12	12H	13
Per dozen	$12 00	8 40	1 90	9 90
Nos.	14	14H	17	11
Per dozen	$11 40	1 90	10 20	7 20

POST HOLE AUGERS.

Nos.	56	57	58	59
Per dozen	$14 40	14 40	14 40	14 40
Nos.	61	62	63	
Per dozen	$20 15	21 60	21 60	
Nos.	64 65	24 26	27 28	29
Per doz.	$23 05	25 90	8 40	8 40 8 40 8 40 8 40

Extra Blades for Iwan's.

Nos.	B6	B7	B8	B9	B10
Per dozen	$4 60	5 75	5 75	6 90	8 05

VAUGHAN'S AUGER PARTS.

Nos.	1	2	3	4
Each	$0 42	18	18	48

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SOLID SOCKET PEAVIES.

New page dated Oct. 1, 1909.

Length, ft.	4½	5	5½	
No. 25	per dozen	$14 70	15 00	15 30
No. 26	"			18 00
No. 28	"		16 80	17 30
No. 21	"	14 40	15 00	

Shipped from Factory Only.

Length, ft.	4½	5	5½
No. 13	per dozen	$14 70	15 00 15 30

LUMBERMEN'S PEAVIES.

Length, ft.	4½	5
No. 1	per dozen	$16 80 17 40

RAFTING PEAVIES.

Factory Shipment Only.

Length, ft.	4½	5	5½	6	
No. 313	dozen	$18 30	18 75	19 20	19 80
No. 314	"	20 90	21 35	21 90	22 35
No. 315	"		26 00	24 35	24 85
No. 318	"	19 90	21 24		29 90
No. 319	"	22 45	23 05	23 40	
No. 320	"		25 35	25 95	26 40

PIKE POLES.

Nos.	134	135	136	
Per dozen	$14 40	17 30	21 30	
Length, ft.	4	4½	5	
No. 68	per dozen	$	13 20	13 50
No. 69	"		13 80	15 60
No. 83	"	12 00	12 00	12 30
No. 84	"		13 80	14 40
No. 87	"		13 75	14 40
No. 88	"		15 90	16 30
No. 107	"		11 40	11 80

PEAVY AND CAUT HOOK HANDLES.

Length, ft.	4	4½	5	5½	
No. 251	per dozen	$2 50	2 75	3 10	3 35
No. 252	"		3 75	4 16	4 50
No. 257	"	5 50	6 00	6 50	
No. 258	"		7 20	7 60	

PIKE POLE HANDLES.

Length, ft.	12	14	16
No. 217	per dozen	$8 65	10 50 13 20

TIMBER GRAPPLES.

No. 125	per dozen	$15 00
No. 220—Handles	"	3 35

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SWAMP AND LOADING HOOKS.

New page dated Oct. 1, 1909.

No. 156	per dozen	$14 40
No. 158	"	7 20

BARK SPUDS.

No. 139 ..... per dozen $9 60

SKIDDING TONGS.

Nos.	357	150	273
Per dozen pairs	$42 60	46 80	56 40

DUCK BILL HOOKS.

Nos.	172	385	386
Per dozen	$6 85	9 35	11 30

CANT HOOK CLASPS.

Nos.	180	181	183	184
Per dozen	$4 20	4 50	2 70	3 10

LOADING AND SNATCH BLOCKS.

Nos.	163	226	297	298	164
Per dozen	$13 45	13 45	14 10	14 10	21 30

TOE RINGS.

Nos.	186	187	188
Per dozen	$1 60	80	1 35

EXTRA PARTS FOR PIKE POLES.

No. 205	per dozen	$5 40
No. 207	per dozen sets	2 45

HOOKAROON PICKS.

No. 377 ..... per dozen $4 35

SWIVEL HOOKS AND RINGS.

No. 378	per dozen	$6 35
No. 379	"	6 35

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HAY AND HEADER FORKS.

New page dated March 1, 1908.

Handles, ft.	4	4½	5	5½	6
No. 10—Per dz.	$4 75	4 75	4 95	5 15	
No. 12— "	5 10	5 10	5 25	5 40	
No. 212— "	5 10	5 10	Erase		
No. 012— "	4 65	4 65	4 90	5 00	
No. 20— "		4 20			
No. 13— "	5 85	5 85	5 90	6 20	6 45
No. 213— "	5 85	5 85	5 90	6 25	6 45
No. 013— "	5 45	5 45	5 60	5 80	6 30
No. 14— "	4 35	4 35	5 50	5 65	5 95
No. 214— "	5 55	5 55	5 75		
No. 2140— "	5 50	5 50			
No. 014— "	4 90	4 90	5 10	5 20	
No. 15— "	6 10	6 10	6 30	6 50	6 70
No. 215— "	6 10	6 10	6 30	6 50	6 70
No. 015— "	5 70	5 70	5 85	6 10	
No. 17— "	6 80	6 80	6 95	7 20	7 40
No. 217— "	6 80	6 80	6 95	7 20	
No. 017— "	6 20	6 20	6 40	6 60	
No. 154— "		7 30	7 50	7 70	erase
No. 18— "		8 60	8 70	8 95	9 20

No. 13—S ft. handles .....per dozen $8 60
No. 214—3½ ft. handles..... " erase
No. 15—3½ ft. handles ..... " 6 10

226 HEADER, BALES AND BARLEY FORKS.

New page dated March 1, 1908.

Handles, ft.	4	4½	5	5½	6
No. 181—Per doz.	$7 80	7 80	8 00		
No. 182— "		8 60	8 70	9 00	9 20
No. 183— "		9 40	9 60	9 70	
No. 144— "	9 70	9 70	9 90		
No. 185— "		7 80	8 00	8 20	
No. 160— "		5 70			
No. 165— "			9 60		
No. 124— "			9 90	10 00	
No. 134— "			10 60		
No. 125— "			13 20		

No. 225—Mal. D. Hdl.....per dozen $13 45
Erase Nos. 187, 184 and 186, Hay Forks, from Catalog.

227 BARLEY AND MANURE FORKS.

New page dated March 1, 1908.

Nos.	14	16	21	221	021
Per dozen	$6 60	7 75	6 15	6 15	5 60
Nos.	0021	22	222	022	0022
Per dozen	$5 00	6 90	6 90	6 30	5 80
Nos.	122	23	223	24	224	024
Per dozen	$6 90	8 70	8 70	9 00	9 00	8 40
Nos.	25	225	025	26	226	026
Per dozen	$9 55	9 55	9 00	10 20	10 30	9 65
Nos.	27	227	027	28	228	028
Per dozen	$6 90	6 90	6 25	8 35	8 25	7 00
Nos.	29	229	30	230	31	231
Per dozen	$8 75	8 75	9 40	9 40	10 10	10 10
Nos.	32	232	32½	232½	33	33½
Per doz.	$10 70	10 70	17 10	Erase	15 81	15 81

228 SPADING FORKS, POTATO AND MANURE HOOKS.

New page dated March 1, 1908.

Nos.	42	242	042	40	41
Per dozen	$7 90	7 90	6 60	7 40	7 95
Nos.	43	243	043	44	45
Per dozen	$7 90	7 90	7 20	7 35	7 75
Nos.	51	45½	50	46	47	14
Per doz.	$10.75	7 60	10 00	8 00	8 60	5 00
Nos.	16	24	25	15	26	34
Per dozen	$6 65	4 85	6 10	6 10	6 55	5 90

229 FORKS.

New page dated March 1, 1908.

Nos.	708	710	712	1	2
Per dozen	$14 90	17 85	20 85	15 00	13 50
Nos.	608	610	807	310	312
Per dozen	$14 90	17 85	14 90	17 75	20 85
Nos.	408	410	412	110	112	114
Per doz.	$14 90	18 60	21 55	17 85	20 80	24 55
Nos.	114½	116	212½	214½	216	306
Per doz.	Erase	29 75	21 55	24 55	29 75	16 35

230 RAKES.

New page dated March 1, 1908.

Nos.	112	114	116	212	214
Per dozen	$6 10	6 55	7 05	3 35	3 60
Nos.	216	12	14	16	310
Per dozen	$3 90	3 10	3 35	3 60	1 80
Nos.	312	314	316	416	O	WX
Per doz.	$1 95	2 10	2 25	6 60	2 40	2 65
Nos.	WXXX	20	11	25	36	26
Per doz.	Erase	3 60	2 90	4 20	6 95	5 50

231 HOES.

New page dated March 1, 1910.

Nos.	10	12	13	14	15
Per dozen	$6 00	4 75	4 35	4 25	3 80
Nos.	16	17	19	19½	
Per dozen	$3 30	3 90	1 80	1 90	
Nos.	23	24	26	22	
Per dozen	$3 25	4 90	5 45	4 45	

The discounts quoted are based on the lists printed in our catalogue. In a great many instances the goods are sold net and will be so billed.

Page

PLANTERS.

No. 20—Inches.	7	7½	8	8½	9
Per dozen	$4 10	4 45	4 60	4 80	5 10

With riveted handles, extra.....per dozen $0 25

No. 30—Inches	6½	7	7½	8	8½
Per dozen	$3 60	3 70	3 85	4 20	4 45

With riveted handles, extra.....per dozen $0 25

No. 38—Inches	8	8½	9	10
Per dozen	$4 00	4 20	4 35	4 75

With riveted handles, extra.....per dozen $0 25

No. 32—Inches	8	8½	9	10
Per dozen	$3 90	4 00	4 15	4 50

With riveted handles, extra.....per dozen $0 25

No. 33—Inches	8	8½	9	10
Per dozen	$4 30	4 45	4 55	4 90

With riveted handles, extra.....per dozen $0 25

232 HOES.

New page dated March 1, 1910.

Nos.	18	100	18½	180	620
Per dozen	$6 50	6 50	7 15	7 15	7 35
Nos.	25	6	4	3	2	87
Per doz.	$6 10	2 10	1 90	4 70	5 35	1 90
Nos.	80	0	1	2		
Per dozen	$5 70	2 75	2 90	3 10		
Nos.	3	4	5	6	7-0	
Per dozen	$3 35	3 60	3 85	4 10	3 90	
Nos.	8-0	4-0	3-0	2-0	6-0	
Per dozen	$3 90	4 55	4 80	5 10	5 10	

233 GARDEN TOOLS.

New page dated March 1, 1910.

Cultivator Hoes.

No. 136 .....per dozen $8 40
No. 137..... " 8 40

Garden Forks.

No. 10 .....per dozen $0 70
No. 115 ..... " 3 00

Garden Trowels.

Nos.	6	7	8	20	22	24
Per doz.	$0 50	55	65	60	1 00	1 00
Nos.	26	1	2	216	217	2180
Per dozen	$2 10	2 70	4 80	60	1 20	3 75

234 GARDEN TOOLS.

New page dated March 1, 1910.

Weeders.

Nos.	30	8	33	35	36	7	39
Per doz.	$0 65	1 00	2 55	2 40	3 00	7 20	7 20

Dandelion Spuds.

No. 37 .....per dozen $1 20

Thistle Cutters.

No. 82 .....per dozen $5 20

Turf Edgers, Etc.

Nos.	95	1	Finch.
Per dozen	$5 10	7 80	9 60

235 GRASS HOOKS, SICKLES AND HAY KNIVES.

New page dated March 1, 1910.

GRASS HOOKS.

Nos.	2	3	1	6	13
Per dozen	$2 00	2 10	2 15	3 60	3 60

GRAIN SICKLES.

Nos.	2	3	4
Per dozen	$1 90	2 15	2 40

GRASS SHEARS.

Nos.	1251	1261	1263	2000
Per dozen	$2 05	2 80	3 30	7 20

HAY KNIVES.

Nos.	2	7	4	5	6
Per dozen	$6 60	10 50	9 00	9 60	10 20

Square Section for No. 7.....per dozen $2 10
Point Section for No. 7..... " 2 60
Extra Section for No. 4..... " 1 80

236 SCYTHES, SNATHS AND CRADLES.

New page dated March 1, 1910.

GRASS SCYTHES.

Golden Clipper .....per dozen $8 40
"O. V. B." Dutchman..... " 9 00
U. S. A. ..... " erase
U. S. A. Dutch Heel..... " erase

GRAIN SCYTHES.

Golden Clipper .....per dozen $11 40

WEED SCYTHES.

"O. V. B." .....per dozen $9 00
Rev-o-noc ..... " 8 70

BUSH SCYTHES.

"O. V. B." .....per dozen $9 00
Rev-o-noc ..... " 8 70

GRASS SNATHS.

No. 00 .....per dozen $5 75
Loop Bolts ..... " 85
Wrenches ..... " 25

BUSH SNATHS.

No. 10 .....per dozen $6 35
Rings ..... " 30
Wedges ..... " 30
No. XX ..... " 7 80
Loop Bolts ..... " 90

Page

GRAIN CRADLES.

Nos.	7	8	5
Per dozen	$30 00	30 00	33 60

No. 1—Cradle fingers .....per dozen $0 90

237 HAY CARRIERS.

New page dated March 1, 1908.

MYERS' CLOVER LEAF.

No. 1031 .....each $4 40
No. 1032 ..... " 4 40
No. 644 .....per foot $0 15
No. 302 .....per dozen 80
No. 824 .....per foot 1 45

MYERS' IMPERIAL.

No. 1038 .....each $4 40
No. 518 .....per foot 15
No. 517 .....per dozen 1 45
No. 519 ..... " 80

238 HAY CARRIERS.

New page dated March 1, 1908.

MYERS' RIGHT ANGLE.

No. 1173 .....each $6 90
No. 1175 ..... " 6 90
No. 644 .....per foot 15
No. 302 .....per dozen 80
No. 824 ..... " 1 45

MYERS' IMPERIAL.

No. 1039 .....each $4 00
No. 267 .....per dozen 55
No. 268 ..... " 70
No. 301 ..... " 35

239 HAY CARRIERS AND PULLERS.

New page dated March 1, 1908.

No. 1043 .....each $4 00
No. 431 .....per dozen 1 70
No. 432 ..... " 2 30
Cable .....per foot 03
No. 1052 .....each 1 70
No. 806 ..... " 1 70

240 HAYING TOOLS.

New page dated March 1, 1908.

FORKS AND SLINGS.

Nos.	1	2	3	617
Each	$0 95	1 15	1 85	3 95
Nos.	619	622	620	
Each	$4 90	55	1 85	
Nos.	625	621	H50	103
Each	$2 15	2 90	55	30
Nos.	104	201	H258	
Each	$0 30	30	30	

HOOKS AND SNATCH BLOCKS.

Nos.	50	60	376	628	472
Per dozen	$0 55	75	1 85	6 30	11 00

241 HAY FORK PULLEYS.

New page dated March 1, 1908.

Nos.	36	15	26	046	1133
Per dozen	$2 45	2 00	2 00	2 45	2 30
Nos.	1120	189	H254	1062	
Per dozen	$2 85	4 60	6 90	8 15	

Ex. Wood Wheels for Nos. 26 and 36.per dz. $0 90

243 LITTER CARRIERS AND PARTS.

F. O. B. Factory, Harvard, Ill.

New page dated March 1, 1909.
Entire page .....discount 40 per cent.

244 LITTER CARRIERS AND PARTS.

F. O. B. Factory, Harvard, Ill.

New page dated March 1, 1909.
Entire page .....discount 40 per cent.

251 TOOL RACKS AND TOOL BRACKETS.

New page dated March 1, 1907.

Nos.	23	22	21	3, 1&2
Per dozen	$3 60	4 80	5 40	4 80

Nos. 3, 1 and 2, F. O. B. Chicago only.

F. O. B. Jackson, Mich., Only.

Nos.	2	2R	01	1
Each	$21 30	22 80	22 80	28 50

252 CORN KNIVES.

New page dated March 1, 1907.

Nos.	4	1	65	10	5
Per dozen	$2 05	2 20	2 70	3 90	2 70
Nos.	6	7	2&3		
Per dozen	$2 70	2 70	3 60		

CORN HOOKS.

Nos.	21	11	31	25	20	26
Per dozen	$1 50	Erase	3 00	2 70	2 60	3 15

253 HEDGE KNIVES.

Nos.	10	22	12	11
Per dozen	$4 20	7 20	7 50	9 60

BUSH HOOKS.

Nos.	1	2	3
Per dozen	$8 10	9 90	8 40

254 PRUNING SHEARS.

New page dated March 1, 1905.

Nos.	14	012	12	0	01	109	110
Per dozen	$3 60	3 75	4 30	2 00	3 10	4 50	5 70
Nos.	25	120	130	148	148½	149	
Per dozen erase	$8 40	9 60	16 50	17 70	18 60		

Extra Springs.

Spiral .....per dozen $0 35
Volute ..... " 85

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PRUNING AND HEAD SHEARS.

New page dated Oct. 1, 1909.

Nos.	9½	11	151	152
Per dozen	$9 00	12 30	16 20	16 50
Nos.	1	2	3	4
Per dozen	$7 20	7 80	17 10	20 40
Cut	5½	8	9	10
No. 107	per pair $1 20			
No. 101	"	1 20	1 45	1 75

TOBACCO HATCHET AND BEET KNIVES

Nos.	12	10	11	163	12	3
Per dozen	$3 30	4 20	3 30	4 20	3 90	2 70

TREE PRUNERS.

Feet	4	6	8	10	12
No. 50 per doz.	$6 00	6 90	7 50	7 80	8 40
No. 60 "		9 70	10 80	11 90	
Extra Blades for No. 50	per dozen $1 20				
Extra Blades for No. 60	"	2 70			

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HANDLES.

New page dated Oct. 1, 1909.

Nos.	040	042	045	060	030
Per dozen	$5 10	5 10	5 10	5 10	3 05
Nos.	046	N013	N014	02	06
Per dozen	$3 05	90	90	90	1 25
Nos.	70	75	80	85	90
Per dozen	$2 90	2 90	2 90	2 90	2 90

256A REV-O-NOC HICKORY HANDLES.

New page dated Oct. 1, 1909.

Nos.	55	40	45	65	60
Per dozen	$4 20	4 20	4 20	4 20	4 20
Nos.	30	32	34	36	N12
Per dozen	$2 70	2 70	3 00	3 00	90
Nos.	N13	N14	N15	F14	RE14
Per dozen	$0 90	90	90	90	90
Nos.	R12	R13	R15	M14	M16
Per dozen	$0 90	90	90	90	1 00
Nos.	M18	M20	B16	B18	B20
Per dozen	$1 15	1 40	1 00	1 15	1 40
Nos.	B22	B24	SM16	S15	1
Per dozen	$1 80	2 10	1 00	90	90
Nos	2	3	4	5	
Per dozen	$0 90	90	1 00	1 00	
Nos.	6	7	8	9	
Per dozen	$1 30	1 50	95	1 75	

256B HIB-SPE-BAR HANDLES.

New page dated Oct. 1, 1909.

Nos.	11½	11¼	11	22	77
Per dozen	$2 90	2 30	2 90	2 90	2 90
Nos.	33	88	99	44½	44
Per dozen	$2 90	2 90	2 90	2 90	2 90
Nos.	66	111	144	128	115	116
Per doz.	$2 90	2 30	2 30	3 30	3 30	3 30
Nos.	117	118	119	121	124	130
Per doz.	$3 60	2 90	2 90	2 40	1 55	1 75
Nos.	138	134	136	N113	N114	102
Per doz.	$1 75	1 90	1 90	75	75	75

257 HANDLES.

New page dated Oct. 1, 1909.

Nos.	240X	260	217	218	219
Per dozen	$2 05	2 05	2 50	1 45	1 90
Nos.	230X	236X	N213	N214	N215
Per dozen	$1 40	1 62	55	55	55
Nos.	R212	R213	R215	M214	M216
Per dozen	$0 55	55	55	55	60
Nos.	M218	M220	SM216	S215	B216
Per dozen	$0 70	85	60	55	60
Nos.	B218	B220	B222	B224	201
Per dozen	$0 70	85	95	1 10	55
Nos.	202	203	206	207	C340	C360
Per dozen	$0 55	55	70	85	1 60	1 60
Nos.	C317	C318	C330	C336	C321	C323
Per dozen	$1 90	1 40	1 10	1 30	2 00	1 55

258 HAY FORK HANDLES.

New page dated Oct. 1, 1909.

Nos.	14	14½	15	15½	16
Per dozen	$1 25	1 30	1 50	1 75	2 00
Nos.	24	24½	25	25½	26
Per dozen	$1 75	1 80	2 05	2 30	2 65
Nos.	34½	35	35½	36	
Per dozen	$2 85	3 05	3 25	3 50	
Nos.	44	44½	45	45½	46
Per dozen	$1 55	1 70	1 90	2 15	2 50
Nos.	54	54½	55	55½	56
Per dozen	$2 15	2 15	2 45	2 75	3 10
Nos.	64	64½	65	65½	66
Per dozen	$3 10	3 20	3 45	3 70	4 00

MANURE FORK HANDLES.

Nos.	74	74½	84	84½	94	94½
Per doz.	$1 60	1 75	2 20	2 40	3 10	3 30

HEADER AND BARLEY FORK HANDLES.

Nos.	105	115	115½
Per dozen	$2 90	2 90	3 55

HOE AND DRAIN CLEANER HANDLES.

Nos.	104¼	116	146	154½	335
Per dozen	$1 20	2 00	2 00	2 00	erase
Nos.	124½	125½	134½		
Per dozen	$1 70	2 00	2 05		

RAKE HANDLES.

Nos.	155½	156	157
Per dozen	$1 55	1 70	2 35

SHEPHERDS' CROOK HANDLES.

No. 198 ..... per dozen $3 60

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SHOVEL AND SPADE HANDLES.

New page dated March 1, 1910.

Nos.	200	205	210	230	240	220
Per dozen	$2 40	3 20	2 00	2 40	2 40	2 40

D HANDLES.

Nos.	300	310	320	390	370
Per dozen	$2 80	2 65	2 65	2 65	2 65
Nos.	430	330	440	340	350
Per dozen	$3 30	3 20	3 30	2 80	2 60
Nos.	360	400	410	259	380	420
Per dozen	$2 20	2 60	2 20	3 60	5 30	5 30

PLAIN FERRULES.

Nos.	1	3	5	7
Per dozen	$0 55	55	55	45

STRAP FERRULES.

Nos.	2	4	6	12
Per dozen	$1 35	1 35	1 35	1 70

FERRULE CAPS.

Nos.	10	11	14
Per dozen	$0 30	30	30

D SHOVEL AND SPADE TOPS.

No. 1	per dozen $0 85
No. 5	" 1 10

260 WHEEL BARROWS.

New page dated March 1, 1910.

Nos.	R13½	R14	R17	13½	20
Per doz.	$43 20	43 20	54 00	43 20	28 20
Nos.	04	04½	07	10	15
Per dozen	$45 00	50 40	54 00	86 40	34 20
Nos.	16	3	4	44	2	6
Per doz.	$37 20	16 20	16 80	19 20	17 40	22 80

Extra Wheels.

No. 3W	per dozen $7 80
No. 4W	" 9 00

261 GARDEN BARROWS, ROAD SCRAPERS, AND HODS.

New page dated March 1, 1910.

Wheel Barrows.

Nos.	R25	09	010	109	
Per dozen	$36 00	31 80	33 60	31 80	
Nos.	45	7	8	11	12
Per dozen	$26 40	39 60	43 20	39 60	44 40

No. 010W—Extra wheels.....per dozen $12 60

When Wheelbarrows are wanted set up add $2.40 to prices quoted above.

Road Scrapers.

Nos.	1	2	3	11	22	33
Each	$4 30	3 90	3 70	4 70	4 20	4 00

Hods.

Nos.	1	2	3	4
Per dozen	$9 00	6 30	15 00	12 60

263 CARTS AND TRUCKS.

New page dated Oct. 1, 1909.

Nos.	1	2	3	H1	H2	22
Each	$2 90	3 60	5 05	6 75	8 30	4 30
Nos.	23	24	FH1	FH2	W34	15
Each	$6 00	7 50	8 55	12 60	7 20	1 70
Nos.	13	101	102	103	104	105
Each.	$1 90	10 80	11 40	12 30	13 20	13 80
Nos.	106	24	25	129	27	126
Each	$14 40	6 00	6 60	5 40	3 90	3 80

264A H. S. B. & CO.'S LAWN MOWERS.

New page dated March 1, 1909.

THE BARTLETT BALL BEARING.

Cut, inches	15	17	19	21
Each	$8 60	9 65	10 70	11 75

264B H. S. B. & CO.'S LAWN MOWERS.

New page dated March 1, 1909.

THE REV-O-NOC BALL BEARING.

Cut, inches	14	16	18	20
Each	$6 90	7 20	7 45	7 75

THE KENWOOD.

Cut, inches	14	16	18
Each	$3 45	3 60	3 80

264C H. S. B. & CO.'S LAWN MOWERS.

New page dated March 1, 1909.

THE IL-A-NOY, BALL BEARING.

Cut, inches	14	16	18	20
Each	$4 60	4 90	5 15	5 45

THE SUBURB.

Cut, inches	14	16	18
Each	$4 00	4 30	4 60

264D H. S. B. & CO.'S LAWN MOWERS.

New page dated March 1, 1909.

THE GLENCOE.

Cut, inches	14	16	18
Each	$2 80	3 00	3 15

THE DRUMMER.

Cut, inches	12	14	16	18
Each	$2 30	2 35	2 40	2 60

Do not refuse an order because you do not carry the goods in stock.

Page 265

LAWN MOWERS.

New page dated March 1, 1909.

PHILADELPHIA STYLE "K," HIGH WHEEL.

Cut, inches	14	16	18	20
Each	erase	6 80	7 40	8 40

We have added a 20 in Style K.

PENNSYLVANIA JUNIOR BALL BEARING

Cut, inches	15	17	19	21
Each	$12 30	13 75	15 20	16 70

PENNSYLVANIA HIGH WHEEL.

Cut, inches	15	17	19	21
Each	$11 50	12 90	14 25	15 65

PENNSYLVANIA PONY OR TWO MAN.

25 in. cut ..... each $32 75

Page 266

LAWN MOWERS.

New page dated March 1, 1909.

CHAMPION PONY.

30 in. cut ..... each $18 00

PHILADELPHIA EAGLE.

Nos.	130	135	140
Each	$86 25	107 80	135 00

PHILADELPHIA PONY.

Nos.	230	330	430	530
Each	$76 65	76 65	92 00	92 00

PENNSYLVANIA GRAND HORSE.

Nos.	630	730	638	738
Each	$76 65	86 20	99 65	109 35
Nos.	830	930	838	938
Each	$92 00	101 60	115 00	124 70

267 LAWN TRIMMERS, GRASS COLLECTORS, ETC.

New page dated March 1, 1909.

LAWN TRIMMERS.

No. 2 ..... per dozen $15 00

LAWN MOWER SHARPENERS.

No. 16	per dozen $4 80
No. 5	each $28 80

GRASS COLLECTORS.

Nos.	3	1
Per dozen	Erase	erase
Nos.	2	4	5
Per dozen	Erase	10 80	12 00
Width, in.	15	17	19	21
Per dozen	$20 60	21 60	22 75	24 35

Extra clamps for Nos. 4 and 5...per dozen $1 10

Nos. 8, 10, 3, 1 and 2 ..... erase

268 GRASS SWEEPERS AND LAWN MOWER PARTS.

New page dated March 1, 1909.

GRASS SWEEPERS.

Apollo Sweeps, in.	20	24	28
Each	$10 80	11 40	12 00

LAWN ROLLERS.

Nos	4	5	6	7	8
Each	$12 20	12 20	14 45	14 45	16 80
Nos.	9	10	11	12	
Each	$19 10	21 45	21 45	23 80	

EXTRA PARTS FOR LAWN MOWERS.

Repairs for Champion.

All Nos. ..... discount 20 per cent.

Champion High Wheel Repairs.

All Nos. ..... discount 15 per cent.

Repairs for Drummer.

All Nos. ..... discount 15 per cent.

Repairs for Bartlett B. B. Mowers.

All Nos. ..... discount 10 per cent.

Repairs for Philadelphia.

All Nos. ..... discount 10 per cent.

Repairs for Skokie Mower.

All Nos. ..... discount 35 per cent.

269 RUBBER HOSE AND TUBING.

New page dated Oct. 1, 1909.

O. V. B.—½ in.	per foot	$0 10¼
O. V. B.—¾ in.	"	13
Rev-o-noc—½ in.	"	08½
Rev-o-noc—¾ in.	"	11
Il-a-noy—½ in.	"	07½
Il-a-noy—¾ in.	"	09
Huron—¾ in.	"	08
Crow—¾ in.	"	06½
Sautee—¾ in.	"	13
Wichita—¾ in.	"	15
Kiowa—¾ in.	"	08
Ponca—¾ in.	"	09½
Apache—¾ in.	"	10½

We can furnish all garden hose listed on this page (except Goodrich), wire wound, at an additional cost of 5 cents list per foot.

Add 15 cents per length when ordered in 25-ft. lengths to cover cost of extra coupling and attaching same.

(Continued on Next Page.)

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

GOODRICH REEL HOSE.

½ in. .....per foot $0 17
¾ in. ..... " 18

Red C. I. Tubing.

Nos.	14	15	17	40
Per foot	$0.06½	06¾	09	07

PLAIN RUBBER TUBING.

Sizes	¼	⅜	½
No. 5.....per foot	$0 05	06½	08

270 **GARDEN HOSE NOZZLES.**

New page dated Oct. 1, 1909.

Nos.	3	6	5	40
Per dozen	$3 90	3 90	4 00	3 60
Nos.	Oakland	9	4	
Per dozen	$3 90	1 70	3 40	

GARDEN HOSE COUPLINGS.

Nos.	1	1¾	2	Extra parts
Per dozen	$1 00	1 00	2 90	1 90

WASHERS.

Rubber ..... per pound $0 55

HOSE CLAMPS.

Sizes, in.	½	¾	1
No. 7 .....per dozen	$0 35	35	95
Sizes, in.	1¼	1½	2	2½
No. 7 .....per dozen	$1 20	1 45	1 90	3 36
No. 17 .....per dozen				$0 60

HOSE STRAPS AND FASTENERS.

Nos.	4	8	10
Per dozen	$1 10	1 10	1 50

GARDEN HOSE MENDER.

Nos.	20½	20¾
Per gross $0 70		70
Nos.	19 18½ 18¾	22½ & 22¾
Per dozen $0 30	30 30	90 90

271 **LAWN SPRINKLERS.**

New page dated Oct. 1, 1909.

Nos.	02	4	7	1	3	5
Per doz.	$5 75	6 00	erase	2 40	6 60	10 20
Nos.	20	19	21	22	234	
Per dozen .	$11 40	11 40	12 60	12 60	21 60	

HOSE REELS.

Nos.	05	30	8	10	20
Per dozen...	$6 90	14 40	21 60	32 40	36 00

272 **WATER HOSE.**

New page dated Oct. 1, 1909.

Inches	1	1¼	1½	2	2½
O. V. B.....per foot	$0 20	28	33	45	65
Rev-o-noc—3 ply .....per foot					$0 15
Rev-o-noc—4 ply ..... "					19

DISCHARGE HOSE.

Rev-o-noc—3 ply .....per foot $0 15

EXTRA FOR WIRE WOUND HOSE. WITH HALF WOUND WIRE.

Inches	1	1¼	1½	2	2½
Extra.....per foot	$0 07	09	11	14	17

WITH WOUND WIRE.

Inches	1	1¼	1½	2	2½
Extra.....per foot	$0 04	05½	07	07½	10

SUCTION HOSE.

Inches	¾	1	1¼	2
O. V. B.....per foot	$0 25	27	37	45
Rev-o-noc ..... "		24		40
Il-a-noy ..... "				30

MILL HOSE.

Inches	1	1¼	1½	2	2½
Apache .....per foot	$0 20	30	35	40	50
Ponca ..... "	17	25	30	35	40
Kiowa ..... "	15	20	20	25	30

272A **FIRE HOSE.**

New page dated Oct. 1, 1909.

F. O. B. Factory.

Apache .....per foot $0 95
Ponca ..... " 85
Kiowa ..... " 70

F. O. B. Chicago.

Inches	1¼	1½	2	2½
Yale .....per foot	$0 16	17	20	25
Kings ..... "	14	16	19	21
Rival ..... "	10½	13	14½	15½

STEAM HOSE.

O. V. B.—All sizes.....discount 40 per cent.
Rev-o-noc—All sizes ..... " 50 per cent

WATER CONDUCTING HOSE COUPLINGS.

Inches	1	1¼	1½	2	2½
Per dozen $1 90		4 30	6 05	9 75	20 75

STEAM HOSE COUPLINGS.

Inches .....½ & ¾	1	1¼	1½	2
Per dozen $5 80	7 00	9 30	11 65	16 35

AUTOMATIC COUPLINGS.

Inches	1¼	1½	2	2½
Ex., per 50 ft. lengths.	$1 20	1 60	2 00	2 10

Page

272B **HOSE NOZZLES.**

New page dated Oct. 1, 1909.

Sizes	1¼x4¾	1¼x12	1½x5¾	1½x12
Per dozen ...	$4 90	7 40	7 40	9 00
Sizes		2x6¾	2x12	2½x7½
Per dozen		$10 65	13 95	15 35
Sizes		2½x12	2½x15	2½x22
Per dozen		$22 55	26 70	36 95

HOSE PIPES.

Sizes	1x8	1¼x12	1¼x15	1½x12
Per dozen $4 80		8 65	10 35	10 80
Sizes	1½x15	2x12	2x15	2x20
Per dozen $12 95		16 40	19 85	21 60
Sizes	2½x15	2½x20	2½x24	
Per dozen $32 40		41 45	43 20	

HOSE RACKS.

Nos.	70	71	72	73	74	75
Each	$4 30	4 30	4 30	4 30	4 30	4 30
Nos.	76	77	78	79	80	81
Each $5 05		5 05	5 05	5 90	5 90	5 90
Nos.		23	24	25	26	
Each		$5 05	5 05	5 40	5 75	

SWINGING HOSE REELS.

Nos.	1	2	3
Each $4 30		4 70	5 05

273 **SPRAY PUMPS.**

New page dated Oct. 1, 1909.

Nos.	21	04	02	020
Per dozen $3 90		7 80	3 90	6 30
Nos.	201		202	203
Per dozen	erase		57 60	79 20
Double nozzles .....per dozen				$16 55
Tree nozzles ..... "				16 55
No. 2 caps ..... "				2 90
Nos.	1A	1B	1C	1D
Per dozen $73 80		83 70	49 20	59 10
Brass extension pipe.....each				$0 40
Brass elbows ..... "				40
Strainers ..... "				85
Nos.	100	327½	212	17
Per dozen $10 80		28 80	7 20	79 20

274 **SEED SOWERS.**

New page dated Oct. 1, 1909.

Nos.	14	12	10
Per dozen $14 40		10 80	9 60

SEED CORN DRYERS.

F. O. B. Galesburg, Ill.

No. 25 .....per dozen set erase

FODDER SQUEEZERS.

No. 4 .....per dozen $2 70

ROPE CLAMPS.

No. 1 .....per dozen $0 80

CORN SHELLERS.

F. O. B. Chicago Stock.

Nos.	3	3T	3F	3FT
Per dozen $82 80		90 00	90 00	97 20

F. O. B. Factory, Lancaster, Ohio.

Nos.	3	3T	3F	3FT
Per dozen $79 20		86 40	86 40	93 60

CORN SHELLERS.

No. 10 .....per dozen $7 80

F. O. B. Factory, Clarksville, Tenn.

Barrel lots only.

No. 1903 .....per dozen $17 70

F. O. B. Chicago.

No. 12 .....per dozen $15 60

275 **POTATO AND CORN PLANTERS.**

New page dated Oct. 1, 1909.

Nos.	16	18	1	2
Per dozen $6 50		14 40	6 90	10 20
Nos.		4	6	3
Per dozen		$9 00	9 60	18 00

GREEN BONE CUTTERS.

Nos.	5C	5B	5BM	7	9
Each $6 90		9 30	11 10	12 90	19 80

276 **CORN MILLS, BONE CUTTERS, ETC.**

New page dated Oct. 1, 1909.

Nos.	750	1	10
Each $7 80		2 40	2 50

CIDER MILLS.

F. O. B. Chicago.

Nos.	3	2	1	4	5
Each $18 90		13 50	10 50	6 00	4 20

F. O. B. Lancaster, Ohio.

Nos.	3	2	1	4	5
Each $17 70		12 90	9 90	5 70	3 90

277 **HUSKING PINS AND COTS.**

New page dated March 1, 1910.

Nos.	2100	2000	P	2400	3000
Per dozen $0 30		35	60	85	75
Nos.	Q	2110	4000	T1	B
Per dozen $1 20		60	1 00	1 80	2 50
Nos.	E	G	R23	80	80LH
Per dozen $2 30		1 90	2 70	1 35	1 35

Page

278 **HOOK HUSKERS.**

New page dated March 1, 1910.

Nos.	64	61	K2	KL2	22
Per dozen $1 20		2 00	2 40	2 40	2 40
Nos.	R1		R2	R55	59	T06
Per dozen $2 60		3 00	3 10	2 60	2 70
Nos.	T3		A	AB	C
Per dozen.....	$4 80		3 60	erase	3 60

279 **LEATHER GLOVES, MITTENS, ETC.**

New page dated March 1, 1910.

HUSKING.

Nos.	R7	O17	15
Per dozen pairs.....	$10 20	7 20	5 50

LABORERS' MITTENS.

Nos.	250	32
Per dozen pairs.....	$2 40	3 30

WRIST SUPPORTERS.

Nos.	R02	115	120
Per dozen $1 45		55	90
Nos.	130	135	140
Per dozen $0 90		1 20	1 20
Huskum .....per dozen			$2 40

PINE TAR SEAL TOP.

Capacity .....½ pt.	1 pt.	1 qt.	½ gal.	1 gal.
Per dozen $0 60	75	1 35	2 70	4 20

CORK TOP.

Capacity .....½ pt.	1 pt.	1 qt.
Per dozen $0 80	90	1 50

280 **GENERAL PURPOSE GLOVES AND MITTENS.**

New page dated March 1, 1910.

Nos.	159	160	161	661
Per dozen pairs.....	$0 85	90	1 10	85
Nos.	229	163	166	164
Per dozen pairs	$1 30	95	90	95
Nos.	164B	165	65	66
Per dozen pairs	$0 95	1 15	95	1 00
Nos.	67	68	108	109
Per dozen pairs.....	$1 20	1 35	1 15	1 20
Nos.	110	112	750	16
Per dozen pairs.....	$1 55	1 80	70	75
Nos.	19	12	16½	17
Per dozen pairs	$0 90	1 10	90	1 00
Nos.	18	33	44	45
Per dozen pairs	$1 15	95	95	1 15
Nos.	46	57A	59	58
Per dozen pairs	$1 35	1 60	1 60	1 30

281 **SHEEP SHEARS, CROOKS AND DEHORNERS.**

New page dated March 1, 1908.

SHEEP SHEARS.

Size, inches...	4½	5	5½	6	6½	7
No. 020—Doz.	$5 70	6 00	6 30	6 60		
No. 27—Doz.	7 80	8 30	8 40	8 70		
No. 10—Doz.			8 70	9 00	9 30	9 60
No. 10B—Doz.			8 70	9 00		
No. 12—Doz.			8 70	9 00	9 30	9 60
No. 12B—Doz.			8 70	9 00		
No. 71—Doz.					15 60	16 20

SHEPHERDS' CROOKS.

No. 3 .....per dozen $5 40
No. 4 ..... " 3 90

CATTLE DEHORNERS.

Nos.	1	2	3	12	13
Each $3 20		5 35	6 15	5 50	5 60
No. 13B—Blades .....per set					$0 90

OX BALLS.

No. 299 .....per gross $5 10
No. 301 ..... " 5 50

282 **BULL RINGS, CATTLE LEADERS AND WEANERS.**

New page dated March 1, 1908.

BULL RINGS.

Nos.	30	31	32	11	12	21	41
Per dozen..	$1 32	1 55	2 00	1 20	1 30	Erase	2 20

CATTLE LEADERS.

Nos.	1	2	3
Per dozen $0 70		90	3 00

CALF WEANERS.

Nos.	31	32	11	12	21	22
Per dozen	$2 20	2 50	2 30	2 65	3 05	3 30
Nos.	23	1	2	3	7	6
Per dozen	$4 10	2 45	2 85	3 30	3 85	4 95

283 **ANIMAL POKES, PICKET PINS, ETC.**

New page dated March 1, 1910.

Nos.	7	41	42	20	30
Per dozen $3 00		5 40	5 70	5 10	5 10
Nos.	40	50	31	32	33
Per dozen $5 10		6 90	5 10	5 10	6 90
No. 132 .....per dozen					$6 60

Horse Muzzles.

Nos.	11	12	13	14	15
Per gross $3 60		5 70	6 00	8 40	12 00
Per dozen	36	55	60	84	1 20

Picket Pins.

Nos.	1	2	3	4
Per dozen $1 20		1 90	2 15	1 95

Bull Snaps.

No. 500 .....per dozen $3 00

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page 284

RINGS, RINGERS, TAMERS, ETC.

New page dated March 1, 1910.

Hill's Rings.

Nos.	1	2	3
Per dozen boxes	$0 50	50	50

Hill's Ringers.

Nos.	10	20
Per dozen	$0 60	1 00

Blair's Rings.

No. 31 per dozen boxes	$0 60
No. 33 " "	60

Blair's Ringers.

No. 30 per dozen	$0 95

Major Rings.

No. 51 per dozen boxes	$0 85
No. 53 " "	85

Major Ringers.

No. 50 per dozen	$1 50

Perfect Rings.

No. 61 per dozen boxes	$0 96
No. 63 " "	96

Perfect Ringers.

No. 60 per dozen	$1 10

Wolverine Rings.

No. 71 per dozen boxes	$1 75
No. 73 " "	1 75

Wolverine Ringers.

No. 70 per dozen	$0 75

Cast Stock Markers.

No. 65 per hundred	$0 55

Hog Tamers and Markers.

Short's per dozen	$7 20
Miller's "	7 80
Hurd's "	5 40

Ear Markers for Miller's Hog Tamers.

Nos.	25	26	27
Per dozen	$2 40	2 40	2 40

Stock Markers.

No. 100 per dozen	$14 90

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HOG CATCHERS.

New page dated March 1, 1910.

15 in. per dozen	$5 10

HOG HOLDERS.

Champion per "	$4 50
Hill's pattern "	2 70

HOG SCRAPERS.

No. 8 per dozen	$1 00
No. 4 "	2 10

PIG FORCEPS.

Nos.	Superior. 1 20	90 Whisson's
Per dozen	$6 00 9 00	21 60 7 20

STOCK FOUNTAINS.

Nos.	8	5	4
Per dozen	$14 40	14 40	14 40

BEE SMOKERS.

No. 1 per dozen	$9 00
No. 2 "	12 00

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BROOD COOPS, POULTRY FOUNTAINS, ETC.

New page dated March 1, 1910.

BROOD COOPS.

F. O. B. Factory, Roanoke, Ill.

Nos.	4	5	6
Per dozen	$28 80	14 40	15 60

HEN'S NESTS.

No. 45 per dozen	$0 60

NEST EGGS.

No. 1 per dozen	$0 20

POULTRY FOUNTAINS.

Nos.	3	2	1
Per dozen	$2 70	4 20	5 40

Page 287

BELLS.

New page dated March 1, 1910.

COW.

Nos.	7	6	5	4
Per dozen	$0 90	1 10	1 45	1 80
Nos.	3	2	1	0
Per dozen	$2 15	2 90	3 60	4 30

SWISS.

No. 4 per dozen	$ 8 10
No. 5 "	13 80

COW BELL STRAPS.

Size 1¾x42 in. per dozen	$3 70

TURKEY.

No. 2 per dozen	$0 90

SHEEP.

Nos.	8	01	1	2	3
Per dozen	$1 00	1 96	2 50	1 60	1 95

Page

HORSE CAR.

No. 4 per dozen	$4 30
No. 7 "	5 75

FARM.

Nos.	1	2	3	4
Each	$1 20	1 50	2 25	3 00

288 **SCHOOL, CHURCH AND FIRE BELLS.**

New page dated March 1, 1910.

F. O. B. Northville, Mich., Only.

Entire page discount	50 per cent

303 **PADLOCKS.**

New page dated Oct. 1, 1909.

Nos.	1B	2B	3B	1200	915
Per dozen	$1 60	1 60	1 80	1 20	1 20
Nos.	882	880	1205	1906	1907	4016
Per doz.	$1 05	1 05	1 20	1 20	2 05	1 70
Nos.	4018	4020	400	300	500	4092
Per doz.	$2 00	2 50	2 40	5 40	2 40	1 00

304 **PADLOCKS.**

New page dated Oct. 1, 1909.

Nos.	1960	875	920	925
Per dozen	$1 05	1 80	1 80	2 20
Nos.	4010	4012	1945	1904
Per dozen	$2 20	2 30	3 60	3 35
Nos.	01904	1910	6840	04151	4130
Per dozen	$4 40	3 85	5 05	8 40	8 40

305 **PADLOCKS.**

New page dated Oct. 1, 1909.

Nos.	630	S635	632	620	625
Per dozen	$1 80	1 80	2 70	1 60	1 50
Nos.	622	650	670	675	640
Per dozen	$2 58	1 10	1 40	1 40	90
Nos.	660	665	750	510	695	685
Per dozen	$1 20	1 20	3 80	2 40	2 00	1 60

306 **PADLOCKS.**

New page dated Oct. 1, 1909.

Nos.	16	18	19	21	22
Per dozen	$1 10	1 10	1 30	1 55	2 15
Nos.	18B	19B	21B	4402	214
Per dozen	$1 10	1 30	1 80	2 70	2 10
Nos.	221	110B	250	895	1
Per dozen	$3 10	2 15	1 80	3 80	6 60
Nos.	10	79	79½	89	877
Per dozen	$7 90	5 70	5 70	7 80	1 60

307 **PADLOCKS.**

New page dated Oct. 1, 1909.

Nos.	200	200M	100	1000	825
Per dozen	$14 40	16 80	5 40	3 00	16 20
Nos.	1940	840	850	870	803F	805F
Per doz.	$3 10	14 30	17 60	26 00	7 15	7 15

308 **PADLOCKS.**

New page dated Oct. 1, 1909.

Nos.	905	743S	745S	800	813
Per dozen	$8 80	7 95	8 80	11 90	8 00
Nos.	833	853	863	873	743V
Per dozen	$10 00	12 40	15 40	22 80	9 55
Nos.	745V	8434	8454	633	635
Per dozen	$10 30	6 75	8 35	4 40	5 20
Nos.	645J	684J	225	215	326
Per dozen	$1 90	1 20	3 20	3 20	4 75

309 **PADLOCKS.**

New page dated Oct. 1, 1909.

Nos.	805½F	850½	905½	853½	863½
Per dozen	$8 35	19 10	9 90	14 10	17 10
Nos.	3052	3053	3054	0000	000
Per dozen	$3 10	3 60	3 95	80	85
Nos.	00 2 keys.	00 1 key.	2 1 key	2 2 keys	
Per dozen	$1 20	1 05	1 40	1 60	

Change No. 805½F Padlocks, to read rustless iron case.

Change No. 850½ Padlocks to read, bronze metal case.

310 **PADLOCKS.**

New page dated Oct. 1, 1909.

Nos.	3	5	7	3017	3026
Per dozen	$1 50	2 15	3 25	2 50	2 95
Nos.	3027	14	3066	3065	3029
Per dozen	$2 60	2 70	2 80	3 50	5 35

311 **PADLOCK ASSORTMENTS.**

New page dated Oct. 1, 1909.

Nos.	1505	1520	1500
Per assortment	$1 20	1 80	2 10

312 **PADLOCK ASSORTMENTS.**

New page dated Oct. 1, 1909.

Nos.	1530	1510	1400
Per assortment	$2 70	2 70	9 60

313 **PADLOCK ASSORTMENTS.**

New page dated Oct. 1, 1909.

Nos.	1177	08	1550	1540
Per assortment	$1 45	1 20	2 40	1 20

314 **PADLOCK ASSORTMENTS.**

New page dated Oct. 1, 1909.

No. M1000 per assortment	$26 40
No. M1001 "	16 20

We do not guarantee prices.

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BACK SPRING TILL LOCKS.

New page dated Oct. 1, 1909.

Nos.	46	33	36	72
Per dozen	$0 60	80	85	55
Nos.	68	423	161	81
Per dozen	$0 90	60	95	1 00
Nos.	48	47	303	312	561
Per dozen	$0 90	1 55	2 10	1 65	3 55

316 **DRAWER LOCKS.**

New page dated Oct. 1, 1909.

Nos.	454	237	014	6039	2121A
Per dozen	$2 50	2 70	2 95	5 90	2 50
Nos.	2122A	1866	447	6090	6080	01876
Per dozen	$3 35	70	55	2 15	2 75	4 45
Nos.	1816	01816	01901	6001	6001½
Per dozen	$2 75	3 25	4 45	6 30	7 55

317 **CYLINDER LOCKS.**

New page dated Oct. 1, 1909.

Nos.	01848	1848	1921½	01921½	2152
Per dozen	$2 90	2 50	3 60	4 80	2 40
Nos.	02152	02260	5551	5552	5553
Per dozen	$3 60	8 10	10 80	12 00	10 80
Nos.	562	563	542	543	2011
Per dozen	$14 40	13 20	16 50	15 30	13 20
Nos.	1934	1934MK	03241	03341MK
Per dozen	$7 80	9 00	12 00	14 40

318 **WARDROBE LOCKS.**

New page dated Oct. 1, 1909.

Nos.	509	508	1875¼	2263	415¼
Per dozen	$1 25	1 70	50	35	50
Nos.	2265	417	510	510½	393
Per dozen	$0 45	1 35	55	1 20	1 35
Nos.	158	570	392	500¼	157
Per dozen	$2 70	5 05	1 50	1 15	3 35

319 **WARDROBE AND CUPBOARD LOCKS.**

New page dated Oct. 1, 1909.

Nos.	1055	6098	6074	6078
Per dozen	$4 20	6 30	7 50	8 40
Nos.	631	632	1098	117
Per dozen	$2 50	3 35	6 90	85
Nos.	44	473	1881	1821	5513
Per dozen	$1 35	65	3 35	2 10	12 00

320 **CHEST LOCKS.**

New page dated Oct. 1, 1909.

Nos.	42	43	34	35	133	141
Per dozen	$0 60	60	60	85	90	85
Nos.	37	166	169	163	165	160
Per dozen	$1 85	1 75	2 40	1 85	2 30	1 95
Nos.	471	467	427	410	203
Per dozen	$2 50	2 70	2 95	3 35	3 75

321 **CHEST LOCKS.**

New page dated Oct. 1, 1909.

Nos.	583	9	6088	02126½	01961
Per dozen	$4 00	5 05	6 30	7 50	8 70
Nos.	1961	01962	1962	6071½	6070
Per dozen	$7 45	10 20	8 65	7 45	11 75
Nos.	6069½	6068	521	523	2001
Per dozen.	$10 20	15 10	24 00	24 00	24 00

322 **TRUNK LOCKS.**

New page dated Oct. 1, 1909.

Nos.	93	14	8	12	346
Per dozen	$1 45	60	55	60	90
Nos.	353	99½	088½	123
Per dozen	$1 20	1 25	3 60	1 55
Nos.	270	0199	0198	262
Per dozen	$0 85	1 55	2 30	1 10

323 **TRUNK LOCKS.**

New page dated Oct. 1, 1909.

No. 411½ per dozen	$2 50
No. 0186¼ "	5 70

324 **SUIT CASE LOCKS AND BOLTS.**

New page dated Oct. 1, 1909.

Nos.	367¾	341	0341	402¼	402¾
Per dozen	$0 95	1 90	2 65	1 25	1 20
Nos.	340	0340	0395	0297	0296
Per dozen	$2 15	2 90	3 60	2 10	1 75
Nos.	382	368	0368	5530	1770
Per dozen	$2 70	3 00	3 75	2 10	25
Nos.	1778	5523	05523	01796
Per dozen	$0 28	40	75	2 05

327 **LATCHES.**

New page dated March 1, 1909.

Nos.	01110	1111	2121	3552	2122	2123
Per dozen.	$2 50	1 10	1 30	1 80	1 70	2 10

SECRET GATE.

Nos.	J116	P116	OC116	P16	OC16
Per dozen	$4 80	6 60	7 80	9 00	9 00

RIM NIGHT.

Nos.	62	1162	52	1152
Per dozen	$4 20	6 60	6 60	9 60

328 **RIM NIGHT LATCHES.**

New page dated March 1, 1909.

Nos.	64	65	74	73	3765
Per dozen	$3 25	5 10	5 75	9 30	6 75
Nos.	77	108	109	015	25½
Per dozen.	$12 00	10 50	12 00	5 40	12 00
Nos	22	42	8300	042	242
Per dozen.	$15 60	18 00	13 80	17 05	23 40

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

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UPRIGHT RIM KNOB LOCKS.

New page dated March 1, 1909.

Nos.	980	982	1884	1884A	1884B	1884J
Per dozen	$1 90	2 70	1 30	2 30	2 35	2 35
Nos.	01884A	01884B	01884J	2884	2301	2301A
Per. doz.	$2 50	2 65	2 65	3 00	1 75	2 70
Nos.			2301B	2302	2302-2	2303
Per dozen			$2 75	2 40	3 15	3 60
Nos.				3301	3302	3303
Per dozen				$2 15	3 10	3 95

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UPRIGHT RIM KNOB LOCKS.

New page dated March 1, 1909.

Nos.	2321	2322	2323	3321	3322
Per dozen	$3 20	3 95	4 80	3 95	4 50
Nos.	3323	3333	2342	2343	3342
Per dozen	$5 75	7 50	4 20	5 30	4 50
Nos.	3343	K2301	B2303	K3301	B3303
Per dozen	$6 00	2 70	4 90	3 10	5 75

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RIM KNOB LOCKS.

New page dated March 1, 1907.

Nos.	1104	OC1104	1105	2104	OC2104
Per dozen	$2 65	3 00	3 85	4 30	4 90
Nos.	2105	3200	3206	3800	3802	3806
Per dozen	$5 30	2 40	4 55	2 35	2 90	4 70

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RIM KNOB LOCKS.

New page dated March 1, 1907.

Nos.	3897	3820	3826	3830	3836
Per dozen	$5 70	4 30	6 30	4 55	7 20

Change No. 3820 to read iron key instead of steel.

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RIM KNOB LOCKS.

New page dated March 1, 1906.

No. 2885 ..... per dozen $2 90

Nos.	1885	1886	1885A	1885B	2211	2212
Per dozen	$1 30	2 50	2 20	2 30	1 75	2 30
Nos.	2213	3211	3212	3213	3213½	
Per dozen	$3 20	2 00	2 75	4 15	2 90	

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RIM KNOB LOCKS.

New page dated March 1, 1906.

Nos.	2232	2233	3232	3233	
Per dozen	$2 45	3 60	3 20	4 30	
Nos.	K2211	B2213	K3211	B3213	
Per dozen	$2 70	4 50	3 10	5 05	

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RIM DEAD LOCKS.

Nos.	1211	1221	1222	3600
Per dozen	$1 10	1 60	2 20	1 90
Nos.	1241	1242	1252	2272
Per dozen	$2 35	3 10	5 40	10 80

No. 2272 Rim Locks should read "Store Door Rim Knob Locks."

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DEAD LOCKS.

Nos.	1312	1322	1332	1342	1373	
Per dozen	$6 00	6 60	6 90	9 00	17 30	

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RIM DEAD LOCKS.

New page dated Oct. 1, 1905.

Nos.	Y32	712	722½		
New list	$65 00	75 00	65 00		
Per dozen	$24 00	30 00	24 00		
Nos.	13½	7½	12	4	
New list	$90 00	97 50			
Per dozen	$9 90	19 50	36 00	39 60	

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MORTISE KNOB LATCHES.

New page dated Oct. 1, 1905.

Nos.	2030	2041½	1411	A1413
Per dozen	$1 10	2 15	90	2 15
Nos.	F1413	P1513	OC1513	SC1513
Per dozen	erase	2 40	2 35	2 40

MORTISE DEAD LOCKS.

Nos.	P24	344	344¼	13	7
Per dozen	$5 40	40 20	62 40	24 00	25 80

Change list on No. 344 to read $82.50.
Change list on No. 344¼ to read $130.00.

CUPBOARD LOCKS.

Nos.	P711	OC711	SC711
Per dozen	$10 20	12 00	12 90

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MORTISE NIGHT LATCHES.

New page dated Oct. 1, 1903.

Nos.	2513	166	66
List	$28 75		90 00
Per dozen	$14 40	Erase	43 80

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MORTISE KNOB LOCKS.

New page dated Oct. 1, 1903.

Nos.	2611	2612	2623	1090
Per dozen	$1 75	2 65	3 55	3 60
Nos.	2743	2743½	2730	2753
Per dozen	$15 00	16 80	3 00	30 00

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MORTISE KNOB LOCKS.

Nos.	3311	P3310	OC3310	P2614
Per dozen	4 60	5 30	6 00	2 90
Nos.	OC2614	SC2614	P2615	OC2615
Per dozen	$3 00	3 00	4 30	4 45
Nos.	SC2615	P2616	OC2616	SC2616	A2616
Per doz.	$4 45	5 40	6 00	6 00	5 40

Please correct Catalogue on No. 3311 to read with tinned Malleable Key.

We guarantee lowest ruling prices.

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MORTISE KNOB LOCKS.

Nos.	P2617	OC2617	SC2617	A2617
Per dozen	$8 40	9 00	9 00	7 80
Nos.	P2733	OC2733	SC2733	
Per dozen	$13 20	13 90	14 40	
Nos.	P1842	OC1842	SC1842	A1842
Per dozen	$13 20	14 40	14 40	13 20
Nos.	P1843	OC1843	SC1843	A1843
Per dozen	$15 95	17 40	erase	erase

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PUSH PLATES.

New page dated October 1, 1908.

Nos.	P55	P55½	OC55	OC55½	OC155	OC155½
Per d.	$4 80	6 90	5 40	7 50	1 80	2 70

DOOR PULLS.

Nos.	P97	OC97	SC97
Per dozen	$8 10	9 00	9 00

ESCUTCHEONS.

Nos.	B150	B149	2800	B151	B152	
Per dozen	$0 35	90	erase	70	75	
Nos.	B154	OC150	P50	OC151	OC152	
Per dozen	$2 00	55	70	85	90	
Nos.	P51	P52	P54	OC54		
Per dozen	$1 90	2 05	3 60	4 20		

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DOOR KNOBS.

New page dated October 1, 1908.

Nos.	6210	6220	100	102	6230
Per dozen	$0 90	90	95	95	95
Nos.	6240	200	202	203	205
Per dozen	$0 95	1 00	1 00	95	95
Nos.	0205	OC38	B138	B139	BO139
Per dozen	$0 95	2 65	2 40	2 15	2 00
Nos.	P39	OC39	OC039	OC44	OC141
Per dozen	$2 40	2 50	2 40	2 65	4 10
Nos.	OC0141	P41	P041	OC41	OC041
Per dozen	$3 60	6 60	6 00	7 20	6 30
Nos.	B141	B0141	400	402	B144	B137
Per dozen	$3 50	3 25	3 10	3 10	4 30	2 40

KNOB SPINDLES.

Nos.	1	2	3	4	5	6
Per dozen	$0 50	55	55	70	1 30	1 45

Knob Screws ..... per gross $0 50
Knob Washers ..... per pound 50

LOCK STRIKES.

Nos.	101	116	117	118
Per dozen	$0 50	55	80	1 30

LOCK SPRINGS.

No. 24 ..... per dozen coils $0 50

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DOOR KEYS.

New page dated October 1, 1908.

Nos.	41	42	46	44	47	
Per gross	$1 70	1 70	1 70	1 45	1 45	
Nos.	45	48	49	130	020	
Per gross	$1 70	1 45	1 45	9 35	12 95	

KEY BLANKS.

Nos.	11	12	20	13	21	22
Per gross	$10 10	10 10	10 10	10 10	11 50	11 50
Nos.	1	03	04	4½	5	7
Per gro.	$10 10	4 30	4 30	4 30	4 30	11 50

STORE DOOR KEY BLANKS.

Nos.	18	14	15	15½
Per dozen	$0 25	1 80	1 80	1 80

KEY ASSORTMENTS.

No. 108 ..... per assortment $2 70

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KEY BLANKS AND KEYS.

New page dated October 1, 1908.

Nos.	2	3	4	6	16	17
Per dozen	$0 25	25	25	55	55	55
Nos.	10Y	8	9	51	52	29
Per dozen	$1 10	1 10	1 10	70	70	1 10
Nos.	110	99½	412	401	65	
Per gross	$5 05	1 45	95	95	95	
Nos.	60	178	50	40	42	
Per gross	$3 00	2 90	2 70	2 70	3 00	
Nos.	10T	12	30	200		
Per gross	$3 00	1 70	3 00	3 30		

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COMPARATIVE LIST OF LOCK SETS.

New page dated October 1, 1908.

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INDEX TO LOCK SETS.

New page dated October 1, 1908.

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LOCK SETS.

New page dated October 1, 1908.

Nos.	B101	B105	B102	B106	
Per doz. sets	$3 95	5 60	4 60	6 30	
Nos.	B1012	B1021	B1023	B1025	B1027	B1023
Per set.	$1 30	1 20	1 80	2 15	95	1 35

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LOCK SETS.

New page dated October 1, 1908.

Nos.	OC121	OC122	OC125	OC126	OC1220
Per dz. sets.	$4 20	4 40	5 40	6 50	5 10
Nos.	OC1212	OC1221	OC1223		
Per set	$1 30	1 20	1 70		
Nos.	OC1225	OC1227	OC1228		
Per set	$2 30	1 10	1 60		
No. N1825	per doz. sets			$ 9 60	
No. N825	"	"		12 60	

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LOCK SETS.

New page dated October 1, 1908.

Nos.	F135	F136
Per doz. sets	$10 20	12 00
Nos.	F1312	F1318
Per set	$1 80	6 30
Nos.	F1319	F1321	F1323	F1325
Per set	$12 00	1 60	2 40	3 00

TRIMMINGS.

No. F1341, Door Knobs	per doz.	$5 70
No. F1364, Flush Sash Lifts	"	65
No. F1356, Push Plates	"	4 20
No. F1358, Push Buttons	"	2 70

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LOCK SETS.

New page dated October 1, 1908.

Nos. P215, OC215, DB215 and AB215 ..... per dozen sets $7 70

	Per set
Nos. P2112, OC2112, DB2112 and AB2112	2 00
Nos. P2121, OC2121, DB2121 and AB2121	1 40
Nos. P2123, OC2123, DB2123 and AB2123	2 05
Nos. P2125, OC2125, DB2125 and AB2125	2 30

TRIMMINGS.

Knobs—
Nos. P2141, OC2141, DB2141 and AB2141
Per dozen $5 40

Sash Lifts—
Nos. P2164, OC2164, DB2164 and AB2164
Per dozen 85

Drawer Pulls—
Nos. P2165, OC2165, DB2165 and AB2165
Per dozen 3 85

Push Plates—
Nos. P2156, OC2156, DB2156 and AB2156
Per dozen 4 30

Push Buttons—
Nos. P2158, OC2158, DB2158 and AB2158
Per dozen 4 30

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LOCK SETS.

New page dated October 1, 1908.

Nos.	OC221 & SC221	OC225 & SC225
Per doz. sets	$5 45	6 30
Nos.	OC2212 & SC2212	OC2221 & SC2221
Per set	$2 05	1 30
Nos.	OC2223 & SC2223	OC2225 & SC2225
Per set	$2 05	2 40

TRIMMINGS.

Knobs—Nos. OC2241 & SC2241	per doz.	$4 00
Sash Lifts—Nos. OC2264 & SC2264	"	70
Push Plates—Nos. OC2256 & SC2256	"	3 95

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LOCK SETS.

New page dated October 1, 1908.

Nos. OC235, AB235 & DB235	per doz. sets	$6 60
Nos. OC2420&OC2520	"	5 10
Nos. OC2312, AB2312 & DB2312	per set	1 60
Nos. OC2321, AB2321 & DB2321	"	1 45
Nos. OC2323, AB2323 & DB2323	"	2 15
Nos. OC2325, AB2325 & DB2325	"	2 65

TRIMMINGS.

	Per doz.
Knobs—Nos. OC2341, AB2341 & DB2341	$4 30
Sash Lifts—Nos. OC2364, AB2364 & DB2364	85
Drawer Pulls—Nos. OC2365, AB2365&DB2365	2 40
Push Plates—Nos. OC2356, AB2356&DB2356	5 70
Push But.—Nos. OC2358, AB2358 & DB2358	3 90

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LOCK SETS.

New page dated October 1, 1908.

Nos. OC245 and OC255	per doz. sets	$6 00
Nos. OC2420 & OC2520	"	5 10

Nos.	OC2412&OC2512	OC2421	OC2423	OC2425
Per set	$1 60	1 30	1 90	2 40

TRIMMINGS.

Knobs—Nos. OC2441 and OC2541	per doz.	$4 55
Sash Lifts—No. OC2464	"	85
Drawer Pulls—No. OC2465	"	2 40
Push Plates—No. OC2456	"	4 30
Push Buttons—No. OC2458	"	3 60

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LOCK SETS.

New page dated October 1, 1908.

No. OC265	per dozen sets			$6 30
Nos.	OC2612	OC2613	OC2621	OC2623	OC2625
Per set	$1 30	2 40	1 20	1 80	2 40

TRIMMINGS.

Knobs—No. OC2641	per doz.	$4 80
Sash Lifts—No. OC2664	"	60
Push Plates—No. OC2656	"	3 00
Push Buttons—No. OC2658	"	3 60

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LOCK SETS.

New page dated October 1, 1908.

No. SC275	per dozen sets			$6 30
Nos.	SC2712	SC2721	SC2723	SC2725
Per set	$1 30	1 20	1 45	1 60

TRIMMINGS.

Knobs—No. SC2741	per dozen	$4 55
Sash Lifts—No. SC2764	"	55
Push Plates—No. SC2756	"	3 00
Push Buttons—No. SC2758		3 60

Page

364 **LOCK SETS.**

New page dated October 1, 1908.

Nos. OC285 and DB285.....per dozen sets $6 60
Nos. OC2812 and DB2812.....per set 1 55
Nos. OC2821 and DB2821 ..... " 1 20
Nos. OC2823 and DB2823 ..... " 1 80
Nos. OC2825 and DB2825..... " 2 40

TRIMMINGS.

Knobs—Nos. OC2841 & DB2841....per doz. $4 55
Sash Lifts—Nos. OC2864 & DB2864 " 95
Push Plates—Nos. OC2856 &DB2856 " 5 40
Push But.—Nos. OC2858 & DB2858 " 4 50

365 **LOCK SETS.**

New page dated October 1, 1908.

No. OC295 .....per dozen sets $7 20
Nos. OC2912 OC2921 OC2923 OC2925
Per set $2 35 1 60 2 60 3 00

TRIMMINGS.

Knobs—No. OC2941 .....per dozen $8 10
Sash Lifts—No. OC2964 ..... " 1 10
Drawer Pulls—No. OC2965..... " 3 12
Push Plates—No. OC2956 ..... " 4 20
Push Buttons—No. OC2958 .... " 5 10

366 **LOCK SETS.**

New page dated October 1, 1908.

Nos. OC315 and DB315....per dozen sets $7 20
Nos. OC3112 and DB3112..... per set 2 60
Nos. OC3121 and DB3121 ..... " 1 60
Nos. OC3123 and DB3123 ..... " 2 60
Nos. OC3125 and DB3125 ..... " 3 00

TRIMMINGS.

Knobs—Nos. OC3141 & DB3141...per doz. $8 10
Sash Lifts—Nos. OC3164 & DB3164 " 1 10
Draw. Pulls—Nos. OC3165 &DB3165 " 3 10
Push Plates—Nos. OC3156 &DB3156 " 5 40
Push But.—Nos. OC3158 & DB3158 " 5 10

367 **LOCK SETS.**

New page dated October 1, 1908.

Nos. OC325 & DB325.....per dozen sets $6 00
Nos. OC3212 & DB3212.....per set 1 60
Nos. OC3221 & DB3221..... " 1 45
Nos. OC3223 & DB3223..... " 2 05
Nos. OC3225 & DB3225..... " 2 50

TRIMMINGS.

Knobs—Nos. OC3241 & DB3241...per doz. $4 60
Sash Lifts—Nos. OC3264 & DB3264 " 95
Push Plates—Nos. OC3256 &DB3256 " 3 60
Push But.—Nos. OC3258 & DB3258 " 3 95

368 **LOCK SETS.**

New page dated October 1, 1908.

Nos. OC335 & DB335.....per dozen sets $7 80
Nos. OC3312 & DB3312.....per set 1 90
Nos. OC3321 & DB3321 ..... " 1 45
Nos. OC3323 & DB3323..... " 2 15
Nos. OC3325 & DB3325..... " 2 40

TRIMMINGS.

Knobs—Nos. OC3341 & DB3341..per doz. $5 40
Sash Lifts—Nos. OC3364 & DB3364 " 85
Push Plates—Nos. OC3356 &DB3356 " 3 95
Push But.—Nos. OC3358 & DB3358 " 4 20

369 **LOCK SETS.**

New page dated March 1, 1910.

Nos. OC345 and DB345....per dozen sets $7 20
Nos. OC3412 and DB3412.....per set 1 60
Nos. OC3414 and DB3414..... " 2 70
Nos. OC3418 and DB3418..... " 1 50
Nos. OC3421 and DB3421..... " 1 40
Nos. OC3423 and DB3423..... " 2 30
Nos. OC3425 and DB3425..... " 3 00

TRIMMINGS.

Knobs—Nos. OC3441 and DB3441..per doz 4 50
Sash Lifts—OC3464 and DB3464.. " 85
Push Plates—OC3456 and DB3456. " 4 50
Push But—OC3457 and DB3457... " 7 20
Push But—OC3458 and DB3458... " 4 50
Draw Pulls—OC3465 and DB3465.. " 2 40

370 **LOCK SETS AND TRIMMINGS.**

New page dated March 1, 1910.

No. OC355 and DB355....per dozen sets $7 20
No. OC3512 and DB3512... " 1 60
No. OC3521 and DB3521... " 1 50
No. OC3523 and DB3523... " 2 30
No. OC3525 and DB3525... " 3 00

TRIMMINGS.

No. OC3541 and DB3541.....per dozen $4 50
No. OC3564 and DB3564..... " 85
No. OC3565 and DB3565..... " 2 40
No. OC3556 and DB3556..... " 4 50
No. OC3558 and DB3558..... " 4 50

371 **LOCK SETS.**

New page dated October 1, 1908.

No. OC515 .....per dozen sets $8 10
Nos. ...OC5112 OC5116 OC5121 OC5123 OC5125
Per set $1 80 5 70 1 55 2 30 2 65

TRIMMINGS.

Knobs—No. OC5141 .....per dozen $4 80
Sash Lifts—No. OC5164 ..... " 1 15
Push Plates—No. OC5156 ..... " 4 80
Push Buttons—No. OC5158..... " 4 55

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372 **LOCK SETS.**

New page dated October 1, 1908.

No. SC525 .....per dozen sets $8 10
Nos. SC5212 SC5221 SC5223 SC5225
Per set $1 80 1 55 2 30 2 65

TRIMMINGS.

Knobs—No. SC5241.....per dozen $4 70
Sash Lifts—No. SC5265..... " 1 15
Push Plates—No. SC5256 ..... " 4 80
Push Buttons—No. SC5258..... " 4 55

377 **LOCK SETS.**

New page dated October 1, 1908.

Nos. P709 & OC709.....per dozen sets $11 10
Nos. .....P7014 & OC7014 P7018 & OC7018
Per set $1 80 6 30
Nos. ..... P7019 & OC7019
Per set $12 00
Nos. .....P7022 & OC7022 P7024 & OC7024
Per set $1 55 2 15
Nos. .....P7026 & OC7026
Per set $2 65

378 **LOCK SETS.**

New page dated October 1, 1908.

No. SC719 .....per dozen sets $15 60
Nos. SC7114 SC7118 SC7119 SC7122
Per set $2 90 7 80 14 40 2 00
Nos. SC7124 SC7126
Per set $3 60 4 30

TRIMMINGS.

Knobs—No. SC7142 .....pr dozen $9 00
Sash Lifts—No. SC7163 ..... " 1 50
Push Plates—No. SC7155..... " 9 60
Push Buttons—No. SC7157..... " 6 60

379 **LOCK SETS.**

New page dated October 1, 1908.

No. OC729 .....per dozen sets $16 80
No. A729 .....Erase
Nos. OC7214 A7214 OC7215 A7215
Per set ..... $3 00 erase erase erase
Nos. OC7218 A7218
Per set ..... $8 40 erase
Nos. OC7219 A7219 OC7222 A7222
Per set .....$15 60 erase 2 15 erase
Nos. OC7224 A7224 OC7226 A7226
Per set ..... $3 60 erase 4 30 erase

TRIMMINGS.

Knobs—Nos. OC7242 & A7242 ....per doz. $9 60
Sash Lifts—Nos. OC7263 & A7263 " 2 15
Drawer Pulls—Nos. OC7266&A7266 " 7 20
Push Plates—Nos. OC7255 & A7255 " 9 35
Push But.—Nos. OC7257 & A7257 " 19 20

380 **LOCK SETS.**

New page dated October 1, 1908.

Nos. OC739, AB739 & DB739.per doz. sets $14 40
Nos. OC7314, AB7314 & DB7314...per set 2 65
Nos. OC7315, AB7315 & DB7315.. " 4 80
Nos. OC7318, AB7318 & DB7318.. " 7 20
Nos. OC7319, AB7319 & DB7319.. " 13 20
Nos. OC7322, AB7322 & DB7322.. " 1 90
Nos. OC7324, AB7324 & DB7324.. " 3 10
Nos. OC7326, AB7326 & DB7326.. " 3 70

TRIMMINGS.

Per doz.

Knobs—Nos. OC7342, AB7342 & DB7342. $8 50
Sash Lifts—Nos. OC7363, AB7363 &DB7363 1 70
Draw. Pulls—Nos. OC7366, AB7366&DB7366 5 40
Push Plates—Nos. OC7355, AB7355&DB7355 7 80
Push But.—Nos. OC7357, AB7357 & DB7357 5 70

381 **LOCK SETS.**

New page dated October 1, 1908.

Nos. OC749, AB749 & DB749.per doz. sets $17 40
Nos. OC7414, AB7414 & DB7414...per set 3 25
Nos. OC7418, AB7418 & DB7418.. " 8 10
Nos. OC7419, AB7419 & DB7419.. " 15 00
Nos. OC7422, AB7422 & DB7422.. " 2 15
Nos. OC7424, AB7424 & DB7424.. " 3 60
Nos. OC7426, AB7426 & DB7426.. " 4 30

TRIMMINGS.

Per doz.

Knobs—Nos. OC7442, AB7442 & DB7442.. $9 00
Sash Lifts—Nos. OC7463, AB7463&DB7463 1 80
Draw Pulls—Nos. OC7466, AB7466&DB7466 6 60
Push Plates—Nos.OC7455, AB7455&DB7455 12 00
Push But.—Nos. OC7457, AB7457&DB7457 7 20

382 **LOCK SETS.**

New page dated October 1, 1908.

Nos. P759, OC759 & DB759..per doz. sets $16 80
Nos. P7514, OC7514 & DB7514....per set 3 00
Nos. P7518, OC7518 & DB7518.. " 7 20
Nos. P7519, OC7519 & DB7519.. " 13 80
Nos. P7522, OC7522 & DB7522.. " 2 15
Nos. P7524, OC7524 & DB7524.. " 3 60
Nos. P7526, OC7526 & DB7526.. " 4 30

Per doz.

Knobs—Nos. P7542, OC7542 & DB7542.. $9 00
Sash Lifts—Nos. P7563, OC7563 & DB7563 1 80
Draw. Pulls—Nos. P7566, OC7566 & DB7566 6 00
Push Plates—Nos. P7555, OC7555 &DB7555 9 60
Push But.—Nos. P7557, OC7557 & DB7557 6 00

We do not guarantee prices.

Page

383 **LOCK SETS.**

New page dated October 1, 1908.

Nos. OC769 & DB769.....per dozen sets $17 40
Nos. .....OC7614 & DB7614 OC7618 & DB7618
Per set $3 25 8 10
Nos. .....OC7619 & DB7619
Per set $15 00
Nos. .....OC7622 & DB7622 OC7624 & DB7624
Per set $2 05 3 00
Nos. .....OC7626 & DB7626
Per set $2 40

TRIMMINGS.

Knobs—Nos. OC7642 & DB7642...per doz. $9 00
Sash Lifts—Nos. OC7663 & DB7663 " 1 80
Draw Pulls—Nos. OC7666&DB7666 " 6 60
Push Plates—Nos. OC7655& DB7655 " 9 60
Push But.—Nos. OC7657&DB7657 " 7 20

387 **LOCK SETS.**

New page dated October 1, 1908.

No. SC919.....per dozen sets $19 20
Nos. SC9114 SC9118 SC9119 SC9122
Per set $3 20 6 70 12 00 2 15
Nos. SC9124 SC9126
Per set $3 95 4 55

TRIMMINGS.

Knobs—No. SC9142.....per dozen $10 80
Sash Lifts—No. SC9163 ..... " 3 40
Drawer Pulls—No. SC9166..... " 6 50
Push Plates—No. SC9155 ..... " 12 60
Push Buttons—No. SC9157 .... " 10 80

388 **LOCK SETS.**

New page dated October 1, 1908.

No. SC939 .....per dozen sets $19 20
Nos. SC9314 SC9315 SC9318 SC9319 SC9322
Per set... $3 20 5 70 7 20 13 20 2 15
Nos. SC9324 SC9326
Per set $4 20 4 80

TRIMMINGS.

Knobs—No. SC9342 .....per dozen $10 20
Sash Lifts—No. SC9363 ..... " 4 30
Drawer Pulls—No. SC9366..... " 7 20
Push Plates—No. SC9355 ..... " 12 60
Push Buttons—No. SC9357..... " 12 60

389 **LOCK SETS.**

New page dated October 1, 1908.

No. SC949 .....per dozen sets $19 20
Nos. SC9414 SC9418 SC9419 SC9422
Per set $3 30 6 70 12 00 2 15
Nos. SC9424 SC9426
Per set $3 95 4 55

TRIMMINGS.

Knobs—No. SC9442 .....per dozen $10 80
Sash Lifts—No. SC9463 ..... " 3 60
Drawer Pulls—No. SC9466..... " 6 50
Push Plates—No. SC9455 ..... " 13 20
Push Buttons—No. SC9457 .... " 10 80

401 **BARN DOOR LATCHES.**

New page dated March 1, 1910.

Nos. 25 15 126 75
Per dozen $1 45 90 1 60 3 60
Nos. 87 29 35 45 55
Per dozen $2 15 3 30 3 60 5 75 2 40

402 **BARN DOOR HOLDERS.**

New page dated March 1, 1910.

Nos. 5 24 3 4 1
Per dozen $1 30 60 40 40 40

THUMB LATCHES.

Nos. 12 10 112 110 0 1
Per dozen $0 42 60 60 75 42 50
Nos. 2 3 4 28 290 105
Per dozen $0 60 65 80 80 1 50 2 15

403 **STORE DOOR HANDLES.**

New page dated Oct. 1, 1909.

Nos. 10 20 30 180 80
Per dozen $1 20 1 35 1 95 2 05 2 50
Nos. B1089 B1090 P7089 P7090 OC7090
Per set..$0 55 1 60 1 80 3 35 3 60

STORE DOOR HASPS.

No. 100.....per dozen $12 00

404 **STORE DOOR LOCK SETS.**

New page dated Oct. 1, 1909.

Nos. ...B1093 B1094 P1293 OC1293 SC1293
Per set.$2 15 2 90 2 30 2 40 2 40
Nos. ...J1093 P7093 OC7093 P7094 OC7094
Per set.$2 70 4 80 5 40 5 70 6 50

405 **STORE DOOR LOCK SETS.**

New page dated Oct. 1, 1909.

Nos. OC5193 OC51414 OC53393 OC53414
Per set .. $3 00 6 00 3 30 6 25

406 **STORE DOOR LOCK SETS.**

New page dated Oct. 1, 1909.

Nos. P7793 OC7793 DB7793
Per set $4 80 4 80 4 80
Nos. P75414 OC75414 F13414
Per set $8 40 8 40 7 20
Nos. P76414 OC76414 DB76414
Per set $8 40 8 40 8 40

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STORE DOOR LOCK SETS.

New page dated Oct. 1, 1909.

Nos.	P90414	OC90414	SC91414	OC92414
Per set	$10 80	10 80	10 20	12 00
Nos.	SC92414	P96414	OC96414	DB96414
Per set	$12 00	11 40	11 40	11 40

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STORE DOOR LOCK SETS.

New page dated Oct. 1, 1909.

Nos.	SC93414	OC94414	DB94414	OC98414
Per set.	$10 80	10 20	10 20	12 60
Nos.	DB98414	DB97414	SC97414	
Per set	$12 60	12 00	12 00	

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DOOR BELLS.

New page dated October 1, 1908.

Nos.	41	60	42	43	49
Per dozen	$4 20	6 00	4 30	4 30	7 20
Nos.	47	54	40	21	50
Per dozen	$7 20	4 50	7 50	10 80	10 80
Nos.	51	20	22	30	31
Per dozen	$10 80	9 00	9 00	13 80	13 80

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DOOR BELLS.

New page dated October 1, 1908.

Nos.	14	45	46	55	56 204
Per doz.	$3 90	5 45	7 80	10 90	15 60 6 60

LOCOMOTIVE GONGS.

Inches	6	8	10
Per dozen	$15 60	29 80	54 42

SPEAKING TUBE WHISTLES.

No. 17 ..... per dozen $2 40

LETTER BOX PLATES.

Nos.	200	P188 OC188	SC188
Per dozen	$1 50	5 75 6 30	6 90

INSIDE PLATES FOR ABOVE.

Nos.	P188 OC188	SC188	
Per dozen	$1 90	2 40	2 70

HOUSE NUMBERS.

Nos.	10	11	15	16	20	22
Each	$0 09	10	04½	05½	15	15

PUSH BUTTONS.

Nos.	P157	OC157	SC157	P57
Per dozen	$1 30	1 40	1 40	1 50

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MAIL BOXES.

New page dated March 1, 1910.

Nos.	34	35	45	55	5	
Per dozen	$1 80	2 40	4 50	4 50	4 20	
Nos.	03	15	25	106	108	
Per dozen	$5 40	7 20	5 75	7 20	8 65	
Nos.	110	112	114	102	104	
Per dozen	$9 30	15 60	16 20	12 60	16 80	

Page 414B

MAIL BOXES.

New page dated March 1, 1910.

Nos.	300	200	100	33
Per dozen	$7 20	7 20	6 60	9 10
No. 200			each	$0 70
No. 100			"	65
Nos.	60	410	400	
Per dozen	$10 80	6 90	7 20	

Nos. 410 and 400 F. O. B. St. Louis, Mo.

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MAIL BOXES.

New page dated October 1, 1908.

Erase entire page—goods now shown on new pages.

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SASH LIFTS.

New page dated October 1, 1908.

Nos.	1840	1845	B162	B162½	P162	OC162
Per dozen	$0 12	15	30	40	25	30
Nos.	DB162	AB162	SC162	F162	N162	P62½
Per dozen	$0 25	30	30	50	35	45
Nos.	A62½	DB62½	AB62½	OC62½	SC62½	P62
Per d.	$0 45	50	50	50	55	1 00
Nos.	OC62	SC62	N62	810	P0710	OC0710
Per dozen	$1 15	1 15	1 10	95	2 35	2 50
Nos.	SC0710	B163	P163	OC163	SC163	DB163
Per doz.	$2 65	70	35	40	40	40
Nos.	AB163	P63	OC63	SC63	B195	OC193
Per dozen	$0 40	60	60	65	1 00	55
Nos.	P194	OC194	SC194	F194	P94	P196
Per dozen	$0 60	65	65	95	2 40	65
Nos.	OC196	SC196	DB196	AB196	P96	OC96
Per dozen	$0 65	65	65	65	3 50	3 50
Nos.	SC96	DB96	AB96	P195	OC195	SC195
Per dozen	$3 50	3 50	3 50	1 10	1 10	1 10
Nos.	F195	A95	P95	OC95	SC95	
Per dozen	$1 55	2 95	2 95	3 10	3 10	

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SASH LOCKS.

New page dated October 1, 1908.

Nos.	900	P900	A900	OC900	OC950	SC900
Per dozen	$0 50	60	60	60	1 25	80
Nos.	DB900	AB900	N900	F900	P1000	A1000
Per dozen	$0 60	60	1 45	1 30	2 65	2 65
Nos.	OC1000	DB1000	SC1000	AB1000	N1000	1030
Per d.	$2 75	2 75	2 75	3 00	3 25	45
Nos.	1090	1103	1120	540	P540	OC540
Per dozen	$1 10	90	1 30	50	55	55
Nos.	SC540	DB540	AB540	SB540	F540	P550
Per dozen	$0 65	65	65	65	65	1 30
Nos.	OC550	SC550	DB550	AB550	B540	0305
Per dozen	$3 95	4 20	4 10	4 10	1 55	45
Nos.	19	570	571	573	100	
Per dozen	$0 85	60	1 30	1 30	50	
Nos.	190	180	P111	OC111	DB111	
Per dozen	$0 80	85	2 40	2 40	2 40	

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SASH WEIGHTS.

New page dated October 1, 1908.

Market price.

SASH CORD IRONS.

No. 10	per gross	$0 35
No. 20	"	1 50

SASH WEIGHT FASTENERS.

No. 30 ..... per gross $0 70

STOP SCREWS AND WASHERS.

Nos.	1	2	3	7	8	4	6
Per gross	$0 80	80	90	95	95	1 20	2 40

WINDOW STOP ADJUSTERS.

Nos.	733½	734	748	749	749½
Per gross	$1 90	2 60	2 00	2 00	2 20
Nos.	750	751	752	750½	
Per gross	$2 40	2 65	2 50	2 70	

BASEMENT WINDOW FASTENERS.

No. 5	per dozen	$0 55
No. 13	per dozen sets	2 05

WINDOW SPRING BOLTS.

Nos.	200	250	100	150	175
Per gross	$1 20	1 70	2 05	1 80	2 70

BOLT SOCKETS.

No. 1 ..... per gross $0 40

SASH CENTERS.

No. 1	per gross sets	$2 35	
No. 2	" "	4 15	
Nos.	43	44	45
Per dozen sets	$0 60	95	1 60

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SASH ROLLERS.

New page dated October 1, 1908.

No. 5—width, in.	⅝	¾	⅞	1	
Per gross	$1 50	1 60	2 40	3 35	

TRANSOM PINS.

No. 23 ..... per dozen $0 90

TRANSOM CHAINS.

No. P88	per dozen	$2 30
No. OC88	"	2 70

WINDOW ADJUSTERS AND CATCHES.

Nos.	C190	P190	A190	OC190	DB190
Per dozen	$3 70	5 10	5 10	5 10	5 10
Nos.	AB190	SC190	J1680	P1680	A1680
Per dozen	$5 10	5 30	1 25	2 70	2 95
Nos.	OC1680	SC1680	DB1680	AB1680	P1684
Per doz.	$2 80	2 95	2 80	2 80	2 80
Nos.	A1684	OC1684	SC1684	DB1684	AB1684
Per doz.	$2 80	2 80	2 95	2 80	2 80

SASH LIFTS AND VENTILATORS.

Nos. OC630, DB630 and P630 ..... Erase

SASH PULL SOCKETS.

Nos.	P160	OC160	F160
Per dozen	$0 40	50	70

SASH PULL PLATES.

Nos.	P161	OC161	DB161	AB161	SC161	F161
Per doz.	$0 35	40	40	45	40	1 70
Nos.	P61	OC61	SC61	DB61	AB61	
Per dozen	$0 65	70	80	70	80	

SASH PULL HOOKS.

Nos.	P159	OC159	DB159	AB159
Per dozen	$1 80	1 90	1 90	2 00
Nos.	SC159	F159	A59	P59	OC59
Per dozen	$2 00	4 20	3 00	3 00	3 20

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TRANSOM LIFTERS.

New page dated October 1, 1908.

Nos.	303	304	314	315	
Each	$0 15	15	25	30	
Nos.	316	325	326	336	
Each	$0 35	40	45	85	
Nos.	203	204	214	215	216
Unpolished, each	$0 25	25	35	40	45
Polished, each	35	35	45	50	60
Nos.	225	226	228	236	237	238
Unpolished, ea.	$0 50	55	70	1 10	1 15	1 25
Polished, each	65	70	95	1 45	1 50	1 65

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WINDOW CATCHES.

New page dated October 1, 1908.

Nos.	115½	215½	B172	P172	OC172
Per dozen	$0 50	50	70	1 15	1 15
Nos.	SC172	DB172	AB172	P72	OC72
Per dozen	$1 20	1 15	1 15	2 10	2 30
Nos.	SC72	A72	DB72	AB72	427
Per dozen	$2 30	2 10	2 30	2 30	55
Nos.	3031	B173	B173½	P173	OC173
Per dozen	$0 55	95	95	1 20	1 20
Nos.	SC173	DB173	AB173	N173	F173
Per dozen	$1 30	1 20	1 20	1 80	1 90
Nos.	OC173½	P73	OC73	SC73	A73
Per dozen	$0 95	2 15	2 50	2 50	2 30
Nos.	DB73	AB73	N73	B172½	P172½
Per dozen	$2 50	2 50	2 70	1 15	2 40
Nos.	OC172½	SC172½	DB172½	AB172½	F172½
Per d.	$2 65	2 90	2 70	2 70	3 30
Nos.	P72½	OC72½	SC72½	DB72½	AB72½
Per dozen	$3 00	3 30	3 30	3 30	3 30

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CUPBOARD TURNS.

New page dated October 1, 1908.

Nos.	71	274	81	322	103	303
Per dozen	$1 20	1 50	1 75	1 20	85	85
Nos.	B174	B174½	P174	OC174	SC174	DB174
Per doz.	$1 40	1 40	1 60	1 60	2 10	1 60
Nos.	AB174	N174	F174	OC174½	P74	
Per dozen	$1 60	2 20	3 60	1 60	3 70	
Nos.	OC74	SC74	A74	DB74	AB74	N74
Per dozen	$4 10	4 10	3 74	4 10	4 10	4 50

SHUTTER BARS.

Nos.	30	31	913	914	P67	OC67
Per dozen	$0 40	55	1 80	2 05	1 45	1 50

MORTISE DOOR BOLTS.

Nos.	8	14	15	16	016	2 9½
Per dozen	$1 15	1 65	2 00	2 15	2 40	4 50 2 50
Nos.	09	09½	10	08	3	3½ 13½
Per dozen	$2 50	2 50	2 50	3 30	4 55	4 55 4 55

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DOOR BOLTS.

New page dated October 1, 1908.

Sizes	2½	3	4	5	6	8
No. 500.	per dozen $		40	50	65	80
No. 406.	"	65	75	90	1 00	1 15
No. 1078	"	40	55	60	65	80
No. 1084	"			65	85	95 1 85
No. 261.	"	80	90	1 05	1 25	

No. 1078—2 in. ..... per dozen $0 40

Nos.	B198	B199	B100	69	70 71
Per dozen	$1 70	1 90	2 10	3 30	3 60 4 30
Nos.	72	0	1	2	3 4
Per dozen	$4 80	45	50	55	65 70
Nos.	5	6	7	18	19 20
Per dozen	$0 85	90	1 10	90	1 10 1 30
Nos.	21	47	48	49	151	152 153
Per doz.	$1 60	50	55	60	1 90	2 15 2 85

Sizes	4	5	6	7
No. 1088 ..... per dozen	$0 85	90	1 00	
No. 1090 ..... "			1 00	
No. 1092 ..... "			1 30	1 80
No. 1094 ..... "			1 30	1 80

Sizes	8	10	12	
No. 1088 ..... per dozen	$1 40	2 30		
No. 1090 ..... "	1 40	2 40		
No. 1092 ..... "	1 95	2 95		
No. 1094 ..... "	1 95	2 95	3 60	
No. 2258 ..... per dozen			$1 65	
No. 2260 ..... "			2 10	

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CHAIN BOLTS, DOOR GUARDS, ETC.

New page dated October 1, 1908.

Length, in.	3	4	5		
No. 1 ..... per dozen	$0 55	70	85		
Nos.	106	108	110	19	21 23
Per dozen	$2 10	2 50	3 60	2 10	2 50 3 10
Nos.	B101	B102	P100½	P101	P102	OC100½
Per d.	$3 90	4 30	4 45	5 50	6 60	4 60
Nos.	OC101	OC102	DB100½	DB101	P102½	P103
Per d.	$6 00	6 95	4 60	6 00	3 90	4 70
Nos.	P104	OC102½	OC103			
Per dozen	$5 10	4 30	5 10			
Nos.	OC104	DB102½	DB103			
Per dozen	$5 70	4 30	5 10			
Nos.	125	126	B102½	B103	B104	145
Per dozen	$2 40	2 90	3 40	3 60	3 80	2 10
Nos.	B184	OC184	50	101	104	106
Per dozen	$4 20	3 60	6 00	3 00	6 00	6 00

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FLUSH BOLTS.

New page dated October 1, 1908.

Nos.	11	12	14	24	
Per dozen	$0 60	70	90	1 05	
Nos.	26	34	36	46	48
Per dozen	$1 50	1 50	2 10	2 50	3 40
Length, in.	6	8	10		
No. 55 ..... per dozen	$1 20	1 40	1 70		
Nos.	B109	B110	B111		
Per dozen	$2 50	3 20	4 10		
Length, in.	6	9	12	15	18
No. 1030.	per doz.	$1 80	2 05	erase	3 50	3 85
No. 1034	"	2 60	2 95	3 25	3 50	3 85
Nos.	P109	P110	P111	OC109	OC110	OC111
Per doz.	$4 20	4 50	erase	4 80	5 30	6 00
Nos.	SC109	SC110	SC111	DB109	DB110	
Per dozen	$5 10	5 70	6 40	4 80	5 30	
Length	9	12	18	24		
No. 1012.	per dozen	$5 70	5 95	6 40	7 10	
No. 1005.	"	5 70	5 95	6 40	7 10	
Nos.	B183	OC183	SC183	DB183	AB183	F183
Per doz.	$10 80	10 10	10 80	10 80	11 50	14 40
Nos.	P83	A83	OC83	SC83	DB83	AB83
Per doz.	$12 25	12 25	13 00	13 25	13 70	14 40

8 to 36 in all numbers. ..... per dozen $2 15

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DOOR BUTTONS.

New page dated October 1, 1908.

Length, in.	1½	1¾	2	2½	
No. 35.	per gross	$0 30	35	45	90
No. 4	"	30	40	50	90
No. 25	"	3 85	4 25		
No. 15	"	1 50	1 55	2 15	

ELBOW CATCHES.

No. 124	per dozen	$0 30
No. 224	"	1 00

LIFTING HANDLES.

Nos.	517½	518½	2
Per dozen pairs	$2 05	3 60	70

(Continued on Next Page.)

Page

FLUSH AND TRAP DOOR RINGS.

Width	1⅛	1¼	1⅜	1½
No. 5 ....per dozen	$1 20	1 30	1 45	1 55
Nos.		1	2	3
Per dozen	$0 65	85	1 20	

CHEST HANDLES.

Nos.	42	44	20	23	24
Per dozen pairs	$1 25	1 55	60	85	1 10
Nos.	25	1	2	18	19
Per dozen pairs	$1 50	1 80	2 40	1 10	1 15
Nos.	21	22	32	044	54
Per dozen pairs	$1 45	2 10	1 00	1 30	1 80

427 **BOX HINGES.**

New page dated October 1, 1908.

Nos.	6	7	8	22	32	74
Per dozen pairs	$0 18	45	70	45	80	80
Nos.	19	1	2	11	13	93
Per dozen pairs	$0 45	45	60	35	70	70
Nos.	23	99	102	77	155	78
Per dz. pr.	$1 00	1 45	1 15	1 80	2 25	2 50

WATER CLOSET SEAT HINGES.

No. 133 .....per dozen pairs $3 60

428 **BOX CORNERS.**

New page dated October 1, 1908.

Nos.	479	480	483	481	496	482	486
Per dozen	$0 30	30	80	45	60	70	2 15

No. 475—Corner Straps.....per dozen $0 70

BOX STRAPS.

No. 865	.....per dozen	$0 30
No. 866	"	35

SIDE STRAP HINGES.

Nos.	1037	1038	1039
Per dozen pairs	$0 70	90	1 10

SIDE STRAPS.

Nos.	80	81	82
Per dozen pairs	$1 35	1 50	1 55

BOX HANDLES.

Nos.	235	234	236	237
Per dozen pairs	$3 45	3 60	5 75	6 80
Nos.	238	240	241	242
Per dozen pairs	$7 55	9 00	10 80	14 40

HINGE HASPS.

Nos.	801	802	850	803
Per dozen	$0 40	45	55	55

429 **HINGE HASPS.**

New page dated October 1, 1908.

Nos.	804	840	808	875	874	876
Per dozen	$0 70	1 00	2 15	3 45	4 25	5 15

FLAT CORNERS, ETC.

Sizes	2x⅜	2½x⅝	3x⅝	2½x1½
No. 999....per dozen	$0 12	13	14	16
Sizes	3x¼	3x⅜	3½x⅝	4x⅝
No. 999....per dozen	$0 17	17	19	20
Sizes	3½x¾	4x¾	4x⅞	5x⅞ 5x1
No. 999....per dozen	$0 24	26	30	35 35
Nos.				421 422 423
Per dozen				$0 30 45 50
Sizes	1x1½	1½x½	2x⅝	2½x⅞
No. 997....per dozen	$0 08	13	16	20
Sizes	3x¾	4x⅞	5x1	6x1½
No. 997....per dozen	$0 26	40	65	75
Nos.				400 401 402
Per dozen				$0 25 30 35

ESCUTCHEONS.

Nos.	552	557	551	545	572	573
Per dozen	$0 14	18	22	25	25	25

430 **SHUTTER KNOBS AND DRAWER PULLS.**

New page dated October 1, 1908.

Nos.	B71	P70	OC70	SC70	DB70
Per dozen	$0 55	1 30	1 40	1 40	1 40
Nos.	AB70	P71	OC71	SC71	
Per dozen	$1 40	1 70	1 80	1 80	
Sizes, in.	⅝	¾	1	1¼	1½
No. 70. per gross	$1 30	1 30	1 40	2 10	2 55
Sizes, in.	1	1¼	1½	1¾	2
No. 95. per gross	$3 50	4 45	5 15	6 35	erase
No. 1387. per dz.	35	40			
Nos.	5252	6252	7252	5454	6454	7454
Per dozen	$0 60	75	75	90	1 00	1 00
Sizes			¾	1⅜	1¾	
No. 5708	.....per dozen	$1 40	1 70	1 90		
Nos.				321	322	323
Per dozen				$0 45	45	45
Sizes			1	1¼	1½	
No. 1385	.....per dozen	$0 60	65	80		
Nos.	1	2	3	2596	069	N069
Per dozen	$0 25	30	35	25	45	50
Nos.			070	1441	884	N884 10039
Per dozen			$0 45	40	65	70 1 05
Nos.	20039	30039	10011	20011	30011	
Per dozen	$1 20	1 20	1 20	1 30	1 30	

The discounts quoted are based on the lists printed in our catalogue. In a great many instances the goods are sold net and will be so billed.

Page

431 **CABINET DRAWER PULLS.**

New page dated October 1, 1908.

Nos.	1471	1597	2597	1565	2565	1472
Per dozen	$0 30	30	35	35	35	40
Nos.	1457	1568	1453	1476	1506	1188
Per dozen	$0 40	40	40	40	40	50
Nos.	1129	N1129	2129	5665	1372	10074
Per dozen	$0 55	65	65	65	85	1 05
Nos.	1691	2091	5131	6131	7131	
Per dozen	$0 75	80	1 40	1 65	1 65	

432 **CABINET DRAWER PULLS, ETC.**

New page dated October 1, 1908.

Nos.	10029	20029	30029	5633
Per dozen	$1 65	1 85	1 85	1 55
Nos.	6633	5489	6489	20
Per dozen	$1 70	1 25	1 55	12
Nos.	1509	1474	983	1134
Per dozen	$0 18	16	19	19
Nos.	2134	607	1093	2093
Per dozen	$0 22	Erase	19	22
Nos.	1174	N1174	10024	20024 30024
Per dozen	$0 19	22	50	55 55

433 **DRAWER PULLS AND CARD HOLDERS.**

New page dated October 1, 1908.

Nos.	11	3715	3815	3825	3835	B182
Per dozen	$0 12	25	30	32	erase	85
Nos.	B179	B180	B181	3340	P179	P181
Per dozen	$0 55	65	70	45	30	35
Nos.	OC179	OC181	SC179	SC181	P182	OC182
Per doz.	$0 30	38	35	42	65	60
Nos.	SC182	DB182	AB182	F182	P82	OC82
Per doz.	$0 65	65	65	2 20	2 15	2 30
Nos.	SC182	DB182	AB182	F182	P82	OC82
Per dozen.	$0 65	65	65	1 50	2 15	2 30
Nos.	SC82	A82	DB82	AB82	P79	P80
Per dozen.	$2 40	2 15	2 30	2 30	30	erase
Nos.	P81	P240	OC240	SC240	DB240	AB240
Per doz.	$0 70	5 40	5 75	5 90	5 75	5 75
Nos.	P77	P78	5522½	5507½	1790½	1774
Per doz.	$0 45	55	30	30	35	40
Nos.	OC1774	1772½	5508½			
Per dozen	$0 60	18	22			
Nos.	1788½	5606½	OC5606½			
Per dozen	$0 40	30	50			

434 **CABINET HARDWARE.**

New page dated October 1, 1908.

Nos.	2½	10½	11½
Per gross	$2 30	2 20	2 10
Nos.	595	395	295	495	390	290	490
Per dozen.	$0 85	1 20	1 10	1 10	1 45	1 30	1 30
Nos.	31	21	41	25	26	27	
Per gross.	$3 15	2 80	2 80	1 30	1 25	1 20	
Nos.	30	32	20	22	40	42	
Per gross.	$3 15	3 00	2 90	2 75	2 90	2 75	

No. 045—Door Bolt.....per dozen $0 65
No. 035—Door Bolt..... " 35
No. 108—Shelf Supports.....per gross 30

435 **REFRIGERATOR LOCK.**

New page dated October 1, 1908.

Nos	1560	1339	1670	1669
Per dozen	$3 95	4 60	5 30	6 35

REFIGERATOR HINGES.

Nos.	1320	1547	1398	1672	1671
Per dozen pairs.	$2 15	2 75	3 85	5 30	6 25

REFRIGERATOR LATCHES.

Nos.	90	95	92	98
Per dozen	$2 40	2 90	3 90	5 75

ICE BOX FASTENERS.

Length lever—Inches	6	9	12
No. 91 .....per dozen	$3 35	5 60	7 50
No. 101 ..... "	4 55	7 50	9 30
No. 801 ..... "	8 10	15 30	25 30

436 **HAT, COAT AND HARNESS HOOKS.**

New page dated October 1, 1908.

Nos.	600	700	800	070	080
Per gross	$0 60	65	80	70	85
Nos.	1160	1170	1180	470	75
Per gross	$1 05	1 10	1 35	1 20	1 00
Nos.	80	76	78	180	185
Per gross	$1 10	1 25	1 30	1 50	1 55
Nos.	10	P187	OC187	SC187	P87
Per dozen	$0 80	45	55	60	1 95
Nos.	OC87	SC87	P153	OC153	
Per dozen	$2 00	2 25	1 55	1 55	
Nos.	1	2	3		
Per gross	$2 10	2 80	3 30		
Nos.	1082	1083	1080	1081	
Per dozen	$0 85	95	70	80	
Nos.	1081½	1084	7	10	
Per dozen	$0 90	1 90	1 15	1 70	

437 **YALE PATTERN HAT AND COAT HOOKS.**

New page dated March 1, 1910.

Nos.	1011	1021	12	22	1031	1041
Per dozen	$0 70	80	80	95	1 55	1 60
Nos.	1051	1032	1042	1052	1053	1066
Per doz.	$3 50	3 40	3 95	6 25	7 80	15 60

438 **GARMENT HANGERS.**

New page dated March 1, 1910.

Nos.	12	50	15	34	32	1	61
Per d.	$1 00	75	1 20	1 35	2 35	2 50	2 90
Nos.	5	10	30	22	21	60	70
Per d.	$0 95	30	35	1 10	3 35	3 00	4 20
Nos.				20	24	25	101
Per dozen				$1 35	1 35	1 35	1 90

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439 **CHANDELIER HOOKS.**

New page dated October 1, 1908.

Nos.	9	B113	B114	24	600	114	116
Per dozen.	$0 45	1 45	1 80	70	50	80	1 10

CEILING HOOKS.

Nos.	2	102	4	6
Per gross	$1 60	1 00	1 00	1 10

HAMMOCK HOOKS.

Nos.	98	100	94	96	258	268
Per dozen	$0 35	40	35	40	1 70	1 50

CLOTHES LINE HOOKS.

Nos.	3	2	20	1	10
Per dozen	$0 28	30	50	65	95

DOOR PULLS.

Nos.	263	1263	J102	J202	P102
Per gross	$0 85	95	2 05	1 90	3 00
Nos.	P202	OC102	OC202	1105	
Per gross	$2 80	3 00	2 80	3 00	
Nos.	7	10	502		
Per dozen	$0 25	30	1 80		

440 **LOOSE PIN BUTTS.**

New page dated October 1, 1908.

Size—Inches	2x2	2½x2½	3x3	3½x3½
No. P47....per pair $		13	14	15
No. OC47... "	12	12	13	14
No. DB47... "		12	14	15
No. AB47... "		13	14	15
No. SC47... "	14	14	14	15
No. A47.... "	14	14	15	15
No. F47..... "			40	43

Size—Inches	4x4	4½x4½	5x5
No. P47 .....per pair	$0 16	27	32
No. OC47 ..... "	16	27	32
No. DB47 ..... "	16	27	
No. AB47 ..... "	16	27	
No. SC47 ..... "	17	28	34
No. A47 ..... "	16	27	32
No. F47 ..... "	52	65	80

No. 50, all sizes.....Erase

Nos.	731	731½	733
2x2 .....per dozen pairs	$0 67	85	
2½x2½ ..... "	82	1 05	erase
3x3 ..... "	95	1 20	1 40
3½x3½ ..... "	1 08	1 40	1 62
4x4 ..... "	1 35	1 75	2 00
4½x4½ ..... "	1 62	2 09	2 35
5x5 ..... "	2 02	2 75	

Nos.	P40	OC40	SC40	A40	DB40	AB40
2½x2½..per pr.	$0 85	95	1 00	85		
3x3 .... "	1 20	1 30	1 40	1 20	1 30	1 30
3½x3½.. "	1 40	1 55	1 62	1 40	1 55	1 55
4x4 .... "	1 75	1 90	2 05	1 75	1 90	1 90
4½x4½.. "	2 05	2 30	2 40	2 05	2 30	2 30
5x5 .... "	2 40	2 65	2 75	2 40		

441 **WROUGHT STEEL BUTTS.**

New page dated October 1, 1908.

Sizes	3½x3½	4x4	4½x4½	5x5
No. WB48.....per pair	$0 55	60	65	70
No. OC48..... "	55	60	65	70
No. SC48..... "	58	64	70	75

Sizes	2	2½	3
No. 295.....per dozen pairs	$1 25	1 35	1 60
No. OC295.... "	1 40	1 50	1 75
No. SC295.... "	1 55	1 70	1 90
No. DB295.... "	1 40	1 70	1 90
No. AB295.... "	1 40	1 70	1 90
No. N295 .... "	2 50	2 85	

Sizes	2x2	2½x2	2½x2½	3x3
No. 289..per doz. pairs	$1 40	1 45	1 50	
No. F289. "	2 65	2 95	3 25	4 05
No. OC289 "	1 55	1 60	1 65	
No. SC289 "	1 70	1 75	1 80	
No. DB289 "	1 55	1 60	1 65	
No. AB289 "	1 55	1 60	1 65	

Sizes	2½	3	3½	4
No. OC124.....per pair	$0 18	22	25	30

Sizes	2x2	2x2½	2½x2
No. 804 ...per dozen pairs	$0 38	42	45

Sizes	2½x2½	2½x3
No. 804.....per dozen pairs	$0 50	60

Sizes	3x2½	3x3	3x3½	3½x3
No. 804.per doz. prs.	$0 60	70	80	95

Sizes	3½x3½	4x3½	4x4	4½x4½
No. 804.per doz. prs.	$1 05	1 25	1 30	1 65

No. 804—5x5 .....per dozen $2 15

Sizes	2x2	2½x2½	2½x3
No. 834 . ..per dozen pairs	$0 38	50	60

Sizes	3x2½	3x3	3½x3½
No. 823.....per dozen	$0 88	92	1 10

Sizes	4x4	4½x4½	5x5
No. 823.....per dozen pairs	$1 25	1 60	2 10

In a great many instances we have quoted discounts, for convenience, on lines which are sold at net prices. All such goods will be billed net.

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WROUGHT STEEL BUTTS.

New page dated October 1, 1908.

No. 800—Inches	1	1¼	1½	1¾	2
Per dozen pairs	$0 12	14	19	20	26
No. 800—Inches	2¼	2½	2¾	3	3½
Per dozen pairs	$0 30	32	36	40	58
No. 800—Inches	4	4½	5	5½	6
Per dozen pairs	$0 85	1 10	1 35	Erase	Erase
No. 838—Inches	1	1¼	1½	1¾	2 2¼
Per dozen pairs	$0 11	14	18	21	25 28
No. 838—Inches	2½	3	3½	4	4½ 5
Per doz. pairs	$0 30	40	55	80	1 05 1 30
No. 808—Inches				2½	3 3½
Per dozen pairs				$0 45	65 95
No. 284—Inches	1½	1¾	2	2¼	2½ 3
Per dozen pairs	$0 34	38	42	46	51 57
No. OC284—Inches				2	2½ 3
Per dozen pairs				$0 72	80 1 05
No. SC284—Inches				2	2½ 3
Per dozen pairs				$0 90	1 00 1 40
No. DB284—Inches				2	2½ 3
Per dozen pairs				$0 70	$0 1 05
No. 840—Inches	1½	1¾	2	2½	3
Per dozen pairs	$0 24	26	28	38	48
No. 286—Inches	1½	2	2½	3	
Per dozen pairs	$0 60	75	90	1 00	
No. OC286—Inches	1½	2	2½	3	
Per dozen pairs	$0 80	90	1 10	1 35	
No. SC286—Inches	1½	2	2½	3	
Per dozen pairs	$0 95	1 10	1 25	1 70	
No. DB286—Inches	1½	2	2½	3	
Per dozen pairs	$0 75	90	1 10	1 35	

Nos. AB284 and AB286—Erase all sizes.

443 **BUTTS.**

New page dated March 1, 1910.

Sizes	2x2	2½x2½	3x2½	3x3	
No. 510. per dz. pairs $	48	58	63		
No. 550. "	36	48	63		
Sizes	3½x3	3½x3½	4x4	4½x4¼	
No. 510. per doz. pairs	$0 78	85	1 05	1 45	
No. 550. "		85	1 05		
Sizes	1	1⅛	1¼	1⅜	1½
No. 810. per dozen pairs $		27	30	33	35
No. 842.. " "	18	19	20	22	24
No. 332.. " "		45	48	52	
No. 814.. " "	27	30	33	37	41

Wrought Narrow.

Inches	½	¾	⅞	1	1¼	1½
Per dozen pairs	$0 12	13	14	16	22	25
Inches	1⅜	2	2¼	2½	2¾	3
Per doz. pairs	$0 32	38	54	68	96	1 20

Wrought Middle.

Inches	¾	1	1¼	1½	1¾
Per dozen pairs	$0 14	18	23	29	36
Inches	2	2¼	2½	2¾	3
Per dozen pairs	$0 44	62	82	1 10	1 45

Wrought Broad.

Inches	1	1¼	1½	1¾	
Per dozen pairs	$0 19	26	32	41	
Inches	2	2¼	2½	2¾	3
Per dozen pairs	$0 50	72	96	1 25	1 68

Wrought Desk.

Inches	1	1¼	1½	1¾	1½
Per dozen pairs	$0 29	35	41	52	57

444 **BUTTS AND HINGES.**

New page dated March 1, 1910.

Nos 1312 ..... per dozen pairs $1 30

Narrow Butts.

No. 1315—Sizes, in		2x1¾	2½x1¾
Per dozen pairs		$1 10	1 40
Nos.	374	1430	OC1430
Per dozen pairs	$1 30	1 20	1 30

Fancy Hinges.

Nos.	P2726	OC2726	DB2726	SC2726
Per doz. pairs	$1 20	1 20	1 20	1 30
Nos.	P2727	OC2727	DB2727	SC2727
Per doz. pairs	$1 20	1 20	1 20	1 30

Clover Leaf Hinges.

Nos.	300	420	430	OC420	OC430
Per dozen pairs	$4 20	60	85	1 20	1 45

Show Case Hinges.

No. 1	per dozen pairs	$0 90
No. 6	"	2 15

Spring Hinges.

Nos.	3	702	703	705
Per dozen pairs	$1 50	2 25	3 00	5 05
Nos.	13	712	713	715
Per dozen pairs	$3 50	4 50	5 60	10 80

445 **SPRING HINGES.**

New page dated October 1, 1908.

Nos.	62¼	63	64	65	66	82
Per pair	$0 60	62	72	92	1 30	1 15
Nos.	83	84	85	86	87	2884
Per pair	$1 28	1 40	1 80	2 50	3 20	1 70
Nos.	2885	2886	2887	2684	2685	2686
Per pair	$2 20	3 10	3 95	2 60	2 50	3 50
Nos.	2687	173	174	175	176	177
Per pair	$4 50	51	63	80	1 15	erase
Nos.	178	1673	1674	1675	1676	1677
Per pair	Erase	75	1 00	1 15	1 60	2 05
Nos.	1678	1873	1874	1875	1876	1877
Per pair	$2 90	65	75	1 00	1 40	1 80
Nos.	1878	193	194	195	196	197
Per pair	$2 60	1 05	1 25	1 60	2 05	erase
Nos.	198	1693	1694	1695	1696	1697
Per pair	Erase	1 38	1 80	2 25	2 15	4 60
Nos.	1698	1893	1894	1895	1896	1897 1898
Per pair	$5 75	1 30	1 55	2 00	2 75	3 50 5 10

Page

Nos.	2002	2172	2001	2171
¾ to 1 in. per pair	$0 54	80	1 10	1 50
⅞ to 1¼ in. "	65	95	1 35	1 90
1⅛ to 1½ in. "	85	1 20	1 60	2 40
1¼ to 1⅝ in. "	1 20	1 70	2 35	3 30
1⅝ to 2 in. "	1 58	2 15	3 00	4 30
1½ to 2¼ in. "	2 20	3 00	4 40	6 05

446 **CHICAGO SPRING AND BLANK BUTTS.**

New page dated October 1, 1908.

Door	⅞ to 1	1⅛ to 1¼	1⅜ to 1½
No. 1½ per pair	$1 10	1 35	2 65
Springs each	0 25	25	36
No. 131½ per pair	1 35	1 60	2 65
No. 171½ "	1 85	2 20	3 10
No. 181½ "	2 00	2 50	3 35
No. 3½ "	55	65	1 10
No. 133½ "	65	80	1 35
No. 173½ "	95	1 10	1 60
No. 183½ "	1 00	1 25	1 65
Door		1¾ to 2	2¼ to 2½
No. 1½ per pair		$3 35	6 25
Springs each		42	
No. 131½ per pair		4 10	7 50
No. 171½ "		4 80	8 30
No. 181½ "		5 40	10 20
No. 3½ "		1 65	3 10
No. 133½ "		2 05	4 45
No. 173½ "		2 40	4 15
No. 183½ "		2 70	5 10

447 **DOUBLE ACTING FLOOR HINGES.**

New page dated October 1, 1908.

Nos.	2	4	452	454	302
Per set	$1 25	1 55	1 50	1 90	1 70
Nos.	304	DB302	DB304	AB302	AB304
Per set	$2 05	1 70	2 05	1 70	2 05
Nos.	252	254	352	354	01 02
Per set	$2 00	2 10	2 16	2 35	1 45 1 80
Nos.	811	812	611	612	1211 1212
Per set	$1 80	2 20	1 95	2 35	2 35 2 45
Nos.	2111	2112	2211	2212	20 40
Per set	$1 95	2 35	1 70	2 35	1 35 1 70
Nos.	120	140	42	44	15 17
Per set	$1 70	2 05	1 80	2 20	1 80 2 20

469 **SCREEN DOOR HINGES.**

New page dated March 1, 1910.

Nos.	7	4	60	711
Per dozen pairs	$0 72	72	95	85
Nos.	777	27	28	
Per dozen pairs	$0 85	3 30	5 40	
Nos.	B2000	B2001	B2002	B2003
Per pair	$0 50	55	65	65
Nos.	2005	3135	3175	3285
Per pair	$0 40	50	55	55
Nos.	900	902	903	
Per dozen pairs	$1 00	1 85	2 10	

470 **SCREEN DOOR SETS, LATCHES AND CATCHES.**

New page dated March 1, 1910.

Nos.	7S	44S	1750
Per dozen sets	$1 10	1 10	1 80

SCREEN DOOR LATCHES.

Nos.	P120	OC120	SC120	DB120
Dozen sets	$7 20	7 90	7 90	7 90
Nos.	AB120	P20	OC20	DB20
Dozen sets	$9 35	10 10	10 80	10 80

SCREEN DOOR CATCHES.

Nos.	3052	B115	P115	OC115
Per dozen sets	$1 60	3 10	6 60	6 70
Nos.	SC115	DB115	AB115	P15
Per dozen sets	$6 90	6 70	6 90	10 20

471 **DOOR CATCHES, SPRINGS AND CATCHES.**

New page dated March 1, 1910.

Nos.	00	50	60	70	S9	S7
Per dozen	$1 80	1 00	90	1 45	85	1 20
Nos.	S6	270	271	39	15	1 2
Per dz.	$1 75	1 55	2 40	1 45	1 20	25 25
Nos.	3	4	5	6	7	
Per dozen	$0 30	30	40	50	55	
Nos.	03	11	13	40		
Per dozen	$0 90	80	1 50	1 30		

Extra Brackets for No. 39.....per dozen $1 20

472 **DOOR CHECKS.**

New page dated March 1, 1910.

No. 10 ..... per dozen $1 10

Nos.	L0	L1	L2	A	B	C	D	E
Each	$0 89	1 80	2 50	2 90	3 85	4 50	5 40	7 20

No. 15 ..... per dozen $5 70

Nos.	1	2	3	4	5	6
Each	$2 90	3 85	4 50	5 40	7 20	9 00

RIXSON.

Nos.	A	B	C	D	E	4
Each	$2 25	3 80	4 55	6 05	7 55	7 55

473 **STORM SASH AND WINDOWS. SCREEN HANGERS.**

New page dated March 1, 1910.

Gossett	per dozen pairs	$0 85				
Nos.	019	1717	1721	1725	11	37
Per dozen sets	$1 10	90	90	90	90	75
Extra hooks for No. 019	per doz prs.	$0 60				
Lower sections for No. 1717..	"	50				
Lower sections for No. 37....	"	40				

474 **SASH AND SCREEN HANGERS. CATCHES AND FASTENERS.**

New page dated March 1, 1910.

Nos.	42	46	35	1	2	9
Per dozen	$0 90	90	45	35	50	75
Nos.	1726	1719	29			
Per dozen	$0 90	1 20	1 20			

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475 **BLIND HINGES, GATE HINGES AND LATCHES.**

New page dated March 1, 1909.

BLIND HINGES.

Nos.	1	3	5	50	65	1
Per dz. sts.	Erase	1 80	erase	1 30	2 30	1 50

BLIND HINGES.

No. 1647½	per dozen sets	$1 30
No. F, Blind Fasteners	per dozen	35

GATE HINGES AND LATCHES.

Nos.	1	1H	1L	
Per dozen sets	$2 80	2 20	90	
Nos.	2	2H	2L	3
Per dozen sets	$3 30	2 40	95	5 10

476 **GATE HINGES AND LATCHES AND MEAT HOOKS, ETC.**

New page dated March 1, 1909.

GATE HINGES AND LATCHES.

No. 4 ..... per dozen sets $7 80

GATE LATCHES.

Nos.	10	14	16	6
Per dozen	$0 40	1 20	1 20	1 70

GATE HINGE.

No. 2750 ..... per dozen pairs $10 80

BUTCHERS' BLOCK SCRAPERS.

No. 315	per dozen	$6 60
No. 316	"	6 20

BUTCHERS' BLOCK PINS.

No. 4 ..... per dozen $3 90

MEAT HOOKS.

Nos.	30	40	50	5	4	3 22
Per gross	$2 35	3 45	4 55	1 95	2 35	3 45 9 60

477 **HASP LOCKS.**

New page dated Oct. 1, 1909.

No. 7	per dozen	$3 30
No. 8	"	4 20

HASPS AND STAPLES.

Inches	5	6	7	8	9	10	
No. 10....	per dozen	$0 13	14	15	19	erase	28
No. 850	per dozen	$0 50					
No. 860	"	55					
No. 800—Erase.							

HOOP STAPLES.

¾x¾ in., coppered, in 25-lb. boxes ..... per pound $0 08

HASPS, HOOKS AND STAPLES.

Inches	5	6	7	8	9	10
No. 15, per dozen....	$0 16	19	21	26	30	36
No. 18—8 in.;	per dozen	$0 90				
No. 20—10 in.	"	1 10				

HOOKS AND STAPLES.

Inches	3	3½	4	4½
No. 50	per gross	$1 35	1 50	1 70 1 85
No. 60	"		3 15	
No. 54	"		2 10	
No. 55	"			
No. 56	"			

Inches	5	6	7	8
No. 50.....	per gross	$2 05	2 40	3 75 4 25
No. 60	"	3 90	4 60	
No. 54	"			
No. 55	"	3 30		
No. 56	"	3 90		

WROUGHT STAPLES.

Inches	1	1¼	1½	2	2½	
Per gross	$0 16	17	17½	24	32	
Inches	3	3½	4	1½ to 3	1½ to 3½	
Per gross	$0 42	52	75	28	30	

GATE HOOKS.

Nos.	104	105	106	1	2
Per gross	$7 20	8 10	9 30	9 00	10 80

TRAP DOOR RINGS AND STAPLES.

No. 5, in.	2	2½	3
Per gross	$2 60	3 05	4 20

HITCHING RINGS.

Nos.	10	20	25	30
Per dozen	$0 42	55	72	90

478 **HINGES LIGHT STRAP.**

New page dated Oct 1, 1909.

Length, in.	3	4	5	6	8	10
Per dozen pairs	$0 30	40	50	40	85	1 20

HINGES, HEAVY STRAP.

Length, in.	4	5	6	8	10	12	14
Per doz. pairs	$0 45	60	80	1 25	1 95	2 90	3 45

HINGES, LIGHT T.

Length, in.	3	4	5	6	8	10
Per dozen pair	$0 27	28	36	42	53	78

HINGES, HEAVY T.

Length, in.	4	5	6	8	10
Per dozen pairs	$0 53	63	75	90	1 45

(Continued on Next Page.)

Page

HINGES, EXTRA HEAVY T.

Length, in.	4	5	6	8	10	12
Per dz. prs.	$0 60	85	1 10	1 70	2 50	3 65

HINGE HASPS, BRIGHT.

Length, in.	3	4½	6	8	10
Per dozen (single)	$0 35	40	55	75	1 10

HINGES, CORRUGATED, HEAVY STRAP.

Length, in.	4	5	6	8	10	12
Per doz. pairs	$0 50	70	90	1 50	2 05	3 45

HINGES, CORRUGATED EX. HEAVY T.

Length, in.	4	5	6	8	10
Per dozen pairs	$0 65	85	1 10	1 80	2 65

479 **SCREW HOOK AND STRAP HINGES.**

New page dated March 1, 1910.

Length, in.	6	8	10	12	14
Per 100 lbs.	$4 30	4 30	4 30	4 30	4 10
Length, in.	16	18	20	22	24
Per 100 lbs.	$4 10	4 10	4 10	3 80	3 80

SCREW HOOK AND EYE.

Length, in.	5	6	6½
Per 100 lbs.	$11 40	9 00	7 80

480 **SCREW AND STRAP HINGES.**

New page dated Oct. 1, 1906.

Inches	6 to 12	14 to 20	22 & 24
Per 100 pounds	$4 20	3 90	3 60

Hook and Eye Hinges and Extra Hooks.

Inches	½	⅝	¾
Per 100 pounds	$11 40	9 00	7 80

No. 915—Inches	3	4½	6
Per single dozen	$0 62	82	1 15

No. 349 ..... per dozen $0 60
No. 359 ..... " 80

483 **BRIGHT WIRE GOODS.**

New page dated Oct. 1, 1906.
Discount .....85-10 per cent

484 **BRIGHT WIRE SCREW HOOKS.**

New page dated Oct. 1, 1906.
Discount .....85-10 per cent

485 **SQUARE SCREW HOOKS.**

New page dated Oct. 1, 1906.

Nos.	106	107	108	109	110	111	112
Per gross	$0 70	56	50	40	35	30	30

CORNICE HOOKS AND EYES.

Length	3½	4	4½	5	6	8 In.
Per gross	$1 70	1 85	2 00	2 15	2 45	2 90

GATE HOOKS AND EYES.

Length	1½	2	2½	3	3½
Per gross	$0 85	1 10	1 20	1 45	1 80
Length	4	4½	5	6	
Per gross	$1 95	2 45	2 90	3 60	

486 **BRASS SCREW HOOKS.**

New page dated Oct. 1, 1906.

Nos.	19	20	21	21½	22	23	24
Per gr.	$0 70	75	80	85	1 00	1 75	2 10
Nos.	00	0	0½	1	2	3	
Per gross	$0 75	80	85	1 00	1 35	1 75	

HOOKS AND EYES.

No. 40—Length	1½	2	2½	3
Per gross	$0 55	78	1 05	1 45
No. 50—Length	1½	2	2½	
Per gross	$2 10	2 90	3 90	

No. 763—Cabin Door .....per dozen $2 10

487 **MEAT HOOKS.**

Erase entire page. Goods are now shown on page 476.

488 **PARLOR DOOR HANGERS.**

New page dated Feb. 1, 1905.

LANE'S NEW MODEL AND STANDARD.

Nos.	800	810	700	710
Per set	$3 35	1 75	3 95	2 05

Extra track .....per foot $0 06

NEW ERA AND WILCOX STANDARD.

Nos.	117	117½	313	313½
Per set	$2 90	1 45	3 60	1 80

Extra Track .....per foot $0 06

Change No. 117 half set P. D. Hangers to read "No. 117½."

488A **PARLOR DOOR HANGERS.**

New page dated Oct. 1, 1906.

No. 106 .....per set $3 30
No. 106½ .....per half set 1 65
Extra Track .....per foot 06

The figures printed in this book have been increased to cover possible advances. We guarantee lowest market prices.

Page

489 **PARLOR DOOR HANGERS.**

New page dated Oct. 1, 1906.

Nos.	200	210	900	910
Per set	$3 50	1 75	3 40	1 70

Extra rail for Nos. 200 and 210.....per foot $0 06
Extra rail for Nos. 900 and 910..... " 10

Nos.	125	125½	126	114	114½	115
Per set	$5 30	5 30	5 30	3 00	3 20	3 40
Nos.	25, 25½	&26	13½	14	14½	15
Per set	$3 60	1 95	2 10	2 25	2 40	

490 **SLIDING DOOR SHEAVES.**

New page dated Oct. 1, 1906.

Inches	3	4	5
No. 6	per set $0 40	55	85
No. 8	" 90	1 20	1 95

SLIDING DOOR STOPS.

No. 10 .....per dozen $0 40
Change No. 1 to read "No. 10."

SLIDING DOOR RAIL.

No 41 .....per 100 ft. $4 80
No. 42 ..... " " 9 60

BASE KNOBS.

Nos.	42	43	46	47
Per gross	$1 84	2 00	2 30	2 50
Nos.	49	50	1	1B
Per gross	$2 30	2 50	3 30	12 60

DOOR HOLDERS.

Nos.	1	2	20
Per dozen	$1 80	3 60	8 10

490A **SUPERIOR DOOR HOLDERS.**

Nos.	02	22	032	32	33	34
Per dozen	$5 60	7 70	6 65	7 70	7 20	7 20
Nos.	42	52	62	72	82	
Per dozen	$7 70	7 70	12 80	14 00	14 00	

BASE KNOBS.

Nos.	P143	OC143	SC143	F143	DB143	AB143	A143
Doz.	$1 10	1 10	1 20	1 25	1 10	1 15	1 10

Make weight of base knobs read 1½ pounds instead of 28 pounds.

490B **BARN DOOR HANGERS.**

No. 10 .....per dozen pairs erase
No. 10T—Extra rail .....per foot erase
No. 12 .....per dozen pairs $7 80
Extra rail .....per foot 07

490C **BARN DOOR HANGERS.**

New page dated March 1, 1909.

No. 8	per dozen pairs	$18 00
No. 8T	per 100 ft.	11 40
No. 8B	each	12
No. 18	per dozen pairs	14 40
No. 18T	per 100 ft.	10 50
No. 18B	each	08
No. 10	per dozen pair	11 50
No. 10T	per 100 ft.	8 40
No. 20	per dozen pair	7 70
No. 6T	per 100 ft.	5 00

491 **BARN DOOR HANGERS.**

New page dated March 1, 1906.

Nos.	1	2	3	4	8
Per dozen pairs.	$5 25	6 30	7 00	8 40	erase

FIRE DOOR FIXTURES.

Discount .....40 per cent.

492 **BARN DOOR HANGERS.**

New page dated March 1, 1906.

F. O. B. Chicago or Ashland, Ohio

No. 20 .....per dozen pairs erase
Track for No 20 .....per 100 erase

BARN DOOR RAIL.

Nos.	3	5	6	1
Per 100 ft.	$5 10	3 75	5 00	2 40

NOVELTY B. D. HANGERS.

Inches	3	4	5	6
Per dozen pairs	$3 30	4 80	6 30	7 80

BARN DOOR STAYS.

Nos.	1	2	3
Per dozen	$0 72	1 35	1 15

493 **FRAME PULLEYS.**

New page dated March 1, 1909.

CAST IRON.

Nos.	50	40	30	60
Per dozen	$0 24	36	48	24
Nos.	70	80	OC50	OC60
Per dozen	$0 36	48	95	95
Nos.	31	32	4	112
Per dozen	$0 30	24	26	95

STEEL.

Nos.	GR17	GR12	GR11
Per dozen	$0 30	30	30
Nos.	GR212	GR611	5
Per dozen	$0 38	33	35

QUADRUPLE MORTISERS.

Nos.	12	11
Each	$6 60	6 60

Page

494 **PULLEYS.**

New page dated March 1, 1909.

UPRIGHT PULLEYS.

No. 210—Sizes, in.	2	2½	3
Per dozen	$0 50	60	1 00

SIDE PULLEYS.

No. 195—Sizes, in.	1½	1¾	2
Per dozen	$0 42	45	60
No. 195—Sizes, in.	2¼	3	4
Per dozen	$1 00	1 30	3 40

HOT HOUSE PULLEYS.

Nos.	145	150
Per dozen	$0 95	1 25

SCREW PULLEYS.

No. 180—Sizes, in.	1	1¼	1½	1¾	2
Per dozen	$0 19	20	23	27	40
No. 186—Sizes, in.	2¼	2½	3	4	
Per dozen	$0 50	55	80	2 00	

No. 46 .....per dozen $0 42

No. 190—Sizes, in.	2	2½
Per dozen	$0 60	85

CLOTHES LINE PULLEYS.

Nos.	2	225	70	75	080	85
Per dozen	$0 55	70	55	95	65	1 00

495 **PULLEYS, HOOKS AND CLEATS.**

New page dated March 1, 1909.

AWNING OR TACKLE PULLEYS.

No. 740—Sizes, in.	¾	1	1¼
Per dozen	$0 25	28	35
No. 740—Sizes, in.	1½	1¾	2
Per dozen	$0 45	60	75

No. 1740—Sizes, in.	1	1¼	1½	1¾	2
Per dozen	$0 40	50	70	1 00	1 55
No. 760—Sizes, in.	1	1¼	1½	1¾	2
Per dozen	$0 40	50	70	1 00	1 55
No. 1760—Sizes, in.	1	1¼	1½	1¾	2
Per dozen	$0 60	70	1 20	1 85	2 35
No. 730—Sizes, in.	1	1¼	1½	2	
Per dozen	$0 45	50	70	1 40	
Nos.	110	115	120	125	
Per dozen	$0 80	1 15	1 55	1 30	
Nos.	130	135	100	101	
Per dozen	$1 80	2 30	1 80	erase	

ENCASED SWIVEL PULLEYS.

Nos.	601	602
Per dozen	$0 95	1 15

AWNING HOOKS.

Nos.	4	5
Per gross	$1 60	2 00

ROPE CLEATS.

No. 15 .....per dozen $0 60

496 **SASH BALANCES.**

New page dated March 1, 1909.

CALDWELL.

Nos.	6	8	10	12	14	16
Per set	$1 20	1 30	1 45	1 55	1 70	1 80
Nos.	18	20	23	26	29	32
Per set	$1 90	2 05	2 40	2 55	2 70	2 85
Nos.	35	38	41	44	47	50
Per set	$3 30	3 45	3 60	3 75	3 90	5 40

PULLMAN.

Nos.	1	2	3	4	5
Per set	$1 30	1 40	1 50	1 70	1 85
Nos.	6	7	8	9	10
Per set	$2 00	2 15	2 55	2 70	2 85
Nos.	11	12	13	14	15
Per set	$2 95	3 25	3 50	3 80	4 05

497 **SHELF BRACKETS.**

New page dated Oct. 1, 1909.

Size	3x4	4x5	5x6	5x7	6x8
No. 10..per dz. prs.		28		48	64
No. 60.. "		53	80		1 15
No. 120.. "	$0 70	95		1 35	1 65
No. 22.. "	36	48		70	90
No. 20.. "	42	55		85	1 10
No. 30.. "		1 40		2 00	2 80
No. 40.. "		1 40		2 00	2 80

Size	7x9	8x10	9x12	10x12	12x14
No. 10..dz. prs.	$0 75	85		1 20	
No. 60.. "	1 35	1 60		2 25	
No. 120.. "	2 00		3 40		
No. 22.. "	1 10	1 25		1 80	2 70
No. 20.. "	1 30	1 50		2 15	3 25
No. 30.. "	2 80	2 90		3 90	
No. 40.. "	2 80	2 90		3 90	

No. 8 .....per dozen pairs $3 30
No. 12 ..... " 4 80

For Factory Shipment Only.

Nos. 101 to 110.....discount 40 per cent.

Do not refuse an order because you do not carry the goods in stock.

Page 498

STAIR RAIL BRACKETS.

New pages dated Oct. 1, 1909.

Nos.	5803	5805	80
Per dozen	$1 00	1 15	1 10

PORCH SUPPORTS.

No. 3 per dozen	$0 50
No. 4 "	50

FLOWER POT BRACKETS.

Nos.	1760	2000	1872	2090
Per dozen	$1 10	1 75	2 30	4 20
No. 2136 per dozen				$3 95
No. 2408 "				9 00

Page 499

WIRE FLOWER POT STANDS.

New pages dated Oct. 1, 1909.

Nos.	439	440	393¾	435
Each	$1 20	1 80	3 90	3 90
Nos.	434	443½	443	392½
Each	$3 90	2 40	3 30	4 20
Nos.	4401½		430	393¼
Each	$2 40		4 80	4 50

Page 500

WIRE FLOWER POT STANDS.

New pages dated Oct. 1, 1909.

Nos.	435½	395	432½	432 393
Each	$3 30	4 80	5 70	4 80 6 00
Nos.	398	393½	397	394
Each	$6 00	5 10	5 10	6 60

Page 505

BED CASTERS.

New page dated October 1, 1908.

Iron Wheel.

Sizes and Nos.	1⅝-1	1¾-2	2-1	2-2
Per set	$0 07	08	10	12

Porcelain Wheel.

Sizes and Nos.	1⅝-1	1⅝-2	2-1	2-2
Per set	$0 07	08	09	10½

Lignumvitae Wheel.

Sizes and Nos.	2-1	2-2
Per set	$0 13	14

PHILADELPHIA.

Iron Wheel.

Nos.	2	3	4	5
Per set	$0 05½	06¼	07	07½

PORCELAIN WHEEL.

Nos.	2	3	4	5
Per set	$0 05½	06¼	07	07½

LIGNUMVITAE WHEEL.

Nos.	2	3	4	5
Per set	$0 06¼	07	08¼	09

GRIP NECK.

Nos.	30	40	50	70
Maple Wheel per set	$0 05	05¼	06	07
Lignumvitae Wheel. "		06½	07½	08 09½

PLATE, IRON WHEEL.

Nos.	1	2	3	4	5	6
Per set	$0 07¼	08½	09	10½	12¾	15

PLATE, PORCELAIN WHEEL.

Nos.	1	2	3	4	5	6
Per set	$0 07¼	07¾	09	09¾	12¾	15

TRUCK.

Nos.	33	34	23	24
Per dozen	$2 05	2 75	1 85	2 50
Nos.	4	7	8	10 14
Per dozen	$1 85	2 15	2 45	3 10 3 60

Page 506

CASTERS.

New page dated October 1, 1908.

Nos.	45	55	56	
Per set	$0 12	12¾	13¾	
Nos.	570	580	740	750
Per set	$0 15	16	20	22
Nos.	3	5	7	
Steel Wheel per set	$0 11	12	18	
Lignumvitae Wheel "		11	12	18
Nos.	13	17	18	19
Per set	$0 67	57	62	67
Nos.	20	114	15	16
Per set	$0 72	62	67	72
Nos.	123	125	127	128
Maple Wheel per set	$0 12	14	18	21
Lignumvitae Wheel "	12	14	18	21
Nos.	132	133	135	
Maple Wheel per set	$0 05	06	07¾	
Lignumvitae Wheel "	07½	08½	10½	
Nos.	182-37	183-37	184-37	186-37 182-38
Per set	$0 16½	20	25	32 18
Nos.	183-38	184-38	182-45	182-46
Per set	$0 21	27	16½	18
Nos.	183-33	184-33	183-34	184-29 184-30
Per set	$0 20	25	21	25 27
Nos.	186-30	188	190	91 192
Per set	$0 36	74	1 08	1 75 3 42

Do not refuse an order because you do not carry the goods in stock.

Page 507

CASTERS.

New page dated October 1, 1908.

Nos.	221	231	241	251
Per set	$0 38	43	48	57
Nos.	227	237	247	257
Per set	$0 38	43	48	57
Nos.	222	232	242	252
Per set	$0 38	43	48	57
Nos.	228	238	248	258
Per set	$0 38	43	48	57
Nos.	2227	2237	2247	
Per set	$1 55	1 68	1 92	
Nos.	2228	2238	2248	
Per set	$1 55	1 68	1 92	
Nos.	220	230	240	250
Per set	$0 38	43	48	57
Nos.	2220	2230	2240	
Per set	$1 55	1 68	1 92	
Nos.	21	31	41	51
Per set	$0 38	40	43	48
Nos.	22	32	42	52
Per set	$0 38	40	43	48
Nos.	28	38	48	58
Per set	$0 40	43	45	50
Nos.	27	37	47	57
Per set	$0 40	43	45	50
Nos.	82	102	112	122 142
Per set	$0 96	1 20	1 80	3 35 5 80
Nos.	62R		82R	102R
Per set	$2 45		3 80	5 15
Nos.	112R		122R	142R
Per set	$7 55		12 15	18 80

Page 508

STOVE CASTERS AND STOVE TRUCKS.

New page dated October 1, 1908.

Nos.	100	105	Adams Stove
Per dozen sets	$11 40	11 40	12 95
Nos.	Adams Steel Range		
Per dozen sets	$3 60		
No. 30—Stove Carrier per pair			$2 75
Nos.	25	10	20
Per dozen	$26 40	Each	$5 70 5 70

Page 509

JOIST TIMER AND WALL HANGERS.

New page dated October 1, 1908.

F. O. B. Cleveland, Ohio.

Entire page ..... Net list

Page 511

FLAT HEAD WOOD SCREW.

Illustrating full sizes of a few flat-head screws.

Page 512

WOOD SCREWS.

New page dated Jan. 2, 1905.

Flat Head Bright.....discount 85-10-5 per cent.

Page 513

WOOD SCREWS.

New page dated Jan. 2, 1905.

Flat Head Brass.....discount 80 per cent.
Round Head Brass.....discount 75 per cent.
No. 6—⅝ in. Round Head Brass Screws, list $1 40

Page 514

WOOD SCREWS.

New page dated Aug. 1, 1903.

Round Head Blued Steel..discount 80-10 per cent.
Flat Head Japanned Steel...discount 80 per cent.
Round H'd Nickel Pl't'd....discount 70-5 per cent.

Page 515

BOLTS AND LAG SCREWS.

New page dated March 1, 1909.

CARRIAGE BOLTS.

⅜x6 in—Shorter and smaller .....discount 70-10 per cent.
Longer and larger than ⅜x6 in. .....discount 60-10 per cent.
No. 10—Assorted .....per box $0 30

SLEIGH SHOE BOLTS.

⅜x6 in. and smaller.....discount 65-5 per cent.
⅜x6½ in. and larger.....discount 50-15 per cent.

MACHINE BOLTS.

⅜x4 in., shorter and smaller .....discount 70-10 per cent.
Longer and larger than ⅜x4 in. .....discount 65 per cent

COACH OR LAG SCREWS.

Discount .....75 per cent.

Page 516

BOLTS, BOLT SHIELDS, ETC.

New page dated March 1, 1909.

PLOW BOLTS.

Discount .....65 per cent.

ELEVATOR BOLTS.

No. 2—Sizes, in.	3-16x¾	¼x1	¼x1¼	
Per 100	$0 55	60	65	
No. 1—Sizes, in.	¼x¾	¼x⅞	¼x1	¼x1¼
Per 100	$0 80	85	85	90

TIRE BOLTS.

Discount.....70-10 per cent

FLAT HEAD STOVE BOLTS.

Discount .....80 per cent.

ROUND HEAD STOVE BOLTS.

Discount .....80 per cent.
No. 50 Assortment.....per box $0 80

Page 517

FLAT HEAD STOVE RODS.

All sizes .....per pound $0 08

EXPANSION SCREW ANCHORS.

Nos.	6-¾	10-1	10-1⅝	14-1
Per 100	$2 40	2 70	3 37	3 00

EXPANSION BOLT SHIELDS.

Short Standard—Sizes	⅝	½
Per 100	$5 76	9 50
Long Standard—Sizes	5-16 ⅜	½
Per 100	$4 30 5 75	9 50

NUTS AND WASHERS.

New page dated Oct. 1, 1909.

SQUARE NUTS, BLANK.

U. S. STANDARD.

Sizes, in.	¼	5-16	⅜	7-16	½
Per pound	$0 10½	09½	07½	07	05¾
Sizes, in	9-16	⅝	¾	⅞	1
Per pound	$0 05¾	5½	5¼	05	04¾

SQUARE NUTS, TAPPED.

Sizes, in.	¼	5-16	⅜	7-16	½
Per pound	$0 13½	11½	09¼	08¼	06¾
Sizes, in.		9-16	⅝		¾
Per pound		$0 06¾	06¾		05¾

WROUGHT IRON WASHERS, IN BULK.

No. 140—Bolt, in.	3-16	¼	5-16	⅜ 7-16
Per pound	$0 10¼	08¼	07¼	06¼ 05¼
No. 140—Bolt, in.		½	9-16	⅝
Per pound		$0 04¾	04¾	04½
No. 140—Bolt, in.		¾	⅞	1
Per pound		$0 04¼	04¼	04¼

WROUGHT STEEL WASHERS.

No. 160—Bolt, in.	3-16	¼	5-16	⅜	7-16
Per pound	$0 12	09¾	08¾	07¾	06¾
No. 160—Bolt, in.	½	9-16	⅝	¾	⅞ 1
Per pound	$0 06¼	06¼	06	05¾	05¾ 05¾

CAST IRON WASHERS.

Standard O. G. .....per pound $0 03

LEAD WASHERS.

7-16x⅛ in. .....per pound $0 14

MALLEABLE IRON WASHERS.

All sizes .....per pound $0 06

WING THUMB NUTS.

Sizes, in.	¼	5-16	⅜	½
Per 100	$0 70	95	1 15	1 90
No. 50—Assorted				per box $0 55

Page 518

STEEL WIRE NAILS IN KEGS.

New pages dated Oct. 1, 1909.

Entire page .....market price

Page 519

WIRE AND CUT NAILS, IN KEGS.

New pages dated Oct. 1, 1909.

Entire page .....market price

Page 520

BRADS, NAILS AND CORRUGATED FASTENERS.

New pages dated Oct. 1, 1909.

BRIGHT WIRE BRADS, ¼ LB. PAPERS.

Inches	⅜	½	⅝	¾	⅞
Per dozen	$0 55	45	36	30	27
Inches	1	1¼	1½	1¾	2
Per dozen	$0 24	24	22	21	21

BRIGHT WIRE BRADS, IN 1 LB. PAPERS.

Inches	½	⅝	¾	⅞	1
Per pound	$0 15	11	09	08	06½
Inches	1¼	1½	1¾	2	
Per pound	$0 06	05½	05¼	05¼	

BRIGHT WIRE BRADS, IN 25 LB. BOXES.

Inches	1x19	⅝x19	¾x18	⅞x18	⅞x17
Per lb.	$0 12½	11	08½	07½	07¼
Inches	1x18	1¼x17	1½x16	1¾x14	2x14
Per lb.	$0 06¼	05½	05¼	04¾	04¾
Inches	1x17		1¼x16	1½x15	
Per lb.	$0 06		05½	04½	

SMOOTH WIRE NAILS.

Length	¾	¾	⅞	⅞	⅞
Gauge	18	16	17	14	13
Per pound	$0 08	07	07	05	05
Length	1	1	1¼	1¼	1½
Gauge	14	12	14	12	12
Per pound	$0 05	05	05½	05	05

BARBED, IN 1 LB. PAPERS.

¾ in. .....per pound $0 07
1 in. ..... " 05

BARBED, IN 25 LB. BOXES.

Length	¾	1	1¼
Per pound	$0 07	05	05

CIGAR BOX NAILS.

In 1 lb. Papers.

¾ in. .....per pound $0 08

In 25 lb. Boxes.

⅝ in. .....per pound $0 09
¾ in. ..... " 08

(Continued on Next Page.)

Page

CORRUGATED STEEL FASTENERS.

Inches	¼	⅜	½	⅝	¾
3 corrugation.....per M	$0 18	24			
4 corrugation..... "	24	30	32	42	45
5 corrugation..... "	28	38	41	54	60
6 corrugation..... "				60	

523 **CLOUT NAILS, IN 1 LB. PAPERS.**

New page dated Oct. 1, 1905.

No. 30	½	⅝	¾	⅞	1to2
Per lb.	$0 12½	10½	10	09½	09
No. 31	½	⅝	¾	⅞	1,1¼,1½&1¾
Per lb.	$0 12½	12	10½	10	09½
No. 32	¾	⅞	1	1¼	1½
Per lb.	$0 13	12¼	12½	12½	12½

CANVAS NAILS, IN ½ LB. PAPERS.

No. 33—In.	½	⅝	¾	⅞	1	1¼
Per lb.	$0 17	15	14	12½	12	11½

Erase the words 1 dozen papers in a package from Clout Nails and Canvas Nails, as they are now put up in ½ and 1-lb. papers.

HUNGARIAN NAILS.

Ounces	3	4	6	8	10
No. 80—Per doz.	$0 20	27	34	40	45
No. 82—All sizes	per dozen	$0 30			
No. 83—All sizes	"	30			

COMMON IRON SHOE NAILS.

No. 40 .....per pound $0 06

IRON CLINCHING SHOE NAILS.

No. 41—All sizes.....per dozen $0 30

WIRE CLINCHING SHOE NAILS.

No. 42—All sizes .....per dozen $0 40

BRASS PLATED SHOE NAILS.

No. 43—All sizes.....per dozen $0 20

BRASS CLINCHING SHOE NAILS.

No. 44—All sizes .....per dozen $0 45

SHOE TACKS, IN 1 LB. PAPERS.

Ounces	1½	2	2½
No. 47.....per pound	$0 14	12	11½

Erase the words 1 dozen papers in a package from Shoe Tacks, as they are now put up in 1-lb. papers.

524 **TACKS IN ASSORTED CASES.**

New page dated Oct. 1, 1905.

Nos.	60	80	90	275
Per case	$2 80	2 80	2 80	4 95
Nos.	276	277	100	250	144	244
Per case	$2 60	2 60	1 14	1 60	3 00	3 30

525 **TACKS**

New page dated Oct. 1, 1905.

No. 72—Ounces	6	8	10	12	14
Per dozen	$0 21	27	32	41	48
No. 75—All sizes	per dozen	$0 15			
No. 73—All sizes	erase				
No. 76—Size 6	per dozen	$0 20			
No. 70—Ounces	2	3	4	6	8
Per dozen	$0 15	17	19	25	30
No. 70—Ounces	10	12	14	16	
Per dozen	$0 37	43	51	58	
No. 77—Ounces	3	4	6	8	10
Per pound	$0 14½	13	12	11	10
No. 78—4 oz.	per pound	$0 12			
No. 50—Oz.	1	1½	2	2½	3	4	6
Per dozen	$0 15½	16	16½	17	18	20	26
No. 50—Oz.	8	10	12	14	16	18	20
Per dozen	$0 32	40	48	55	65	75	80
No. 49—All sizes	per pound	$0 35					

Erase No. 76, Sizes 8 to 14, from catalogue.

Full Weight.

No. 45—Ounces	2	2½	3	4
Per dozen	$0 30	32	36	40
No. 45—Ounces	6	8	10	12	16
Per dozen	$0 53	68	80	95	1 25

1 lb. Papers.

No. 45—Ounces	1½	2	2½	3	4	6
Per pound	$0 20½	17	15	14	12	10½
No. 45—Ounces	8	10	12	14	16
Per pound	$0 10½	10	09½	09½	09½

25 lb. Boxes.

No. 45—Ounces	1½	2	2½	3	4	6
Per pound	$0 20	17	15	13	12	10½
No. 45—Ounces	8	10	12	14	16
Per pound	$0 10	10	09	09	09

526 **TACKS.**

New page dated Oct. 1, 1905.

No. 58—Ounces	4	6	8	10	12
Per dozen	$0 14	15	20	25	30
No. 51—Oz.	4	6	8	10	12	14	16
Per dozen	$0 15	20	30	35	45	50	55
No. 52—All sizes	per dozen	$0 30					
No. 57—Ounces	4	6	8	10	12	14
Per dozen	$0 25	30	40	50	55	65
No. 400—All sizes	per dozen	$0 30					
No. 55—Ounces	3	4	6	8
Per pound	$0 12½	11	10	10

We do not guarantee prices.

Page

DOUBLE POINTED.

Blued, 100 Count.

Nos.	9	10	11	12	14
New list				$1 95	2 30
Per dozen	$0 10	11	11½	16	18

Tinned, 100 Count.

Nos.	9	10	11	12	14
New List				2 50	2 80
Per dozen	$0 13	14	15	20	23

Blued, in 25 lb. Boxes.

Nos.	9	10	11	12
Per pound	$0 09¾	09½	09½	09½

Wire Cloth.

No. 5—100 count	per dozen	$0 17
No. 5—In 10-lb. boxes	"	15

Gimp.

No. 46—Oz.	2	2½	3	4	6	8	10
Per dozen	$0 25	25	30	30	35	45	50
No. 40—Ounces	6	8	10
Per dozen	$0 37	38	40
No. 47—Lining	per paper	$0 06					
No. 48—Lining	"	05½					

527 **GROOVED HOB NAILS.**

No. 5 .....per pound $0 10

BRASS ESCUTCHEON PINS.

Inches	½	½	⅝	⅝	¾	¾
Gauge	16	18	16	18	12	14
Per pound	$0 50	58	49	57	43	45
Inches	¾	¾	⅞	⅞	1	1
Gauge	16	18	14	16	12	14
Per pound	$0 48	56	45	46	43	44

OIL CLOTH BINDING NAILS.

No. 18 .....per dozen $0 30

LOGGERS' BOOT CALKS.

Nos. 000, 00 and 1.....per M $4 25

BOOT CALK SETS.

No. 43	per dozen	$2 10
No. 83	"	2 40

FURNITURE NAILS.

Nos.	19	12	42	43	142	143
Per 1,000	$0 58	58	65	55	75	65
Nos.	242	243	42N	43N	121	122
Per 1,000	$0 85	75	75	65	72	1 20

ZINC GLAZIERS' POINTS.

All sizes .....per dozen $0 50

BLIND STAPLES.

⅜ in.	per pound	$0 12
½ in. and larger	"	11½

BUTTER TUB STAPLES.

No. 1	per pound	$0 08½
No. 2	"	08

ACME FLEXIBLE CLASPS.

No. 10 .....per pound $0 17

528 **THE END OF THIS DIVISION.**

603 **SCREEN DOORS AND WINDOW SCREENS**

New page dated March 1, 1910.

SCREEN DOORS.

Nos.	80	82	90	92
Per dozen	$9 00	9 55	10 50	11 10
Nos.	94	96	98
Per dozen	$11 30	11 40	11 58
Nos.	100	120	122	123
Per dozen	$11 70	14 55	15 25	15 45
Nos.	124	126	130
Per dozen	$15 80	15 50	18 00

OUTSIDE WINDOW SCREENS.

Sizes, in.	⅞	1⅛
Per 100 square feet	$5 10	5 40

WINDOW SCREENS.

Nos.	1	2	3	4	6	7
Per dozen	$3 90	4 20	4 30	5 10	2 45	2 95
Nos.	8	9	12
Per dozen	$3 40	4 30	5 40
No. 1—Corner Irons	per dozen sets	$0 80				
No. 1—Corner Irons	per gross sets	8 70				

604 **SCREEN FRAMES, WIRE CLOTH, ETC.**

New page dated March 1, 1910.

WINDOW SCREEN FRAMES.

Nos.	60	61	80	85
Per dozen sets	$2 65	2 75	2 60	2 75
Ferry's—Sizes, in.	30x42	36x36	36x42
Per dozen	$3 30	3 30	3 60
Ferry's—Sizes, in.	36x48	36x72
Per dozen	$3 90	4 80

SCREEN WIRE CLOTH.

12 mesh, black	per 100 sq. ft.	$1 80
14 mesh, black	"	"	2 30
16 mesh, black	"	"	2 70
12 mesh, galvanized	"	"	2 30
14 mesh, galvanized	"	"	2 65
14 mesh, genuine bronze	"	"	5 40

Page

WIRE CLOTH RACKS.

No. 100 .....each $4 50

METAL FRAME WINDOW SCREENS.

Nos.	20	35	40	50
Per dozen	$3 65	3 75	4 25	4 70

605 **POULTRY NETTING AND HARDWARE CLOTH.**

New page dated March 1, 1909

POULTRY NETTING.

FOR SHIPMENT FROM FACTORY.

Galvanized before .....Discount 80 per cent.
Galvanized after .....Discount 75-10 per cent.

FOR SHIPMENT FROM STOCK.

Galvanized before .....Discount 80 per cent.

NETTING STAPLES.

No. 14—10 pound boxes...per 100 pounds $4 80
No. 14—Kegs .....per 100 pounds 4 20

HARDWARE WIRE COTH.

FULL ROLLS.

2 to 8 mesh, black, square mesh	per 100 sq. ft.	$2 25
9 to 12 mesh, black, square mesh	"	"	2 60
2, 2½ and 3 mesh, galvanized, square mesh	"	"	3 30
4 and 5 mesh, galvanized, square mesh	"	"	3 60
6 mesh, galvanized, square mesh	"	"	3 85
7 and 8 mesh, galvanized, square mesh	"	"	4 80
2x4 to 4x16 mesh, black, long mesh	"	"	3 90

IN FIFTY-FOOT LENGTHS

2 to 8 mesh, black, square mesh	per 100 sq ft.	$2 45
9 to 12 mesh, black, square mesh	"	"	2 85
2, 2½ and 3 mesh, galvanized, square mesh	"	"	3 80
4 and 5 mesh, galvanized, square mesh	"	"	4 00
6 mesh, galvanized, square mesh	"	"	4 30
7 and 8 mesh, galvanized, square mesh	"	"	5 25
2x4 to 4x16 mesh, black square mesh	"	"	4 15

CUT PIECES LESS THAN FIFTY FEET LONG.

2 to 8 mesh, black, square mesh	per 100 sq. ft.	$3 15
9 to 12 mesh, black, square mesh	"	"	3 50
2, 2½ and 3 mesh, galvanized, square mesh	"	"	4 40
4 and 5 mesh, galvanized, square mesh	"	"	4 70
6 mesh, galvanized, square mesh	"	"	4 90
7 and 8 mesh, galvanized, square mesh	"	"	5 90
2x4 to 4x16 mesh, black, square mesh	"	"	4 80

606 **WOVEN WIRE FENCING.**

New page dated March 1, 1909.

DWIGGINS PERFECTION POULTRY.

Discount .....40 per cent.

DWIGGINS O. K. POULTRY AND RABBIT

Discount .....40 per cent.

SPECIAL VICTOR.

Discount .....40 per cent.

REGULAR VICTOR.

Discount .....40 per cent.

KING, TWELVE-INCH MESH.

Height, in.	47	39	32	26	20
Per rod	$0 30	28	25	20	18

KING, EIGHT-INCH MESH.

Height, in.	47	39	32	26
Per rod	$0 33	30	28	25

WOLVERINE.

F. O. B. Port Huron, Mich.

Discount .....60 per cent.

The aim of this book is to give our customers an idea of the actual values that they may take orders for goods not carried in stock.

Page

606A REV-O-NOC WOVEN WIRE FENCING.

New page dated March 1, 1910.

Nos.	620-6	620-8	620-12
Per 100 rods	$19 50	18 30	17 10
Nos.	726-6	726-8	726-12
Per 100 rods	$23 40	21 00	19 80

606B REV-O-NOC WOVEN WIRE FENCING.

New page dated March 1, 1910.

Nos.	834-6	834-8	834-12
Per 100 rods	$27 90	24 90	21 60
Nos.	942-8	942-12	1050-8
Per 100 rods	$27 90	26 10	30 60
Nos.	1050-12	1158-8	1158-12
Per 100 rods	$27 90	35 40	33 00
Nos.		18-48	20-58
Per 100 rods	$37 20	43 20	

606C WIRE TRELLIS.

New page dated March 1, 1910.

Nos.	3A	2A	1A
Per dozen	$3 60	6 00	12 00

CORN CRIBS.

F. O. B. De Kalb or Joliet, Ill.

Discount ..... 70 per cent

607 FENCE GATES.

New page dated Oct. 1, 1909.

F. O. B. De Kalb, Ill. All Nos...Dis. 40 per cent.

WOVEN WIRE STRETCHERS.

Nos.	6	12	07
Per dozen	$19 20	51 60	50 40

608 WIRE STRETCHERS AND FENCE RATCHETS.

New page dated Oct. 1, 1909.

Nos.	1 Eccentrics	2 Eccentrics		
Per dozen	$6 00	1 50	5 70	1 50
Nos.	3	5	24	4
Per dozen	$7 20	6 60	8 10	8 10
Nos.	10	8	14	
Per dozen	$8 10	12 00	28 80	

FENCE RATCHETS.

F. O. B. Dayton, Ohio.....per 100 $4 25
F. O. B. Chicago..... " 4 50

609 BARBED AND PLAIN WIRE.

New pages dated Oct. 1, 1909.

Entire page ..... market price

610 WIRE IN COILS, STONES AND SPOOLS.

New pages dated Oct. 1, 1909.

Telephone and Telegraph Wire....market price
Bright Market. All Nos.....market price
Coppered Market. All Nos.....market price
Tinned Market. All Nos.....market price
Brass Spring. All Nos.....market price
Soft Copper. All Nos.....market price

ANNEALED STOVE PIPE WIRE.

No. 19 in 50-ft. coils....per dozen coils $0 36

IN STONES.

Nos.	16	17	18	19	20	22
Pr. 100 lb.	$3 72	4 00	4 25	4 70	4 90	5 40

TINNED BROOM IN STONES.

Nos.	20	21	22
Per 100 lbs.	$6 60	6 95	6 95

ASSORTED BOXES.

No. 100.....per assortment $3 60

ANNEALED STEEL WIRE (¼ OZ. SPOOLS).

Nos.	18	19	20
Per dozen	$0 41	43	48

ANNEALED BLACK HAIR (1 OZ. SPOOLS).

Nos.	30	32	36
Per dozen	$0 13	15	17

TINNED HAIR WIRE (1 OZ. SPOOLS).

Nos.	30	32	36
Per dozen	$0 14	17	19

SOFT COPPER AND BRASS SPRING 1 LB. SPOOL WIRE.

Nos.	18	20	22	24	26	28
Per dozen	$4 25	4 25	4 70	4 90	5 25	6 55

The figures printed in this book have been increased to cover possible advances. We guarantee lowest market prices.

Page

¼ LB. SPOOLS.

Nos.	18	20	22	24	26
Per dozen	$1 10	1 10	1 23	1 33	1 37

Soft copper wire (1 oz. spools).per dozen $0 60

SOFT BRASS WIRE (1 LB. SPOOLS).

Nos.	18	19	20	22	24
Per dozen	$3 60	3 60	3 60	3 60	3 95

613 BALE TIES.

F. O. B. Waukegan, Ill., or Joliet, Ill.

New page dated March 1, 1910.

Single Loop, in less than carload lots or in mixed carloads with Nails and Wire .....discount 80 per cent.
Single Loop, in straight carloads .....discount 82½ per cent.
All other kinds ..... " 65 "

614 PREPARED ROOFING.

F. O. B. Chicago or East St. Louis.

New page dated March 1, 1910.

Nos.	11	12	13	22	23
Per square	$1 20	1 70	1 55	80	1 05

CRUSO ROOF COATING.

5 gal. packages	per gal.	$0 25
10 gal. packages	"	22
Half barrels	"	17
Barrels	"	14

AMATITE.

No. 41 .....per square $1 80

615 ROOFING, ASBESTOS, WRAPPING PAPER, ETC.

New page dated October 1, 1908.

Tiger Brand .....erase

FOR FACTORY SHIPMENT ONLY. ASPHALT ROOFING.

Ready Rock.

The following prices include delivery to all railroad points in the States named:

To all railroad points in the States of Wisconsin, Illinois, Indiana and Iowa .....per square complete $3 40
To all railroad points in the states of Minnesota, Ohio, Michigan, New York, Pennsylvania, Missouri and Virginia .....per square complete 3 45
To all railroad points in the states of Kentucky, West Virginia, North Carolina and Alabama.....per square complete 3 70
To all railroad points in the states of Arkansas, Mississippi, South Dakota, North Dakota, Tennessee, South Carolina and Georgia.....per square complete 3 90
To all railroad points in the States of Indian Territory and Louisiana .....per square complete 4 20
To all railroad points in Nebraska, east of and including Bloomfield, Norfork, Cedar Rapids, Grand Island, York and Fairbury, ...per square complete 3 90
To all railroad points further West .....per square complete 4 30
To all railroad points in Oklahoma .....per square complete 4 50
To all railroad points in the States of Kansas and Texas..per square complete 4 55
To all railroad points in Colorado .....per square complete $4 40
To all railroad points in the State of Montana .....per square complete 5 10
To all railroad points in the States of New Mexico and Arizona .....per square complete 5 40

SHEATHING PAPER.

Tarred	per 100 lbs.	$1 50
Fibretto Sheathing	per roll	60
Diamond "A"	"	60
Leader	"	60
Tarred Roofing Felt	per 100 lbs.	1 50
Roofing Discs	"	4 40
Cedar Carpet Lining	per roll	60

ASBESTOS MILL BOARD.

Size, in.	1-32	1-16	3-32	1-8	3-16	1-4
Per 100 lb.	$4 40	4 40	4 40	4 40	4 40	4 40

Asbestos Paper .....per 100 lbs. $3 00
Asbestos Wicks .....per lb 25

WRAPPING PAPER.

Nos.	Rag	200	35	40	45
Per 100 lbs.	$2 40	6 00	6 90	6 90	8 10

With Printed Advertisement.

Nos.	200	35	40
Per 100 lbs.	$4 40	5 70	5 70

The minimum quantity that we will print is 6 rolls, but they may be assorted kinds and sizes.

Page

ROLL PAPER CUTTERS.

Inches	12	15	18	20	24	30
No. 1 ea.	$1 10	1 10	1 10	1 10	1 10	1 10

SHOT BAGS.

Nos.	30	40	50
No. 1,000	$ 1 10	1 50	1 95

NAIL BAGS.

Nos.	3	5	10	16	20	25
Per 1,000	$2 00	2 40	3 30	4 40	5 70	6 00

616 TACKLE AND SNATCH BLOCKS.

New page dated October 1, 1908.

WOOD TACKLE BLOCKS.

Sizes, inches		3	3½	4	5	6
Single	each	$0 22	23	24	25	30
Sizes, inches		7	8	9	10	12
Single	each	$0 36	46	50	75	1 25
Sizes, inches		3	3½	4	5	6
Double	each	$0 35	44	46	49	60
Sizes, inches		7	8	9	10	12
Double	each	$0 70	79	93	1 25	2 10
Sizes, in.	4	5	6	7	8	10	12
Triple, e.	$0 65	70	82	1 00	1 15	1 65	2 95

EXTRA SHEAVES.

For Block, in.	4	5	6	7	8	9	10	12
Each	$0 06½	11	14½	16	19	25	30	50

STEEL TACKLE BLOCKS.

Sizes, in.	4	6	8	10	12
Single	each $0 33	44	66	1 10	1 80
Double	" 62	80	1 15	1 85	2 90
Triple	"	1 45	2 05	2 65	4 25

SNATCH BLOCKS.

Inches	6	7	8	10	12
No. 213	each $1 43		2 05	3 00	3 55
No. 215	"	2 15	2 60	3 85	4 50

617 SAFETY HOIST BLOCKS.

New page dated October 1, 1908.

MALLEABLE IRON.

Nos.	16	14	13	12	11
Per set	$0 82	1 65	2 20	2 90	3 85

BENEDICTS.

Nos.	B1	B2	B3	B4	B5
Per set	$0 73	1 20	1 45	1 20	1 85
Nos.	B6	B7	B8	B9	
Per set	$2 95	5 85	8 80	11 75	

BURRS STEEL WITHOUT ROPE.

Nos.	3	4	5	6	4½	5½	6½
Per set	$0 90	1 65	2 05	2 55	2 95	3 55	4 15

618 ROPE.

New page dated October 1, 1908.

Manila and Sisal Rope .....Market price

We do not cut coils of Sisal Rope. We carry this rope in full coils up to ⅝ in.; ⅝ in. and larger we carry in half coils. We now carry in stock 13-16 in. Sisal Rope. We cannot take back cut pieces of Manila Rope.

7-16 in. O. V. B. Cowboy .....Market price
7-16 in. Montana Lariat .....Market price
7-16 in. Manila Cowboy .....Market price
⅝ in. Manila Cowboy .....Market price

COTTON.

¼, 5-16 and ⅜-in., Com. on Reels.per lb. $0 14½
¼, 5-16 and ⅜-in., Com. in Coils. " 16
¼, 5-16, ⅜ and ½-in. Extra grade, in Coils ..... " 26

619 SASH CORD CHAIN. CLOTHES LINES.

New page dated March 1, 1910.

SASH CORD.

Nos.	C6	C7	C8	C10	C12	H7	
Per pound	$0 35	35	35	35	35	16	
Nos.	H8	7	8	10	12	B7	B8
Per pound	$0 16	45	45	45	45	40	40

AWNING, VENTILATING AND PULLEY CORD.

No. 5 .....per dozen $7 65
No. 05 ..... " 8 70

SASH CHAIN.

Nos.	C2	1	B2	3
Per 100 ft.	$2 10	2 35	3 10	3 90

SASH CHAIN ATTACHMENTS.

No. 1 .....per dozen sets $1 30

CLOTHES LINES. Twisted in Hanks.

Nos.	4	2	5	115	6	7
Per dozen	$1 20	1 60	1 45	1 80	1 10	1 20

No. 24 .....per dozen $3 10
No. 25 ..... " 3 85

WIRE.

No. 8—100 ft.....per dozen $4 20
No. 9—100 ft. ..... " 3 45

Nos.—75 ft.	20	19	18	17
Per dozen	$1 90	2 25	2 70	3 30
Nos.—100 ft.	20	19	18	17
Per dozen	$2 40	2 70	3 30	3 90

No. 14—100 ft.....per dozen $4 10
No. 15—100 ft. ..... " 5 10

Page 620

CLOTHES DRYERS.

New page dated March 1, 1910.

Nos.	1	2	3	11	12	13
Per dozen	$4 80	5 25	6 10	5 90	6 35	7 20

CLOTHES LINE REELS.

Nos.	2	3	5	010
Per dozen	$8 10	9 60	12 00	11 50

CLOTHES PROPS.

No. 10 ..... per dozen $2 10

ROPE CUTTER.

No. 95 ..... per dozen $14 40

621 **TWINE AND TWINE HOLDERS.**

New page dated March 1, 1910.

Nos.	10	20	30	25	35	131
Per dozen	$2 40	1 50	1 50	3 00	3 00	3 90
Nos.	3	4	34	24	13	14	15
Per pound	$0 20	20	30	35	30	30	35
Nos.	16	80	81	82	83	84	85
Per pound	$0 35	20	20	20	25	25	25
Nos.	4½	6 2TK	1	53	54
Per pound	$0 10	10	15	10	25	25
Nos.	63	130	200
Per pound	$0 39	10	10

622 **NEEDLES.**

New page dated March 1, 1910.

Harness.

Nos. 0 to 6 ..... per paper $0 08

Glovers.

Nos. 0 to 6 ..... per paper $0 12

Packing or Sacking.

No. 20—Inches	3½	4	4½
Per dozen	$0 10	12	15
No. 20—Inches	5	5½	6	7
Per dozen	$0 17	19	24	30

Spring Eye Packing.

No. 30—Inches	4½	5
Per dozen	$1 45	1 56
No. 40—Inches	4½	5
Per dozen	$1 90	2 05

Sail.

Nos.	4	3	2	1
Per paper	$0 17	20	28	40

Speying.

No. 15—Inches	2½	3
Per dozen	$0 10	12

Knitting.

Nos.	14	12	10
Per gross	$0 40	55	65

Mattress or Upholsterers.

No. 50 ..... per dozen $0 30
No. 60 ..... " 35

623 **SHOE FINDINGS.**

New pages dated Oct. 1, 1909.

SHAPED HALF SOLES.

No. 10—Inches	3½	4	4½	5
Per dozen pairs	$1 85	1 92	2 20	2 60
No. 15—Inches	3½	4	4½	5
Per dozen pairs	$1 60	1 90	2 15	2 55

FELT BOOT TAPS, SQUARES.

No. 12—14 in. ..... per dozen pairs $2 70
No. 12—5 in. ..... " " 3 05
No. 20 ..... " " 1 10
No. 30 ..... " " 1 70
No. 22 ..... " " 2 75
No. 26 ..... " " 3 25

SQUARE HALF SOLES.

No. 40—Inches	3½	4	4½	5
Per dozen	$2 20	2 45	2 65	2 90

BLOCK HALF SOLES.

Thickness—Inches	4	4½	5
No. 45 ..... per dozen	$4 50	5 30	6 00

TOP LIFTS.

No. 50 ..... per dozen pairs $0 60

SOLE LEATHER STRIPS.

No. 60 ..... per pound $0 50
No. 65 ..... " 50

LEATHER CEMENT.

No. 303 ..... per dozen $0 85
No. 305 ..... " 1 30

RUBBER CEMENT.

No. 205 ..... per dozen $0 90
No. 206 ..... " 1 25
No. 208 ..... " 2 40

HEEL PLATES.

Nos.	1	2	3	4	5
Per gross pairs	$0 65	95	1 15	1 50	1 90

HEEL STIFFENERS.

All Nos. ..... per dozen pairs $0 50
No. 26—Assorted ..... per dozen 50

624 **COBBLERS' OUTFITS.**

New page dated Oct. 1, 1909.

Nos.	25	10	5	15
Per dozen	$31 20	10 80	5 40	13 20

Page

LAP LASTS.

Nos.	10	11	12	21	22
Per dozen	$1 25	1 75	2 15	1 75	2 15

STANDS AND LASTS.

Nos.	1	2	3	4
Per dozen	$2 70	5 70	4 50	10 50

625 **PACKING.**

New page dated Oct. 1, 1909.

No. 31—Sizes, inches	⅜	½	⅝
Per pound	$0 51	51	51
No. 31—Sizes, inches	¾	⅞	1
Per pound	$0 51	51	51
No. 32—All sizes	per pound	$0 96
No. 33—All sizes	"	78

RED TUBULAR GASKET.

No. 34—All sizes ..... per pound $0 51

FINE SQUARE DUCK.

No. 36 (O. V. B.)—All sizes ..... per pound $0 55
No. 37 (common)—All sizes ..... " 30

STRANDED HEMP, UNTARRED.

American—All sizes ..... per pound $0 12
Italian—All sizes ..... " 15

O. V. B. AND REVONOC FLAX.

O. V. B.—All sizes ..... per pound $0 32
Rev-o-noc—All sizes ..... " 30

O. V. B. SQUARE SPIRAL.

No. 26—All sizes ..... per pound $0 60

SHEET O. V. B. RED RUBBER.

O. V. B.—All sizes ..... per pound $0 55

CLOTH INSERTION.

Common Grade ..... per pound $0 14
High Grade—1-32 in. ..... " 24
High Grade—1-16 to ¼ in. ..... " 18

CLOTH, BOTH SIDES.

Common Grade ..... per pound $0 14
High Grade—1-36 in. ..... " 24
High Grade—1-16 to ¼ in. ..... " 18

626 **LEATHER, RUBBER AND CANVAS BELTING.**

New page dated Oct. 1, 1909.

LEATHER.

O. V. B. Grade ..... discount 60 per cent
Eclipse Grade ..... " 65 per cent
Standard ..... " 70 per cent
Agricultural ..... " 75 per cent

RUBBER ENDLESS THRESHER.

Elephant ..... discount 40 per cent

RUBBER (3 PLY).

Extra ..... discount 50 per cent
Amherst ..... " 60 per cent
Standard (4, 5 and 6 ply) .. " 70 per cent

WATER MOTOR (ENDLESS).

9 feet ..... each $0 48

STITCHED CANVAS.

Chicago Brand, 4 and 6 ply. discount 65 per cent

ENDLESS STITCHED CANVAS THRESHER

80 to 120 ft., width 6 in., 4 ply Chicago Brand ..... per foot $0 19
130 to 160 ft., width 6 in., 4 ply, Chicago Brand ..... " 19
80 to 130 ft., width 7 in., 4 ply, Chicago Brand ..... " 24
140 to 160 ft., width 7 in., 4 ply, Chicago Brand ..... " 24
80 to 130 ft., width 8 in., 4 ply, Chicago Brand ..... " 27
140 to 160 ft., width 8 in., 4 ply, Chicago Brand ..... " 27

SIX-PLY CHICAGO BRAND.

Length—Feet	150	160	150	160
Width	8	8	9	9
Per foot	$0 39	39	43	43

627 **BELT HOOKS, STUDS AND LACING.**

New page dated Oct. 1, 1909.

BROWN'S BELT HOOKS.

Nos.	4	5	6	7	8	9	10
Per 1,000	$4 50	3 55	2 75	1 95	1 60	1 30	1 15

JONES' BELT HOOKS.

Nos.	1	2	3	4	5
Per 1,000	$11 35	7 55	6 05	5 30	4 15
Nos.	6	7	8	9	10
Per 1,000	$3 20	2 25	1 90	1 50	1 30

BELT STUDS, BLAKE'S.

Nos.	00	0	1	2	3	4
Per 100	$1 25	1 00	85	65	45	40

BELT FASTENERS, COVELL'S.

All Nos. ..... per 1,000 $1 20

No general rule has been followed in advancing figures over actual values.

Page

BELT LACING, BRISTOL'S.

Nos.	3100	310	310½	311
Per box	$0 20	27	31	38
Nos.	312	313	314	315
Per box	$0 60	90	1 30	1 90
Nos.	0	01	02
Per box	$0 55	80	1 10
Nos.	1100	110	110½	111
Per box	$0 50	55	65	80
Nos.	112	113	114
Per box	$1 10	1 35	1 60

628 **BELT LACING, LACE LEATHER, BELT DRESSING, ETC.**

New pages dated Oct. 1, 1909.

STAR BELT LACING.

Nos.	00S	0S	1	2
Per 100	$0 24	30	35	60
Nos.	3	4	5	6
Per 100	$1 00	1 50	2 70	3 60

REVONOC WIRE.

All Nos. ..... per box $0 20

LACE LEATHER (CUT RAWHIDE).

Width	¼	5-16	⅜	½	⅝	¾
Per 100 ft.	$0 80	1 00	1 15	1 50	2 00	2 45

RAWHIDE SIDES.

Extra Quality ..... per sq. ft. $0 32

LACE LEATHER CUTTERS.

No. 6 ..... per dozen $4 80

WASHER CUTTERS.

No. 350 ..... per dozen $9 00

HOT BELT DRESSING.

Revonoc, 5-lb. cans ..... per pound $0 27
Crates of 50 lbs. ..... " 24

STICK BELT DRESSING.

1-lb. sticks ..... per pound $0 27
4 doz. lots or 50 lbs. ..... " 24

BELT CEMENT.

Revonoc, 1-lb. cans ..... per pound $0 60

PULLEY COVERING CEMENT.

Revonoc, 1½-lb. cans ..... each $1 80

628A **RIVETS AND BURRS.**

New page dated Oct. 1, 1909.

COPPER BELT RIVETS AND BURRS.

Nos. 7 to 12 ..... discount 40 per cent
No. 80—
Solid asstd. sizes in cartons, per carton $1 25
No. 90—
Solid asstd. sizes in cartons, " 1 30

BELT OR HARNESS.

Nos.	08	084	09	094
Per dozen boxes	$0 80	45	85	45

COPPER BURRS ONLY.

Nos. 7 to 12 ..... discount 5 per cent
No. 5 ..... per carton $0 55
No. 3 ..... " 65

Nos.	603	604	605	606	607
Per 1,000	$0 70	70	70	80	80
Nos.	608	609	610	611	612
Per 1,000	$0 80	90	90	1 00	1 00
Nos.	1	2	11	13
Per carton	$0 55	55	1 00	1 00
Nos.	103	104	105	106	107
Per carton	$0 65	65	65	70	75
Nos.	108	109	110	111	112
Per carton	0 85	90	95	1 00	1 05
Nos.	203	204	205	206	207
Per 1,000	$0 90	90	90	95	1 05
Nos.	208	209	210	211	212	213
Per 1,000	$1 20	1 25	1 40	1 50	1 55	1 70
Nos.	303	304	305	306	307
Per 1,000	$0 90	90	90	95	1 10
Nos.	308	309	310	311	312	313
Per 1,000	$1 20	1 25	1 35	1 50	1 55	1 70
No. 325	per 1,000	$1 10
No. 330	"	1 10
Nos.	404	405	406	407	408	409	410
Per 1,000	$1 70	1 75	1 85	1 90	2 05	2 15	2 25
Nos.	504	505	506	507	508	509	510
Per 1,000	$1 70	1 75	1 85	1 90	2 00	2 15	2 25
No. 425	per 1,000	$1 90
No. 430	"	1 90

629 **GILBERT WOOD SPLIT PULLEYS.**

New page dated October 1, 1909.
Entire page ..... discount 50 per cent

630 **GILBERT WOOD SPLIT PULLEYS.**

New pages dated Oct. 1, 1909.
How to order pulleys—

SPRING COTTERS.

Sizes—Inches	3-32x¾	3-32x1	⅛x1	⅛x1¼
Per M.	$0 33	40	55	65
Sizes—In.	⅛x1½	3-16x1¼	3-16x1½	3-16x1¾
Per M.	$0 70	1 20	1 35	1 50
Sizes—Inches	3-16x2	3-16x2½	3-16x3	¼x1½
Per M.	$1 65	1 95	2 20	2 25
Sizes—Inches	¼x1¾	¼x2	¼x2½	¼x3
Per M.	$2 55	2 85	3 45	4 00
Sizes—Inches	5-16x2	5-16x2½	5-16x3	¾x2
Per M.	$4 40	5 25	6 10	7 25
Sizes—Inches	⅜x2¼	⅜x2½	⅜x3	⅜x3½
Per M.	$7 85	8 45	9 65	10 85
Sizes—Inches	½x3	½x3½	⅝x3	⅝x3½
Per M.	$17 50	20 05	32 25	35 60
Per box, assorted	each $0 35

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CHAIN.

New page dated March 1, 1909.

IRON JACK.

Nos.	8	9	10	12
Per dozen yards	$0 55	55	45	25
Nos.	14	16	18	16D
Per dozen yards	$0 25	18	15	25

BRASS JACK.

Nos.	10	12	14	16	18	20
Per dozen yards	$1 90	1 10	70	45	35	25

SAFETY.

Nos.	00	0	1	2
Brass, per dozen	$0 45	56	65	1 00
Nickel plated "	55	65	85	1 15

COPPERED COIL.

No. 7 ..... per 100 ft. $2 30

GALVANIZED COIL.

No. 1 ..... per 100 ft. $2 40

AMERICAN COIL.

Nos,	000	00	0	1
Per 100 feet	$3 95	3 40	3 00	2 70
Nos.	2	3	4	
Per 100 feet	$2 35	2 20	2 10	

TRIUMPH COIL.

Nos.	000	00	0	1
Per 100 feet	$4 30	3 70	3 25	2 85
Nos.	2	3	4	
Per 100 feet	$2 55	2 35	2 30	

TENSO COIL.

Nos.	000	00	0	2
Per 100 feet	$3 80	3 30	2 95	2 35

GERMAN COIL.

Nos.	000	00	0	1
Per 100 feet	$3 80	3 30	3 20	3 20
Nos.	2	3	4	5
Per 100 feet	$2 90	2 80	2 75	2 70

GERMAN STRAIGHT LINK COIL.

Nos.	000	00	0
Per 100 feet	$3 80	3 30	3 20

MACHINE CHAIN.

Nos.	0	00	000
Per 100 ft.	$6 55	6 85	7 50

632 **HALTER CHAINS.**

New page dated March 1, 1909.

O. V. B. RUST PROOF.

Nos.	000	00	0	1
4½ feet ....per dozen	$2 65	2 25	2 00	1 65
6 feet ..... "	3 40	2 85	2 50	2 20
Nos.	2	3	4	5	6
---	---	---	---	---	---
4½ ft...per doz.	$1 50	1 40	1 35	1 30	1 25
6 ft. ... "	1 95	1 80	1 70	1 60	1 55

AMERICAN.

Nos.	000	00	0	1
4½ feet ....per dozen	$2 80	2 40	2 10	1 80
6 feet ..... "	3 60	3 10	2 70	2 40
Nos.	2	3	4	5	6
---	---	---	---	---	---
4½ ft...per doz.	$1 70	1 50	1 45	1 40	1 30
6 ft. ..... "	2 15	2 00	1 90	1 80	1 75

TRIUMPH.

Nos.	000	00	0	1
4½ ft. .....per dozen	$2 85	2 45	2 15	1 90
6 ft. ..... "	3 70	3 15	2 75	2 45
Nos.	2	3	4	5	6
---	---	---	---	---	---
4½ ft.per dozen	$1 70	1 50	1 45	1 40	1 35
6 ft... "	2 20	2 05	1 90	1 85	1 75

BROWN'S.

Nos.	000	00	0	1
4½ ft.....per dozen	$2 30	2 00	1 75	1 50
6 ft. ..... "	2 95	2 55	2 20	2 00
Nos.	2	3	4	5	6
---	---	---	---	---	---
4½ ft.per dozen	$1 35	1 20	1 15	1 10	1 10
6 ft... "	1 80	1 65	1 55	1 50	1 40

GERMAN.

Nos.	000	00	0	1
4½ ft. .....per dozen	$3 30	2 90	2 60	2 20
6 ft..... "	4 15	3 60	3 20	3 05
Nos.	2	3	4	6
4½ ft.....per dozen	$2 10	2 20	2 10	2 10
6 ft..... "	2 75	2 90	2 80	2 75

633 **COW TIES, CATTLE STANCHIONS, ETC.**

New page dated March 1, 1909.

COW TIES.

Nos.	102	103	112	113	114	122
Per dozen	$1 55	1 60	1 60	1 70	1 85	1 85
Nos.	123	142	143	301	302	303
Per dozen	$1 95	1 60	1 75	1 55	1 85	2 00

Nos. 304 ..... per dozen $2 40
Nos. 201 to 243, cow ties ..... Erase

TIE-OUT CHAINS.

Nos., ft.	1-20	0-30	00-20	00-30
Per dozen	$4 30	7 20	5 95	8 65
Nos.	130	20	30	
Per dozen	$9 90	5 40	8 65	

No. 500—Cattle Stanchions ..... per dozen $13 80
No. 1—Stanchion Irons ..... per 100 $6 30

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CHAIN AND LOAD BINDERS.

Now page dated March 1, 1909.

COMMON CABLE COIL CHAINS.

Sizes, in.	3-16	1-4	5-16	3-8
Per 100 pounds	$11 70	7 80	6 30	5 60
Sizes, in.	7-16	1-2	5-8	3-4
Per 100 pounds	$5 10	4 80	4 70	4 50
Sizes, in.	7-8	1	1¼	
Per 100 pounds	$4 40	4 20	4 40	

"BB," DOLLIED.

Sizes, in.	3-16	1-4	5-16	3-8
Per 100 pounds	$13 50	9 60	8 10	7 40
Sizes, in.	7-16	1-2	5-8	3-4
Per 100 pounds	$6 90	6 60	6 50	6 30
Sizes, in.	7-8	1	1¼	
Per 100 pounds	$6 20	5 50	6 20	

"BBB," CRANE DOLLIED AND BLACKED

Sizes, in.	3-16	1-4	5-16	3-8
Per 100 pounds	$14 10	10 45	8 70	8 00
Sizes, in.	7-16	1-2	5-8	3-4
Per 100 pounds	$7 50	7 20	7 10	6 90
Sizes, in.	7-8	1	1⅛	
Per 100 pounds	$6 80	6 60	6 80	

STEEL LOADING.

Nos.	9-32	10-32	11-32
Per 100 pounds	$18 90	17 25	14 70

DREDGE, DOLLIED AND BLACKED.

Sizes, in.	1-2	5-8	3-4
Per 100 pounds	$10 80	10 80	9 90
Sizes, in.	7-8	1	1¼
Per 100 pounds	$9 55	8 85	8 40

SWEDISH IRON.

Sizes, in.	1-4	5-16
Per 100 pounds	$15 60	13 50

PASSING LINK CHAIN.

No. 95 ..... per 100 feet $6 30

CABLE LOG CHAIN.

Length, ft.	10	12	14	16
¼ in. ...per dozen $		Erase	10 45	
5-16 in. "	9 85	11 40	12 80	14 40
⅜ in.. "	11 00	12 90	15 40	17 70
½ in.. "			21 10	

LOAD BINDERS.

Goodyear's ..... per pair $3 30

WELL CHAINS.

Nos.	1	2
Per dozen	$0 90	1 10

635 **CHAINS.**

New page dated March 1, 1909.

TRACE.

Nos.	1	2	3	4	4½
Per pair	$0 32	37	33	43	45
Nos.	05	5	6	7	8
Per pair	$0 40	45	52	64	57
Nos.	13	14	14½	15	16
Per pair	$0 37	43	50	49	55
Nos.	24	25	104	105	
Per pair	$0 43	39	48	52	

HALF TRACE.

Nos.	44	46	144	146
Per dozen pairs	$3 00	3 40	3 30	3 75

WAGON STAY CHAINS.

Nos.	14	15	16
Per dozen pairs	$2 40	2 95	3 95

STRETCHER.

Nos.	25	26
Per dozen	$6 60	8 70

BREAST.

Nos.	1	3	70	2
Per dozen pairs	$2 75	3 50	7 80	4 75
Nos.	4	208H	250H	251H
Per dozen pairs	$3 00	9 10	10 65	11 70
Nos.	218H	220H	217H	
Per dozen pairs	$11 40	12 95	15 85	

636 **CHAIN REPAIRS AND WRENCHES.**

Now page dated March 1, 1909.

REPAIR LINKS.

Sizes, in.	3-16x1½	¼x1¼	¼x3	5-16x1½
Per gross	$0 80	90	1 50	1 30
Sizes, in.	⅜x1½	⅜x2½	7-16x2½	½x2½
Per gross	$1 70	2 60	3 10	3 90
Inches	¼	5-16	⅜	½
Per gross	$4 30	5 05	6 50	8 65
No. 2530—Inch		5-16	⅝	½
Per gross		$4 30	5 75	11 50

"S" HOOKS.

No. 10—Inch	1½	2	2½	3
Per gross	$0 95	1 15	1 50	1 85

COLD SHUTS.

No. 20—Inches	¼	5-16	⅜	7-16	½
Per gross	$2 40	2 70	3 00	3 60	5 40

OPEN RINGS.

Nos.	25	30	35	40
Per gross	$2 80	5 40	4 20	6 90

Page

CHAIN HOOKS, ROUND.

For Chain, in.	¼	5-16	⅜	7-16	½
Per gross	$10 30	11 65	13 20	16 50	23 10

CHAIN HOOKS, GRAB.

For Chain, in.	¼	5-16	⅜	7-16	½
Per gross	$10 30	11 65	13 20	16 50	23 10

MALLEABLE WRENCHES.

Nos.	70	71	72	73	75
Per dozen	$0 36	43	55	70	70
Nos.	31	32	33	34	35	36
---	---	---	---	---	---	---
Per dozen	$0 85	1 15	70	73	80	85

WAGON WRENCHES.

Nos.	60	61	62
Per dozen	$1 30	1 30	1 30

637 **MALLEABLE CLEVISES, ETC.**

New page dated March 1, 1910.

Clevices.

Nos.	691½	691¼	379	703½	691	705½
Per doz.	$0 65	75	85	erase	1 00	60
Nos.	705¾	702½	704	703¾	703⅛	704½
Per doz.	$0 65	70	70	90	1 10	1 65
Nos.	704¾	55	50	702	701	701½	738
Per doz.	$0 85	2 35	1 90	30	40	50	55
Nos.	764	725	100	729	736	60	
Per dozen	$0 30	55	1 85	4 20	3 85	1 10	

SWIVELS.

⅝ in eye ..... per dozen $0 20
¾ in. eye ..... " 20

Plow Pulleys.

No. 11 ..... per dozen $5 40

638 **IRONED SINGLETREES.**

New page dated March 1, 1910.

Nos.	1	2	1¾	307	307½	408	407
Per doz.,	$1 50	3 25	2 45	2 90	2 90	3 60	3 30
Nos.	3	33	30	220	320	13	420
Per dozen	$4 50	6 00	5 40	5 40	7 10	4 50	6 95

WAGON SETS.

No. 1745 ..... per dozen sets $25 20

NECK YOKES.

Nos.	15	16	25	415	150
Per dozen	$6 20	10 55	7 80	7 10	8 40

IRONED DOUBLETREES.

Nos.	10	21½	21
Per dozen	$3 80	5 70	6 00

639 **SINGLETREES.**

New page dated March 1, 1910.

Nos.	11	12	112
Per dozen	$4 40	6 40	7 20

DOUBLETREES.

Nos.	110	160
Per dozen	$9 60	15 00

THREE HORSE HITCHES.

No. 175 ..... per dozen sets $25 20

NECK YOKES.

No. 170 ..... per dozen $12 00

WAGON SINGLETREE WOODS.

Nos.	35	36
Per dozen	$2 70	1 30

BUGGY OR EXPRESS SINGLETREE WOODS.

Nos.	61	62	63	64
Per dozen	$1 50	1 55	1 60	2 00

BUGGY OR EXPRESS NECK YOKE WOODS.

Nos.	81	82	83
Per dozen	$1 55	1 60	1 85

WAGON NECK YOKE WOODS.

Nos.	38	40	42
Per dozen	$2 60	3 00	3 95

PLOW DOUBLETREE WOODS.

Nos.	18	19
Per dozen	$3 00	3 60

WAGON DOUBLETREE WOODS.

No. 20 ..... per dozen $4 50

BUGGY OR EXPRESS DOUBLETREE WOODS.

Nos.	71	72	73
Per dozen	2 60	2 65	2 75

640 **SINGLETREE IRONS.**

New page dated March 1, 1910.

No. 75 ..... per dozen sets $1 60
No. 1 ..... " " 2 40

CENTER CLIP.

Nos.	37	34	52
Per dozen	$0 90	1 75	90

FERRULES AND HOOKS.

Nos.	51	55	61	60
Per dozen	$0 80	1 25	1 10	1 60

(Continued on next page)

Page

WHIFFLETREE HOOKS AND STRAPS.

Nos.		64		47
Per dozen pairs		$0 90		1 10
No. 38	per dozen	$0 50		

NECK YOKE IRONS.

Nos.	79	80	10
Per dozen	$0 80	1 00	2 00

WHIFFLETREE STRAPS.

No. 65 ..... per dozen $0 60

POLE CAPS.

No. 1 ..... per dozen $1 55

KING BOLTS.

Nos.	31	32	33	41	42	43
Per dozen	$1 40	1 75	2 65	1 40	1 75	2 65

BOLSTER PLATES.

Nos.	10	11	12
Per dozen pairs	$4 75	5 05	5 50

RUB IRONS.

No. 10 ..... per dozen $0 65

641 **SECTION RIVETS.**

New page dated March 1, 1910.

FLAT COUNTERSUNK HEAD.

No. 5½	per pound	$0 08
No. 3	"	08

BUNG HEAD.

No. 5½ ..... per pound $0 08

WAGON BODY RIVETS.

Nos.	43&53	44&54
Per pound	$0 06¾	06¼

TIRE RIVETS AND BURS.

No. 64 ..... per pound	$0 15
No. 65 ..... "	15
Extra burs, for ¾ in. ..... "	15
Extra burs, for 5-16 in. ..... "	15

LEATHER WASHERS.

Inches	⅜	1	1⅛	1¼	1½
No. 150 ..... per 100	$0 13	15	16	20	25
Inches	⅜	1	1⅛	1¼	1½
No. 100 ..... per 100	$0 15½	18	20	25	30
Inches	¾	1	1⅛	1¼	
No. 200 .... per box of 5 sets	$0 10	15	16	20	

CLIP KING BOLTS.

Nos.	1	2	3	4
Per dozen	$2 40	2 50	2 90	4 50

ANTI-RATTLERS.

Nos.	2	1	1901	55
Per dozen pairs	$0 52	85	70	2 40

T HEAD SHAFT AND WHIFFLETREE BOLTS.

Inches	1½	1¾	2	2¼	2½
¼ in. per 100	$1 65	1 70	1 75	1 80	1 85
Inches			3½	4	4½
5-16 in. per 100			$3 60	3 60	3 60
⅜ in. "			4 20	4 20	4 20

642 **AXLE CLIPS.**

New page dated March 1, 1910.

Nos.	1	2	3	4	5
5-16 in. per dozen	$0 25	25	30	35	40
Nos.	21	22	23	24	25
⅜ in. per dozen	$0 30	35	40	50	50

WAGON STAKE IRONS.

Nos.	1530	1535	1630	1635	1735
Per dozen	$0 60	70	1 10	1 25	1 25

WAGON BOW STAPLES.

No. 5—1½ in. ..... per gross	$0 95
No. 5—1¾ in. ..... "	1 00
No. 5—2 in. ..... "	1 10
No. 6—All sizes ..... "	1 55

WHIFFLETREE BRACES.

Nos.	635	636	640
Per dozen	$0 40	40	55

WHIFFLETREE COUPLINGS.

Nos.	695	696	697	698
Per dozen pairs	$0 30	50	50	40

WHIFFLETREE HOOKS.

No. A70 ..... per dozen	$0 15
No. B70 ..... "	15

No. B80—In.	⅞	1	1⅛	1¼	1⅜ 1½
Per dz. prs.	$3 00	3 00	3 45	3 90	4 50 5 10

SHAFT COUPLINGS.

Nos.	10	11	14	17	18	19
Per dz. prs.	$3 30	3 30	3 40	4 80	5 80	8 60
Nos.	20	21	24	27	28	29
Per. dz. prs.	$2 05	2 05	2 65	3 30	4 00	5 95

STEEL SHAFT ENDS.

Nos.	10	20
Per single dozen	$3 30	4 50

643 **WAGON BOX RODS.**

New page dated March 1, 1910.

Nos.	2-⅝x39	12-⅝x45	1-⅝x39
Per dozen	$0 90	1 00	0 95
Nos.	11-⅝x43	11-⅝x45	21-7-16x29
Per dozen	$1 00	1 10	1 25
Nos.	20-⅝x39	120-⅝x45	10-⅝x39
Per dozen	$1 05	1 10	1 10
Nos.		110-⅝x43	110-⅝x45
Per dozen		$1 15	1 20

Page

WAGON BOX SIDE BRACES.

Nos.	25	26	35	36
Per set	$0 45	45	65	65

WAGON BOX STRAP BOLTS.

Nos.	01	1	2	3	4	5	6
Per set	$0 35	40	40	45	40	50	55

HOOK END WAGON BOX STRAP BOLTS.

No. 15 ..... Per set	$0 55
No. 16 ..... "	65

SEAT SPRINGS.

Size	1¼x24	1⅜x25	1½x26
Per pair	$0 50	52	55
Size	1¼x28	1½x28	
Per pair	$0 80	80	

SEAT SPRING HOOKS.

No. 166 ..... per lb.	$0 05
No. 167 ..... "	05

THIMBLE SKEINS.

F. O. B. Chicago.

All sizes ..... discount 60 per cent

F. O. B. Carpentersville, Ill.

All sizes ..... discount 60—10 per cent

HAY RACK BRACKETS.

Nos.	1	2	5
Per doz. sets	$10 80	11 50	28 80

644 **JACKS AND CRANES.**

New page dated March 1, 1910.

JACK SCREWS.

Sizes	1½x8	1½x10	1½x12	1¾x8	1¾x10
Each	$1 45	1 60	1 80	1 70	1 95
Sizes	1¾x12	1¾x14	2x6	2x8	2x10
Each	$2 15	2 35	1 80	2 10	2 35
Sizes				2x12	2x14
Each				$2 60	2 90

JACKS.

Nos.	03	01	02	4	5	6
Per doz.	$17 30	19 45	23 75	51 85	77 75	172 80
Nos.	111	112	113	1	2	3 18
Per doz.	$7 20	9 00	12 00	7 20	9 60	14 40 9 00

HOISTING CRANES.

No. 2 ..... each $10 80

647 **FELLOE OILERS.**

New page dated October 1, 1909.

Nos.	1	2	3
Per dozen	$9 00	4 50	2 95

FOOT WARMERS.

Nos.	2	3	4	5
Per dozen	$2 70	3 00	3 30	3 90

MECHANICS' AND HARDWARE MEN'S SOAP.

Per box of 25 bars $1 80

AXLE GREASE IN WOOD BOXES.

Hub Lightning ..... per gross	$6 60
Diamond ..... "	6 30
Frazer's ..... "	11 10

O. V. B. GRAPHITE AXLE GREASE.

1 lb. ..... per gross	$10 80
3 lb. ..... "	28 80

IN TIN CANS.

1 lb. Frazer's Carriage ..... per dozen	$1 50
1½ lb. Frazer's Wagon ..... "	1 40
3 lb. Frazer's Wagon ..... "	2 50
5 lb. Frazer's Wagon ..... "	3 80

IN WOOD PAILS.

15 lb. Hub Lightning ..... each	$0 65
25 lb. Hub Lightning ..... "	90
15 lb. Frazer's Wagon ..... "	90
25 lb. Frazer's Wagon ..... "	1 45

648 **HORSE SHOE NAILS.**

New page dated October 1, 1909.

Nos.	4	5	6	7	8	9
5-lb. pkgs. per lb.	$0 31	17	16	15	15	14
25-lb. pkgs. "		30	16	15	14	14 13

PERFECT HORSE SHOE NAILS.

Nos.	5	3	7	8	9
5 lb. pkgs. per lb.	$0 12½	12½	12½	12½	12½
25 lb. pkgs. "	11	11	11	11	11

STAR HORSE SHOE NAILS.

No. 4 ..... per pound	$0 39
Nos. 5 to 9 ..... "	16

TOE CALKS.

Bessemer—All Nos. ..... per pound	$0 05
Juniata—All Nos. ..... "	05½
Swedes—All Nos. ..... "	07

649 **HORSE SHOES.**

New page dated March 1, 1910.

We cannot ship horse shoes from factory in less than 50 kegs in the following States or Territories: Michigan, Minnesota, Missouri, Nebraska, North Dakota, Oklahoma, South Dakota, Wisconsin. To any of the other States we can ship 10 kegs or more.

F. O. B. Pittsburg, Pa. ..... Market price

Page

650 **HORSE SHOES.**

New page dated March 1, 1910.

F. O. B. Pittsburg, Pa. ..... Market price

651 **DRIVE WELL POINTS.**

New page dated March 1, 1910.

All sizes ..... discount 70-10-5 per cent.

Well Point Extensions..discount 70-10-5 per cent.

In ordering Well Points be sure to state what gauze is wanted, as they are made all the way from 60 to 100.

652 **WELL POINTS.**

New page dated March 1, 1910.

All sizes ..... discount 75 per cent.

NO. 338 SUCTION STRAINERS.

Inches	1	1¼	1½
Gauze Covered ..... each	$0 20	23	27

653 **STAR POINTER FORCE PUMPS.**

New page dated March 1, 1910.

Directions and general description.

654 **STAR POINTER FORCE PUMPS.**

New page dated March 1, 1910.

Entire page..... discount 40 per cent

654A **STAR POINTER FORCE PUMPS.**

New page dated March 1, 1910.

Entire page..... discount 40 per cent

654B **STAR POINTER FORCE PUMPS.**

New page dated March 1, 1910.

Entire page..... discount 40 per cent

654C **STAR POINTER FORCE PUMPS.**

New page dated March 1, 1910.

Entire page..... discount 40 per cent

654D **STAR POINTER PUMP CYLINDERS AND REPAIRS.**

New page dated March 1, 1910.

Entire page..... discount 40 per cent

654E **STAR POINTER PUMP REPAIRS.**

New page dated March 1, 1910.

Entire page..... discount 40 per cent

655 **STEEL CHAIN PUMPS.**

New page dated March 1, 1910.

Well Curbs.

No. 20 ..... each	$2 10
No. 30 ..... "	2 90

Pump Platforms.

Nos.	21	35	31
Each	$0 75	3 00	4 80

IXL Pump Tubing.

Nos. 33, 34, 35 and 36 ..... per foot	$0 05½
No. 38—Couplings ..... per pair	15

656 **PUMPS AND PUMP FIXTURES.**

New page dated March 1, 1910.

Rubber Buckets.

	Wychoff.	Star.	Cooper.	IXL.	Victor.
Per gross	$5 20	5 45	4 90	7 45	10 95

PUMP RODS.

⅜ and 7-16 in. ..... per pound $0 05

PUMP ROD COUPLINGS.

⅜ and 7-16 in. ..... per pound $0 15

Pump Chain.

No. 6 ..... per 100 pounds $6 60

Chain Pump Fixtures.

No. 10 ..... per dozen sets $4 15

Well Wheels.

Wheel—Inches	8	10	12	14
Per dozen	$2 70	3 60	4 50	5 70

Well Wheel Hooks.

No. 1 ..... per dozen $0 85

Pump Leathers.

Valves—Nos.	1	2	3
Per dozen	$0 45	55	70
Plungers	21	22	23
Per dozen	$0 45	55	70

Plunger or Cup Leathers.

Nos.	8	9	10	11	12	13	14	15
Dozen.	$0 30	35	40	60	70	85	1 00	1 15

Thresher Tank Pump Valves.

No. 25 ..... per dozen $3 00

Well Bucket Valves.

No. 60—All sizes ..... per dozen $2 00

Chain Pump Tubing.

1⅝ in. ..... per foot $0 05

656½ **SINK BRACKETS.**

14x16 in. ..... per pair	$0 50
16x18 in. ..... "	55

The purpose of this book is to give an "idea" of actual values.

Page 657

SINKS.

Cast Iron.

No. 65—Inches	16x24	16x28	16x30	18x30
Each	$1 10	1 25	1 35	1 50
No. 65—Inches	20x30	18x32	18x36	20x36
Each	$1 80	1 80	1 80	2 25

Wrought Steel.

No. 44—Inches	16x24	18x30	18x36	20x30	20x36
Each	$1 10	1 35	1 75	1 60	2 00

White Enameled.

Inches	16x24	16x28	16x30	18x30
No. 58—Each	$2 80	3 25	3 35	Erase
Inches		18x36	20x30	20x36
No. 58—Each		$4 05	Erase	4 55

SINK COUPLINGS.

No. 1 ..... each $0 20
No. 2 ..... " 22

PIPE MENDERS.

No. 9 ..... Erase

658 **LEAD PIPE.**

We do not make any charge for wrapping on lead pipe.
Full Coils ..... per 100 lbs. $7 80
Cut Coils ..... " 8 40

DRAWN LEAD TRAPS AND BENDS.

Discount ..... 35 per cent.

658A **STEEL PIPE.**

New page dated Oct. 1, 1909.

Black.

Market price.

Galvanized.

Market price.

HANDY FORCE PUMPS.

No. 25 ..... per dozen $3 40
No. 26 ..... " 5 40

SWIVEL WATER CONDUCTORS.

No. 100 ..... per dozen $3 60

FLUE CLEANERS.

Size	1 to 2	2¼	2½	2¾	3	3¼
Each	$1 60	1 80	2 05	2 20	2 40	2 60
Size	3½		4	4½	5	6
Each	$2 75	3 25	4 00	4 80	5 70	

Sizes 4½, 5 and 6, not in stock.

659 **LUNKENHEIMER GENERATOR VALVES.**

New page dated Oct. 1, 1909.
Nos. 779 and 780—All sizes.discount 35 per cent
Nos. 79, 78, 81, 80, 77—All sizes ..... " 60 per cent

660 **VALVES AND COCKS.**

New pages dated Oct. 1, 1909.

GENERATOR VALVES.

No. 76—All sizes.....discount 50 per cent

GLOBE AND ANGLE VALVES.

Nos. 111 and 110—All sizes.discount 70 per cent
Nos. 102 and 101—All sizes. " 60 per cent

GATE VALVES.

No. 119—All sizes.....discount 60 per cent

STEAM COCKS.

Nos. 130 and 131—All sizes.discount 65 per cent

660A **VALVES, COCKS, INJECTORS AND GAUGES.**

New page dated Oct. 1, 1909.

CHECK VALVES.

No. 103—All sizes.....discount 60 per cent
No. 106—All sizes..... " 60 per cent
No. 112—All sizes..... " 70 per cent
No. 105—All sizes..... " 75 per cent

GAS SERVICE COCKS.

No. 132—All sizes.....discount 70 per cent

ROUGH STOPS.

Nos. 144CW and 145CW....discount 75 per cent
Nos. 144 and 145—All sizes.discount 75 per cent

U. S. AUTOMATIC INJECTORS.

Discount ..... 75 per cent

WATER GAUGES.

No. 5 ..... each $0 90

660B **GAUGES, VALVES AND COCKS.**

New pages dated Oct. 1, 1909.

WATER GAUGES.

Nos.	7	10	12
Each	$1 40	1 20	1 80

GAUGE COCKS.

Nos.	02	03	04	05	06	07
Each	$0 30	30	40	40	40	45

RADIATOR AIR VALVES.

No. 3 ..... each $0 09
No. 4 ..... " 08½
Extra keys ..... " 04

Page

AIR COCKS.

Nos.	038	006	007	08
Each	$0 21	13	14	16
Nos.	09	012	013	014
Each	$0 18	17	18	20
Nos.	026	027	028	029
Each	$0 21	26	28	27
Nos.			030	031
Each			$0 30	32

660C **LUNKENHEIMER PRIMING, OIL AND GREASE CUPS.**

New pages dated Oct. 1, 1909.

PRIMING CUPS.

Nos. 820 to 702.....discount 50 per cent

LUBRICATORS.

Discount ..... 45 per cent

PIONEER OIL CUPS.

Discount ..... 45 per cent

SENTINEL OIL CUPS.

Discount ..... 70-5 per cent

CHAMPION OIL CUPS.

Discount ..... 25-5 per cent

GREASE CUP.

Discount ..... 50-5 per cent

660D **GREASE CUPS.**

New pages dated Oct. 1, 1909.

LUNKENHEIMER.

Jewel ..... discount 50 per cent
Tiger ..... " 50-5 per cent

EMPRESS.

No. 100—Sizes	00	0	1	2	3	4
Each	$0 13	16	20	28	40	65
No. 101—Sizes	00	0	1	2	3	4
Each	$0 11	14	17	24	32	56
No. 102—Sizes	00	0	1	2	3	4
Each	$0 08	10	12	15	20	30
No. 103—Sizes			000	00	0	
Each			$0 17	21	27	
No. 104—Sizes			00	0		
Each			$0 16	19		
No. 102—Sizes	00	0	1	2	3	
Each	$0 33	44	56	73	1 00	
No. 106—Sizes	00	0	1	2	3	
Each	$0 30	36	41	48	65	

661 **PLAIN AND HOSE BIBB COCKS.**

New page dated March 1, 1909.

COMPRESSION PLAIN BIBBS.

Nos.	872	873	874	872N	873N	874N
Per dozen	4 90	6 95	9 00	5 95	8 00	10 25

COMPRESSION HOSE BIBBS.

Nos.	892	893	894	893N	894N	883	884
Per dozen	$5 75	7 80	9 85	8 80	10 05	7 80	9 85

FULLER BIBBS.

Nos.	970	975	990	995	971	973
Per dozen	$5 65	7 30	6 80	8 40	5 65	7 30
Nos.		971N	973N	991	993	991N
Per dozen		$6 80	8 40	6 80	8 40	7 95
Nos.		993N	972	974	992	994
Per dozen		$9 55	6 50	8 40	7 60	10 75

662 **BRASS COCKS AND FAUCETS.**

New page dated March 1, 1909.

PLAIN BIBBS.

Nos.	230	231	232	233	234
Per dozen	$6 60	7 00	7 70	9 90	10 90

TELEGRAPH FAUCETS.

Nos.	321	322	321N	322N
Per dozen	$9 50	9 80	12 40	12 65

RUBBER BALLS.

½ inch ..... per dozen $0 15
⅝ inch ..... " 18

RACKING COCKS.

Nos.	10	11	12	13	14	21	22
Per doz.	$3 10	3 90	5 05	7 00	10 50	4 10	5 45
Nos.	23	30	31	32	40		41
Per dozen	$7 60	4 90	6 15	8 20	5 10		6 55
Nos.	630	631	632	640	641		642
Per doz.	$5 05	6 10	7 90	5 20	6 50		8 45

COMPRESSION LOCK COCKS.

Nos.	530	531	532	540	541	542
Per dozen	$6 15	7 35	9 45	6 35	7 80	10 05

663 **MILK CAN FAUCETS, OIL GATES, ETC.**

New page dated March 1, 1909.

ANDREW FAUCETS.

No. 1310 ..... per dozen $9 85
No. 1410 ..... " 10 25

LIQUOR COCKS.

No. 65 ..... per dozen $12 00

PETROLEUM FAUCETS.

Nos.	13	14	5	6	7
Per dozen	$3 20	3 75	4 25	5 45	7 85

Page

ANGLE PLUG FAUCETS.

No. 120 ..... per dozen $0 95

MOLASSES AND OIL GATES.

Nos.	1	2	3	4	5
Per dozen	$1 80	2 05	2 30	2 55	3 10
Nos.	½	¾	1	1¼	1½ 2
Per doz.	$4 10	5 20	6 05	7 00	8 45 12 10

WEIGH CAN GATES.

No. 103 ..... per dozen $15 55
No. 113 ..... " 19 85

MEASURING FAUCETS.

No. 71 ..... per dozen $23 00

MILK CAN FAUCETS.

Nos.	72	83	84	62
Per dozen	$3 60	4 20	4 50	4 50

665 **BATH ROOM SUPPLIES.**

New page dated March 1, 1910.

Nos.	4000	3628	2617	4006 3629
Per dozen	$5 70	6 60	4 50	9 60 8 40
Nos.	3664	100	4020	3601
Per dozen	$6 60	4 20	6 00	5 10
Nos.	2606	3605	3642	5316
Per dozen	$9 90	14 40	9 00	19 20

666 **BATH ROOM SUPPLIES.**

New page dated March 1, 1910.

TUMBLER, TOOTHBRUSH AND SOAP HOLDERS.

Nos.	2615	2614	115	133
Per dozen	$4 80	6 30	6 00	6 60
Nos.	5111	5110	3630	160
Per dozen	$10 80	15 60	11 40	7 20
Nos.	3651	5210	5211	5213
Per dozen	$19 20	33 60	33 60	48 00
Nos.	5108	5505	5507	5501
Per dozen	$4 20	1 30	2 40	3 90

667 **TOWEL BARS.**

New page dated Oct. 1, 1909.

Nos.	29	2645	1418	1424	1430
Per dozen	$0 90	8 40	2 90	3 60	3 90
Nos.	1436	1518	1524	1530	1536
Per dozen	$4 50	5 10	5 40	6 00	6 60
Nos.	2618	2624	2630		2636
Per dozen	$7 20	8 70	19 80		23 40

SHAVING MIRRORS.

No. K41.....per dozen $28 80

BATH SPRAYERS.

No. 2608.....per dozen $7 80

BATH TUB SEATS.

No. 1100.....per dozen $8 40

WHISK BROOM HOLDERS.

No. 111 .....per dozen $2 15

TOILET PAPER HOLDERS.

Nos.	25	35	45	5415
Per dozen	$0 72	1 20	2 70	5 10

TOILET PAPER.

No. 20.....per case $4 10
No. 20.....per dozen 60
No. 30.....per case 5 70
No. 30.....per dozen 90

668 **MISCELLANEOUS ARTICLES.**

New pages dated Oct. 1, 1909.

CURLING IRONS.

Nos.	10	11	12
Per dozen	$0 50	55	65
Nos.	20	21	22 60
Per dozen	$0 60	65	80 1 10

WAVING IRONS.

No. 5 .....per dozen $2 40

CURLING IRON HEATERS.

No. 2 .....per dozen $1 80
No. 3 ..... " 1 10

PINKING IRONS.

Inches	⅜	½	⅝	¾	⅞	1	
Per dozen	$0 80	80	80	80	80	80	

MAGNETS.

Inches	2½	3	3½	4
Per dozen	$0 85	1 10	1 40	1 60

669 **CURTAIN POLE TRIMMINGS, ETC.**

New page dated October 1, 1908.

Size	1	1¼	1½	1¾	In.
No. 695	per dozen $1 90		1 90		
No. 696	"	36		36	
No. 002	"		90		90
No. 299	"	54		54	

Change No. 437 to read No. 299.

CURTAIN RODS.

Nos.	5	4	2	1	3B	3	0
Per doz.	$0 36	72	95	95	1 20	erase	1 90
No. 371—Curtain Rod Hooks						per gross	$0 54
No. 347—	"	"	"	"	"		70
No. 22B—Flexible Curtain Rods						per dozen	$1 30
No. 2B—	"	"	"	"	"		1 70

Inches	¼	⅜	½	⅝	¾	⅞	1
No. 7.per gross	$0 11	14½	16	20	25	40	60
Inches		⅜	7-16	½	⅝	¾	
No. 5	per gross	$0 36	50	60	80	1 15	
No. 0327—Drapery Hooks						per gross	$0 25

(Continued on next page)

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STAIR RODS.

Sizes, in.	⅝x24	⅝x26	¾x28	¾x30
Per dozen	$0 75	85	1 00	1 10

No. 246—⅝ in Oval Loop Stair Rod Fastenings ..... per gross $1 05
No. 246—¾ in. Oval Loop Stair Rod Fastenings ..... per gross $1 20
No. 28—7-16x28 in. ..... per dozen $2 40
No. 30—¾x30 in. ..... " 3 20

670 **PICTURE NAILS, HOOKS, WIRE, ETC.**

New page dated October 1, 1908.
No. 9—White porcelain center....per gross $1 45
No. 9—Ruby glass center ..... " 2 10

Nos.	24	100	101	102	103
Per gross	$2 40	2 75	2 75	2 75	2 75
Nos.	37	38	39	40	1	2
Per gross	$4 10	4 10	4 10	4 10	1 90	1 95
No. 10—Inches	1½	2	2½	3		
Per gross	Erase	erase	1 10	erase		
Nos.	30	127	125	122		
Per gross	$1 80	2 45	2 55	2 70		
Nos.	129	260	261	262		
Per gross	$2 85	5 45	5 45	5 45		
Nos.	263	107	09	27	99	327	65	5
Per gross	$5 45	28	1 55	55	1 70	1 40	2 10	3 00
Nos.	10	20	30	0	1	2	3	
Per dozen coils	$0 25	36	45	36	50	70	95	
Nos.	4	5	00	01	02	03		
Per doz. coils	$1 15	1 45	86	1 30	1 85	2 60		
Nos.	1	2	3					
Per lb.	$0 26	26	26					
Nos.	19	11	10					
Per dozen yards	$0 55	72	72					

671 **POCKET MATCH SAFES, CALL BELLS, ETC.**

New page dated Oct. 1, 1907.

See page 921 for Match Safes for prices and description.

Tea Bells.

Nos.	1T	2T	715
Per dozen	$1 40	1 80	6 30

Call Bells.

Nos.	72	9452	9459	9300
Per dozen	$2 30	4 20	erase	6 00
Nos.	9200	9403	0113	214
Per dozen	$6 00	9 30	21 60	22 80

Hand Bells.

Nos.	0	1	2	3	4	5	6
Dz.	$1 15	1 50	2 00	2 60	3 75	4 90	6 50
Nos.	7	8	9	10	12	2S	
Doz.	$7 85	10 55	13 70	17 10	20 50	3 90	
Nos.	4S	6S	8S	10S	8M	10A	
Doz.	$5 80	8 75	14 55	24 75	21 60	26 80	

672 **THERMOMETERS.**

New page dated Oct. 1, 1907.

Nos.	7	8	10	81	91
Per dozen	$0 85	1 20	1 50	3 00	3 95
Nos.	4½	5	3	6½	16½
Per dozen	$8 90	11 75	1 75	4 45	erase
Nos.	348	349	3S	39	14½
Per dozen	$1 50	1 80	1 95	2 20	2 70
Nos.	37	17	18	250	251	252
Per dozen	$1 95	4 90	5 95	2 40	2 85	3 90

673 **THERMOMETERS.**

New page dated Oct. 1, 1907.

Nos.	0254	254	255	264	265
Per dozen	$4 90	5 70	7 60	8 90	10 65
Nos.	266	606	608	610	355
Per dozen	$14 15	12 75	15 80	20 25	18 70
Nos.	46	47	58	1521	618	663
Per dozen	$8 60	11 20	1 45	2 85	8 60	11 40

674 **THERMOMETERS.**

New page dated Oct. 1, 1907.

Nos.	321	140	142	14	145
Per dozen	$11 40	1 45	1 45	1 10	3 60
Nos.	828	12	105½	754	
Per dozen	$5 15	1 85	4 30	4 85	

No. 1—Assortment ..... per assortment $13 80

681 **REV-O-NOC WEATHER STRIPS.**

New page dated March 1, 1910.

Width, in.	⅜	½	⅝	¾
Per 100 ft.	$1 10	1 35	1 55	1 80

ALASKA WEATHER STRIPS.

Width, in.	½	⅝	¾
Per 100 ft.	$1 00	1 25	1 55

GALVANIZED DOOR BOTTOMS.

Nos. 28-30 ..... per dozen $3 00

WOOD AND RUBBER WEATHER STRIPS.

Nos.	0	1	2	3	4	7
Per 100 ft.	$0 70	70	1 10	1 20	1 50	1 95
Per 1000 ft.	6 60	6 60	9 60	11 10	13 80	18 00
Nos.	60	61	62	63	64	65
Per 100 ft.	$1 10	1 30	1 80	2 40	2 40	3 30
Per 1000 ft.	9 60	12 00	16 80	21 60	21 60	30 00

SPRING DOOR BOTTOMS.

Nos. 1 and 2 ..... per dozen $3 60

682 **RUBBER DOOR MATS.**

New page dated March 1, 1910.
No. 1830 ..... per dozen $12 00

WIRE DOOR MATS.

Nos.	22	23	24	25	26	27
Per dozen.	$8 20	10 90	16 45	24 60	28 80	36 00

Page

FLAT STEEL DOOR MATS.

Nos.	32	33	34	35
Per dozen	$10 80	14 40	21 00	33 60

Dimension Mats (any size)...per sq ft. $0 33

COCOA BRUSH MATS.

Nos.	2	3	4	5
Per dozen	$7 80	9 60	11 70	14 40

FOOT SCRAPERS.

Nos.	2	14	104	101
Per dozen	$0 45	60	35	1 00
Nos.	4	012	140	10
Per dozen	$0 85	1 45	2 40	4 50

685 **BARNEY & BERRY ICE SKATE.**

New page dated October 1, 1908.

Nos.	A	AB	AN	F	ZB	ZN
Per pair	$0 60	65	85	1 20	95	1 30
Nos.	2	3	45	E	32	33	42
Per pair	$2 05	3 10	3 60	1 20	1 60	1 60	3 00
Nos.	43	63	66	71	832	73	21
Per pair	$3 10	3 80	3 80	1 45	2 15	3 00	4 50
Nos.	2L	2LB	LA	LAB	LAN	492	
Per pair	$0 80	85	1 05	1 15	1 30	2 70	

Change No. 72 to read No. 832.

686 **BARNEY & BERRY ICE SKATES AND SUNDRIES.**

New page dated October 1, 1908.

Nos	LZ	13	55
Per pair	$1 80	3 30	erase

No. 10 Skate Sharpeners.....per dozen $1 20
No. 15 " " " 1 20
No. 1 Sled Skates.....per pair $0 40
No. 5 Ankle Supports.....per dozen pairs $7 20
No. 2 " " " 9 15

SKATE STRAPS.

Inches	18	21	24	Yankee
Per dozen pairs	$0 80	85	90	Erase

Malleable Iron Skate Keys....per hundred $2 40

ICE CREEPERS.

Nos.	4	3	9	5	1	2
Per dz. prs.	$1 50	2 20	2 40	2 20	7 80	7 80

Little Clincher.....per dozen pairs $2 40
No. 14 Heel Plates.....per hundred pairs $1 20
No. 97 " " " 1 20

689 **COASTERS AND SLEDS.**

New page dated October 1, 1908.

Nos.	1	5	10	12
Per dozen	$2 80	3 75	6 00	8 70
Nos.	16	18	27	11
Per dozen	$11 70	15 50	29 00	7 40
Nos.	01	02	03	04
Per dozen	$9 85	11 20	12 90	14 75
Nos.	1106	301	302	
Per dozen	$19 70	19 20	22 80	
Nos.	303	85	86	87	103	106	110
Per doz.	$28 20	2 80	3 45	5 10	6 40	8 70	9 10

690 **SLEDS AND CHILDREN'S CUTTERS.**

New page dated October 1, 1908.

Nos.	210	125	330	100	200
Per dozen	$11 40	11 60	11 60	10 45	12 30
Nos.	300	020	030	520	573
Per dozen	$14 75	14 75	17 25	5 10	44 40
Nos.	580	610	205	501	
Per dozen	$59 10	118 20	erase	9 85	
Nos.	505	506	12SB		
Per dozen	$14 70	erase	erase		

690A **JUVENILE WAGONS.**

New page dated March 1, 1910.

Nos.	70	71	72	73
Per dozen	$14 95	17 25	29 70	24 15

691 **EXPRESS, FARM AND COASTER WAGONS.**

New pages dated Oct. 1, 1909.

STEEL EXPRESS WAGONS.

Nos.	04	03	02	0
Per dozen	$7 80	8 70	9 30	11 40
Nos.	1	2	3	5
Per dozen	$13 20	14 40	15 60	30 00

FARM WAGONS.

No. 355 ..... per dozen $68 40

COASTER WAGONS.

Nos.	33	34	35
Per dozen	$33 00	40 20	47 40
Nos.	111	112	113
Per dozen	$37 80	45 35	50 40

COASTER WAGON RUNNERS.

No. 50 ..... per dozen sets $15 00

692 **WAGONS, SULKIES, HAND CARS, ETC.**

New pages dated Oct. 1, 1909.
No. 60—Hand cars ..... per dozen $50 40

AUTOMOBILE WAGONS.

No. 375 ..... per dozen $50 40
No. 375½ ..... " 57 60
No. 394 ..... " 86 40

SULKIES.

No. 362 ..... per dozen $14 40

GOAT SULKIES.

No. 20 ..... per dozen $39 60

BOYS' GARDEN BARROWS.

No. 157 ..... per dozen $9 00

BABY WALKERS.

No. 50 ..... per dozen $30 00

Page

701 **TITLE PAGE.**

702 **REFRIGERATORS.**

Illustration showing parts.

703 **O. V. B. GREENLAND REFRIGERATORS.**

New page dated March 1, 1910.

Nos.	501	502	552	503
Each	$13 50	16 20	18 30	17 65
Nos.	553	504	554	505
Each	$19 75	20 35	22 55	17 15
Nos.	506	507	508	511
Each	$21 45	18 90	20 75	15 10
Nos.	512	513	515	517
Each	$17 85	19 80	27 05	37 85

704 **O. V. B. GREENLAND REFRIGERATORS.**

New page dated March 1, 1910.

Nos.	804	805	803
Each	$20 90	22 60	30 75
Nos.	807	612	613
Each	$35 40	19 65	21 75
Nos.	614	615	617
Each	$34 10	29 75	41 65

704A **O. V. B. GREENLAND REFRIGERATORS.**

New page dated March 1, 1910.

Nos.	711	712	713	714
Each	$19 35	20 95	28 10	20 25

705 **GREENLAND REFRIGERATORS.**

New page dated March 1, 1910.

Nos.	602	603	604	605	606
Each	$17 80	19 35	22 40	18 15	23 60
Nos.	525	520	621	630	631
Each	$52 30	53 70	85 70	102 60	128 25

706 **GREENLAND REFRIGERATORS.**

New page dated March 1, 1910.

Nos.	105	106	116	118	65	67
Ea.	$30 55	40 00	50 20	77 50	35 35	47 00

707 **REFRIGERATORS AND ICE CHESTS.**

New page dated March 1, 1910.

Nos.	900	901	902	903	904
Each	$8 30	10 20	11 55	14 50	15 75
Nos.	905	906	913	914	55
Each	$16 75	18 95	16 65	17 85	44 50
Nos.	916	51	52	53	54
Each	$21 80	6 90	9 25	12 05	15 55

717 **COFFEE MILLS.**

New pages dated Oct. 1, 1909.

Nos.	20	150	202	010
Per dozen	$3 90	erase	7 80	8 40

SIDE.

Nos.	077	099	A21	50
Per dozen	$6 30	10 80	3 90	5 10
Nos.	60	70	80	103	2
Per dozen	$5 40	6 60	9 60	16 80	44 40

Extra Cup for No. 099.....per dozen $0 90
Extra Canisters for No. 099.... " 2 40

718 **COFFEE MILLS.**

New pages dated Oct. 1, 1909.

Nos.	A13	104	103	102	25
Per dozen	$4 00	5 70	6 90	7 20	9 30
Nos.	1010	40	A8	300	301
Per dozen	$5 70	6 00	5 70	6 30	6 90
Nos.	302	431	425	541	
Per dozen	$7 20	7 80	9 60	8 70	

719 **WOODEN WARE.**

New page dated March 1, 1908.

POTATO MASHERS.

No. 3 ..... per dozen $0 70
No. 4 ..... " 75

ROLLING PINS.

Nos.	0	1	12	13
Per dozen	$0 90	1 30	1 55	2 10

MUSTARD SPOONS.

No. 7 ..... per dozen $0 25

WOOD SPOONS.

Nos.	3	4	5
Per dozen	$0 40	55	65

PASTRY BOARDS.

Nos.	2	3	4	5
Per dozen	$3 75	4 20	4 80	5 70

Nos. 12, 14 and 15.....Erase

MEAT BLOCKS.

No. 6 ..... per dozen $2 90

CHOPPING TRAYS.

Nos.	1	2	3
Per dozen	$6 30	8 10	10 20

WOOD BOWLS.

Nos.	13	15	17	19
Per dozen	$1 85	2 70	4 95	7 70

Nos. 13, 15, 17, nested.....per dozen $4 90

VEGETABLE SLICERS.

No. 6 ..... per dozen $2 10
No. 0 ..... " 1 20

SLAW CUTTERS.

Nos.	10	20	25	30	50	70
Doz.	$1 80	2 50	10 20	11 40	20 40	37 20

KNIFE TRAYS.

No. 10 ..... per dozen $1 30
No. 20 ..... " 1 60

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WOODEN WARE.

New page dated March 1, 1908.

DASH CHURNS.

Nos.	0	1	2	4	5	6
Dz.	$10 50	10 80	11 40	11 10	12 60	15 30

ANTI-BENT WOOD CHURNS.

Nos.		1	2	3
Per dozen		$4 80	5 10	5 40

EXTRA PARTS.

No. 31	each	$0 70
No. 32	"	35

BELLE CHURNS.

Nos.	0	1	2	3	4	5
Each	$2 75	3 10	3 40	3 80	4 80	5 40

For factory shipment only.

Nos.		6	7	8
Each		$7 50	8 90	12 00

EXTRA PARTS.

Frames	each	$2 05
Corks	per set	24
No. 12L Cranks	each	22

COVERS FOR BELLE CHURNS.

Nos.	0	1	2	3	4	5
Each	$0 90	1 15	1 35	1 55	1 80	2 10

CLYINDER CHURNS.

Nos.		1	2	3	4
Each		$2 10	2 50	2 95	3 35

BUTTER PRINTS AND MOLDS.

Nos.	5	10	10½	11	12
Per dozen	erase	55	1 45	1 55	erase
Nos.	21	32	41	42	51
Per dozen	$2 85	3 45	3 20	3 45	3 00

721 **WOODENWARE.**

New pages dated Oct. 1, 1909.

BUTTER LADLES.

Nos.	3	6	16	11
Per dozen	$0 42	72	55	65

SALT BOXES.

No. 9076	per dozen	erase
No. 7812	"	3 60

SPICE CABINETS.

No. 8	per dozen	$6 00

COMMON TAPERED CORKS.

Nos.	10	12	14	16	18	20
Per gross	$0 31	37	50	57	75	97

Assorted Nos. 11 to 20	per gross	$0 65
Assorted Nos. 2 to 10	"	30

BOTTLE CORKERS.

No. 5	per dozen	$5 40

BEER VENTS.

No. 1	per dozen	$2 10

CHICAGO WOOD FAUCETS.

Nos.	1	2	3	4	5	6
Per dozen	$0 48	60	70	85	95	1 10

CEDAR FAUCETS.

Nos.	7	8	9	10
Per dozen	$0 85	90	1 20	1 50

BLOCK TIN FAUCETS.

Nos.	0	1	2	10	11	12
Per dozen	$1 40	1 75	2 00	3 00	3 60	4 20

722 **WOODEN WARE.**

New pages dated Oct. 1, 1909.

TOWEL ROLLERS.

Nos.	3A	30	1
Per dozen	$1 10	1 50	4 10

TOWEL BARS

No. 6	per dozen	$1 80

WALL CLOTH DRYERS.

No. 111	per dozen	$8 40

CLOTH BARS.

Nos.	5	10	1	2
Per dozen	$13 80	9 90	10 20	9 30

CURTAIN STRETCHERS.

Nos.		1	13
Per dozen		$10 80	17 40

EXTRA BOLTS FOR CURTAIN STRETCHERS.

¼x1½ in.	per dozen	$0 29
¼x2¼ in.	"	29

723 **WOODEN WARE.**

New page dated March 1, 1910.

Ironing Tables.

Nos.	50	55	56
Per dozen	$10 80	14 40	20 40

SKIRT BOARDS.

Nos.	4½	5	6
Per dozen	$5 40	6 30	8 20

SLEEVE BOARDS.

No. 10	per dozen	$3 90
No. 12	"	3 30

Page

WASH BENCHES.

No. 60	per dozen	$17 40

STEP LADDER CHAIRS.

No. 57	per dozen	$16 80

ADJUSTABLE TABLES.

No. 1	per dozen	$52 80

FOLDING TABLES.

No. 5	per dozen	$10 20
No. 14	"	14 40

LAP BOARDS.

No. 1	per dozen	$6 60

724 **BASKETS, HAMPERS, MONEY DRAWERS.**

New page dated March 1, 1910.

MARKET BASKETS.

Nos.	10	16	20	24	26	28
Per dozen	$0 50	55	1 10	1 30	50	90

DINNER BASKETS.

No. 5	per dozen	$0 50

DELIVERY BASKETS.

Nos.	1	2	3	4	5
Per dozen	$3 30	4 20	4 80	5 70	6 60

CLOTHES BASKETS.

Nos.	1	2	3
Per dozen	$5 40	6 00	6 60
Sizes	Small	Medium	Large
Per dozen	$7 80	9 60	10 20

HAMPERS.

Nos.	1001	1002	1003
Per dozen	$25 20	32 40	39 60
No. 1000	per nest		$8 10

MONEY DRAWERS.

No. 1	per dozen	$16 80
No. 6	"	17 40

725 **MEASURES AND BASKETS.**

New pages dated Oct. 1, 1909.

GRAIN BASKETS.

Capacity, bu.	½	1	1½
Per dozen	$1 40	1 55	2 10

WIDE BAND STAVE SIDE HANDLES.

Bushels	1	1½	2
Per dozen	$1 90	2 70	3 90

BRIGGS.

1 bushel	per dozen	$3 60
1½ bushel	"	4 50

RACINE ROCK ELM STAVE.

Bushels	1	1½	2
Per dozen	$2 70	3 50	4 80

DOUBLE ELM SPLINT.

Bushels	2	3	4
Per dozen	$6 60	7 80	9 30

WIRE VEGETABLE BASKETS.

½ bushel	per dozen	$ 6 00
1 bushel	"	10 20

GALVANIZED BASKETS.

Bushels	½	1	1½
Per dozen	$3 90	5 55	7 45

ROPE HANDLES, DOUBLE BOTTOM.

Bushels	1	1½	2
Per dozen	$11 70	12 90	15 30

MEASURES.

Nos.	11	11½	12	20
Per dozen	$1 50	2 00	2 15	1 80
Nos.	22½	23	13	333
Per dozen	$2 50	2 90	3 60	3 80

WOOD IRON BOUND.

Capacity	½ pk.	1 pk.	½ bu.
Per dozen	$1 75	2 40	2 90

726 **TUBS, HOOPS AND MOP WRINGERS.**

New pages dated Oct. 1, 1909.

STANDARD.

Nos.	3	2	1	Ex. large
Per dozen	$6 30	7 50	8 70	11 70

DOWEL.

Nos.	3	2	1	Ex. large
Per dozen	$6 70	7 90	9 00	12 00

CEDAR.

Nos.	3	2	1	Ex. large
Per dozen	$9 45	10 80	12 15	16 20

WRINGER TUB ATTACHMENTS.

No. 10	per dozen pairs	$0 80

GALVANIZED TUBS.

Nos.	0	1	2	3
Per dozen	$4 30	5 10	5 80	6 60

WITH WRINGER ATTACHMENTS.

Nos.	11	22	23
Per dozen	$5 80	6 60	7 35

Page

26 GAUGE IRON, RED BANDED.

Nos.	10S	20S	30S
Per dozen	$7 80	8 70	9 60
Nos.	100S	200S	300S
Per dozen	$8 70	9 60	10 50

MOP WRINGERS.

Nos.	30	3	5	1	0
Per dozen	$15 60	17 70	20 10	20 10	25 20

TUB HOOPS.

No. 10	per box	$1 90

727 **PAILS AND WELL BUCKETS.**

New page dated March 1, 1909.

GALVANIZED PAILS.

Quarts	8	10	12	14
Per dozen	$1 65	1 80	1 90	2 20
No. 1512	per dozen			$3 90
No. 1514	"			4 20
Nos.	1	2	3	4
Per dozen	$3 30	3 60	4 20	4 80
12 quarts	per dozen			$3 00
14 quarts	"			3 30
Nos.	10	12	14	
Per dozen	$3 00	3 30	3 60	
Nos.	512S	514S	102S	122S
Per dozen	$4 20	4 50	4 20	4 50
No. 147	per dozen			$7 20

INDURATED FIBRE PAILS.

Star	per dozen	$3 70
12 quart fire	"	5 10

WELL BUCKETS.

Nos.	1	2	3	4	5
Per dozen	$4 80	6 00	4 90	6 10	12 00

INDURATED FIBRE SPITTOONS.

No. 2	per dozen	$5 70

728 **PAILS, WATER KEGS AND BAGS.**

New page dated March 1, 1909.

No. 8	per dozen	$10 20
No. 9	"	18 00

HARVEST KEGS.

Gals.	1	2	3	4	5	10
Dozen	$4 20	5 70	7 50	erase	12 60	16 80

WOOD PAILS.

Nos.	2	3	13	23	25
Per dozen	$2 30	2 50	3 10	3 80	10 40
Nos.	27	33	53	60	
Per dozen	$13 95	erase	6 45	erase	

730 **WASH BOARDS.**

New pages dated Oct. 1, 1909.

Nos.	1	2	6	10	12
Per dozen	$1 30	2 50	2 90	3 50	3 90
Nos.	14	25	35	26	802
Per dozen	$3 60	3 90	5 40	5 10	3 00
Nos.	430	450	410	420	
Per dozen	$3 60	4 20	3 90	3 90	

731 **REVONOC WASHING MACHINES.**

New pages dated Oct. 1, 1909.

No. 10—Rev-o-noc, F. O. B. Chicago	per dozen	$86 40
No. 9—Hib-Spe-Bar, F. O. B. Chicago	"	86 40

732 **WATER MOTORS, BELTS AND WASHING MACHINES.**

New pages dated Oct. 1, 1909.

WATER MOTORS.

No. 1992	per dozen	$57 60

WATER MOTOR BELTS.

9 ft. endless	each	$0 50

WASHING MACHINES.

F. O. B. Factory.

No. 17—Alternating current	per dozen	$492 00
No. 17—Direct current	"	432 00

F. O. B. Chicago or Ft. Wayne, Ind.

No. 11	per dozen	$75 50

F. O. B. Chicago or Ft. Wayne, Ind.

No. 12	per dozen	$72 00

F. O. B. Chicago or Davenport, Ia.

No. 7	per dozen	$72 00

733 **WASHING MACHINES.**

F. O. B. Chicago or Ft. Wayne, Ind.

New pages dated Oct. 1, 1909.

Nos.	2	3	4
Per dozen	$40 00	42 50	40 00

No. 120, F. O. B. Cincinnati only	"	32 40
No. 15, F. O. B. Chicago	"	28 80
No. 15, F. O. B. Ft. Wayne, Ind.	"	27 00

Boss F. O. B. Chicago.

Nos.	1	2	5
Per dozen	$77 00	87 85	98 65

(Continued on next page.)

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

Boss F. O. B. Cincinnati.

Per dozen $75 60 86 40 97 20

Standard F. O. B. Chicago.

Nos. 1 2
Per dozen $64 80 73 45

Standard F. O. B. Cincinnati.

Nos. 1 2
Per dozen $63 35 72 00

F. O. B. Chicago Only.

No. 17—Advance .....Erase

F. O. B. Honey Creek, Ind., Only.

No. 17—Advance .....Erase

734 **WASHING MACHINE EXTRAS.**

New pages dated Oct. 1, 1909.

REVONOC.

Nos. 7 38 8 10 0
Each $0 48 30 30 24 24
Nos. 17 18 22 19 20
Each $0 36 41 77 36 18
Nos. ..... 29 31 40 Ex. wood hdls.
Each $0 24 14 1 20 12

WESTERN SQUARE AND ROUND.

Nos. 28 80 81 82
Each $0 31 41 36 41

HIB-SPE-BAR.

Nos. 2 3 11 12 14
Each $0 14 36 14 30 12
Nos. 14½ 15 16 18 18½
Each $0 12 12 14 13 13
Nos. 20 21 22 25 26
Each $0 48 90 17 48 1 20
Nos. ..... 27 28 43 44 Ex. hdls
Each $0 17 12 27 36 12

MAGNET AND HORTON.

Nos. 70 A71 A72 A73 74
Each $1 35 1 10 80 31 27
Nos. 75 26 17 28
Each $0 27 31 10 31

O. K. ROTARY.

Nos. 1 3 10 11 12
Each $1 20 24 12 24 31
Nos. 13 213 202 204
Each $0 48 48 90 72

BOSS.

Nos. 1 3 46
Each $0 41 24 90

737 **WRINGERS.**

New page dated March 1, 1910.

Nos. ... S12 M130 M131 M132 D22 D23
Per doz. $30 00 33 00 36 60 40 20 39 60 43 80
Nos. ... D24 G22 G23 B122 B123 G122
Per doz. $48 00 46 20 51 00 43 80 48 00 38 40
Nos. ... G123 S22 S150 S350 S450 W260
Per doz. $55 20 39 60 33 00 36 60 40 20 36 00

738 **WRINGERS.**

New page dated March 1, 1910.

Nos. ... 80 B6 B110 B111 350 351
Per doz. $39 00 40 20 43 80 48 00 43 80 48 00
Nos. ... 310 311 D110 D111 D112 G110
Per doz. $42 90 43 80 42 90 40 20 48 00 45 00
Nos. G111 F4 F6 F8
Per dozen $51 00 69 60 90 00 118 80

738A **GUARANTEED BALL BEARING WRINGERS.**

New page dated October 1, 1908.

Nos. 850 851 820 821
Per dozen $51 50 56 90 45 60 49 80

738B **GUARANTEED BALL BEARING BENCH WRINGERS.**

New page dated October 1, 1908.

Nos. 860 861 830 831
Per dozen $66 60 71 40 60 60 64 20

739 **WRINGERS AND MANGLES.**

New page dated March 1, 1910.

Nos. A110 33 34 35 36 37
Per doz. $48 00 40 80 46 20 54 00 66 00 76 80
Nos. S5 B16 25 324 G3
Per dozen $47 40 54 00 67 20 81 60 275 00

740 **WRINGER ROLLS, CRANKS, CLAMPS, ETC.**

New page dated March 1, 1910.

Rolls.

Nos. 1 2 4 5 07 7
Per doz. $12 00 12 00 12 95 12 95 14 90 14 90
Nos. 08 8 11 15 13 17
Per doz. $16 85 16 85 12 95 12 95 14 90 14 90
Nos. 14 18 21 22 31 33
Per doz. $16 85 16 85 12 95 12 95 14 90 14 90
Nos. 12 16 41 42
Per dozen $12 95 12 95 14 90 14 90
Nos. 51 52 61
Per dozen $16 85 16 85 19 10
Nos. 62 119 120 9
Per dozen $19 10 16 85 16 85 15 20
Nos. 10 125 126
Per dozen $15 20 17 15 17 15

Cranks.

No. 0 .....per dozen $2 15
No. 1 ..... " 3 30

Page

Pressure Screws.

No. 25 .....per dozen $1 20

Clamps.

Nos. 20 21 220 230
Per dozen $2 40 2 40 2 40 3 90

747 **LADDERS.**

New pages dated Oct. 1, 1909.

STANDARD.

Length, ft. 3 4 5 6 7 8
Each $0 28 38 48 56 66 76

STANDARD, WITH SHELF.

Length, ft 4 5 6 7 8
Each $0 50 60 68 78 88

I. X. L. IMPROVED.

Length, ft. 5 6 7 8 10 12
Each $1 00 1 30 1 40 1 60 2 00 2 45

STERLING.

Length, ft. 5 6 7 8 10 12
Each $1 30 1 55 1 80 2 05 2 50 3 00

COMMON AND EXTENSION.

Length, ft. 10 12 14 16 18 20
Each $1 20 1 45 1 70 1 90 2 15 2 40

SECOND EXTENSION.

Length, ft. 20 22 24 26 28
Each $2 90 3 20 3 50 3 80 4 00
Length, ft. 30 32 34 36 38
Each $4 30 4 60 4 90 5 20 5 50
Length, ft..... 40 42 44 46 48
Each $6 00 6 30 6 60 6 90 7 20

THIRD EXTENSION.

Length, ft. 50 52 54 56 58 60
Each $8 40 8 70 9 00 9 30 9 60 9 90

748 **CHAIR SEATS.**

New pages dated Oct. 1, 1909.

No. 10 .....per dozen $0 65
No. 80—Inches 14 15
Per dozen $0 70 80
No. 60—Inches 14 15 16 18
Per dozen $0 70 80 95 1 40

BLACK FIBRE.

No. 130—Inches 12 13 14 15
Per dozen $1 10 1 30 1 50 1 75
No. 120—Inches 12 13 14
Per dozen.....$1 10 1 30 1 50
No. 120—Inches 15 16 18
Per dozen $1 50 1 60 1 90
No. 140—Inches 12 13 14
Per dozen $1 10 1 20 1 30

DARK FIBRE.

No. 230—Inches 12 13 14 15
Per dozen.....$1 10 1 30 1 50 1 75
No. 220—Inches 12 13 14 15
Per dozen.....$1 10 1 30 1 50 1 75
No. 220—Inches 16 18
Per dozen $2 00 2 60
No. 150—Inches 12 13 14
Per dozen.....$1 10 1 30 1 50

748A **O. V. B. CARPET SWEEPERS.**

New page dated March 1, 1910.

Nos. 24 26
Per dozen $31 20 45 60
No. 28—Assortment.....per assortment $9 00

749 **CARPET SWEEPERS AND BEATERS.**

New page dated Oct. 1, 1909.

Nos. 8 10 12 18
Per dozen $24 00 26 40 28 80 32 40
Nos. 19 20 21
Per dozen $34 80 36 00 43 00

SWEEPER BRUSHES.

Nos. 40 and 45.....per dozen $7 80

SWEEPER WHEELS AND TIRES.

No. 46 .....per dozen $1 80
No. 47 ..... " 1 00

CARPET BEATERS.

Nos. 4 12 11 10 45 42 43
Per dozen $1 20 1 20 1 50 1 90 2 70 2 10 3 10

750 **MOPS, FLOOR SCRAPERS AND WINDOW CLEANERS.**

New page dated March 1, 1910

Nos. 0 2 12 16 18 24 56
Per dozen .$0 48 72 2 15 2 70 2 90 3 60 5 10

WRINGER MOPS.

No. 7 .....per dozen $3 60
No. 50 ..... " 1 80

MOP HEADS.

Nos. 19 22 25 32
Per dozen $1 35 1 80 2 25 3 30
Nos. 35 42 45
Per dozen $4 20 2 70 3 30

MOP STICKS.

Nos. 1 2 8 4 10 15
Per dozen.$1 00 1 15 1 35 1 20 2 50 erase

FLOOR SCRAPERS.

Nos. 12 16 140 160
Per dozen.....$1 80 2 20 3 00 3 30

Page

WINDOW CLEANERS.

Nos. 212 214 216
Per dozen.....$2 90 3 20 3 80
Nos. 310 312 314 316
Per dozen $1 90 2 15 2 40 3 00

751 **SCRUB BRUSHES.**

New pages dated Oct. 1, 1909.

Nos. 49 50 52 53 54
Per dozen $0 52 51 80 1 00 1 10
Nos. 55 053 054 055 1
Per dozen $1 45 1 10 1 25 1 60 1 00
Nos. 5 7 65 065 67
Per dozen.....$1 40 1 80 90 1 05 1 30
Nos. ..... 067 70 72 81 Spoke
Per dozen $1 45 48 80 95 1 40

DECK OR JANITOR SCRUB.

Nos. 85 86 103 104 109
Per dozen $2 10 3 60 80 90 1 15
Drake .....per dozen $1 10
Swan ..... " 1 40
Crocodile ..... " 1 60
No. 0 Cruso Assortment...per assortment $2 20

752 **BRUSHES.**

New pages dated Oct. 1, 1909.

MILK CAN.

No. 25 .....per dozen $1 30
Jersey ..... " 3 60
No. 0 Cuspidor ..... " 95

NAIL AND VEGETABLE.

Nos. 90 91 21 92 93
Per dozen.....$0 30 60 65 30 55

SINK AND HEATHER.

Nos. 40 41 10 11 99
Per dozen $0 45 85 65 95 30

WATER CLOSET AND STOVE.

Nos. 0 1 3 335 337
Per dozen $2 60 3 40 4 00 80 1 15
Nos. 341 342 343 344 333
Per dozen $0 95 1 45 1 75 2 35 1 15
No. 334 .....per dozen $1 40
No. 346 ..... " 12 90
No. 331—Polishing ..... " 1 50

753 **BRUSHES.**

New page dated March 1, 1910.

Floor.

Nos. 012 014 016 024 030
Per dozen $5 20 6 05 6 85 16 50 26 40
Nos. 112 114 116 212 214
Per dozen $7 70 9 05 10 15 9 05 10 45
Nos. 216 312 314 316 414 416
Per doz. $12 10 10 15 12 10 14 85 19 50 22 00
Nos. 418 420 614 616 618 620
Per doz. $24 75 26 95 25 85 28 60 31 35 34 10

Car Washers.

No. 250 .....per dozen $17 60
No. 300 ..... " 23 10

Round Window.

No. 40 .....per dozen $4 10
No. 30 ..... " 6 15

Window Brush Poles.

Length, ft. 6 8 10 12
Per dozen $0 80 1 05 1 35 1 55

Oblong Window.

Nos. ... 10 20 22 50 55 60 66
Per doz.$2 20 3 30 4 40 4 90 7 70 10 90 13 75

Spider Window or Cobweb.

No. 1 .....per dozen $4 65

754 **BRUSHES AND DUSTERS.**

New page dated March 1, 1910.

COUNTER BRUSHES.

Nos. 00 0 1 2 3 7
Per doz...$2 75 2 30 2 05 2 40 3 60 2 80
Nos. 8 9 11 12 13 23
Per dozen $2 55 2 85 4 00 5 40 6 85 5 75

RADIATOR BRUSHES.

No. 16 .....per dozen $2 30
No. 17 ..... " 2 30

WOOL WALL DUSTERS.

Nos. 101 102 000 00 0 2 4
Per dozen ..$5 50 6 85 70 1 20 2 00 3 95 4 40

FEATHER DUSTERS.

Nos. 210 214 218 222 010
Per dozen ..$6 05 12 35 27 50 31 25 1 75
Nos. 012 014 12 14 16
Per dozen $2 30 2 85 3 05 3 75 4 85
Nos. 140 160 180 114 116 118
Per doz. $5 20 6 60 7 70 7 15 9 35 10 90

The discounts quoted are based on the lists printed in our catalogue. In a great many instances the goods are sold net and will be so billed.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

Page

755 **BRUSHES.**

New page dated March 1, 1908.

CREAM SEPARATOR BRUSHES.

Nos.	½	1	2	3	4	5	6
Per dozen	$0 75	75	35	35	35	40	40
Nos.	6½	6¾	7	7½	8	9	
Per dozen	$0 35	70	75	75	75	75	
Nos.	10	10½	11½	19	20		
Per dozen	$0 75	75	75	40	40		

No. 24 ..... per dozen $3 15

CREAM SEPARATOR BOWL.

Nos.	12	13	14	15
Per dozen	$1 50	1 80	1 50	3 60
Nos.	16	16½	16¾	
Per dozen	$3 60	2 40	1 20	

GOBLET.

Nos.	C	1	3
Per dozen	$1 20	2 15	2 90

MILK BOTTLE.

No. 36 ..... per dozen $2 40

WATER CLOSET.

Nos. 0, 1 and 3 ..... Erase

756 **SHOE DRESSINGS.**

New page dated March 1, 1908.

Nos.	8	10	20	30	40
Per dozen	$0 95	95	85	85	2 40
Nos.	50	250	350	75	77
Per dozen	$0 90	50	40	85	1 20
Nos.	5	00	1		
Per dozen	$0 35	65	1 20		

No. 65—Wall Shoe Holder.... per dozen $7 20

757 **BRUSH AND WHISK BROOMS.**

New page dated March 1, 1908.

Nos.	702	705	709	711	719	509
Per dozen	$0 80	1 45	2 00	2 35	3 60	2 10

BLACKING SETS.

No. 742	per dozen sets	$3 10
No. 745	" "	6 70

SHOE POLISHERS.

Nos.	501	503	507
Per dozen	$1 95	2 70	4 80

DAUBERS.

Nos.	602	604	608	610
Per dozen	$0 50	60	85	2 15

CLOTH BRUSHES.

Nos.	410	415	420
Per dozen	$1 60	2 40	3 00

WHISK BROOMS.

Nos.	19	11	20	24
Per dozen	$1 20	1 60	2 40	3 00
Nos.	31	32	35	
Per dozen	$2 70	3 30	2 70	

759 **HOUSEHOLD, STREET AND STABLE BROOMS.**

F. O. B. Chicago.

New page dated October 1, 1907.

Nos.	120	122	125	226	222
Per dozen	$4 90	5 10	5 50	6 00	5 80
Nos.	326	328	130	136	144
Per dozen	$6 00	6 55	5 80	6 95	8 00
Nos.	53	54	53		
Per dozen	$5 70	6 00	3 90		

F. O. B. Davenport, Iowa.

In lots of not less than five dozen assorted, to all railroad points in the following States full freight allowed: Pennsylvania, West Virginia, Ohio, Indiana, Michigan, Illinois, Wisconsin, Missouri, Iowa, Minnesota, Nebraska, Tennessee, Indian Territory, N. Dakota, S. Dakota, Kansas, Oklahoma, Texas, N. Carolina, S. Carolina, Alabama and Georgia.

Nos.	120	122	125	226	222
Per dozen	$5 55	5 70	6 15	6 50	6 50
Nos.	328	130	136	144	
Per dozen	$7 10	7 10	7 70	8 30	

In lots of not less than five dozen assorted, full weight allowed to the following States: Montana, Nevada, Oregon, Idaho, Wyoming, Washington, California, Colorado, Utah, Arizona and New Mexico.

Nos.	120	122	125	226	222
Per dozen	$5 15	6 30	6 75	7 10	7 10
Nos.	328	130	136	144	
Per dozen	$7 70	7 70	8 30	8 90	

STREET AND STABLE BROOMS.

Nos.	17	18	14	16	24	26
Per dozen	$8 40	9 00	4 80	5 40	2 80	9 00
Nos.	212	140	160	240	280	
Per dozen	$5 40	6 90	7 50	7 50	8 70	

760 **SNOW SHOVELS.**

New page dated Oct. 1, 1907.

Nos.	3	2	02	1	25
Per dozen	$2 15	2 85	3 05	3 15	4 25
Nos.	30	20	40	15	35	36
Per dozen	$3 80	3 80	3 80	4 35	10 50	erase

Extra handles for No. 36 ..... Erase

SIDEWALK CLEANERS.

No. 2 ..... per dozen $3 75

Page

761 **MEDICINE, TOILET AND SHAVING CASES.**

New pages dated Oct. 1, 1909.

Nos.	608	703	616	665	
Each	$1 30	1 60	2 10	2 60	
Nos.	646	432	431	731	
Each	$2 80	1 10	2 35	2 40	

762 **COMB CASES, MATCH SAFES AND CLOCK SHELVES.**

New page dated Oct. 1, 1909.

No. 434	each $0 24
No. 358	" 65

MATCH SAFES.

No. 436 ..... each $0 18

CLOCK SHELVES.

Nos.	371	615	370	638	368	336
Each	$0 18	40	40	65	65	70
Nos.	403	613	499	538	612	
Each	$0 80	1 25	2 00	2 15	1 50	

763 **CLOCK SHELVES AND PLATE RACKS.**

New page dated Oct. 1, 1909.

Nos.	402	641	509	
Each	$1 30	1 10	1 50	

PLATE RACKS.

Nos.	667	594	564	591	630
Each	$0 70	1 10	3 20	3 25	4 30

803 **CHRYSOLITE ENAMELED WARE.**

New page dated March 1, 1908.

TEA POTS.

Nos.	9	11	12	13	14	15
Per dozen	$5 65	6 55	7 20	8 45	9 40	10 65

Nos. 09, 011, 012, 013, 014, 015 ..... Erase

COFFEE POTS.

Nos.	9½	11½	12½	13½	14½	15½
Per dozen	$5 65	6 55	7 20	8 45	9 40	10 65

Nos. 09½, 011½, 012½, 013½, 014½, 015½ ..... Erase

COFFEE BIGGINS.

Nos.	81	91	101	201	301	401
Per doz.	$6 85	7 50	8 75	10 00	erase	erase

COFFEE BOILERS.

Nos.	60	70	80	90
Per dozen	$10 00	11 25	12 50	15 00
Nos.	600	700	800	900
Per dozen	$10 00	11 25	12 50	15 00

TEA KETTLES.

Nos.	6	7	8	9
Per dozen	$10 95	12 65	14 40	16 90
Nos.	700	800	900	
Per dozen	$12 65	14 40	16 90	

TEA KETTLE STEAMERS.

No. 50 ..... per dozen $3 75

CEREAL COOKERS.

Nos.	16	18	20	22	24
Per dozen	$7 80	9 40	10 95	12 50	14 25

804 **CHRYSOLITE ENAMELED WARE.**

New page dated March 1, 1908.

TEA STEEPERS.

No. 1 ..... per dozen $3 75

"BERLIN" SAUCE PANS.

Nos.	02	03	04	06	08
Per dozen	$4 05	5 00	6 25	7 50	9 40

"BERLIN" KETTLES.

Nos.	02	03	04	06	08
Per dozen	$4 05	5 00	6 25	7 50	9 40
Nos.	010	012			
Per dozen	$12 50	15 65			

COVERS.

Nos.	02	03	04	06	08	010	012
Per dozen	$1 55	1 85	2 20	2 50	2 80	3 45	4 05

"BERLIN" SAUCE POTS.

Nos.	02	03	04	06		
Per dozen	$4 05	5 00	6 25	7 50		
Nos.	08	010	012			
Per dozen	$0 40	12 50	15 65			

STOVE KETTLES.

Nos.	440	470
Per dozen	$6 55	7 80

STRAIGHT SAUCE PANS.

Nos.	100	200	300	400	600
Per dozen	$4 05	4 70	5 65	6 55	7 80

COVERS.

Nos.	100	200	300	400	600
Per dozen	$1 25	1 55	1 85	2 20	2 50

PRESERVING KETTLES.

Nos.	140	160	180	200	220	240
Per dozen	$2 20	2 50	3 15	3 75	4 40	5 00
Nos.	260	280	300	320	340	360
Per dozen	$5 65	6 55	7 80	9 40	10 65	11 25

Page

STRONG LIPPED SAUCE PANS.

Nos.	14	16	18	20
Per dozen	$2 20	2 50	3 15	3 75
Nos.	22	24	26	28
Per dozen	$4 40	5 00	5 65	6 55

FRY PANS.

Nos.	1	2	3	4	5	6
Per dozen	$2 70	3 00	3 30	3 90	4 50	5 10

805 **CHRYSOLITE ENAMELED WARE.**

New page dated March 1, 1908.

SAUCE OR STOCK POTS.

Nos.	10	12	16	20	24
Per dozen	$7 50	8 75	12 50	15 30	18 15

MILK PANS.

Nos.	½	1	1½	2	3	3½
Per dozen	$1 40	1 55	1 85	2 20	2 50	2 80
Nos.	4	5	6	8	10	
Per dozen	$3 15	3 45	3 75	4 20	5 00	

PUDDING PANS.

Nos.	16	17	18	19
Per dozen	$1 85	2 20	2 50	2 80
Nos.	20	21	22	23
Per dozen	$3 15	3 45	4 05	4 70

DISH PANS.

Quarts	10	14	17	21	30
Per dozen	$7 80	9 40	10 95	12 50	18 75

MIXING BOWLS.

Nos.	12	16	20	24
Per dozen	$1 85	2 50	3 15	4 05

ENG. MIXING BOWLS.

Nos.	24	28	32	36
Per dozen	$4 05	5 00	6 25	7 50

BAKE PANS.

Nos.	18	19	20	21	22
Per dozen	$2 80	3 15	3 45	erase	erase

OBLONG BAKE DISHES.

Sizes, in.	8x10	8x14	8x17	10x15
Per dozen	$3 15	4 05	4 55	4 85

DIPPERS.

Nos.	110	111	112	113	410
Per dozen	$1 70	2 05	2 35	2 80	2 50
Nos.	412	414	12	14	55
Per dozen	$3 15	3 75	4 05	4 55	3 15

806 **CHRYSOLITE ENAMELED WARE.**

New page dated March 1, 1908.

LADLES.

Nos.	10	11	12
Per dozen	$1 50	1 65	1 75

SKIMMERS.

Nos.	10	11	12
Per dozen	$1 25	1 40	1 50

BASTING SPOONS.

Nos.	10	12	14	16	18
Per dozen	$1 10	1 25	1 55	1 85	2 20

MINERS' CUPS.

Nos.	100	200
Per dozen	$2 95	4 05

CHILDREN'S MUGS.

Nos.	3	5	18
Per dozen	$1 55	1 85	3 15

DRINKING CUPS.

Nos.	8	9	18	11	0
Per dozen	$1 10	1 25	1 40	1 55	1 10

CUPS AND SAUCERS.

Nos.	0½	1½	01½
Per dozen	$1 25	1 25	2 50

DINNER PLATES.

No. 109 ..... per dozen $2 65

SOUP PLATES.

No. 35 ..... per dozen $2 65

SOUP BOWLS.

No. 125 ..... per dozen $1 70

MOUNTAIN CAKE PANS.

Nos.	9	10
Per dozen	$2 20	2 50

JELLY CAKE PANS.

Nos.	9	10	09	010
Per dozen	$1 70	1 85	1 85	2 20

PIE PLATES.

Nos.	9	10	09	010
Per dozen	$1 40	1 70	1 55	1 85

MOLASSES PITCHERS.

No. 1 ..... per dozen $5 65

MILK KETTLES.

Nos.	71	72	73	74
Per dozen	$3 75	5 00	6 25	7 50

We guarantee lowest ruling prices.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

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CHRYSOLITE ENAMELED WARE.

New page dated March 1, 1908.

DINNER PAILS.

Nos.	45	40
Per dozen	$11 25	17 50

COVERED BUCKETS.

Nos.	100	150	200	300	400	600	800
Per dozen	$3 30	erase	3 90	4 85	6 10	6 55	8 75

WATER PAILS.

Nos.	208	210	212	214
Per dozen	$7 95	9 40	11 25	13 15

CHAMBER PAILS.

No. 2 ..... per dozen $18 15

WATER PITCHERS.

Nos.	20	30	40
Per dozen	$6 85	8 25	9 40

BOWLS AND PITCHERS.

No. 17 ..... per dozen $15 00

WASH BASINS.

Nos.	24	26	28	30	32	34	36
Per dozen	$2 20	2 50	2 80	3 45	4 05	4 70	5 30

SPITTOONS.

Nos.	20	30
Per dozen	$6 25	8 25

CUSPIDORS.

Nos.	4	5
Per dozen	$6 25	6 85

SOAP DISHES.

No. 60 ..... per dozen $2 50

CHAMBERS AND COVERS.

Nos.	1½	2	01½	02
Per dozen	$5 95	7 20	2 20	2 80

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"NU-BLU" ENAMELED WARE.

New page dated March 1, 1908.

TEA POTS.

Nos.	9	11	12	13	14	15
Per dozen	$5 65	6 55	7 20	8 45	9 40	Erase

COFFEE POTS.

Nos.	9½	11½	12½	13½	14½	15½
Per dozen	$5 65	6 55	7 20	8 45	9 40	10 65

COFFEE BIGGINS.

Nos.	81	91	101	201	301	401
Per doz.	$6 85	7 50	8 75	10 00	10 65	erase

COFFEE BOILERS.

Nos.	60	70	80	90
Per dozen	$10 00	11 25	12 50	15 00

TEA KETTLES.

Nos.	6	7	8	9
Per dozen	$10 95	12 65	14 40	16 90

TEA KETTLE STEAMERS.

No. 50 ..... per dozen $3 75

"BERLIN" SAUCE POTS.

Nos.	02	03	04	06	08
Per dozen	$4 05	5 00	6 25	7 50	9 40

"BERLIN" KETTLES.

Nos.	02	03	04	06	08	010	012
Per doz.	$4 05	5 00	6 25	7 50	9 40	12 50	15 65

COVERS.

Nos.	02	03	04	06	08	010	012
Per doz.	$1 55	1 85	2 20	2 50	2 80	3 45	4 05

"BERLIN" SAUCE PANS.

Nos.	02	03	04	06	08
Per dozen	$4 05	5 00	erase	erase	erase

TEA STEEPERS.

No. 1 ..... per dozen $3 75

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"NU-BLU" ENAMELED WARE.

New page dated March 1, 1908.

PRESERVING KETTLES.

Nos.	140	160	180	200	220	240
Per dozen	$2 20	2 50	3 15	3 75	4 40	5 00
Nos.	260	280	300	320	340	360
Per doz.	$5 65	6 55	7 80	9 40	10 65	11 25

STRONG LIPPED SAUCE PANS.

Nos.	14	16	18	20
Per dozen	$2 20	2 50	3 15	3 75
Nos.	22	24	26	28
Per dozen	$4 40	5 00	5 65	6 55

STOVE KETTLES.

No. 440	per dozen	$6 55
No. 470	"	7 80

The aim of this book is to give our customers an idea of the actual values that they may take orders for goods not carried in stock.

Page

STRAIGHT SAUCE PANS.

Nos.	100	200	300	400	600
Per dozen	$4 05	4 70	5 65	6 55	7 80

COVERS.

Nos.	100	200	300	400	600
Per dozen	$1 25	1 55	1 85	2 20	2 50

CEREAL COOKERS.

Nos.	16	18	20	22	24
Per dozen	$7 80	9 40	10 95	12 50	14 25

FRY PANS.

Nos.	1	2	3	4	5	6
Per dozen	$2 80	3 15	3 45	4 05	4 70	5 30

BAKE PANS.

Nos.	18	19	20	21	22
Per dozen	erase	erase	erase	4 05	4 40

OBLONG BAKE DISHES.

Sizes, In.	8x10	8x14	8x17	10x15
Per dozen	$3 15	4 05	4 55	4 85

DISH PANS.

Quarts	10	14	17	21	30
Per dozen	$7 80	9 40	10 95	12 50	18 75

811 **"NU-BLU" ENAMELED WARE.**

New page dated March 1, 1908.

DRINKING CUPS.

Nos.	8	9	10	11	0
Per dozen	$1 10	1 25	1 40	1 55	1 10

CHILDREN'S MUGS.

Nos.	3	5	18
Per dozen	$1 55	1 85	3 15

MINERS' CUPS.

No. 100	per dozen	$2 95
No. 200	"	4 05

CUPS AND SAUCERS.

Nos.	0½	1½	01½
Per dozen	$1 25	1 25	2 50

PIE PLATES.

Nos.	9	10	09	010
Per dozen	$1 40	1 70	1 55	1 85

JELLY CAKE PANS.

Nos.	9	10	09	010
Per dozen	$1 70	1 85	1 85	2 20

MOUNTAIN CAKE PANS.

No. 9	per dozen	$2 20
No. 10	"	2 50

DINNER PLATES.

No. 109 ..... per dozen $2 05

SOUP PLATES.

No. 35 ..... per dozen $2 65

SOUP BOWLS.

No. 125 ..... per dozen $1 70

MOLASSES PITCHERS.

No. 1 ..... per dozen $5 65

MILK KETTLES.

Nos.	71	72	73	74
Per dozen	$3 75	5 00	6 25	7 50

COVERED BUCKETS.

Nos.	100	200	300	400	600	800
Per dozen	$3 30	3 90	4 85	6 10	6 55	8 75

812 **"NU-BLU" ENAMELED WARE.**

New page dated March 1, 1908.

MILK PANS.

Nos.	½	1	1½	2	3
Per dozen	$1 40	1 55	1 85	2 20	2 50
Nos.	4	5	6	8	10
Per dozen	$3 15	3 45	3 75	4 20	5 00

PUDDING PANS.

Nos.	16	17	18	19	20	21	22
Per dozen	$1 85	2 20	2 50	2 80	3 15	3 45	4 05

MIXING BOWLS.

Nos.	12	16	20	24
Per dozen	$1 85	2 50	3 15	4 05

ENG. MIXING BOWLS.

Nos.	24	28	32	36
Per dozen	$4 05	5 00	6 25	7 50

DIPPERS.

Nos.	110	111	112	113	410	412
Per dozen	$1 75	2 05	2 35	2 80	2 50	3 15
Nos.	414		12	14	55	
Per dozen	$3 75	erase	erase	3 15		

SKIMMERS.

Nos.	10	11	12
Per dozen	$1 25	1 40	1 50

Page

LADLES.

Nos.	10	11	12
Per dozen	$1 50	1 65	1 75

BASTING SPOONS.

Nos.	10	12	14	16	18
Per dozen	$1 10	1 25	1 55	1 85	2 20

813 **"NU-BLU" ENAMELED WARE.**

New page dated March 1, 1908.

DINNER PAILS.

No. 45	per dozen	$11 25
No. 40		17 50

WATER PAILS.

Nos.	208	210	212	214
Per dozen	$7 65	9 00	10 80	12 50

CHAMBER PAILS

No. 2 ..... per dozen $18 15

WATER PITCHERS.

Nos.	20	30	40
Per dozen	$6 85	8 25	9 40

BOWLS AND PITCHERS.

No. 17 ..... per dozen $15 00

WASH BASINS.

Nos.	24	26	28	30	32	36
Per dozen	$2 20	2 50	2 80	3 45	4 05	5 30

SPITTOONS.

No. 20	per dozen	$6 25
No. 30	"	8 25

CUSPIDORS.

No. 4	per dozen	$6 25
No. 5	"	6 85

SOAP DISHES.

No. 60 ..... per dozen $2 50.

CHAMBERS AND COVERS.

Nos.	1½	2	01½	02
Per dozen	$5 95	7 20	2 20	2 80

814 **REV-O-NOC ENAMELED WARE.**

New page dated March 1, 1908.

Erase entire page.

815 **REV-O-NOC ENAMELED WARE.**

New page dated Oct. 1, 1909.

TEA POTS.

Nos.	011	012	013	014
Per dozen	$4 10	4 55	5 05	5 50
Nos.	1	2	3	4
Per dozen	$4 55	5 05	5 50	6 00
No. 12	per dozen			$6 00
No. 13	"			6 70

COFFEE POTS.

Nos.	011½	012½	013½	014½	015½
Per dozen	$3 85	4 30	4 80	5 30	6 00
Nos.	1½	2½	3½	4½	
Per dozen	$4 30	4 80	5 30	5 75	
No. 12½	per dozen				$5 75
No. 13½	"				6 50

COFFEE BIGGINS.

Nos.	0½	00	010	020	030
Per dozen	$3 85	4 30	5 05	5 75	6 70

COFFEE BOILERS.

Nos.	70	80	90
Per dozen	$7 20	8 70	11 10

TEA KETTLES.

Nos.	6	7	8	9
Per dozen	$6 50	7 20	8 40	10 10

BERLIN SAUCE PANS.

Nos.	03	04	06	08
Per dozen	$3 35	4 10	5 05	5 75

BERLIN KETTLES.

Nos.	03	04	06	08	010
Per dozen	$3 35	4 10	5 05	5 75	7 20

CONVEX SAUCE POTS.

Nos.	06	08	010
Per dozen	$5 05	5 75	7 20

STRAIGHT SAUCE PANS.

Nos.	120	130	140
Per dozen	$2 65	3 10	3 85

CEREAL COOKERS.

Nos.	020	030	040
Per dozen	$4 90	6 60	7 90

These figures are higher than actual values at date of issue, being increased to cover possible market changes.

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REVONOC ENAMELED WARE.

New page dated Oct. 1, 1909.

LIPPED PRESERVING KETTLES.

Nos.	200	220	240	250	260
Per dozen	$2 50	2 90	3 25	3 50	3 60
Nos.		280	300	320	360
Per dozen		$4 30	5 30	6 25	7 68

LIPPED SAUCE PANS.

Nos.	12	14	16	18	20
Per dozen	$1 55	1 70	1 90	2 15	2 50
Nos.		22	24	25	26
Per dozen		$2 90	2 25	3 50	3 60

SEAMLESS POTS FOR FIRELESS COOKERS.

Nos.	40	60	100	120
Per dozen	$7 20	8 65	10 80	12 60

STOCK POTS.

Nos.		10	12	14
Per dozen		$6 85	7 70	8 65
Nos.	028	030	032	
Per dozen	$11 50	12 95	14 40	

DUCHESS KETTLES.

Nos.	40	50	60	70	100
Per dozen	$4 10	4 80	5 30	6 25	7 90

COMBINATION COOKERS AND STEAMERS.

No. 1 .....per dozen $11 50

COMBINATION ROASTERS AND BAKERS.

No. 6.....per dozen $6 50

ROASTERS.

No. 60 .....per dozen $10 80

BREAD RAISERS.

No. 310 .....per dozen $8 15
No. 314 ..... " 9 60

DISH PANS.

Nos.	510	514	517	521
Per dozen	$5 30	6 25	7 20	8 65

RINSING PANS.

14 qt. .....per dozen $5 75

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REVONOC ENAMELED WARE.

New page dated Oct. 1, 1909.

MILK PANS.

Nos.	31	32	33	34
Per dozen	$1 20	1 45	1 70	2 15
Nos.		36	38	310
Per dozen		$2 65	3 10	3 60

PUDDING PANS.

Nos.	16	17	18	19
Per dozen	$1 45	1 55	1 80	1 90
Nos.	20	21	22	
Per dozen	$2 15	2 40	2 90	

COLANDERS.

No. 1306 .....per dozen $3 60

SINK STRAINERS.

8x3 in. .....per dozen $2 70

MIXING BOWLS.

Nos.	16	20	24
Per dozen	$1 70	2 15	2 90

FLARING WATER PAILS.

Nos.	211	213	110
Per dozen	$6 70	7 70	6 25

STRAIGHT COVERED BUCKETS.

Nos.	200	300	400	600
Per dozen	$2 65	3 10	3 85	4 80

DINNER BUCKETS.

No.	140	14	25	45
Per dozen	$7 20	7 20	12 25	7 80

MILK KETTLES.

Quarts	1	2
Per dozen	$2 90	3 60

Remember that these prices are only approximate and are higher than those ruling at the date of issue.

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REVONOC ENAMELED WARE.

New page dated Oct. 1, 1909.

DRINKING CUPS.

Nos.	9	10	5
Per dozen	$0 95	1 10	1 10

FLARING DIPPERS.

No. 110 .....per dozen $1 45
No. 112 ..... " 1 70

WINDSOR DIPPERS.

Nos.	400	410	412	414
Per dozen	$1 70	1 92	2 15	2 40

SOUP LADLES.

No. 38.....per dozen $1 20

BASTING SPOONS.

Length 12 in.....per dozen $0 80
Length 14 in..... " 95

SAUCERS.

No. 1½ .....per dozen $0 95

DINNER PLATES.

No. 109 .....per dozen $1 45

PIE PLATES.

Nos.	9	10	09	010
Per dozen	$1 20	1 45	1 30	1 55

JELLY CAKE PANS.

9 in. .....per dozen $1 45
10 in. ..... " 1 70

WALL SOAP DISHES.

No. 030 .....per dozen $1 20
No. 60 ..... " 1 45

WATER PITCHERS.

Nos.	10	20	30	40
Per dozen	$3 60	4 55	5 75	7 20

WASH BASINS.

Nos.	26	28	30	32
Per dozen	$1 90	2 15	2 40	2 90

PITCHERS AND BOWLS.

No. 17.....per dozen $10 10

CHAMBERS.

No. 1½.....per dozen $3 60
No. 2 ..... " 4 30

COVERS.

No. 01½ .....per dozen $1 70
No. 02 ..... " 1 90

CHAMBER PAILS.

No. 2 .....per dozen $11 50

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GRAY ENAMELED WARE.

New page dated Oct. 1, 1909.

TEA KETTLES.

Nos.	3	4	5	6	7	8	9
Per doz.	$4 10	4 50	4 80	5 20	5 80	6 60	8 00

TEA STEEPERS.

No. 1 .....per dozen $2 15
No. 2 ..... " 2 35

STRAIGHT SAUCE POTS.

Nos.	018	020	022	024
Per dozen	$3 40	4 30	5 10	5 90
Nos.	026	028	030	032
Per dozen	$7 00	9 40	11 10	12 30

LIPPED SAUCE PANS.

Nos.	12	14	16	18	20
Per dozen	$1 15	1 20	1 30	1 55	1 90
Nos.	22	24	26	28	30
Per dozen	$2 05	2 40	2 75	3 35	3 90

LIPPED PRESERVING KETTLES.

Nos.	160	180	200	220
Per dozen	$1 30	1 55	1 90	2 05
Nos.	240	260	280	300
Per dozen	$2 40	2 75	3 15	3 90
Nos.		320	360	400
Per dozen		$4 50	6 00	9 00

MILK PANS.

Nos.	30½	31	31½	32	33
Per dozen	$0 70	85	95	1 10	1 20
Nos.	34		36	38	310
Per dozen	$1 40		1 80	2 40	2 90

DEEP PUDDING PANS.

Nos.	16	17	18	19	20	21	22
Per dozen	$0 95	1 00	1 20	1 30	1 55	1 80	2 00

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GRAY ENAMELED WARE.

New page dated Oct. 1, 1909.

DISH PANS.

Nos.	510	514	517	521
Per dozen	$3 70	4 30	4 80	6 60

STOVE PANS.

Nos.	13	14	15	16	17
Per dozen	$3 55	4 20	4 30	4 90	5 15

BREAD PANS.

No. 1 .....per dozen $1 70
No. 2 ..... " 1 70
No. 3 ..... " 2 35

PIE PLATES.

9 in. .....per dozen $0 90
10 in. ..... " 1 00

DRINKING CUPS.

No. 10 .....per dozen $0 85
Change No. 9 to read No. 10.

SOUP LADLES.

No. 38 .....per dozen $0 90

FRUIT FUNNELS.

No. 203 .....per dozen $1 70

PIECED FUNNELS.

Nos.	02	03	04	05	06
Per dozen	$1 50	1 70	1 95	2 60	3 25

MEASURES.

Nos.	01	02	03	04	05	06	10
Per dozen	$1 30	1 50	1 95	2 60	3 45	4 95	2 60

COFFEE FLASKS.

No. 1 .....per dozen $2 50

COFFEE BIGGINS.

Nos.	0½	00	010	020	030
Per dozen	$3 25	3 70	4 30	4 90	5 75

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GRAY ENAMELED WARE.

New page dated Oct. 1, 1909.

DINNER PAILS.

Nos.	030	040	10	11	12
Per dozen	$5 55	6 15	8 40	9 00	9 70

COVERED BUCKETS.

Nos.	100	200	300	400
Per dozen	$1 70	1 90	2 30	3 10

WATER PAILS.

Nos.	110	112	114
Per dozen	$4 50	5 40	6 60

CULLENDERS.

No. 1 .....per dozen $2 40
No. 2 ..... " 2 70

FOOT TUBS.

No. 2 .....per dozen $8 65

WASH BOWLS.

Nos.	26	28	30	32	34
Per dozen	$1 20	1 30	1 55	1 80	2 40

CUSPIDORS.

No. 1 .....per dozen $2 15
No. 8 ..... " 3 25

CHAMBER PAILS.

No. 10 .....per dozen $7 00
No. 20 ..... " 8 20

BED OR DOUCHE PANS.

No. 2 .....per dozen $10 35
No. 1 ..... " 14 10

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WHITE ENAMELED WARE.

New page dated Oct. 1, 1909.

TEA POTS.

No. 220—Sizes	10	12	14	16
Per dozen	$5 10	5 90	7 00	8 40

BOWLS AND JUGS.

Nos.	235-10	235-12	241
Per dozen	$4 75	5 10	3 70

DISH PANS.

No. 406—Sizes	42	46	50
Per dozen	$9 90	11 40	13 20

Erase Nos. 514, 517 and 521.

KETTLES.

Erase No. 46 from this page.

(Continued on next page)

The figures printed in this book have been increased to cover possible advances. We guarantee lowest market prices.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

SAUCE PANS.
Erase No. 45 from this page.

MOLASSES PITCHERS.
No. 1 .....per dozen $6 00

MILK PANS.
Erase all Nos. from this page.

PUDDING PANS.
Erase all Nos. from this page.

821 **WHITE ENAMELED WARE.**
New page dated March 1, 1908.

BOWLS.

Sizes	24	26	28	30
No. 363.....per dozen	$2 80	3 10	3 55	3 95
Sizes	32	34	36	
No. 363 .....per dozen	$4 70	5 20	5 60	
Sizes	12	14	16	
No. 350 .....per dozen	$1 20	1 65	1 75	
Sizes	18	20	22	
No. 350 .....per dozen	$2 10	2 60	3 40	

SOUP BOWLS AND CULLENDERS.

Nos. 351-12	351-14	124-22	124-34
Per dozen $1 40	1 70	erase	erase

PIE PLATES.
Nos. 9 and 10 .....erase

SOUP PLATES.

Sizes	22	24	26
Per dozen	$1 20	1 40	1 70

DINNER PLATES.
No. 109.....per dozen $1 85

MEAT PLATTERS.

Sizes	26	30	32
No. 345 .....per dozen	$2 45	3 20	erase
Sizes	35	38	40
No. 345 .....per dozen	$3 95	erase	4 90

OBLONG DISHES.

Sizes	20	22	24	26	28
No. 337—Dozen	$1 75	2 00	2 05	2 50	2 60

CUPS AND SAUCERS.
No. 01½ .....per dozen $2 80

Sizes	11	12	13	14	15
No. 256..per dozen	Erase	erase	95	1 05	1 15
Sizes	8	9	10	11	
No. 254 ....per dozen	1 25	1 40	1 55	erase	

Erase No. 252.

MUGS.

Nos.	100	0	3	5	18
Per dozen	$3 10	1 25	1 75	2 05	3 45

822 **WHITE ENAMELED WARE.**
New page dated March 1, 1908.

DIPPERS AND LADLES.

Nos.	10	12	14	55	155
Per dozen.....	Erase	erase	erase	3 25	2 40

WATER PAILS.

Sizes	24	26	28	30
No. 412....per dozen	$7 80	8 75	10 10	11 75

PITCHERS.

Sizes	13	15	17	20
No. 385....per dozen	$5 80	7 05	8 40	12 50

WASH BOWLS.

Nos.	24	26	28	30	32	34	36
Per dozen.	erase	erase	2 50	3 15	3 40	3 90	4 40

SOAP DISHES.

No. 370 .....per dozen	Erase
No. 374 ..... "	2 30

CUSPIDORS.

Nos.	4	5	20
Per dozen	$6 55	7 35	Erase

CHAMBERS AND COVERS.

Sizes	18	20	22	24
No. 393 .....per dozen	$3 10	3 45	4 25	5 00
No. 429 ..... "	1 80	2 00	2 10	2 35

CHAMBER PAILS.
No. 2 .....per dozen $19 40

The aim of this book is to give our customers an idea of the actual values that they may take orders for goods not carried in stock.

Page

825 **NICKEL PLATED WARE.**
New page dated Oct. 1, 1907.

Tea Kettles.

Nos.	4780	4790	178	179	028	029
Doz.	$9 00	10 10	10 50	11 40	11 40	12 60
Nos.			250	260	270	280
Per dozen			$8 70	9 40	10 50	11 40
Nos.				290	188	189
Per dozen				$12 60	15 90	17 40
Nos. ...	0337	0338	0339	12	20	30
Dozen	$21 60	24 70	26 00	3 90	5 70	6 90
Nos.	40	56	57	58	376	200	300
Dz.	$8 20	8 10	9 00	9 90	7 20	8 40	9 30

Tea Kettle Insert Pails.
No. 70 .....per dozen $4 20

826 **NICKEL PLATED WARE.**
New page dated Oct. 1, 1907.

Tea Kettles.

Nos.	111	201	202	104	1040	1048
Per dozen	$2 10	2 35	2 70	3 85	4 50	4 15
Nos.	106	1060	1065	101	3022	1214
Per dozen	$5 00	5 65	5 65	6 60	6 30	7 20

827 **NICKEL PLATED WARE.**
New page dated March 1, 1909.

COFFEE AND TEA POTS.

Nos.	153	154	155	156	158
Per dozen $7 00	7 85	8 45	9 30	10 80	
Nos.	142	143	144	145	146
Per dozen $6 45	7 00	7 85	8 45	9 30	
Nos.	1253	1254	1255	1256	1258
Per dozen....$8 30	9 00	9 60	10 60	13 25	
Nos.	1201	1202	1203	1204	1205
Per dozen $7 60	7 85	8 15	9 00	9 60	
Nos.	634	534	953	954	955	956
Per dozen	$2 15	2 15	12 60	13 75	15 40	16 50
Nos.	901	902	903	904	7963	7964
Per doz.	$10 75	11 45	12 60	13 75	23 10	25 00
Nos.	7965	7952	7953	7954	2652	
Per dozen	$26 95	21 20	23 10	25 00	11 80	
Nos.	2653	2654	2655	2656	2602	
Per dozen	$12 35	12 95	13 75	14 30	11 80	
Nos.	2803	2604	2605	2251	2252	
Per dozen	$12 35	12 95	13 75	13 75	14 30	
Nos.	2253	2254	2255	2201	2202	
Per dozen	$15 10	17 15	19 00	13 75	14 30	
Nos.			2203	2204	2205	
Per dozen			$15 10	17 15	19 00	

828 **UNIVERSAL PERCOLATORS.**
New page dated March 1, 1909.

Nos.	776	779	2776	2779	3776
Each $4 95	5 75	4 95	5 75	7 15	
Nos.	3779	786	789	2786	2789
Each $8 25	5 75	6 30	5 75	6 30	
Nos.	3786	3789	556	559	3556
Each $7 70	8 80	6 05	6 60	8 25	
Nos.	3559	74	76	79	714
Each $9 35	2 75	3 30	3 75	4 10	
Nos.		64	66	69	614
Each		$2 85	3 30	3 75	4 15
Nos.		1104	1106	1109	1114
Each		$2 20	2 60	2 95	3 40

No. 5D—Alcohol Stoves.....per dozen $26 40
Extra glass tops for Percolators..per dozen $0 50

828A **TEA BALL TEAPOTS, SAMOVARS AND PERCOLATORS.**
New page dated March 1, 1910.

TEA BALL POTS.

Nos.	206	306	106
Each $2 75	4 40	4 40	

SAMOVARS.
No. 606 .....each $7 70

COFFEE PERCOLATORS.

Cups	5	8	12
Each $1 65	2 00	2 60	

Extra glass tops .....per dozen $0 80

829 **UNIVERSAL COFFEE MACHINES.**
New page dated March 1, 1909.

Nos.	3004	3006	3009	3104
Each $6 00	6 90	7 75	6 00	
Nos.	3106	3109	3206	3209
Each $6 90	7 75	9 05	10 35	
Nos.	2060	2090	2061	2091
Each $8 20	9 05	8 20	9 05	
Nos.	2062	2092	4060	4090
Each $10 35	11 65	9 20	9 90	
Nos.	4061	4091	4062	4092
Each $9 20	9 90	11 20	12 50	
Nos.	5061	5091	5062	5092
Each $10 75	11 65	12 95	14 20	

830 **NICKEL PLATED WARE.**
New page dated March 1, 1909.

PITCHERS.

Nos.	5	50	1502	1504
Per dozen $2 25	2 75	9 75	12 05	

MUGS.
No. 81 .....per dozen $0 90

DIPPERS.

Nos.	31	32	33
Per dozen $3 75	4 60	5 15	

Page

LIQUOR MIXERS.

Nos.	4	5	6
Per dozen $3 00	7 75	12 05	

TEA OR COFFEE STRAINERS.

Nos.	85	535
Per dozen $0 85	2 60	

SALT, PEPPER AND DREDGE BOXES.
No. 7 .....per dozen pairs $0 90
No. 5 .....per dozen $1 10

831 **NICKEL PLATED WARE.**
New page dated Oct. 1, 1909.

CHAFING DISHES.

Nos.	1008	1010	452	4530	1020
Each $3 05	3 50	3 30	3 85	4 80	
Nos.	518	1518	519	175	1000
Each $5 50	5 75	6 20	5 20	6 30	
Nos. 400C	400N	600C	600N	800C	
Each $8 80	8 80	8 80	8 80	8 80	
Nos. 800N	900C	900N			
Each $8 80	10 80	10 80			
Nos. 0402C	0402N	04025			
Each $11 30	11 30	14 60			

832 **NICKEL PLATED WARE.**
New page dated Oct. 1, 1909.

CHAFING DISHES.

Nos.	297	2975	2976
Each $7 70	8 00	8 50	

CHAFING DISH SETS.
No. 5183 .....each $8 80

CHAFING DISH GRATES.
No. 1 .....per dozen $5 20

ALCOHOL FLAGONS.

No. 52 .....each	$1 75
No. 62 ..... "	2 15

CUTLET DISHES.

No. 18 .....each	$1 40
No. 21 ..... "	3 00

TOASTERS.
No. 900 .....each $2 05

CHAFING DISH FORKS AND SPOONS.

Nos.	317	318	117	118	217	218
Each $0 90	90	90	90	1 40	1 40	

SOUP LADLES.

No. 70 .....per dozen	$2 40
No. 80 ..... "	6 90

833 **NICKEL PLATED WARE.**
New page dated March 1, 1909.

BAKING DISHES.

Nos.	23	30	40	10
Each $0 90	1 50	1 90	2 55	
Nos.		20	204	214
Each		$3 35	3 55	4 00

TRAYS.

Nos.	312	313	314	412
Per dozen $2 10	2 30	2 75	2 30	
Nos.	413	414	2	1
Per dozen $2 60	2 90	1 45	5 60	

834 **NICKEL PLATED WARE.**
New page dated March 1, 1909.

Tea Trays.

Nos.	614	914	3040	3042	3044	3010
Per dozen	$3 80	4 60	8 30	10 35	13 20	17 25
Nos.	3012	3014	3024	3034	3544	3514
Dz.	$23 00	28 75	21 75	29 00	19 55	34 50

Crumb Trays.

Nos.	400	401	118	114	116
Dozen sets....$11 50	Erase	1 90	2 85	4 30	

841 **HOTEL WARE.**
New page dated March 1, 1908.

HOT WATER AND COFFEE URNS.

Nos.	2302	2303	2202	2203
Each $5 95	6 60	21 20	24 20	
Nos.	2204	2205	2206	2208
Each $27 25	30 25	33 05	36 30	
Nos.	2210	2212	2215	2218	2220
Each $39 50	39 60	46 85	51 45	54 45	

COFFEE URNS.

Nos.	2102	2103	2104	2105	2106	2108
Each	$7 15	8 25	9 65	10 75	11 80	13 20
Nos.	2110	2002	2003	2004	2005	
Each $14 30	21 20	24 20	27 25	30 25		
Nos.	2006	2008	2010	2012	2015	
Each $33 25	36 30	39 35	42 35	44 55		
Nos.				2018	2020	
Each				$51 45	54 45	

HOTEL LIGHTNING BURNERS.

No. 91 .....each	$1 54
No. 92 ..... "	2 60

HOTEL SOLID LADLES.

Nos.	100	200	300	400
Per dozen $2 55	3 15	4 85	5 60	

(Continued on Next Page.)

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

Page

HOTEL PIERCED LADLES.

Nos.	101	201	301	401
Per dozen	$3 20	3 60	4 85	5 95

HOTEL FLAT SKIMMERS.

No. 150	per dozen	$2 60
No. 180	"	3 05

HOTEL CAKE TURNERS.

No. 160 ..... per dozen $2 50

HOTEL FLESH FORKS.

No. 200	per dozen	$4 40
No. 240	"	5 28

842 **WROUGHT STEEL HOTEL WARE.**

New page dated March 1, 1908.

Nos.	45	48	55	135	140	145
Per doz.	$8 00	9 35	17 05	6 35	8 00	9 65
Nos.	148	150	155	165	175	185
Per doz.	$12 10	15 12	19 25	24 30	32 45	40 15
Nos.	248	250	255	265	275	285
Per doz.	$15 40	17 60	22 00	28 60	36 30	42 90
Nos.	335	340	345	348	350	355
Per dozen	$2 05	2 30	2 85	3 45	4 65	6 30
Nos.	365	375	385	835	840	845
Per doz.	$7 45	9 10	10 45	1 75	2 10	2 30
Nos.	848	850	855	865	875	885
Per dozen	$2 60	3 45	4 45	5 50	6 60	7 45
Nos.	110	114	217	321	60	70
Per dozen	$8 00	9 65	12 65	14 85	10 73	12 10
Nos.	75	80	90	12	18	24
Per doz.	$14 85	18 15	22 55	17 85	22 00	28 60
Nos.	36	112	118	124	136	8½
Per dozen	$36 30	42 90	50 30	58 30	64 90	7 45
Nos.	9	10	11	14	17	21
Per dozen	$9 25	10 45	11 55	8 25	10 45	13 75

843 **STAMPED TINWARE.**

New page dated March 1, 1908.

LIPPED SAUCE PANS.

Nos.	012	014	016	018	020
Per dozen	$0 56	63	69	74	88
Nos.	022	024	026	028	
Per dozen	$1 00	1 08	1 20	1 50	

LIPPED PRESERVING KETTLES.

Nos.	201	221	241	261	281	301
Per dozen	$0 88	1 00	1 08	1 25	1 45	1 80

EGG POACHERS.

No. 00	per dozen	$2 58
No. 1	"	3 74

IC. PLAIN MILK PANS.

Quarts	¼	½	1	1½	2	3
Per dozen	$0 14	17	22	27	36	37
Quarts	4	5	6	8	10	12
Per dozen	$0 45	53	60	68	82	1 03

IC. RETINNED.

Quarts	¼	½	1	1½	2	3
Per dozen	$0 38	42	50	50	55	66
Quarts	4	5	6	8	10	12
Per dozen	$0 85	93	1 05	1 20	1 48	2 10

IX. RETINNED.

Quarts	6	8	10	12
Per dozen	$1 48	1 81	1 98	2 47

"O. V. B." IXXXX.

Quarts	6	8	10	12
Per dozen	$2 45	3 15	3 70	3 95

IC. PLAIN PUDDING PANS.

Quarts	1	2	3	4
Per dozen	$0 25	35	40	50
Quarts	5	6	8	10
Per dozen	$0 58	63	1 04	1 15

IC. RETINNED.

Quarts	1	2	3	4
Per dozen	$0 58	73	84	95
Quarts	5	6	8	10
Per dozen	$1 05	1 20	1 65	2 00

"O. V. B." XXXX.

Quarts	2	4	6	8	10
Per dozen	$1 55	2 45	3 10	3 95	4 25

"O. V. B." XXXX EXTRA DEEP.

Quarts	2½	3½	5
Per dozen	$2 31	2 69	3 02

844 **STAMPED TINWARE.**

New page dated March 1, 1908.

BREAD RAISERS, IX PLAIN.

Nos.	010	014	017
Per dozen	$3 52	4 35	5 77

IX RETINNED.

Quarts	10	14	17	21
Per dozen	$4 95	5 90	7 40	8 50

"O. V. B." XXXX.

Quarts	14	17	21
Per dozen	$12 65	14 30	15 95

RINSING PANS, IC. PLAIN.

Quarts	8	10	14	17
Per dozen	$1 05	1 15	1 35	1 50

IC. RETINNED.

Quarts	8	10	14	17
Per dozen	$1 65	1 80	2 20	2 75

Page

DISH PANS, IC. PIECED.

Quarts	8	10	12
Per dozen	$1 00	1 25	1 45

"O. V. B."

Quarts	10	14	17	21	30
Per dozen	$5 50	6 60	7 40	8 50	12 65

IX RETINNED.

Quarts	8	10	14	17	21
Per dozen	$2 20	2 20	2 65	3 20	3 85

IXX RETINNED.

Quarts	10	14	17	21
Per dozen	$3 15	3 75	4 40	4 90

IXXX RETINNED.

Quarts	14	17	21	30
Per dozen	Erase	Erase	Erase	8 35

IXXXX RETINNED.

40 quarts ..... per dozen $12 65

OVAL IX RETINNED.

15 quarts	per dozen	$4 20
18 quarts	"	5 11

WASH BOWLS, IC. PLAIN.

Nos.	06	06½	07	07½	08
Per dozen	$0 33	39	45	52	60

IC. RETINNED.

Nos.	6½	7	7½	8
Per dozen	$0 75	80	1 00	1 05

IX RETINNED, WITH EYELET.

Nos.	13	14	15	16
Per dozen	$1 21	1 29	1 47	1 62

"O. V. B." XXXX.

Nos.	31	32	33
Per dozen	$2 30	2 70	3 30

GALVANIZED IRON.

Nos.	17	17½	18
Per dozen	$0 95	1 00	1 15

845 **STAMPED TINWARE.**

New page dated March 1, 1910.

CAKE PANS.

Nos.	8	10	84	104	870	880
Per dozen	$0 36	52	48	65	1 15	1 35
Nos.	42	43	44	45	46	
Per dozen	$0 90	1 10	1 25	1 45	1 75	
Nos.	72	73	74	75		
Per dozen	$1 10	1 20	1 35	1 65		

MUFFIN PANS.

Nos.	6	8	12	6½	8½	12½
Per dozen	$0 70	90	1 35	1 20	1 50	2 10

CORN CAKE PANS.

Nos.	06	08	012
Per dozen	$0 80	1 05	1 60

COOKY PANS.

Nos.	106	108	112
Per dozen	$0 80	1 05	1 60

CLEAN CUT TINS.

No. 50	per dozen	$0 66
No. 100	"	83

PERFECTION TINS.

Nos.	1	2	800	900	7
Per dozen	$0 92	1 30	1 55	2 00	2 00
Nos.	3	200	300	90	
Per dozen	$1 45	1 45	1 85	2 65	

846 **STAMPED TINWARE.**

New page dated March 1, 1910.

SHALLOW JELLY CAKE PANS.

9 in.	per dozen	$0 27
10 in.	"	31

DEEP JELLY CAKE PANS.

9 in.	per dozen	$0 29
10 in.	"	36

MOUNTAIN CAKE PANS.

9 in.	per dozen	$0 36
10 in.	"	42

PIE PLATES.

Ic. Plain Pie Plates.

Diameter, in.	6	7	8	9	10
Per dozen	$0 15	17	22	24	30

Our Very Best.

XX TIN.

9 in.	per dozen	$0 85
10 in.	"	95

DEEP, IC. PLAIN.

Diameter, in.	9	10	11
Per dozen	$0 25	35	50

XX TIN, EXTRA DEEP.

8 in.	per dozen	$0 95
9 inch	"	1 00
10 in.	"	1 25

PERFORATED.

9 in.	per dozen	$0 40
10 in	"	50

Page

SCALLOPED.

9 in.	per dozen	$0 31

Easy Cut, Ic. Plain.

8 in.	per dozen	$0 55
9 in.	"	60

Wire Pie Plates.

8¾ in. ..... per dozen $0 90

CHILD'S PLATES.

8 in. ..... per dozen $0 33

PATTY PANS.

PLAIN.

Diameter, in.	3	3½	4
Per gross	$0 85	1 05	1 35

SCALLOPED.

Diameter, in.	3	3½	4
Per gross	$0 85	1 05	1 35
Heart	per gross		$1 05
Star	"		1 05
Shell	"		1 05

ASSORTMENTS.

No. 700	per gross	$1 15
No. 210	per dozen cards	10 56

CROQUETTE MOLDS.

No. 220 ..... per dozen $1 26

JELLY MOLDS.

Nos.	200	202	208	206	212	204
Per dozen	$0 88	1 76	85	85	1 00	75
Nos.	100	104	112	150	106	
Per dozen	$2 30	3 55	1 75	5 50	6 60	
Nos.	30	40	50	55	60	
Per dozen	$4 40	4 65	5 20	5 75	6 00	

Ice Cream Brick Molds.

Capacity, pts.	1	2	3	4
Per dozen	$3 10	3 65	4 00	5 20

847 **STAMPED TINWARE.**

New page dated March 1, 1908.

DRINKING CUPS, IC. PLAIN.

Nos.	08	09	010
Per dozen	$0 31	33	37

RETINNED.

Nos.	8	9	10
Per dozen	$0 42	47	53

MINER'S, OR CALIFORNIA.

No. 2	per dozen	$0 53
No. 3	"	62

STRAIGHT, RETINNED.

Nos.	023	23	26	27	28
Per dozen	$0 40	60	1 20	1 30	1 70

DIPPER BOWLS.

No. 2	per dozen	$0 35
No. 4	"	45

WATER DIPPERS, IC. PLAIN.

Nos.	25	45	55
Per dozen	$0 40	45	55

IC. RETINNED.

Nos.	28	48	58
Per dozen	$0 60	70	85

CUP DIPPERS.

Nos.	09	010	011	21
Per dozen	$0 75	80	95	75

Change Nos. 9 and 11 to read 09 and 011.

FAMILY DIPPERS.

No. 12	per dozen	$1 10
No. 13	"	1 45

LAUNDRY DIPPERS.

No. 023	per dozen	$1 45
No. 020	"	1 65

COCOA DIPPERS.

No. 151 ..... per dozen $0 60

BRITANNIA DIPPERS.

No. 2	per dozen	$3 00
No. 1	"	4 25

FLAT SKIMMERS.

Nos.	16	17	18	19	30
Per dozen	$0 50	60	70	75	80

MILK SKIMMERS.

Nos.	5	7	3	50
Per dozen	$0 22	24	57	65

848 **STAMPED TINWARE.**

New page dated March 1, 1908.

LADLES.

Nos.	8	9	10	11	12	13
Per dozen	erase	30	60	60	60	erase
Nos.	08	09	010	011	012	013
Per dozen	erase	65	65	65	65	erase
Nos.	100	200	300	400	101	
Per dozen	$2 55	3 15	4 50	5 60	2 85	
Nos.	201	301	401	38	39	
Per dozen	$3 60	4 85	5 95	50	60	
Nos.	29	30	7	110	50	
Per dozen	$0 60	65	25	75	50	

SCOOPS.

Nos.	00	34	2	3	4	5
Per dozen	$0 45	55	1 05	1 25	1 60	2 00
Nos.	20	30	40	50	11	12
Per dozen	$1 55	1 80	2 35	2 65	2 75	3 00
Nos.	13	14	15	164	165	166
Per dozen	$3 30	3 57	3 85	5 80	7 15	8 65

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STAMPED TINWARE.

New page dated March 1, 1908.

STRAINERS.

Nos.	2	3	20	12	16	120
Per dozen	$0 41	52	66	85	1 18	70
Nos.	160	4	"O.V.B."	112	123	
Per dozen	$1 20	1 45	4 25	85	1 90	

SIEVES.

No. 7 ..... per dozen $0 55
No. 8 ..... " 80

CULLENDERS.

Nos.	"O.V.B."	10	12	104
Per dozen	$5 45	90	1 25	1 20
Nos.	205	306	407	
Per dozen	$1 45	1 65	2 00	

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STAMPED TINWARE AND POT COVER RACKS.

New page dated March 1, 1908.

H. & R. POT COVERS.

Diameter, in.	7	7½	8	8½
Per dozen	$0 22	22	22	24
Diameter, in.	**9**	**9½**	**10**	**10½**
Per dozen	**$0 28**	**30**	**31**	**33**
Diameter, in..	12	12½	13	13½
Per dozen	$0 47	52	58	69
Diameter, in.	**11**	**11**	**12**	**12**
Per dozen	**$0 38**	**39**	**45**	**49**
Diameter, in.	14	14½	15	
Per dozen	77	88	1 00	
Diameter, in.	**11½**	**12**	**12½**	**13**
Per dozen	**$0 51**	**53**	**58**	**58**
Diameter, in.	**13½**			
Per dozen	**$0 58**			

SPECIAL SIZES.

Diameter, in.	7¼	7¾	8¼	8¾	9¼
Per dozen	$0 28	29	31	34	34
Diameter, in.	**9¾**	**10¼**	**10¾**	**11¼**	**11¾**
Per dozen	**$0 37**	**39**	**45**	**49**	**58**

L. H. POT COVERS.

Diameter, in.	8	8½	9	9½	10	10½
Per dozen	$0 40	42	47	49	51	53
Diameter, in.	**11**	**11½**	**12**	**12½**	**13**	**13½**
Per dozen	**$0 58**	**60**	**69**	**84**	**93**	**1 04**

PAIL COVERS.

Diameter, in.	3¼	3¾	4½	5	5½
Per dozen	$0 13	15	17	22	27
Diam,. in.	6 5-16	7	7¾	8 9-16	9¼	9⅝
Per dozen	$0 33	38	44	49	53	58

BOILER COVERS.

Nos.	18	84	19	39
Per dozen	$1 20	1 35	1 48	1 70

POT COVER CABINETS.

F. O. B. Factory, Davenport, Iowa.

No. 12 ..... each $10 45

POT COVER RACKS.

No. 5 ..... each $7 75

PIE PLATE RACKS.

No. 7 ..... **each $3 46**

WIRE WALL BRACKETS.

No. 10 ..... per dozen $0 60

Change No. 1 to read No. 10.

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KITCHEN UTENSILS.

New page dated March 1, 1910.

TEA AND TABLESPOONS.

Nos.	70	140	400	900	9000	0900
Per gross	$0 60	1 20	2 85	1 30	2 55	2 35
Nos.	650	6500	600	6000		
Per gross	$1 40	2 85	1 45	2 85		

MIXING SPOONS.

Nos.	7	8	9	695
Per dozen	$0 38	66	85	73

BASTING SPOONS.

Nos.	214	010	012	014	016
Per dozen	$0 42	28	33	38	44
Nos.	10	12	14	16	18
Per dozen	$0 45	60	65	80	95

Kettle Spoon Holders.

No. 38 ..... per dozen $0 90

KITCHEN SETS.

Nos.	673	200	11	6
Per dozen sets	$2 20	2 05	9 90	5 75

FLESH FORKS.

Nos.	9	35	38	315
Per dozen	$0 20	30	40	55
Nos.	612	614	28	611
Per dozen	$0 75	90	65	80

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KITCHEN UTENSILS.

New page dated March 1, 1910.

CAKE TURNERS.

Nos.	16	1	2	4	5	3	81
Per dozen	$0 62	27	35	55	55	60	85

PASTE JAGGERS.

No. 10 ..... per dozen $0 50

ICE CREAM SPOONS.

No. 160 ..... per dozen $2 58

ICE CREAM DISHERS.

No. 1—Sizes	16	10	8	6
Per dozen	$0 75	80	85	90
Nos. 3 and 4—All sizes..... per dozen				$13 85
No. 2—Sizes	20	16	12	10
Per dozen	$1 15	1 30	1 35	1 45
No. 2—Sizes	8	6	5	4
Per dozen	$1 55	1 65	1 80	2 05

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Ice Cream Cone Fillers.

No. 5 ..... per dozen $0 90

Ice Cream Scrapers.

No. 0 ..... per dozen $6 85

STRAWBERRY HULLERS.

No. 1 ..... per dozen $0 40

TIMBALE IRONS.

Nos.	1	2	3	4	5	6
Per dozen	$7 15	6 60	6 60	7 15	2 20	4 40

DECORATING BAGS.

No. 2 ..... per dozen $2 45
No. 3 ..... " 3 60

PASTRY BAG NOZZLES.

Nos.	0	3	4	3-Star.	4-Star.
Per dozen	$0 80	66	66	66	66

Larding Needles.

9 in. ..... per dozen $0 55

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TINNERS' FURNISHINGS.

New page dated March 1, 1908.

PAIL EARS.

Nos.	1	2	3	4	5	6	7
Gro. prs.	$0 60	70	90	1 05	1 30	1 60	2 05
Nos.	10	20	30	40	50	60	70
Dozen pairs	$0 11	11	16	22	27	33	55
No. 80 ..... erase							

LONG PAIL EARS.

No. 300 ..... per gross pairs $2 50

EXTRA HEAVY.

Nos, 1, 2, 3 and 4 ..... per lb. $0 13

CAN SCREWS.

DEEP STRAIGHT PATTERN.

½ in. ..... per gross $0 90

TIN.

Diameter	¾	1	1¼	1½	2
Per gross	$1 05	1 20	1 30	1 60	2 65

ZINC.

Diameter	½	¾	1	1¼	1½	2
Per gross	$1 18	1 32	1 58	2 11	3 12	5 28

BRASS.

Diameter	¾	1	1¼	1½	2
Per gross	$3 65	4 95	6 60	8 60	13 85

SHALLOW.

3 in. ..... per gross $3 16
4 in. ..... " 4 62

SPRINKLER ROSES.

Nos.	100	120	121	122	123
Per dozen	$0 22	33	44	57	82

TINNERS' RIVETS.

BLACK.

Ounces	8	10	12
Per M.	$0 05¼	05¾	06¼
Pounds	1	1¼	1½	1¾	2
Per M.	$0 07	07¼	08¼	09½	11
Pounds	2½	3	3½	4	5
Per M.	$0 14	16	18	20	23
Pounds	6	7	8	10	12	14
Per M.	$0 28	33	38	45	51	61

TINNED.

Ounces	8	10	12
Per M.	$0 06¼	07¾	09
Pounds	1	1¼	1½	1¾	2
Per M.	$0 11	12½	13	16½	19
Pounds	2½	3	3½	4	5
Per M.	$0 22	28	32	36	43
Pounds	6	7	8	10	12
Per M.	$0 52	61	69	85	98

RIVETING BURS.

TINNED IRON.

Nos.	8	7	6
Per pound	$0 17	16	15

BLACK IRON.

3-16 in. ..... per pound $0 12
¼ in. ..... " 10½

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TINNERS' TRIMMINGS.

New page dated March 1, 1908.

TEAPOT KNOBS.

Nos,	25	30	100
Per gross	$0 40	50	55

REPAIR KNOBS.

No. 54 ..... per gross $0 73
No. 66 ..... " 2 31
No. 55 ..... per dozen cards 3 40

CAN SPOUTS.

Nos.	9	8	7	6
Per gross	$5 77	5 50	5 22	5 75

TEAPOT HANDLES.

No. 54½ ..... per dozen $0 40
No. 55½ ..... " 40

PAIL WOODS.

Nos.	3	3½	4
Per gross	$0 72	78	1 02

Page

STRAINER WIRE CLOTH.

Mesh	40	50	60	70	80
Per roll	$0 58	63	82	1 43	1 98

PERFORATED TIN.

Nos.	1	2	3	4	5
Per dozen	$1 32	1 32	1 32	1 32	1 32

BOILER HANDLES.

No. 1 ..... per pound $0 08
No. 2 ..... " 08

CAN HANDLES WITH CLIPS.

No. 3575—Sizes	3	3½	4
Per dozen pairs	$0 79	92	1 18
No. 015 ..... per dozen pairs			$0 84
No. 15 ..... "			1 32

WIRE RING AND CLIPS.

Diameter	½	¾	1	1¼	1½
Per gross	$0 14	16	20	23	28

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JAPANNED TINWARE.

New page dated Oct. 1, 1909.

FLOUR BOXES.

Nos.	25	50	100	125
Per dozen	$5 25	7 15	10 20	16 50
Nos.	150	200	103	105
Per dozen	$19 80	27 50	14 85	17 85

R. C. BREAD BOXES.

Nos.	112	113	115	235	12
Per dozen	$6 05	7 25	10 25	21 45	5 30
Nos.	13	14	15		
Per dozen	$6 05	6 35	7 45		
Nos.	30	32			
Per dozen nests	$14 85	18 15			

CAKE PANS.

No. 31 ..... per dozen nests $14 85
No. 3 ..... " 15 20

BREAD AND CAKE CLOSETS.

Nos.	1	2	11	21	22
Per dozen	$13 85	18 45	12 65	22 00	26 40

LUNCH BOXES.

Nos.	10	1	2	7
Per dozen	$1 25	1 30	1 65	1 90
Nos.	8	9	5	6
Per dozen	$2 50	3 05	3 75	4 70
No. 00 ..... per dozen nests				$2 85

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JAPANNED TINWARE.

New page dated Oct. 1, 1909.

PEPPER AND DREDGE BOXES.

Nos.	1	2	3
Per dozen	$0 25	31	51

CANISTERS.

Nos.	1	2	3	21	22	23
Per dozen	$0 95	1 45	1 90	95	1 45	1 90

ROUND SPICE BOXES.

No. 6 ..... per dozen $3 85

SUGAR BOXES.

No. 4 ..... per dozen $5 45

MOLASSES CUPS.

Pints, 1 ..... per dozen $1 20
Pints, 2 ..... " 1 70

SYRUP PITCHERS.

No. 20 ..... per dozen $1 75

KNIFE AND FORK TRAYS.

No. 2 ..... per dozen $4 25
No. 40 ..... " 2 75

POST OFFICE BOXES.

Nos.	1	2	3
Per dozen	$1 45	2 30	2 85

DEED BOXES.

Nos.	0	1	2	3	4
Per dozen	$3 30	3 60	4 30	5 05	6 25

CASH BOXES.

Nos.	8½	9½	10½	11½	13
Per dozen	$3 55	3 85	4 50	5 30	6 60

BOND BOXES.

No. 11 ..... per dozen $4 65

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JAPANNED TINWARE.

New page dated March 1, 1908.

MATCH SAFES.

Nos.	21	22	804	6	064	065
Per dozen	$0 40	45	95	1 90	35	55

CANDLESTICKS.

No. 1 ..... per dozen $0 35
No. 111 ..... " 2 20

COMB CASES.

Nos.	1	5	61
Per dozen	$0 55	60	1 15

CHAMBER PAILS.

Nos.	2	3	4	2½	3½	4½	03
Per dozen	$3 05	3 60	4 40	3 30	3 85	4 65	4 95

COMMODE PAILS.

No. 25 ..... per dozen $8 80

SLOP JARS.

No. 11 ..... per dozen $3 85
No. 10 ..... " 4 40

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

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JAPANNED TINWARE.
New page dated March 1, 1908.

TOILET SETS.

Nos.	23	25	26
Per dozen sets	$12 85	12 85	12 85
Nos.	113	115	116
Per dozen sets	$14 50	14 50	14 50

TOILET STANDS.

No. 03	per dozen	$ 9 65
No. 03½	"	12 40

COMBINATION BATH TUBS.

Nos.	34	26	25
Per dozen	$48 40	42 00	50 60

FOOT TUBS.

Nos.	01	02	03	101	102	103
Per dozen	$2 40	3 05	4 80	2 50	3 10	4 85

INFANTS' BATH TUBS.

Nos.	1	2	3	4
Per dozen	$9 50	11 30	13 80	15 40

PLUNGE BATH TUBS.

Nos.	04	05	06
Per dozen	$49 50	55 00	62 15

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JAPANNED TINWARE.
New page dated March 1, 1908.

DUST PANS.

Nos.	01	1	5	010	10
Per dozen	$0 55	90	1 15	85	1 15
Nos.	50	021	21	210	115
Per dozen	$1 65	1 10	1 90	2 60	5 25

CRUMB PANS AND BRUSHES.

No. 1	per dozen	$2 10

CRUMB PANS AND SCRAPERS.

No. 55	per dozen	$0 70

TRAYS.

Nos.	900	012	014	016	018
Per dozen	$2 10	60	70	90	1 20
No. 395—Inches	20	22	24		26
Per dozen	$1 90	2 05	2 30		3 50
No. 526—In...	14&16	18	20	22	24 26
Per dozen	....erase	3 75	4 95	6 05	7 40 8 80
No. 54—Inches	20	22	24	26	28
Per dozen	$2 90	3 65	5 15	5 40	7 40
No. 13	per dozen	$0 90			

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JAPANNED TINWARE.
New page dated March 1, 1908.

CUSPIDORS.

Nos.	30	40	4	14	24	44
Per dozen	$0 85	1 40	5 25	5 80	6 90	10 20
Nos.	11	21	13	16	1	2
Per doz.	$1 10	1 30	1 95	5 05	3 20	12 10
Nos.	350	404	505	1222		1226
Per dozen	....$3 20	7 70	7 70	13 10		19 40
Nos.	1218		1206	1228		1220
Per dozen	$21 00		22 45	21 15		22 55

CUSPIDOR MATS.

No. 4	per dozen	$2 30
No. 7	"	3 60

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CREAM SEPARATORS.
New page dated March 1, 1910.

Simplex Separators.

Nos.	206	208	210	212
Each	$2 30	2 60	2 85	3 15

Simplex Separator Stands.

No. 201	each	$1 15

H. S. B. Cruso Separator.

Nos.	6	8	11	13	53
Each	$3 20	3 45	3 85	4 40	7 70

H. S. B. Cruso Square Separator.

Nos.	305	308	310
Each	$5 75	6 05	6 30

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DAIRY GOODS.
New page dated March 1, 1910.

Cleaner and Cleanser.

Barrels of fifty 5-lb. sacks	per barrel	$9 90

Milk Testers.

No. 24	each	$4 80
No. 46	"	8 45

Milk Testing Glass Ware.

Nos.	1	5	16	26	21
Per dozen	$1 35	1 75	5 05	95	1 75

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MILK CAN TRIMMINGS.
New page dated March 1, 1908.

HANDLES.

No. 2	per single dozen	$0 40
No. 20	" "	50

Nos.	3	30	5	1	Heisey
Per dozen pairs	$1 05	1 55	1 65	1 05	5 50

MILK CAN COVERS.

Regular	per dozen	$3 85
Sanitary	"	3 85
Umbrella	"	5 50

MILK STIRRERS AND AERATORS.

No. 5	per dozen	$2 60
No. 10	"	erase

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WIRE CAN SEALS.

No. 8	per thousand	$1 10
Can Seal Pinchers	per dozen	20 90

LINKS AND WASHERS.

Links	per dozen	$0 25
No. 7	per pound	20

LETTERS AND FIGURES.

Copper	per 100	$0 71
Brass	"	66

CAN BOTTOMS.

5 gal. bottoms	per dozen	$2 60
8 and 10 gal. bottoms	"	3 95

CAN GAUGES.

6 in.	per 100	$3 75
8 in.	"	4 40

SETTER CAN COVERS.

No. 4	per gross	$5 30

SETTER BOTTOMS.

8½ in., 1X	per gross	$5 00
8½ in., 1XX	"	5 50
8½ in., 1XXX	"	6 35

CAN STOCK.

5 gal., Light Iowa	per dozen sets	$15 95
8 gal., Heavy Iowa	"	20 90
10 gal., Heavy Iowa	"	23 10
8 gal., Heavy Elgin	"	23 10

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MILK CANS.
New page dated March 1, 1908.

Nos.	105	108	110	408	410
Per dozen	$18 45	20 90	22 00	24 75	26 15
Nos.	808	810	205	208	210
Per dozen	$26 15	28 35	19 25	11 00	22 55
Nos.	608	610	102	102	103
Per dozen	$25 85	26 95	15 15	19 55	
Nos.	115	120	130	215	220 230
Per doz.	$3 05	3 30	3 85	3 05	3 30 3 85

CAN STOCK.

Capacity, 20 gal.	per set	$3 40
Capacity, 30 gal.	"	4 05
Iron-clad Cans above set up complete, extra		$1 25

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DAIRY TINWARE.
New page dated Oct. 1, 1909.

O. V. B. MILK KETTLES.

Quarts	2	3	4	6	8	12
Per doz.	$4 65	5 75	6 85	7 95	9 35	14 30

With Bail.

Nos.	11	12	13	14	26	28
Per dozen	$1 05	1 35	1 90	2 30	4 15	4 70

I. C. and I. X. With Side Handle.

Nos.	1	2	3	4
Per dozen	$1 05	1 35	1 90	2 40
Nos.	6	8		10
Per dozen	$4 60	5 50		6 30

O. V. B. With Side Handle.

Nos.	1SH	2SH	4SH	6SH	8SH
Per dozen	$3 95	4 65	6 85	7 95	9 35

PEDDLERS' MILK KETTLES.

Quarts, 8	per dozen	$17 80
Quarts, 10	"	21 10

WELL MILK COOLERS.

Nos.	4	6	8
Per dozen	$2 15	2 20	2 55

SETTER CANS, I. X. TIN.

Quarts	14	20
Per dozen	$2 75	3 40

O. V. B. SETTER CANS.

Quarts	14	20
Per dozen	$5 30	6 05

ANTI-RUST.

No. 214	per dozen	$6 60
No. 220	"	7 45

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WASH BOILERS, ETC.
New page dated Oct. 1, 1909.

Nos.	017	018	019	0189	118
Per dozen	$6 60	6 90	8 00	6 60	8 00
Nos.	119	1058	1059	057	058
Per dozen	$8 80	5 65	6 30	8 00	8 80
Nos.	059	078	079	098	099
Per dozen	$9 10	9 90	11 30	10 20	12 10
Nos.	208	209	2010	198	199
Per dozen	$10 95	12 65	17 05	13 20	14 30
Nos.	1910	288	289		2810
Per dozen	$19 80	20 35	22 00		24 20

STEEL BOILER RACKS.

No. 30	each	$6 30

HAND WASHERS.

Cruso	per dozen	$4 70

COPPER WASH BOILERS.

Nos.	108	109	068	069
Per dozen	$25 30	26 95	26 40	28 05
Nos.	268	269	279	999
Per dozen	$35 20	37 40	39 60	61 60

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PIECED TINWARE.
New page dated Oct. 1, 1909.

TEA KETTLES.

Nos.	017	018	019	478
Per dozen	$2 50	2 70	2 95	4 55
Nos.	479	048	049	80
Per dozen	$5 15	6 05	6 60	1 30

STEAMERS.

Nos.	80	90	88	99
Per dozen	$2 45	2 75	6 60	7 70

STEAM COOKERS.

Nos.	11	800	0
Per dozen	$4 30	8 25	10 95
Nos.	1	3	7
Per dozen	$13 20	15 40	27 50

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PIECED TINWARE.
New page dated Oct. 1, 1909.

TEA STEEPERS.

No. 2½	per dozen	$0 50
No. 3	"	70

TEA POTS.

Nos.	241	242	243
Per dozen	$0 90	1 20	1 35
Nos.	200	300	400
Per dozen	$1 45	1 70	1 85
Nos.	502	503	504
Per dozen	$2 65	2 75	3 05

COFFEE POTS.

Nos.	11	12	13	14	16
Per dozen	$0 85	1 15	1 40	1 55	2 50
Nos.	32	33	34	36	53
Per dozen	$2 20	2 65	3 05	4 40	3 50
Nos.	54	55	603	604	606
Per dozen	$3 85	4 20	2 75	3 05	3 30

COFFEE BOILERS.

Nos.	42	43	44	46
Per dozen	$2 75	3 25	3 75	4 40
Nos.	087	088	089	3
Per dozen	$3 95	4 40	4 95	11 00
Nos.	4	5	6	
Per dozen	$12 55	14 00	17 05	

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PIECED TINWARE.
New page dated Oct. 1, 1909.

FLARING PAILS.

Quarts	6	8	10	12	14
Per dozen	$1 00	1 20	1 30	1 60	1 85

SAP PAILS.

10 quart	per dozen	$1 20

DAIRY PAILS.
COMPETITION.

Quarts	010	012	014
Per dozen	$1 95	2 05	2 20

SPECIAL.

Quarts	10	12	14
Per dozen	$2 20	2 50	2 75

ANTI-RUST.

Nos.	210	212	214
Per dozen	$1 65	5 20	5 80

JERSEY.

Quarts	10	12	14
Per dozen	$4 15	4 40	4 70

O. V. B.

Nos.	310	312	314	316
Per dozen	$5 50	6 05	6 60	7 15

STRAINER PAILS.

Nos.	0612	0614	612	614
Per dozen	$3 60	4 15	4 15	4 40
Nos.	410	412	812	814
Per dozen	$2 75	3 05	8 12	8 80
Nos.	510	512	514	712	714
Per dozen	$4 15	4 40	4 70	6 95	7 59

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PIECED TINWARE.
New page dated Oct. 1, 1909.

O. V. B. DINNER PAILS.

Quarts	4½	5½	6½
Per dozen	$5 95	6 60	7 30
Nos.	61 62	63	64	65	66
Per dozen	$1 65 1 95	2 15	2 50	2 75	3 30
Nos.	13	14	15	54	154
Per dozen	$2 50	2 75	3 05	3 30	3 85

O. V. B. WITH CUPS.

Quarts	4	5	6
Per dozen	$6 80	7 45	8 10

O. V. B. WITHOUT CUPS.

Quarts	4	5	6
Per dozen	$6 05	6 75	7 45
Nos.	150	200	250	350
Per dozen	$2 20	2 70	3 00	3 30
Nos.	600	650	300	330
Per dozen	$3 65	3 85	2 60	2 95
Nos.	400	450	301	331	401
Per dozen	$3 30	3 50	2 50	2 75	3 20
Nos.	451	274	275	276	74
Per dozen	$3 40	4 30	4 60	4 95	4 60
Nos.				75	76
Per dozen				$4 75	6 25

(Continued on next page)

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

COVERED BUCKETS.

Quarts	1	2	3	4
Per dozen	$0 50	70	85	1 00
Quarts	6	8	10	
Per dozen	$1 50	2 20	2 75	
No. 234	per dozen $4 60			

COFFEE FLASKS.

Pints	1	1½	2	5	6
Per dozen	$0 80	90	95	80	1 15

873 **TINWARE.**

New page dated March 1, 1908.

MILK STRAINERS.

Nos.	7	10	11	12	08	010	012
Dz.	$0 85	1 10	1 45	1 65	1 30	1 70	2 10
Nos.	19	21	22	33	8	40	77
Dz.	$0 82	1 40	1 65	1 75	3 15	2 10	6 60

CUPS.

Nos.	40	60	70	80	1 pt.	"O.V.B."
Per dozen	$0 19	20	45	55	1 00	

WATER DIPPERS.

Nos.	10	20	30	40	211	212	213
Per dozen	$0 55	65	90	1 15	95	1 10	1 30
1 qt. "O. V. B."	per dozen $2 30						
2 qt. "O. V. B."	" 2 70						
No. 50	" 70						
No. 54	" 2 05						
4 qt. "O. V. B."	" 3 15						

MILK AND CREAM DIPPERS.

Nos.	61	62	71	72	8
Per dozen	$1 40	1 60	1 60	1 95	95

MEASURES.

Nos.	1	2	3	4	5
Per dozen	$0 45	55	85	1 10	1 55

"O. V. B." MEASURES.

Quarts	1	2	4
Per dozen	$2 85	4 25	5 60

COPPER MEASURES.

Quarts	1	2	4
Per dozen	$5 80	7 15	9 35

GRADUATED MEASURES.

Nos.	9	10	1 qt. "O.V.B."
Per dozen	$0 55	1 00	1 75

MEASURING CUPS.

No. 65	per dozen $0 40
No. 63	" 55

874 **TINWARE.**

New page dated March 1, 1908.

FUNNELS.

Nos.	00	01	02	03	04	05
Per dozen	$0 20	25	30	45	60	85
Nos.	1	2	3	4	5	
Per dozen	$0 45	50	70	95	1 25	

"O. V. B." FUNNELS.

Quarts	½	1	2	4
Per dozen	$2 15	2 55	3 15	3 95

COPPER FUNNELS.

Quarts	1	2	4
Per dozen	$3 60	5 10	9 00

STRAINER FUNNELS.

No. 63	per dozen $1 30

FRUIT JAR FILLERS.

No. 15	per dozen $0 35

REFRIGERATOR PANS.

Sizes, in.	12	14	16
Per dozen	$2 40	2 75	3 30

BISCUIT AND BREAD PANS.

Nos.	10	20	31	32	33	34	35
Doz.	$0 50	50	1 05	1 15	1 25	1 60	1 85
Nos.	1	2	3	11	12	13	
Per dozen	$0 75	85	1 00	75	80	85	
Nos.	21	23	25	27			
Per dozen	$1 20	1 60	1 85	2 40			

CAKE PANS, TINS AND MOLDS.

Nos.	30	221	223	1	2	3
Per dozen	$0 85	1 25	2 30	55	60	70
Nos.	11	12	13	360	363	366
Per dozen	$0 80	75	95	1 75	2 10	2 10
Nos.	368	370	373	376	380	385
Per dozen	$2 85	1 75	2 10	2 10	1 75	2 10

875 **PIECED TINWARE.**

New page dated March 1, 1908.

CUTTERS.

Nos.	47	49	50	55	60	65	
Per dozen	$0 20	22	27	33	33	38	
Nos.	80	70	75	90	101	103	108
Per dozen	$0 35	40	50	17	67	67	78
Nos.	40	1	2	20	30	61	63
Per dozen	$0 50	30	40	40	45	2 35	2 35

GRATERS.

Nos.	1	2	3	22	32	35
Per dozen	$0 30	45	90	2 45	2 10	60
Nos.	44	13	12	5	20	60	10
Per doz.	$1 00	20	55	1 05	1 00	9 90	1 75

Page

876 **LARD PAILS.**

New page dated March 1, 1908.

Pounds	3	5	10	20	50
Per dozen	$0 70	1 05	1 45	2 10	3 95

LARD CANS.

Gallons	6	8	10
Per dozen	$3 30	4 70	5 75
Nos.	608	810	6810
Per crate	$3 40	3 95	5 20

SYRUP CANS.

Round	per hundred $9 95
Square	" erase

SYRUP PAILS.

10 lbs.	per hundred $8 80

FRUIT JAR RINGS.

No. 1	per gross $0 45
No. 2	" 70

FRUIT JAR WRENCHES.

No. 52	per dozen $0 45
No. 53	" 85

APPLE CORERS.

Nos.	2	1	3
Per dozen	$0 35	35	65

SAP SPOUTS.

No. 5	per hundred $0 95
No. 1	" 1 60

FRUIT CANS.

1 qt.—F. O. B. Chicago	per gross $4 00
2 qt.—F. O. B. Chicago	" 7 45

FRUIT CAN TOPS AND BOTTOMS.

1 qt.	per gross $1 65

WAX.

Red	per pound $0 05
White	" 05
Columbian	" 08

WAX STRINGS.

12 in.	per thousand $2 00
14 in.	" 2 20

MELTING LADLES.

No. 3	per dozen $0 70

877 **TIN AND GALVANIZED WARE.**

New page dated Oct. 1, 1909.

DINNER HORNS.

Nos.	02	180	220
Per dozen	$0 35	60	90

MARKING POTS.

No. 1	per dozen $0 95
No. 2	" 2 40

CAMP KETTLES.

F. O. B. Factory.

Nos.	4	5	6	8	10	12
Per doz.	$5 90	6 90	7 60	9 00	9 90	12 00

OILY WASTE CANS.

Nos.	1½	2½	3½	4½	5½
Per dozen	$12 00	14 40	19 20	24 00	28 80

POWDER CANS.

5 lbs.	per dozen $1 50
12 lbs.	" 2 10

CANTEENS.

Nos.	0	1	2	4	8
Per doz.	$0 90	1 10	4 75	5 70	6 90	7 80

WATERING POTS OR SPRINKLERS.

Nos.	11 qts.	1	2	3	4
Per dozen		$1 10	1 60	1 80	2 00	2 40
Quarts	6	8	10	12	
Per dozen	$2 80	3 90	4 20	6 00	
Nos.	40	60	80	100	120	160
Per dozen	$3 90	4 50	4 90	6 00	6 50	7 55

878 **GALVANIZED WARE.**

New page dated Oct. 1, 1909.

GARBAGE PAILS.

Nos.	14	16	17	18
Per dozen	$4 45	5 45	6 60	7 15
Nos.	19	117	118	119
Per dozen	$8 80	6 90	7 70	9 35
Nos.	25	35	45	
Per dozen	$7 70	9 35	10 45	
Gallons	6	8	10	
Per dozen	$12 65	14 85	17 60	

ASH CANS.

Nos.	3	4	5	6	20
Each	$1 60	1 90	2 15	2 30	1 55
Nos.	30	40	200	300	400
Each	$1 80	2 60	2 15	2 60	3 15
Nos.	88	170	180	190	206
Each	$1 30	2 20	2 60	2 85	3 05

FENCE ASH CANS.

No. 330	each $2 60
No. 336	" 3 30

Page

RUBBISH BURNERS.

No. 123	per dozen nests $39 00

879 **OIL AND GASOLINE CANS.**

New page dated March 1, 1908.

Nos.	8	9	558	018	18	28	38
Per doz.	$2 30	3 50	8 55	2 05	2 20	3 30	4 40
Nos.	58	201	202	203	205	2205	
Per doz.	$5 50	1 65	2 75	3 75	5 20	7 00	
Nos.	60	25	225	10	11	12	
Per doz.	$6 50	5 70	9 90	1 20	1 30	2 20	
Nos.	15	16	166	101	102	103	
Per doz.	$10 20	13 55	14 30	13 80	16 80	19 25	

880 **RAILROAD OIL CANS, TALLOW BUCKETS, ETC.**

New page dated March 1, 1908.

Nos.	41	42	43	45	410	510	601
Per doz.	$2 10	2 65	3 30	3 85	6 95	4 30	3 75
Nos.	512	602	514	515	605	592	
Per doz.	$5 45	5 25	erase	8 50	8 80	12 65	
Nos.	401	402	405	455	610	518	
Per dozen	$13 75	17 05	28 60	28 60	17 60	4 65	
Nos.	520	519	521	522	594		
Per dozen	$4 65	4 60	5 40	7 95	9 05		

881 **RAILROAD TORCHES AND FILLERS.**

New page dated October 1, 1908.

Nos.	551	553	309	310	410	411
Per dozen	$3 00	7 40	4 10	4 95	7 40	8 80
No. 40	per dozen sets $39 60					
No. 140	" " 62 70					
Nos.	531	532	589	590	593	
Per dozen	$2 85	4 55	3 95	5 20	10 95	
Nos.	528	529	530	533	534	
Per dozen	$2 50	3 30	3 30	4 55	6 85	

882 **ENGINE OILERS.**

New page dated October 1, 1908.

Nos.	48	49	049	91	
Per dozen	$13 50	14 30	10 90	2 20	
Nos.	92	93	111	112	113
Per dozen	$2 45	2 95	5 20	6 50	7 95
Nos.	120	121	122	123	
Per dozen	$5 50	6 30	6 85	8 25	
Nos.	38	39	166	10	
Per dozen	$4 30	4 95	15 95	4 95	
Nos.	11	118	505	572	
Per dozen	$6 05	6 60	4 40	7 70	
Nos.	572½	573	552	591	
Per dozen	Erase	7 95	4 65	6 40	

883 **OILERS.**

New page dated October 1, 1908.

Nos.	50	52	00	0	1	2	3	4
Per dozen	$0 35	40	30	40	50	60	70	85
Nos.	5	6	62	63	64	65	31	
Per dozen	$1 10	1 40	2 00	2 20	2 65	3 30	95	
Nos.	32	33	34	12				
Per dozen	$1 20	1 30	1 75	1 05				
Nos.	13	13A	14A	14AA				
Per dozen	$1 30	1 40	1 75	2 00				
Nos.	15	15A	14	14B				
Per dozen	$2 15	2 30	1 50	2 00				
Nos.	16	23	24	25				
Per dozen	$2 40	2 75	3 40	4 25				
Nos.	26	81	82	83	01	02	03	
Per dozen	$6 30	2 00	2 30	2 60	1 75	2 00	2 30	

OILER SPOUTS.

Nos.	00	0	1	2	3	4	5	6
Per dozen	$0 30	30	40	40	40	45	45	45
Nos.	112	113	114	110	1118	20	20B	
Per dozen	$0 80	1 00	1 55	2 65	3 00	40	40	
Nos.	28	28B	85	85B	90	90B	60	60B
Per doz.	$0 40	40	42	42	erase	1 45	1 45	

884 **MOWING MACHINE OILERS.**

New page dated October 1, 1908.

Nos.	210	210B	301	301B	208	208B	
Per dozen	$0 50	50	1 10	1 10	65	65	
Nos.	800	800B	900	900B	100	600	600B
Per dz.	$1 05	1 05	1 65	1 65	77	1 65	1 65

894A **ROASTERS, CASSEROLES AND BEAN POTS.**

New page dated Oct. 1, 1909.

ROASTERS.

Nos.	400	52	53	54
Per dozen	$21 60	4 95	6 60	8 55

CASSEROLES.

Nos.	92	93	94	95
Per dozen	$4 15	5 80	9 90	13 20

COVERED BEAN POTS.

Nos.	1	2	3	4	5
Per dozen	$1 85	2 40	3 10	3 75	4 55

Remember that these are not our lowest prices, but are sufficiently accurate to enable you to take orders for goods not carried in stock.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

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FRYING AND DRIPPING PANS.

ROASTERS.

New page dated October 1, 1908.

Nos.	000	01	02	03	04	05	00	0
Per dozen	$0 45	50	55	70	70	90	65	70
Nos.	1	2	3	4	5	6	7	
Per doz.	$0 90	1 05	1 20	1 30	1 50	1 75	2 00	
Nos.	16		18		20		24	
Per dozen	$1 75		2 10		2 55		3 15	
Nos.	28		32		36		1	
Per dozen	$3 80		4 80		5 90		2 45	

CASSEROLES.

Quarts	1½	3	5	7
Per dozen	$4 95	7 95	13 20	16 50

DRIPPING PANS.

Sizes, in.	6x9	6½x13	7x9	7x10	7x14	8x10
Per dozen	$0 44	62	50	53	67	55
Sizes, in.	8x12	8x15	8x17	9x12	9x14	9x17
Per dozen	$0 64	77	88	66	75	95
Sizes, in.	10x10	10x12	10x14	10x15	10x16	10x17
Per doz.	$0 69	77	87	89	94	1 00
Sizes, in.	10x19	11x15	11x16	12x12	12x15	12x17
Per dozen	$1 07	99	1 05	90	1 05	1 13
Sizes, in.	12x19	13x13	14x15	14x17	16x17	18x19
Per dozen	$1 22	1 00	1 20	1 26	1 33	1 65

EXTRA DEEP.

Sizes, in.	9x14x3½	10x15x3¾	11x16x3¾	13x18x4
Per dozen	$1 20	1 50	1 75	2 05

ROASTERS.

Nos.	0	30	300	50	500	9
Per doz.	$3 45	12 95	14 30	16 20	18 70	2 10
Nos.	10		12	2	3	4
Per dozen	$2 30		3 20	6 05	7 15	8 55

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STEEL HOLLOW WARE.

New page dated October 1, 1908.

Nos.	07	08	09	7	8	9	10	12
Each	$0 14	16	17	25	30	35	42	50

STEEL GRIDDLES.

Nos.	8	9	10	12	14	16
Each	$0 23	26	30	38	42	50
No. 80—Broilers	per dozen $2 30					
No. 110—Broilers	" $3 15					

FLAT STEEL KETTLES.

Nos.	7	8	9
Each	$0 75	90	1 05

R. B. STEEL KETTLES.

Nos.	7		8		9		
Each	$0 75		90		1 05		
Quarts	4	6	8	9	11	12	17
Each	$0 62	74	85	92	1 10	1 25	1 45
Nos.	120	08	09	610	0100	0120	
Per doz.	$27 50	2 60	4 95	5 25	9 25	10 45	
Nos.	190		1100		1120		1130
Per dozen	$19 25		22 00		27 50		37 40
Nos.	1140		1160		1180		
Per dozen	$45 10		69 30		92 40		

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CAST HOLLOW WARE.

New page dated October 1, 1908.

No. 8—Ex. Fin. R. B. Stove Kettles	each $0 60
No. 9—Ex. Fin. R. B. Stove Kettles	" 75
No. 7—Ex. Fin. F. B. Stove Kettles	" 55
No. 8—Ex. Fin. F. B. Stove Kettles	" 60
No. 9—Ex. Fin. F. B. Stove Kettles	" 80
No. 8—Ex. Fin. R. B. Stove Pots	" 75
No. 9—Ex. Fin. R. B. Stove Pots	" 90

EX. FIN. SPIDERS.

Nos.	7	8	9	10	12
Each	$0 27	30	35	45	70

EX. FIN. GRIDDLES.

Nos.	8	9	10	12	14	16
Each	$0 25	30	35	40	55	65
No. 8—Ex. Fin. Long Griddles	each $0 45					
No. 9—Ex. Fin. Long Griddles	" 55					
No. 10—Ex. Fin. Long Griddles	" 80					

WAFFLE IRONS.

Nos.	88	7	8	9	11	18	018
Per dozen	$6 60	5 50	7 70	8 80	9 60	9 60	7 40
Nos.	67		68		69		2
Per dozen	$14 85		22 25		29 70		8 25
Nos.	1		0		00		
Per dozen	$9 90		13 20		15 20		

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CAST HOLLOW WARE.

New page dated October 1, 1908.

Ground Inside.

No. 7—R. B. Stove Kettles	each $0 33
No. 8—R. B. Stove Kettles	" 36
No. 9—R. B. Stove Kettles	" 45
No. 8—Flat Stove Kettles	" 36
No. 9—Flat Stove Kettles	" 45
No. 8—R. B. Stove Pots	" 45
No. 9—R. B. Stove Pots	" 50

Enameled Inside

No. 8—R. B. Stove Kettles	each $0 45
No. 9—R. B. Stove Kettles	" 50
No. 8—Flat Stove Kettles	" 45
No. 9—Flat Stove Kettles	" 50
No. 8—R. B. Stove Pots	" 50
No. 9—R. B. Stove Pots	" 60

SCOTCH BOWLS GROUND INSIDE.

Nos.	2	3	4	5	6
Each	$0 20	23	26	30	35

Page

SCOTCH BOWLS ENAMELED INSIDE.

Nos.	2	3	4	5	6
Each	$0 25	27	30	35	40

BELLIED SAUCE PANS.

Pints	2	4	6	8	10	12	14	16	20
Each	$0 27	35	42	47	55	60	65	70	85
No. 8—Tea Kettles	each $0 40								
No. 9—Tea Kettles	" 45								

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CAST HOLLOW WARE.

New page dated October 1, 1908.

SPIDERS GROUND INSIDE.

Nos.	7	8	9	10	12
Each	$0 16	19	22	27	40
No. 8—Enameled White Inside	each $0 23				
No. 9—Enameled White Inside	" 26				
No. 8—Handled Cake Griddles	" 15				
No. 9—Handled Cake Griddles	" 17				
No. 12—Bailed Cake Griddles	" 27				
No. 14—Bailed Cake Griddles	" 35				
No. 16—Bailed Cake Griddles	" 40				
No. 78—Long Cake Griddles	" 30				
No. 79—Long Cake Griddles	" 35				
No. 99—Long Cake Griddles	" 1 15				
No. 8—Long Cake Griddles, enameled white	" 35				
No. 9—Long Cake Griddles, enameled white	" 45				
No. 48—Iron Heaters	" 30				
No. 49—Iron Heaters	" 35				

CAKE GRIDDLES.

Nos.	3	4	5	10	12	14	16
Per doz.	$6 95	8 25	2 60	5 50	7 70	10 45	11 25
Nos.	18		20		22		
Per dozen	$9 25		12 10		13 85		

GEM PANS.

Nos.	2	4	6	8	10	11	16	22
Per d.	$2 20	2 30	2 60	2 60	3 15	2 30	2 30	3 15

EGG POACHERS.

No. 6	per dozen $5 50

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HOLLOW WARE.

New page dated October 1, 1908.

COPPER KETTLES.

All sizes	per pound $0 26

BRASS KETTLES.

Nos.	7	8	9	10	11	12	13
Each	$0 42	65	1 05	1 25	1 50	1 70	2 15
Nos.	14	15	16	17	18	19	20
Each	$2 40	2 70	3 10	3 75	4 70	5 60	7 40

MASLIN KETTLES.

Quarts	3	4	6	8	10	12	16
Each	$0 25	30	40	45	50	55	70

CAST HAM BOILERS.

No. 8—Unground	each $1 05
No. 9—Unground	" 1 15
No. 8—Enameled	" 1 35
No. 9—Enameled	" 1 50

MORTARS AND PESTLES.

Capacity	1 pt.	1 qt.	2 qt.	1 gal.
No. 1	each $0 40	60	$0	1 45

CAST BAKE OVENS.

Nos.	3	2	1	13	12	11	10
Each	$0 55	60	70	60	65	80	1 15

GLUE POTS.

Nos.	00	0	1	2	3
Per dozen	$4 25	4 60	5 25	6 50	7 95
Nos.	4		5		6
Per dozen	$9 60		11 25		13 05
Nos.	00B		0B	1B	2B	3B
Per dozen	$3 65		3 95	4 45	5 55	6 80

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STRAINERS, SKIMMERS, FRYING BASKETS, ETC.

New page dated October 1, 1908.

STRAINERS.

Nos.	57	5	25	00	11	12	13
Per dozen	$0 16	55	65	25	30	45	55
Nos.	01	02	03	1	2	3	148
Per dozen	$0 30	40	50	65	95	1 20	80
No. 1—Tea or Coffee Balls	per dozen $0 40						
No. 2—Tea or Coffee Balls	" 60						

BOWL STRAINERS.

Nos.	1	2	4	022	1	2	3
Per doz.	$0 30	50	90	1 75	1 15	1 85	2 75

WIRE SKIMMERS.

Nos.	1	35
Per dozen	$0 55	90

FRYING BASKETS.

Nos.	208	209	210	2	
Per dozen	$2 20	2 75	3 30	1 65	
No. 2—Vegetable Boilers	per dozen $0 70				
No. 3—Vegetable Boilers	" 80				
No. 4—Vegetable Boilers	" 1 60				

Page 902

SINK SUNDRIES.

New page dated October 1, 1908.

POT CLEANERS.

Nos.	1	2	3	14	15	6	5
Per dozen	$0 40	60	50	90	70	80	35

STRAINERS.

Nos.	1	2	3	122	1	
Per dozen	$1 05	1 35	1 75	1 30	1 00	
Nos.	2		4	6	3	
Per dozen	$1 65		3 15	4 60	35	

Rubber Faucet Guards	per dozen $0 45

SINK STOPPERS.

Nos.	9	8	3	0	2	4	1
Per dozen	$1 45	5 25	40	60	75	50	65
No. 1—Soap Holders	per dozen $0 45						

Page 903

EGG BEATERS, WHIPS, SEPARATORS, ETC.

New page dated October 1, 1908.

Nos.	8	80	88	888	5	20	22	15	12
Per dz.	$0 12	30	35	40	42	40	80	45	1 05
Nos.	120	140	160	180	200	25	35	35½	
Per dz.	$2 30	4 00	4 95	5 35	5 75	85	2 70	3 25	
Nos.	45		37	6	16	116	27	33	
Per dozen	$29 70		90	60	66	1 75	90	40	
Nos.	1		02	12	18	45	145		
Per dozen	$5 85		50	35	50	2 60	erase		

Page 904

TOASTERS, BROILERS AND POTATO MASHERS.

New page dated October 1, 1908.

Nos.	7	17	48	100	101	105	107	103
Per d.	$0 22	35	31	50	1 05	85	2 15	2 15
Nos.	A	1	2	3	4	10	11	12
Per doz.	$0 40	80	85	90	1 05	88	95	1 05
Nos.	13	14	22	23	24	41	32	11
Per dz.	$1 45	1 65	3 10	3 75	3 95	1 30	2 60	29
Nos.	111	12	112	9	99	7	10	13
Per dozen	$0 65	40	65	50	70	42	57	4 10
No. 1—Skewers	per dozen sets $1 25							
No. 3—Skewers	" " 1 75							

Page 905

CORN POPPERS, DISH COVERS, FLY KILLERS, ETC.

New page dated October 1, 1908.

Nos.	3	1	6	7	8
Per dozen	$1 05	90	1 25	1 40	3 05
Nos.	18	4	10	25	123
Per dozen	$21 45	1 80	1 90	1 75	4 95
No. 1—Fly Paper	per box $0 35				
No. 2—Case of 10 boxes	per case 3 10				
No. 54—Dish covers	per dozen nests $3 85				

FLY KILLERS.

Nos.	70	60	3	5	7	Daisy
Per dozen	$1 15	1 35	40	65	80	1 45

Page 906

FLOUR SIFTERS, RIDDLES, SAND SCREENS, ETC.

New page dated October 1, 1908.

Nos.	0	1	3	4	6	65
Per doz.	$0 60	1 05	1 05	90	1 60	2 40
Nos.	33	0116	114	116	118	120
Per dozen	$2 05	80	1 30	1 30	1 45	1 45
Nos.	216	218	220	7	8	16	18	20
Per doz.	$1 45	1 45	1 55	66	85	1 05	1 15	1 25
No. 018—Assorted	per assortment $1 85							
Nos.	15	25	27	020	30			
Per dozen	$2 75	4 95	7 40	6 35	19 40			

Page 907

JAPANNED BIRD CAGE ASS'TS.

New page dated October 1, 1908.

Nos.	F	G	N	D2
Per assortment	$4 95	5 20	8 35	9 35

Page 908

BIRD CAGE ASS'T.

New page dated October 1, 1908.

Nos.	X	J	O	102	S
Per asst.	$5 75	8 25	12 95	15 65	21 45

Page 909

BIRD CAGES.

New page dated October 1, 1908.

Nos.	333	335	337	339	339½
Per doz.	$11 30	13 50	16 25	19 25	22 55
No. 3579½	per dozen nests $69 30				
Nos.	3333	3335	3337	3339	3339½
Per doz.	$19 80	21 45	24 75	26 40	33 00
No. 5791½	per dozen nests $99 00				
Nos.	344	310	231	232	
Per dozen	$19 80	26 50	9 90	13 20	
Nos.	233	234	235		
Per dozen	$14 30	16 25	17 35		
Nos.	2231	2232	2233	2234	
Per dozen	$17 35	19 00	20 65	22 00	
Nos.	2235	67	16	17	19	20
Per d.	$23 65	6 60	6 50	8 25	10 20	11 85
No. 790	per dozen nests $29 15					
Nos.	612	613	614	116		
Per dozen	$9 65	9 65	12 10	14 85		

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BIRD CAGES.

New page dated October 1, 1908.

Nos.	74	1500	1520	143
Per dozen	$11 55	23 00	30 80	12 10
Nos.	400	115	28	
Per dozen	$3 65	27 50	27 50	
Nos.	4	1	2	
Per nest	$4 60	4 95	6 60	
No. 10	per dozen $20 60			

Page 911

CAGES AND SUNDRIES.

New page dated October 1, 1908.

Nos.	70	75	80	85	90
Per dozen	$22 55	25 30	31 90	36 30	44 55
No. 777	per dozen nests $137 50				
No. 888	" " 102 30				
Per dozen	$79 20	95 70	61 60	37 40	35 75
Nos.	1912	1914	06	01	02
Nos.	6	8	9	5 10 15 20	7
Per dozen	$0 16	33	1 05	40 51 60 80	20

Seed Cups.

Nos.	1	2	3	5	4
Per dozen	$0 52	62	78	78	55

Bird Baths.

Nos.	1	2	4
Per dozen	$0 70	75	65

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page 921

POCKET MATCH SAFES.

New page dated Oct. 1, 1909.

Nos.	51	398 130	840	230
Per dozen	$0 60	95 95	1 20	1 50
Nos.	425	725	41	42
Per dozen	$2 40	2 40	2 40	4 80
Nos.	15	25	35	
Per assortment	$1 50	2 40	2 40	

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CAN OPENERS, TOBACCO CUTTERS, ETC.

New page dated Oct. 1, 1909.

Nos.	8	1 3	7	4
Per dozen	$0 35	40 60	70	70
Nos.	75	9 33	30	6
Per dozen	$0 90	1 45 90	90	2 40
No. 14	per dozen $0 90			

HOT PAN LIFTERS.

No. 22 ..... per dozen $0 90

BOTTLE STOPPERS.

No. 1D ..... per dozen $2 40
No. 2D ..... " 2 40

TOBACCO CUTTERS.

No. 10 ..... per dozen $11 70

Page 923

MINCING KNIVES, CLEAVERS, ETC.

New page dated Oct. 1, 1909.

MINCING KNIVES.

Nos.	3	4	17	199	5
Per dozen	$0 40	50	1 05	1 45	80
Nos.	7	6	40	60	2 250
Per dozen	$1 00	2 00	1 45	2 15	2 45 2 90

STEAK POUNDERS.

No. 2 ..... per dozen $0 75
No. 3 ..... " 2 10

BUTTER AND CHEESE TRYERS.

Nos.		10	11
Per dozen		$4 50	7 40

CLEAVERS.

Nos.	15	18	10	
Per dozen	$2 90	3 60	1 45	
No. 20—Inches	6	7	8	
Per dozen	$6 05	6 35	6 90	
Nos.	07	08	09	010
Per dozen	$15 25	16 70	18 48	19 90
Nos.	0	1	2	3
Per dozen	$14 20	15 65	17 35	19 10

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O. V. B. FOOD AND MEAT CHOPPERS.

New page dated Oct. 1, 1909.

FOOD CHOPPERS.

Nos.	7	70	700	7000
Per dozen	$10 30	12 30	14 70	19 20

STUFFER ATTACHMENTS.

No. 700 ..... per dozen $3 00
No. 7000 ..... " 3 30

O. V. B. MEAT CHOPPERS.

Nos.	8	80	83	85
Per dozen	$17 50	24 95	17 50	22 50
Nos.	850	870	855	875
Per dozen	$39 95	50 10	69 95	90 00

MEAT CHOPPER STUFFER ATTACHMENTS.

Nos.	8	80	83	85
Per dozen	$4 50	4 80	4 50	4 80
Nos.	850	855	870	875
Per dozen	$6 00	6 00	7 00	7 00

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MEAT AND FOOD CHOPPERS, STUFFER ATTACHMENTS, ETC.

New page dated October 1, 1908.

Nos.	101	202	303	
Per dozen	$9 90	11 00	17 05	
Nos.	5 10	12 22	32	42
Each	$1 35	1 90 1 70	3 05	3 80 13 35
Nos.	222	232	0212	
Each	Erase	Erase	Erase	

STUFFER ATTACHMENTS.

Nos.	5	10	12	22	32
Per dozen	$4 20	4 55	4 55	5 70	7 70
Nos.	11	12	0	1	2 3
Per dz.	$4 40	5 95	9 35	11 00	13 20 18 15

UNIVERSAL STUFFER ATTACHMENTS.

No. 2 ..... per dozen $3 00
No. 3 ..... " 3 30
No. 4—Peanut Mills ..... each $3 00
No. 40—Peanut Mills ..... " 3 30

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FOOD CHOPPER REPAIRS AND LARD PRESSES.

New page dated October 1, 1908.

For Choppers—Nos.	7	70	700	7000	
No. A Repairs	each	$0 17	17	17	20
No. B Repairs	"	17	17	17	20
No. C Repairs	"	17	17	17	20
No. D Repairs	"	17	17	17	20
No. E Repairs	"	60	82	82	1 05
No. F Repairs	"	12	12	12	17
No. G Repairs	"	08	08	08	08
No. H Repairs	"	33	40	40	50
No. I Repairs	"	erase	erase	erase	erase
No. J Repairs	"	20	20	20	24
For Choppers—Nos.	8	83	80	85	
Body or Cylinder	each	$0 82	82	1 23	1 03
Feed Screw	"	28	28	45	45
Knife	"	12	12	14	14
Plate 3-16, ¼, 5-16, ⅜ in. holes	"	16	16	28	28
Plate ⅛ in. hole	"	33	33	40	40
Plate, 5-64 in. hole	"	50	50	61	61
Ring	"	14	14	20	20
Crank	"	14	14	16	16
Thumb Screw	"	08	08	08	08
Clamp	"	16		16	
Stud	"	12	12	12	12
Base plate	"		24		33
Base plate, thumb screw	"		08		08
For Choppers—Nos.	850	855	870	875	
Body	each	$1 65	1 65	2 40	2 45
Feed Screw	"	82	82	1 23	1 23
Knife	"	20	20	33	33
Plate, 3-16, ¼, 5-16, ⅜ in. hole	"	40	40	53	53
Plate, ⅛ in. hole	"	53	53	1 07	1 07
Plate, 5-64 in. hole	"	82	82	1 65	1 65
Ring	"	40	40	53	53
Crank	"	28	28	40	40
Thumb Screw	"	08	08	16	16
Stud	"	16	16	24	24
Base Plate	"	40	1 45	61	1 65
Base Plate, Thumb Screw	"	08	08	08	08
Large Gear	"		1 05		1 05
Small Gear	"		50		50

REPAIR FOR ENTERPRISE MEAT CHOPPERS.

For Chopper—Nos.	5	10	12	
Cylinder	each	$0 88	1 32	1 10
Feed Screw	"	30	48	48
Knife	"	13	15	15
Plate, 3-16, ¼, 5-16, ⅜ in. hole	"	17	30	30
Plate ⅛ in. hole	"	35	44	44
Plate 5-64 in. hole	"	52	66	66
Ring	"	15	22	22
Crank	"	15	17	17
Thumb Screw	"	09	13	13
Cross Bar and Washer	"	09	19	
Clamp Screw	"	19	19	
Stud	"	13	17	17
Nos.	22	32	42	
Cylinder	each	$1 76	2 64	7 48
Feed Screw	"	88	1 32	4 40
Knife	"	22	35	44
Knife, for fat, Tool Steel	"			1 76
Plate 3-16, ¼, 5-16, ⅜ in. hole	"	44	57	2 64
Plate ⅛ in. hole	"	57	1 14	3 15
Plate 5-64 in. hole	"	88	1 76	6 60
Ring	"	44	57	1 76
Crank	"	30	44	74
Thumb Screw	"	13	17	28
Stud	"	22	26	66
Fly Wheel and Handle	"	2 42	4 00	6 16

PARTS FOR ENTERPRISE LARD PRESSES.

Nos.	15	25	35	
Arch	each	$0 88	1 32	1 54
Iron Cylinder	"	1 32	1 76	2 65
Rack or Screw	"	88	1 10	1 30
Plunger Plate, large	"	22	30	61
Plunger Plate, small	"	22	30	61
Tin Cylinder	"	44	66	88
Crank	"	22	33	35
Small Cog with Shaft	"	22	44	44
Large Cog with Shaft	"	22	44	44
Cast Strainer Plate	"	22	26	52
Spout	"	35	35	35
Side bolts	per pair	22	30	40
Spout Holder	each	17	17	17
Screw and Washer for Crank	"	09	09	09
Latch	"	09	09	09

NATIONAL FRUIT AND LARD PRESSES.

Nos.	015	025	030	035
Each	$3 15	3 80	4 35	4 85

ENTERPRISE FRUIT AND LARD PRESSES.

Nos.	15	25	35
Each	$3 40	4 45	5 60

REPAIR FOR UNIVERSAL FOOD CHOPPERS

For Choppers—Nos.	0	1	2	3	
Cranks	each	$0 16	16	16	24
Thumb Nuts	"	08	08	08	08
Reversible Cutters	"	24	24	24	
Fine Cutters	"	16	16	16	20
Medium Cutters	"	20	20	20	20
Coarse Cutters	"	20	20	20	20

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MEAT CHOPPERS, CHEESE CUTTERS, PRESSES, ETC.

New page dated October 1, 1908.

Nos.	111	112	113	5	1 0
Per doz. Erase	12 10	erase	11 05	7 95	11 00
No. 23—Beef Shavers					erase
No. 43—Beef Tea Presses				per dozen	2 75
No. 21—Meat Juicers				"	22 95
No. 10—Cheese Cutters				each	11 00
Nos.	55	57	65	34	4
Per dozen	$1 45	2 15	2 20	33 00	8 25

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PARERS, SLICERS, STONERS, ETC.

New page dated October 1, 1908.

Nos.	80	98	78	90
Per dozen	$4 65	5 95	6 60	13 20
Nos.	65	1	2	
Per dozen	$13 20	6 85	5 75	
Nos.	5	3	5	
Per dozen	$16 50	4 10	6 60	
Nos.	1	2	17	18
Per dozen	$5 70	6 85	7 26	erase

Page 928A

UNIVERSAL CAKE AND BREAD MAKERS.

New page dated October 1, 1908.

Nos.	5	44	2	4 8
Per dozen	$16 50	16 50	11 90	17 60 22 00
No. 50B—Bread Slicers				each $18 15
No. 70—Bread Slicers				per dozen 22 00

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LEMON SQUEEZERS AND JUICERS.

New page dated October 1, 1908.

Nos.	6	9	5	15	4
Per dozen	$0 90	1 50	95	1 20	1 60
Nos.			50	100	14
Per dozen			$1 25	2 05	2 40
Nos.			140	22	10
Per dozen			$2 05	4 10	3 90
Nos.	12	52	62	42	1 2
Per doz.	$5 10	28 80	14 40	43 20	42 86

Page 930

ICE PICKS, CHISELS, SHREDDERS, ETC.

New page dated October 1, 1908.

Nos.	3	3	6	2	18	80	7
Per doz.	Erase	80	erase	90	1 15	1 25	1 80
Nos.	70	700	1	25	100	50	9
Per doz.	$2 40	2 90	2 40	95	85	1 10	70
Nos.	10	3	6	14	19	22	600
Per dozen	$2 40	2 90	4 20	4 45	6 70	7 80	9 30

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ICE CUTTING AND BREAKING MACHINES

New page dated October 1, 1908.

Nos.	1	2	2½	3	0	5
Each	$3 42	5 10	7 80	19 20	6 30	33 60
Nos.	5P	7	4	4P	2	2P
Each	$38 40	57 60	37 30	41 75	64 65	71 60

Page 932

ICE TONGS.

New page dated October 1, 1908.

Nos.	7	5	6	1	2 3
Per doz.	Erase	erase	4 10	8 20	9 30 11 10
Nos.			12	13	14 15
Per dozen			$6 00	6 30	6 65 7 00

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ICE CREAM FREEZERS.

New page dated March 1, 1908.

H. S. B. & CO.'S FRIGID.

Quarts	1	2	3	4	
Each	$1 45	1 70	1 95	2 40	
Fly wheels, each					90
Cranks, per dozen	2 75	2 75	3 60	3 60	
Quarts	6	8	10	12	
Each	$3 05	3 90	5 05	6 00	
Fly wheels, each	90	1 80	1 80	1 80	
Cranks, per dozen	$3 60	5 75	5 75	5 75	

IMPROVED ARCTIC.

Quarts	1	2	3	4	6
Each	$1 30	1 55	1 80	2 15	2 75
Cranks, per doz.	2 05	3 20	3 20	4 00	4 00
Quarts	8	10	12	15	
Each	$3 55	4 55	5 40	6 20	
Cranks, per dozen	4 00	4 00	9 51	9 51	

WHITE MOUNTAIN.

Toy, 1 pt.	per dozen $14 40				
Quarts	1	2	3		
Each	$1 45	1 90	2 30		
Cranks, per dozen	$2 05	3 20	3 20		
Quarts	4	6	8	10	
Each	$2 65	3 35	4 30	5 60	
Fly Wheels, each	0 85	1 15	1 25	1 65	
Cranks, per dozen	4 00	4 00	4 00	4 00	
Quarts	12	15	20	25	
Each	$7 00	8 40	10 80	13 90	
Fly Wheels, each	2 90	2 90	3 60	4 20	
Cranks, per dozen	10 40	10 40	10 40	11 50	

WHITE MOUNTAIN FLY WHEEL.

Quarts	12	15	20	25
Each	$9 90	11 30	14 40	18 30

WHITE MOUNTAIN PLATFORM.

Quarts, 20 ..... each $23 40
Quarts, 25 ..... " 27 60

WHITE MOUNTAIN POWER.

Quarts, 25 ..... each $54 00
Quarts, 40 ..... " 72 90

Remember that these are not our lowest prices, but are sufficiently accurate to enable you to take orders for goods not carried in stock.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

Page

SOLDER.
Market price.

LEAD.
Market price.

SHEET LEAD.
Market price.

BABBITT METAL.
Market price.

BLOCK TIN.
Market price.

BRAZIERS RODS.
Market price.

HOOP IRON.
Market price.

CHARCOAL.
Market price.

976 **EAVES TROUGH PIPE AND TRIMMINGS.**
New page dated October 1, 1908.

GALVANIZED EAVE TROUGHS IN CRATES AND DOZEN LOTS.
Per crate .....discount 85 per cent.
Stock sizes ..... " 80 per cent.

CONDUCTOR PIPE.
Stock sizes .....discount 70 per cent.
Per crate ..... " 75 per cent.

RIDGE ROLL.
Stock sizes .....discount 80 per cent.
Per crate ..... " 85 per cent.

EAVES TROUGH MITRES.
Stock sizes .....discount 45 per cent.

EAVES TROUGH END SECTIONS.
Stock sizes .....discount 45 per cent.

EAVES TROUGH END CAPS.
All sizes .....discount 45 per cent.

CONDUCTOR PIPE ELBOWS.

Stock sizes, In.	2	3	4
Per dozen	$0 70	80	1 30

CONDUCTOR PIPE SHOES AND ELBOWS.
Stock sizes .....discount 70 per cent.

977 **EAVES TROUGH AND PIPE TRIMMINGS.**
New page dated October 1, 1908.

STEEL WIRE, SINGLE BEAD, GALVANIZED.

Inches	3½	4	5	6
Per gross	$2 00	2 00	2 20	2 60

STEEL WIRE, DOUBLE BEAD, GALVANIZED.

Inches	3½	4	5	6
Per gross	$2 20	2 20	2 40	2 75

IMPERIAL PATTERN.

Inches	3½	4	4½	5	6
Per gross	$3 50	3 75	3 85	3 95	4 40

BAKERS.

Inches	3½	4	5	6
Per gross	$2 30	2 40	2 65	3 30

CONDUCTOR PIPE HOOKS, STEEL FOR WOOD.

Pipe, In.	2½	3	4	5	6
Per dozen	$0 19	23	35	40	51

FOR BRICK.

Pipe, In.	2½	3	4	5	6
Per dozen	$0 23	28	35	57	70

WROUGHT IRON, TINNED FOR BRICK.

Pipe, In.	2	3	4	5	6
Per dozen	$0 55	70	1 00	1 10	1 25

CONDUCTOR PIPE HANGERS.

For pipe	2½	3	4
Per 100	$1 65	1 80	2 20

RAIN WATER CUT-OFFS FOR PLAIN PIPE.

Size pipe, In.	2	3	4	5
Per dozen	$2 30	2 65	3 65	6 60

The printed prices are sufficiently accurate to enable you to make sales.

Page

FOR CORRUGATED PIPE.

Size pipe, In.	2	3	4	5
Per dozen	$2 30	2 65	3 65	6 60

CONDUCTOR STRAINERS.

Pipe, In.	2	3	4	5	6
Per dozen	$0 50	60	80	1 15	1 55

978 **TINNERS' MACHINES.**
New page dated October 1, 1908.
Entire page .....Net List

979 **TINNERS' MACHINES.**
New page dated October 1, 1908.
Packhams, crimping .....each $7 47
No. 7 .....discount 5 per cent.
Beading .....Net List
Stow's double seaming .....Net List
Moore's double seaming .....Net List
Encased grooving .....Net List
Brass mounted grooving .....Net List
Nos. 120 and 220.....Net List

980 **TINNERS' MACHINE AND RULES.**
New page dated October 1, 1908.
Forming machines.....discount 10 per cent.

No. 6., In.	3½	4	4½	5	6
Each	$0 50	60	70	85	1 05

Tin folding machines .....Net List
Sheet iron folding machines.....Net List
No. 5 .....each $2 60
No. 6 ..... " 2 90
No. 7—Magic pattern rules ..... " 3 90

981 **TINNERS' TOOLS.**
New page dated October 1, 1908.
Stow's improved squaring shears .....discount 10 per cent.
Hull's Acme squaring shears " 10 per cent.
Waugh's circular shears .... " 10 per cent.
Newton's " " .....Net List

COMBINATION SHEARS AND PUNCHES.

Nos.	1	2	20	1	5
Each	$18 80	24 00	15 00	14 50	6 20

982 **TINNERS' TOOLS.**
New page dated October 1, 1908.

Nos.	36	37	38	39
Per pair	$1 75	1 50	1 20	92
Nos.	40	41	42	218
Per pair	$0 85	75	60	1 80
Nos.	219	260	270	280
Per pair	$1 65	2 10	1 90	1 60
Nos.	290	300	6½	7
Per pair	$1 25	1 15	2 17	1 85
Nos.	8	9	10	11
Per pair	$1 50	1 00	95	90
Nos.	30	3-	70	80
Per pair	$0 35	75	2 55	2 15
Nos.	90	21	22	2	4	5	15
Per pair	$1 85	6 59	7 45	2 90	erase	2 60	2 60
Nos.	00	0	1	2			
Per pair	$11 50	10 20	6 80	6 00			
Nos.	3	4	5	6			
Per pair	$5 10	4 25	3 40	3 00			

Packham's Crimping Tongs.....per pair $0 58

983 **TINNERS' TOOLS.**
New page dated October 1, 1908.
Cutting Nipples .....discount 35 per cent.
Patent Cutting Nippers..... " 35 per cent.
Carew Jaws ..... " 5 per cent.
Hurwood's Scratch Awls.....per dozen $2 90
Wire Chisels .....discount 45 per cent.
Lantern Chisels ..... " 45 per cent.
Solid Punches, all sizes.....each $0.06
In sets .....per set $0.35
Cast Steel Prick Punches.....each $0 06
O. V. B. Prick Punches.....per dozen $1 80
Hollow " .....discount 30 per cent.
Hand Groovers ..... " 30 per cent.
Riveting Hammers ..... " 30 per cent.
Setting " ..... " 30 per cent.
Raising " ..... " 10 per cent.

984 **TINNERS' TOOLS.**
New page dated October 1, 1908.
Entire page, except Universal Stake Irons ..... discount 10 per cent.
Universal Stake Irons .....Net List

985 **TINNERS' TOOLS.**
New page dated October 1, 1908.
Square Pan Swedges.....discount 10 per cent.
Square Pan Turners ..... " 10 per cent.
Rivet Sets and Headers..... " 40 per cent.
Wood Roofing Folders ..... " 5 per cent.
Roofing Tongs ..... " 5 per cent.
Gutter Tongs ..... " 5 per cent.
Roofing Double Seamers... " 5 per cent.
Burritt's Double Seamers, No. 6...per set $19 50
No. 5 ..... " 19.50

SOLDERING COPPERS.
Sharp Points .....Market Price
Wedge " .....Market Price
Square " .....Market Price
No. 1 Handles .....per dozen $0 35

Page

SOLDERING SETS.
No. 6 .....per dozen sets $1 15
No. 7 ..... " 2 30

SOLDERING SALTS.
2 oz. bottles .....per dozen $1 15
8 oz. " ..... " 2 60
1 lb. " ..... " 4 90
5 lb. jars .....each $1 25
10 lb. " ..... " 2 10
25 lb. " ..... " 6 30

986 **TINNERS' TOOLS.**
New page dated October 1, 1908.

Nos.	76	15	20	1
Each	$2 30	4 30	4 60	6 90
Nos.	5	3	5	Lundy
Each	$5 40	7 45	35	9 80

STANDARD WIRE GAUGES.

Nos.	3	4	2	1
Per dozen	$17 25	25 30	17 25	21 40

1001 **TITLE PAGE.**

1002 **OUR VERY BEST LANTERNS.**
New page dated March 1, 1910.

Nos.	2	22	20	25	1
Per dozen	$7 80	8 30	10 20	10 50	6 90
Nos.	10	15	200	202	100	102
Per doz.	$11 70	16 20	11 10	11 10	10 10	10 10	11 10
Nos.	45	242	2423	2420	2425	243
Per dozen	$0 90	4 50	5 70	6 35	9 10	6 50

1002A **"OUR VERY BEST" LANTERNS.**
Description of Our Very Best Cold Blast Lantern.

1003 **LANTERNS.**
New page dated March 1, 1906.

Nos.	215	2150	50	51
Per dozen	$13 75	14 20	65	1 25
Nos.	18	354	35	40
Per dozen	Erase	$28 60	19 80	46 20

1004 **RAILROAD LANTERNS.**
New page dated March 1, 1906.

Nos.	391	392	393	390	396	397	398
Doz.	$7 70	12 10	10 45	6 60	7 95	12 35	10 70
Nos.	395		225	227	228	229	230	235
Doz.	$6 85	Each	3 30	4 95	4 95	3 85	5 50	5 50

No. 03—Police Lantern .....per dozen $7 90
No. 67—Police Lantern..... " 8 65

1005 **STATION LAMPS.**
New page dated October 1, 1908.

Nos.	11	21	23	34	634	30
Each	erase	2 00	4 30	2 20	6 60	3 65
Nos.	305	3	350	103	55	65	74	2
Ea.	$4 40	3 65	4 40	1 20	5 50	5 50	3 75	5 95

1006 **LAMPS AND BRACKETS.**
New page dated October 1, 1908.

No. 130						each $1 75
No. 5530						per dozen $1 00
No. 5560						" 1 90
No. 7						each $1 50
Nos.	640	553	556	560	816	0816
Per doz.	Erase	5 22	7 40	10 45	2 86	90
Nos.					618	583
Per dozen					$3 13	3 68

1007 **LAMPS.**
New page dated October 1, 1908.
No. 7, assorted .....per box $3 85

Nos.	D1152	D1153	1140	1143	9123	9120
Per doz.	$3 55	4 65	9 60	10 72	65	1 10
Nos.	9119	6883	6884	D9070	D9108	D98
Per doz.	$1 75	39 60	42 90	19 80	24 20	10 45

1013 **MAMMOTH STORE LAMPS.**
New page dated Oct. 1, 1907.

Nos.	9173	09173	9273	09273	9373	09373
Each	$2 20	2 30	1 75	1 85	1 45	1 55
Nos.	1114	01114	1120	01120	1128	01128
Each	$3 40	3 65	3 00	3 30	2 85	3 15

1014 **MAMMOTH STORE LAMPS.**
New page dated Oct. 1, 1907.

Nos.	914	0914	920	0920	928
Each	$3 75	4 00	3 85	3 65	3 20
Nos.	0928	1314	01314	1400	
Each	$3 45	5 35	5 70	3 50	
Nos.	01400	2000	02000	2800	02800
Each	$3 80	3 15	3 40	3 00	3 30

1015 **GASOLINE LIGHTING SYSTEMS.**
New page dated October 1, 1908.

Nos.	238	338	438	538	240	340
Each	$17 60	22 00	27 50	31 90	17 60	22 00
Nos.	440		540	38	40	
Each	$27 50	31 90	4 10	4 10		

No. 380—Globes .....per dozen $2 65
No. 433—Globes ..... " 3 30
Hollow Wire.....per foot $0 05½
"T" Connections .....each 22
Straight Connections ..... " 16

Nos.	212	312	412	512	213
Each	$18 90	27 22	33 55	39 85	21 70
Nos.	313	413	513	12	13	14
Each	$31 90	39 60	47 30	5 50	7 15	8 80

Hollow Wire .....per foot $0 05½

Page

1016 INCANDESCENT VAPOR LAMPS.

New page dated October 1, 1908.

Nos.	120	100	190	200	130
Each	$2 35	3 55	6 60	2 45	2 75
Nos.	150	250	2	1	01
Each	$4 65	3 55	6 05	9 90	8 80

1017 INCANDESCENT MANTELS.

New page dated October 1, 1908.

Nos.	40	41	41½	38	39
Per dozen	$1 45	1 65	2 00	1 20	1 50
Nos.	39½		20	21	21½
Per dozen	$1 80		1 15	1 35	1 80
Nos.	10	11	8	26	31	5	50
Per dz.	$1 65	2 00	1 60	1 60	82	2 00	1 65

1018 LAMPS AND MANTLES.

New page dated October 1, 1908.

Nos.	120	130	1140	1150	1160	65	60
Per doz.	$0 82	92	1 60	1 30	82	3 30	5 95
Nos.	5		1000	1050	1005	1055	550
Per doz.	$6 60		10 55	9 60	3 00	1 90	7 25
Nos.	555		1	850	0850	33	309
Per dz.	$1 35		13 85	17 60	14 85	1 30	1 75

Change No. 1 to read No. 950.
Change No. 3 to read No. 850.
Change No. 30 to read No. 0850.

1018A GAS FIXTURE SUNDRIES.

New page dated October 1, 1908.

Nos.	840	42	10	105	14	15	24
Per dozen	$1 15	90	2 00	6 05	1 37	1 25	1 25
Nos.	25	198	199	27	28	180	30
Per dozen	$1 10	1 35	1 10	95	90	70	1 00
Nos.	360	370	380	660	670	680	3
Per dozen	$0 90	1 10	1 30	65	70	82	40
Nos.	5	108	172	305	357	360	
Per dozen	$0 82	33	55	90	82	1 60	

1019 LAMP CHIMNEYS.

New page dated Oct. 1, 1906.

Nos.	100	101	102	200	201
Per dozen	$1 00	1 10	1 25	90	95
Nos.	202	400	401	402	121
Per dozen	$1 15	65	70	90	1 20
Nos.	122	112	212	131	132
Per dozen	$1 40	1 25	1 15	1 25	1 35
Nos.	132½	133	231	232	233
Per dozen	$2 10	3 00	1 00	1 15	2 25

1020 LAMP CHIMNEYS.

New page dated Oct. 1, 1906.

Nos.	141	142	1424	241	242
Per dozen	$1 25	1 35	2 00	1 15	1 25
Nos.	00	253	161	461	470	480
Per doz.	$1 10	2 90	1 15	erase	erase	erase

1021 GLOBES AND SHADES.

New page dated October 1, 1908.

Nos.	600	601	602	603	604	610
Per dozen	$0 65	1 60	1 60	1 80	2 05	80
Nos.	611	612	613	620	621	622
Per doz.	$0 85	1 90	2 65	1 25	3 55	5 40
Nos.	630	630½	631	631½	632	2030
Per doz.	$1 20	1 80	2 40	6 00	4 32	3 60
Nos.	2031	2032	211	16	20	28
Per dozen	$21 60	21 60	60	50	2 40	3 60
Nos.	703	80	1059	1001	1402	1062
Per doz.	$1 50	3 90	3 60	3 60	5 75	60

1022 LAMP SUNDRIES.

New page dated October 1, 1908.

No. 5—Lamp Wicks.....per lb. $0 18
No. 10—Lamp Wicks..... " 30

FLAT COTTON WICKS.

Nos.	0	1	2	3
Per gross	$0 26	33	48	77

CIRCULAR COTTON.

Nos.	1 Student	1	2	3	00
Per gross	$0 46	1 65	2 30	7 90	5 95
Nos.	2 Millers			3 Millers	
Per gross	$3 95			9 80	

STOVE WICKS.

Inches	3	3½	4	8	10	12	15
Per gross	$1 55	1 85	2 10	5 30	6 75	7 90	9 30
Inches	10			15			10½
Double Thick	per gross $8 15			15 40			6 60

LAMP BURNERS.

Nos.	2	3	151	152	101	102
Per dozen	$1 45	3 30	36	47	44	60
Nos.	0	1	2	41	42	123	23
Per dozen	$0 52	55	71	88	1 10	96	1 35

LANTERN BURNERS.

No. 1—Ratchet Burner.....per dozen $0 33
No. 1—Convex Burner..... " 51

Nos.	0 Tub	2 Tub	3 Tub	2 O.V.B.	1	2	3
Per doz.	$0 55	1 05	2 85	1 10	11	13	30

1023 REFLECTORS AND GUAGE GLASSES.

New page dated October 1, 1908.

Nos.	12	13	14	16
Per dozen	$1 45	3 00	3 30	3 70

Gauge Glasses.....discount 85 per cent.

LUBRICATING GLASSES.

Inches	2½	3	4	5	6
⅝ in. diam...per dozen	$0 50	50	50	70	70

Rubber Gauge Gaskets.....per gross $0 90
No. 10—Gauge Class Cutters...per dozen 3 00

1024 CROCKERY CEMENTS.

New page dated October 1, 1908.

No. 1—Assortments.....per assortment $2 05
No. 2—Assortments..... " " 6 10

TINWARE MENDERS.

No. 10 .....per dozen $0 95

Page

1029 MINERS' LAMPS.

Nos.	5	2	3	12 & 13	9	19
Per gross	$7 90	Erase	Erase	10 55	9 90	10 55
Nos.	17	27	18	28	018	028
Per gross	$9 90	10 55	15 85	21 80	12 55	14 50

MINERS' CANDLESTICKS.

Nos. 12 and 10 .....per dozen $3 00

1030 LAMP STOVES.

Nos.	100	200	300	10	
Per dozen	$5 35	10 40	15 50	6 90	
Nos.	20	30	1	2	3
Per dozen	$13 50	20 10	8 35	16 05	25 00

1030A ALCOHOL AND GAS STOVES, TUBING AND HOSE COCKS.

New page dated October 1, 1908.

Nos.	75	175	175A	275
Per dozen	$4 60	8 05	14 65	17 25
Nos.	375J	375N	475J	475N
Each	$2 90	3 60	4 15	5 20
Nos.	600	1020	890	
Per dozen	$1 15	1 45	3 75	
Nos.	38	39	40	
Per foot	$0 03	04½	07	
Nos.	1	11	21	2	12
Per dozen	$1 90	2 30	3 05	2 85	3 05

1030B GAS HOT PLATES.

New page dated October 1, 1908.

Nos.	R2	R3	R20	R30	M120	M130	M12
Each	$4 80	4 90	4 20	5 90	2 00	2 95	2 50
Nos.	M13	D020	D030	S100	S200	S300	S0100
Each	$3 45	2 00	2 95	80	1 45	2 15	1 00
Nos.	S0200	S0300	S11	S22	S33	J00	J0
Each	$1 80	2 70	70	1 20	2 00	20	30

1031 REVONOC OIL HEATING STOVES.

New page dated Oct. 1, 1909.

Nos.	37A	37AB	37B
Each	$3 60	4 10	3 35

ALUMINO OIL HEATING STOVES.

Nos.	1J	2J	3J
Each	$3 00	4 20	6 00

1032 OIL HEATING STOVES.

New page dated Oct. 1, 1909.

Nos.	24	60	10
Each	$2 40	4 10	6 00
Nos.	40	80	12
Each	$3 70	4 45	9 00

1032A REV-O-NOC GAS HEATING STOVES.

New page dated March 1, 1910.

Nos.	123	153	183	122	152	182
Each	$3 60	4 50	5 40	2 70	3 40	4 30
Nos.	121	151	181	100	120	150	180
Each	$2 70	3 30	4 20	1 70	2 40	3 10	4 00

1032B REV-O-NOC WICK OIL STOVES.

New page dated March 1, 1910.

Nos.	X14	X24	X34	S24	
Each	$4 50	6 60	8 70	10 50	
Nos.	S34	S124	S134	124	134
Each	$12 63	20 10	22 80	16 20	18 90

Wicks .....per dozen $1 50

1033 GASOLINE STOVES.

New page dated March 1, 1909.

REV-O-NOC.

Nos.	302	303	402	403	423
Each	$4 50	5 90	5 50	6 90	9 75
Nos.	109	209	309	255	355
Each	$2 25	2 75	4 25	7 20	8 60

SOLID.

Nos.	108	208	308	107
Each	$1 75	2 05	3 25	1 85
Nos.	207	307	227	327
Each	$2 10	3 35	3 00	4 25

1034 OIL STOVES AND PORTABLE OVENS.

New page dated March 1, 1909.

REV-O-NOC OIL STOVES.

Nos.	501	502	503	801	802
Each	$2 30	3 45	5 00	2 60	4 30
Nos.	803	823	833	834	835
Each	$5 45	4 60	5 75	8 85	10 88

PORTABLE OVENS.

Nos.	111	112	8	9	10
Each	$2 30	2 50	1 55	1 90	1 85
Nos.	08	09	010	4	5	1
Each	$1 55	1 85	1 85	1 15	1 45	1 15

1035 REVONOC STOVES AND RANGES.

New page dated Oct. 1, 1909.

INTRODUCTION OF REVONOC STOVES.

1036 REVONOC MALLEABLE STEEL RANGES.

New page dated Oct. 1, 1909.

Without Reservoir.

Nos.	M816C	M818C	M918C	M820C	M920C
Each	$42 60	44 40	45 00	48 00	48 60

With Reservoir.

Nos.	M816RC	M818RC	M918RC
Each	$49 80	51 60	52 20
Nos.	M820RC	M920RC	
Each	$55 20	55 80	

Extra water front.....each $3 00

Page

1036¼ COLONIAL REV-O-NOC STEEL RANGES.

New page dated October 1, 1908.

Without Reservoir, with High Closet, Base and Thermometer.

Nos.	C818C	C918C	C820C	C920C
Each	$35 70	36 30	36 90	37 50

With Reservoir, High Closet, Base and Thermometer.

Nos.	C818RC	C918RC	C820RC	C920RC
Each	$39 95	40 50	41 10	41 70

1036½ ACTIVE REV-O-NOC STEEL RANGES.

New page dated October 1, 1908.

Nos.	A816C	A818C	A918C	A820C	A920C
Each	$25 60	26 75	27 30	28 45	29 05
Nos.	A816RC	A818RC	A918RC	A820RC	A920RC
Each	$30 30	31 30	32 50	34 20	34 75

1036C CROWN STEEL RANGE.

New page dated March 1, 1909.

Nos.	C8819C	C9919C	C8821C	C9921C
Each	$21 85	22 15	23 00	23 30
Nos.	C8819CR	C9919CR	C8821CR	C9921CR
Each	$27 05	27 30	28 20	28 45

1036D NEW GEM STEEL RANGES.

New page dated March 1, 1909.

Nos.	G8190	G9190	G8210	G9210
Each	$18 95	19 25	19 85	20 10
Nos.	G8192	G9192	G8212	G9212
Each	$23 85	24 15	24 70	25 00
Nos.	G8191	G9191	G8211	G9211
Each	$22 70	23 00	23 55	23 75

1036HA STEEL COOK STOVES.

New page dated October 1, 1908.

Nos.	H1816S	H1818S	H1816R	H1818R	
Each	$14 95	18 40	22 00	23 55	
No. 27	each $7 80				
Nos.	R70	R7	R80	R8	R88	R9
Each	$8 33	9 65	10 25	11 30	12 95	14 05

Reservoir (any size Range)....extra, each $1 72

1036HB HOTEL COOKS AND RANGES.

New page dated October 1, 1908.

No. R6824	each $40 25			
Water Front	extra "	5 20		
Nos.	H32-16S	H34-18S	H32-16C	H34-18C
Each	$60 95	63 75	64 40	67 85

1036I HOTEL RANGES.

New page dated March 1, 1908.

SINGLE OVEN.

Nos.	180	190	1100	
Each	$75 90	91 70	107 80	
High Closet, extra	each $12 05			
Water Back, extra	" 7 50			

DOUBLE OVEN.

Nos.	150	151	160	170
Each	$77 05	86 80	100 65	120 60
High Closet, extra	each $20 10			
Water Back, extra	" 7 50			

1036J CAST IRON RANGES.

New page dated March 1, 1908.
Illustration of ranges.

1036K CAST IRON RANGES.

New page dated March 1, 1908.

Nos.	C770	C771	C772	C773
Each	$30 00	30 00	32 00	32 00
Nos.	CR770	CR771	CR772	CR773
Each	$35 00	35 00	37 00	37 00
Nos.	S770	S771	S772	S773
Each	$30 00	30 00	32 00	32 00
Steel, high closet, extra	each $4 45			
Cast, high shelf, extra	" 4 45			
Nos.	SR770	SR771	SR772	SR773
Each	$35 00	35 00	37 00	37 00
Nos.	770	771	772	773
Each	$26 00	26 00	28 00	28 00
Nos.	R770	R771	R772	R773
Each	$31 00	31 00	33 00	33 00
Steel, high closet, extra	each $4 45			
Cast, high shelf, extra	" 4 45			
Nos.	353	354	R353	R354	S353	S354
Ea.	$24 00	24 00	28 00	28 00	27 00	27 00
Steel, high closets, extra	each $4 45					
Cast, high shelf, extra	" 4 45					
Oven thermometers, extra	" 80					
Nos.	SR353	SR354	C353			
Each	$30 00	30 00	25 00			
Nos.	C354	CR353	CR354			
Each	$25 00	30 00	30 00			
Steel, high closet, extra	each $4 45					
Cast, high shelf, extra	" 4 45					
Oven thermometers, extra	" 80					

Do not refuse an order because you do not carry the goods in stock.

Page
1036L CAST IRON COOK STOVES.
New page dated March 1, 1908.

XMOR PERFECT.

For shipments from factory.

Nos.	716	816	718	818	820	920
Ea.	$11 00	11 00	12 00	12 00	14 25	14 25
Nos.	.....	R816	R718	R818	R820	R920
Each	.....$14 25	17 00	17 00	19 25	19 25	

XMOR PRIDE.

For shipments from factory.

Nos.	716	816	718	818	820	920
Ea.	$11 50	11 50	13 75	13 75	15 75	15 75
Nos.	.....	R816	R718	R818	R820	R920
Each	.....$15 75	18 50	18 50	20 75	20 75	

1036M CAST IRON COOK STOVES.
For Shipment from Factory.
Entire page .....discount 35-5 per cent.
Erase all 822-922, also R822 and R922 Stoves from this page.

1036N CAST IRON COOK STOVES AND RANGES.
For Shipment from Factory.
Entire page .....discount 35 per cent.

1037 CAST IRON COOK STOVES.
New page dated Oct. 1, 1907.
F. O. B. Factory Chicago.
Entire page .....discount 40 per cent.

1038 CAST IRON COOK STOVES.
New page dated Oct. 1, 1907.
F. O. B. Factory Chicago.
Entire page .....discount 40 per cent.

1038A OAK STOVES.
New page dated October 1, 1908.

Nos.	....P612	P614	P616	P618	P620	P618½
Each	...$14 65	16 95	18 95	21 85	25 00	24 15
Nos.	.....P620½	S151	S171	S191	S191½	
Each	.....$27 30	11 20	13 20	14 65	16 40	

1038B OAK STOVES.
New page dated October 1, 1908.

Nos.	011	13	15	17	19	21	19½
Each	$6 65	7 85	9 20	10 75	12 70	15 80	14 70
Nos.	....	21½	9	10	12	14	16	18
Each	...$17 80	3 90	4 85	6 05	7 25	8 45	10 85	

1038½ HARD COAL BASE BURNERS.
New page dated March 1, 1908.

Nos.	.....	14P	15P	17P
Each	.....$36 25	40 15	44 55	

1038¾ HARD COAL BASE BURNERS.
New page dated March 1, 1908.
STANDARD.

Nos.	.....	412S	413S	414S	416S
Each	.....$25 00	27 90	30 75	33 90	

BRILLIANT.

Nos.	.....	312B	313B	314B	316B
Each	.....$22 70	26 70	28 45	31 05	

1039 WOOD HEATING STOVES.
New page dated March 1, 1907.
THE XMOR SCORCHER.

Nos.	.....	.....	118	122	126	130
Each	.....	.....$5 45	6 35	7 25	8 45	
Nos.	.....	.....	18	22	25	30
Each	.....	.....$3 90	4 70	5 60	6 70	

AJAX BOX STOVES.

Nos.	18	22	25	28	30	34	36
Ea.	$3 05	4 00	5 15	6 30	6 65	8 80	9 35

COMFORT AIR TIGHT.

Nos.	....018CF	021CF	026CF	118CF	121CF	126CF
Each	..$2 50	3 45	4 00	2 85	3 75	4 30

1040 "O. V. B." HOT BLAST STOVES.
New page dated March 1, 1907.

Nos.	.... ..	212	214	216	218	222
Each	.....	$8 90	10 35	11 65	13 20	20 85

1042A WOOD AIR TIGHT HEATERS.
New page dated October 1, 1908.

Nos.	.....	18	21	25	181	211	251	200
Each	.....$0 97	1 55	1 90	1 15	1 85	2 15	2 00	
Nos.	.....	240	300	2218	2222	2224	2230	
Each	.....$2 30	2 80	2 30	2 55	3 45	4 30		
Nos.	.....	201	241	301	1201	1241	1301	
Each	.....$2 90	3 15	4 00	3 30	3 75	4 60		
Nos.	.....	204	244	304	1204	1244	1304	
Each	.....$3 75	4 30	5 00	4 30	5 00	5 45		
Nos.	...	1206	1246	1306	285	286	295	296
Each	...$3 30	6 90	8 05	7 75	8 90	10 60	11 75	

1042B LAUNDRY STOVES, OVENS, RADIATORS, ETC.
New page dated October 1, 1908.

Nos.	.....	84	89	82	81	2
Each	.....$5 35	5 20	3 25	2 90	2 30	
No. 1—Salamanders	.....each	$2 10				
No. 2—Salamanders	.....	"	2 40			
Grates, extra	.....	"	50			
Nos.	.....	245	246	286	287	18	17
Each	.....$1 85	1 85	2 30	2 30	2 20	1 50	

Page
1042F CANNON COAL STOVES.

Nos.	.....	3	4	5	6	11
Each	.....	....$2 85	3 60	4 25	4 85	6 00
Nos.	.....	12	14	16	18	20	22
Each	....	$6 90	9 35	12 95	17 25	23 55	30 15

1042FA HIBBARD HOT BLAST STOVES.
New page dated October 1, 1908.

Nos.	.....	102	105	108
Each	.....$6 90	8 60	10 90	

1042FB HIBBARD AIR TIGHT STOVES.
New page dated October 1, 1908.

Nos.	.....	H180	H210	H250	H280
Each	.....$6 60	7 20	9 10	10 25	

REPAIRS.

For Stove Nos.	.....	102	105	108
Cone Grates	.....each	$0 50	58	70
Upper Cast Bowls	..... "	1 60	1 70	2 30
Lower Cast Bowls	..... "	1 55	1 55	2 00
Blast Tubes, complete	... "	50	58	70
Main Cast Top	..... "	80	1 85	1 15
Top Feed Door	..... "	28	28	58
Urn Top	..... "	28	28	35
Urns	..... "	35	40	50
Nickel Top Rings	..... "	55	62	75
Nickel Foot Rail	..... "	60	70	80
For Stove Nos.	 180	210	250	280
Main Cast Top	....each	$1 15	1 60	1 85	2 30
Top Feed Door	.... "	58	58	58	70
Urn Top	..... "	28	28	45	50
Urns	..... "	35	40	45	45
Nickel Top Rings	.. "	60	65	70	75
Nickel Foot Rail	.. "	75	90	1 00	1 15

REPAIRS TO FIT ALL SIZES HIBBARD HOT BLASTS AND AIR TIGHTS.

Fire Bowl Supports (complete)	.....each	$0 55
Legs	..... "	24
Screw Registers	..... "	30
Rail Supports	..... "	12
Ash Pit Door, only	..... "	58
Outside Ash Pit Door Frame	..... "	48
Inside Ash Pit Door	..... "	28

1042FC SECTIONAL VIEWS OF STOVES.
New page dated Oct. 1, 1909.
Showing How to Order Parts.

1042FD SECTIONAL VIEWS OF STOVES.
New page dated Oct. 1, 1909.
Showing How to Order Parts.

1043 FARM BOILERS, SUGAR AND CALDRON KETTLES.
FARM BOILERS.
New page dated October 1, 1908.

Nos.	.....	1	2	3	4	5
Each	.....$8 25	9 65	10 40	11 45	12 50	
Nos.	.....	6	7	8	9	
Each	.....$13 53	15 35	18 05	22 15		
Nos.	.....	10	11	12	13	14
Each	.....$24 95	10 75	12 15	12 80	14 20	
Nos.	.....	15	16	17	18	
Each	.....$15 25	16 30	18 10	21 10		
Nos.	.....	19	20	1X	2X	3X
Each	.....$25 30	28 05	3 85	4 70	5 15	
Nos.	.....	19	250	480		
Each	.....$3 85	15 95	23 55			
Nos.	.....	530	750	25	48	
Each	.....$26 35	31 90	18 75	26 40		
Nos.	.....	53	75	10	11	
Each	.....$29 15	34 70	5 00	7 50		
Gals.	 25	33	41	48	53	65
Each	.....$3 60	4 80	6 00	7 15	7 75	8 35
Gals.	 75	90	110	1	2	
Each	.....$11 08	16 55	19 90	1 05	1 35	
Gals.	 3	4	5	6	7	8
Each	.....$1 65	2 15	2 40	2 90	3 45	5 25
Nos.	 10	11	12	14	16	
Each	.....$5 00	5 50	7 95	11 05	19 00	

1044 TANK HEATERS.
New page dated October 1, 1908.

Nos.	.....	100	200	10	20	4
Each	.....$2 90	4 05	3 20	4 80	4 80	
Nos.	.....	5	411	511	7	8
Each	.....$8 05	6 05	8 65	6 60	8 05	

1045 GALVANIZED STEEL TANKS.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1105 O. V. B. BARTLETT SEWING MACHINE.
New page dated March 1, 1909.

Nos.	.....	90	85
Each	.....$23 40	22 20	

1106 O. V. B. BARTLETT SEWING MACHINES.
New page dated March 1, 1909.
No. 49 .....each $21 30

1108A SEWING MACHINES.
New page dated March 1, 1909.
No. 325 .....each $15 60
No. 327 ..... " 16 80

1108B METEOR SEWING MACHINES.
New page dated March 1, 1909.
No. 300 .....each $14 40

1108C "LABELLE SPECIAL" SEWING MACHINES.
New page dated March 1, 1909.
No. 250 .....each $14 40
(Continued on next page)

Page
1108D "LABELLE" SEWING MACHINES.
New page dated March 1, 1909.
No. 200 .....each $13 20

1109 HAND SEWING MACHINES.
New page dated March 1, 1909.

Nos.	.....	1000	1100	11	12
Each	.....$6 60	8 70	8 40	10 80	

1110 SEWING MACHINE ACCESSORIES.
New page dated March 1, 1909.

Needles	.....per dozen	$0 20
Sewing Machine Assortment	.per assortment	6 00
Sewing Machine Attachments	.....Write for prices	
Sewing Machine Belts	.....per dozen	$1 00

SEWING MACHINE OIL.
SIZE BOTTLES.

Size bottles—1 oz.	.....per dozen	$0 40
Size bottles—2 oz.	..... "	50
Size bottles—3 oz.	..... "	65
Size bottles—4 oz.	..... "	75

1110A OFFICE DESKS.

Nos.	.....	1	2	4	5	6
Each	.....$15 25	16 65	23 30	25 30	27 80	
Nos.	.....	10	11	12	3	7
Each	.....$14 10	15 25	16 10	17 25	26 55	
Nos.	.....	8	9	14	15	16
Each	.....$28 45	30 45	23 00	25 10	29 05	

1110B OFFICE DESKS AND CHAIRS.

Nos.	....	17	18	19	23	24	25
Each	....$31 60	34 20	36 80	37 95	41 10	44 25	
Nos.	....	50	51	20	21	22	26
Each	.... $6 90	9 50	34 20	37 95	41 95	41 95	
Nos.	....	27	28	29	30	31	32
Each	....$45 70	49 45	15 25	17 80	20 40	25 30	

Change size of No. 28 to read 66 inches long instead of 60 inches.

1110C REV-O-NOC FIRE PROOF SAFES.
New page dated October 1, 1908.

Nos.	.....	350	370	390	410
Each	.....$20 40	24 00	30 00	39 60	
Nos.	.....	450	470	510	
Each	.....$51 00	66 00	87 60		
Nos.	2450	2510	480	490	500	520
Ea.	$102 00	132 00	87 60	79 20	102 00	108 00

1110D REV-O-NOC FIRE PROOF SAFES.
New page dated October 1, 1908.

Nos.	.....	600	610	620	630
Each	.....$126 50	138 00	149 50	173 50	
Nos.	.....	640	650	660	
Each	.....$172 50	186 00	184 75		

BURGLAR PROOF CHESTS.

Furnished with Nos. 450 to 520 inclusive	.....extra each	$86 00
Furnished with Nos. 600 to 640 inclusive	.....extra each	86 00
Furnished with Nos. 650 to 660 inclusive	.....extra each	94 85

1126A PURITY FIRELESS COOKERS.
New page dated Oct. 1, 1909.

Nos.	.....	15	25	35	250
Each	.....$5 25	8 10	9 00	9 00	

1126B PURITY FIRELESS COOKERS.
New page dated Oct. 1, 1909.

Nos.	.....	10	20	30
Each	.....$4 20	5 70	8 40	

1126E COLLAPSIBLE GO-CARTS.
New page dated Oct. 1, 1909.

Nos.	.....101BL	101G	101B
Each	.....$8 40	8 40	8 40
Nos.	.....102BL	102G	102B
Each	.....$6 60	6 60	6 60

STORM APRONS.
Each $1 20

1126F COLLAPSIBLE GO-CARTS.
New page dated Oct. 1, 1909.
GEM.

No. 103BL	.....each	$5 40
No. 103G	..... "	5 40

CRUSO.

No. 104G	.....each	$4 50
No. 104B	..... "	4 50
Nos. 104B and 104G (in lots of 6)	.. "	4 20

1127 COLLAPSIBLE GO-CARTS.
New page dated March 1, 1910.

Nos.	.....105B	105G	106B	106G	103BL
Each	.....$9 90	9 90	7 50	7 50	7 50
Storm Aprons	.....each	$1 00			

112S GO-CARTS AND BABY CARRIAGES.
New page dated March 1, 1910.
"DREAMLAND" JARLESS GO-CARTS.

Nos.	.....H77B	H77G	HK77B	HK77G
Each	.....$9 00	9 00	9 60	9 60

Page

RECLINING GO-CARTS.
No. 1221B .....each $20 40

RECLINING BABY CARRIAGES.
Nos. 1213H 1222
Each $20 40 18 00

1129 **WOODLAND RECLINING GO-CARTS.**
New page dated March 1, 1909.
Nos. 1218 1217 1216 1215
Each $19 20 17 70 9 45 7 20

1130 **BABY CARRIAGES.**
New page dated March 1, 1909.
Nos. 1214 1212 1211 1219
Each $21 00 7 85 4 75 21 00

1131 **RECLINING GO-CARTS.**
New page dated March 1, 1909.
Nos. 1209 1208 1207 1206
Each $11 00 7 10 15 75 12 65

1132 **RECLINING FOLDING GO-CARTS.**
New page dated March 1, 1909.
Nos. 1204 1203 1202 1202C
Each $7 35 6 30 3 00 2 75
Nos. 1201 1201C 1200 1200C
Each $1 50 1 30 1 35 1 10

1141 **BRASS BEDSTEADS.**
New page dated Oct. 1, 1909.
F. O. B. Factory, near Chicago.
Entire page .....discount 40 per cent

1142 **BRASS BEDSTEADS.**
New page dated Oct. 1, 1909.
F. O. B. Factory, near Chicago.
Entire page .....discount 40 per cent

1143 **IRON BEDSTEADS.**
New page dated Oct. 1, 1909.
F. O. B. Factory, Near Chicago.
Entire page .....discount 40 per cent.

1144 **IRON BEDSTEADS.**
New page dated Oct. 1, 1909.
F. O. B. Factory, near Chicago.
Entire page .....discount 40 per cent

1145 **IRON BEDSTEADS.**
New page dated Oct. 1, 1909.
F. O. B. Factory, near Chicago.
Entire page .....discount 40 per cent

1146 **IRON BEDSTEADS.**
New page dated Oct. 1, 1909.
F. O. B. Factory, near Chicago.
Entire page .....discount 40 per cent

1147 **CRIBS AND INSTITUTION BEDS.**
F. O. B. Factory, near Chicago.
Entire page .....discount 40 per cent.

1148 **DAVENPORTS, COTS AND SPRINGS.**
F. O. B. Factory, near Chicago.
Entire page .....discount 40 per cent

1149 **MATTRESSES AND SLATS.**
F. O. B. Factory, near Chicago.
Discount.....40 per cent

PILLOWS, BOX SPRING AND BOLSTER ROLLS.
F. O. B. Chicago.
Discount.....40 per cent

1150 **MATTRESSES.**
F. O. B. Factory, near Chicago.
Entire page .....discount 40 per cent

1188A **KITCHEN CABINETS.**
New page dated October 1, 1908.
Nos. 142½ 1 42½
Each $7 70 5 80 3 05
Nos. 195 01 95
Each $13 05 6 90 6 55
Nos. 180 1 80 230
Each $9 35 4 70 4 70 18 40
Nickel Top, extra .....each $1 25

The figures printed in this book have been increased to cover possible advances. We guarantee lowest market prices.

Page

1188B **KITCHEN CABINETS.**
New page dated October 1, 1908.
Nos. M5-14 5 14
Each $5 75 3 65 2 00
Nos. M9-11 9 11
Each $11 60 7 30 4 30
Nos. M6-17 6 17
Each $8 25 4 75 3 55
Nos. M10-18 10 18
Each $13 75 8 10 5 70
Nos. 150 15 3300 3100
Each $8 80 5 00 6 90 5 80

1201 **TITLE PAGE.**

1202 **LEAD PENCILS.**
New page dated March 1, 1907.
Nos. ..... 342, 343 & 344 352 & 353 442 & 443
Per gross $6 90 5 10 5 10
Nos. ..... 252 & 253 60 45 47 & 19 56 & 59
Per gross..$6 00 erase erase 4 80 4 50

1203 **LEAD PENCILS.**
New page dated March 1, 1907.
Nos. 376 315 465 268 259
Per gross $6 50 2 20 1 80 1 45 90
Nos. 250 807 787 350 327
Per gross ....$5 40 6 30 erase 10 80 10 80

1204 **LEAD PENCILS IN ASSORTMENTS.**
New page dated March 1, 1907.
Nos. 466 216 220 430
Per box $2 80 2 00 2 35 3 50

1205 **CARPENTERS' LEAD PENCILS.**
New page dated March 1, 1905.
No. 229 .....per box $2 00
Nos. 114 110 111 780 781 782
Per gross .$2 70 3 30 3 90 5 40 6 00 7 20
Nos. 210 117 600 538 511 512
Per gross erase 4 80 7 25 5 70 5 40 6 90

1206 **COPYING PENCILS.**
New page dated March 1, 1905.
No. 73B .....per gross $6 60

OIL CHECKING CRAYONS.
Nos. 143, 144 and 145 .....per gross $3 60

RUBBER ERASERS.
Nos. 12 to 40—Pencil.....per pound $1 45
Nos. 60 and 120—Pencil ..... " Erase
No. 1—Typewriter .....per gross erase
No. 2—Typewriter ..... " erase
No. 3—Combination ..... " erase
No. 4—Circular ..... " 5 90

BLACKBOARD ERASERS.
No. 1 .....per gross $4 50

1207 **SLATE PENCILS.**
No. 9 .....per box $0 28
No. 10 ..... " 25

CHALK CRAYONS.
Nos. 6 85 84
Per gross $0 12 85 1 20

METAL WORKERS' PENCILS.
No. 3 .....per gross, $2 40

METAL WORKERS' CRAYONS.
No. 4 .....per gross $2 40

RAILROAD CRAYONS.
No. 56 .....per gross $2 40
No. 60 ..... " 4 50

MARKING PENCILS.
No. 1 .....per gross $2 15

LUMBER CRAYONS.
No. 260, 261 and 262.....per gross $6.00
Nos. 160 and 161 .....Erase

LUMBER PENCILS.
Nos. 361 and 365.....per gross $7 20
Nos. 520 and 521..... " 10 80

1208 **PEN HOLDERS.**
Nos. ..... 626 1883&1884 294
Per gross..$0 95 4 20 Per dozen cards $6 50
Nos. 300 200 100
Per box ..... Erase Erase Erase

1209 **MILLER BROS.' STEEL PENS.**
New page dated Oct. 1, 1906.
All numbers .....per gross $0 60

GOLD PENS IN CASES.
Nos. 246 242 40
Per dozen $11 50 14 40 34 50

1210 **JOHN HOLLAND FOUNTAIN PENS.**
New page dated Oct. 1, 1906.
Nos. 2 3 4 5
Each $1 45 1 80 2 15 2 50

Page

1211 **INKS.**
Nos. 91 to 493 .....discount 20 per cent.
Nos. 58 57 97 530
Per gross $5 40 5 40 6 00 6 00

1212 **FOUNTAIN PEN INK.**
Nos. 468 464 466
Per gross ....$6 00 Per dozen $1 60 2 40

MUCILAGE.
Nos. 907 906 904 901 902
Gross $5 70 5 70 10 80 Per dozen 5 70 3 30

PASTE.
Nos. 846 844 839 838
Per gross ..$5 15 Per dozen $0 95 2 60 3 50

1213 **LOOSE LEAF LEDGERS.**
New page dated March 1, 1906.
No. 75 .....each $7 45
No. 76 ..... " 8 60
Extra pages .....per M 9 20

DOUBLE ENTRY LEDGERS.
Nos. 180 181 182 222½ 223½ 224½
Each .. $2 00 2 30 2 45 2 10 2 30 2 60
Nos. 190 191 192 240 241 242
Each .....$3 60 3 90 4 55 erase erase erase

JOURNALS.
Nos. 180½ 181½ 182½ 225 226 227
Each $2 00 2 20 2 45 2 10 2 30 2 60
Nos. 190½ 191½ 192½ 240½ 241½ 242½
Each ...$3 35 3 60 4 30 erase erase erase

1214 **DOUBLE ENTRY LEDGERS.**
New page dated March 1, 1906.
Erase entire page.

1215 **DOUBLE ENTRY LEDGERS.**
New page dated March 1, 1906.
Nos. 980 981 982 983
Each $0 50 60 80 85

SINGLE ENTRY LEDGERS.
Nos. 280 281 282 290 291 292
Each $2 00 2 30 2 60 3 60 3 90 4 55

JOURNALS.
Nos. 980½ 981½ 982½ 983½
Each $0 50 60 80 85

POUND'S MERCHANTS' BILL BOOKS.
No. 100 .....each $1 90

1216 **AUTOMATIC BINDERS.**
New page dated March 1, 1906.
No. 4 ..... each $1 75

INVOICE BOOKS.
Nos. 202 208 15 19 20
Each $1 25 2 70 90 1 10 1 65

CASH BOOKS.
Nos. 560 561 562
Each $0 75 90 1 15

DAY AND COUNTER BOOKS.
Nos. 893½ 891 893 926
Per dozen $5 75 2 90 5 75 60

1217 **POCKET PRICE BOOKS.**
New page dated March 1, 1906.
Nos. 5 10
Each $2 10 3 30
Extra pages for No. 5.....per 100 $0 50
Extra pages for No. 10..... " 90
No. 3—Order Books .....per dozen $0 70
No. 03—Order Books ..... " 3 00

IMPRESSION BOOKS.
Nos. 402 403 404 462 463 464
Each $1 20 1 40 1 60 1 45 1 80 2 15

LETTER PRESSES.
Nos. 4 5 14 15
Each $5 10 6 00 6 60 8 10

1218 **LETTER FILES.**
New page dated March 1, 1906.
Nos. 4E 6E 4A 6A
Per dozen $4 30 4 30 8 90 8 90
No. 1—Extra Perforators.....per dozen $2 70
No. 2—Extra Indexes..... " 50
No. 3—Extra Protection Covers " 1 70

Every order received will be billed at the lowest market rates regardless of the prices printed in this catalogue.

Page

TRANSFER CASES.

No. 4 .....per dozen $3 30
No. 6 ..... " 3 60

WIRE PAPER FILES.

No. 636 .....per gross $3 50
No. 2 .....per dozen 65
No. 10 ..... " 65

PAPER CLIPS.

No. 1 .....per dozen $1 05

CARD AND PICTURE HOLDERS.

Nos.	8	2	1
Per dozen	$0 65	90	1 05

1210 **WIRE OFFICE BASKETS.**

Entire page .....discount 40-5 per cent.

1220 **BLANK SHIPPING TAGS.**

Nos.	1	2	3	4	5	6	7	8
Per M	$0 30	35	40	50	60	Erase	Erase	Erase

Stringing .....extra per M $0 50

PRINTED SHIPPING TAGS.

Nos.	5A	5B	5C
Per M	$2 40	2 40	2 10

STRING TAGS.

Nos.	330	373	363	343	342
Per M	$0 50	35	40	50	55
Nos.	340	339	337	336	
Per M	$0 60	75	90	1 10	

METAL EDGE STRING TAGS.

Nos.	10	11	12	13
Per M	$1 35	1 80	2 20	2 70
Nos.	20	21	22	23
Per M	$1 35	1 80	2 20	2 70

1221 **GUMMED LABELS.**

Nos. 237, 249, 225, 217, 212 and 205, per carton $0 75

PAPER FASTENERS.

Nos.	21F	22F	23F	24F	25F	26F	27F
Per M	$0 70	80	1 10	1 25	4 50	5 40	9 00
Nos.	21R	22R	23R	24R	25R	26R	27R
Per M	$0 90	1 10	1 45	1 80	6 40	7 20	10 80

THUMB TACKS.

Nos.			1	2	3
Per 100			$0 30	40	53
Nos.	4	5	6	7	8	9
Per gross	$0 75	80	1 00	erase	erase	erase

1222 **RUBBER BANDS.**
Retail Assortments.

Please erase Nos. 400 to 200, inclusive, from Catalogue, and substitute the following:

No. 1 contains 1¼ in. thread, 1-16x2, ⅛x1½, ⅛x2½, ¼x2 and ¼x3 in., per dozen boxes $20 85

No. 2 contains 1-16x2, 3-32x1¼, ⅛x1½, ⅛x3, ⅛x2, ⅛x2½, ⅛x3, ⅜x2, ⅜x2½ and ½x2½ in., per dozen boxes 11 70

No. 3 contains 1-16x2, 3-32x1¼, ⅛x2, ⅛x2, ¼x2½ and ½x2½ in.; per doz. boxes. 8 05

No. 4 contains 1-16x2, ⅛x2, ⅛x3, ¼x2, ⅜x2½ in.; per dozen boxes 3 85

No. 5 contains ⅞ and 1½ in. thread, per dozen boxes 1 50

Assorted Boxes.

Nos.	104	105	106
Per gross	$1 50	2 25	2 70

Packages.

Nos.	017	018	019	020	021
Per gross	$5 85	6 35	11 75	14 70	17 65

Thread.

Nos.	8	9	10	11	12	13
Dz. bxs.	$1 70	1 85	2 25	2 45	2 45	2 70
Nos.	14	15	16	17	18	19
Dz. bxs.	$3 18	3 35	3 90	4 40	4 90	5 40

¼ lb. boxes .....per pound $4 30

Heavy.

Nos.	27	28	29	30	31	32
Per gross	$0 50	60	65	65	80	85
Nos.	33	01	02	03	04	05
Per gross	$0 95	95	1 20	1 45	1 70	1 70
Nos.	06	07	08	09	010	011
Per gross	$1 85	2 20	2 45	1 85	2 45	2 95
Nos.	012	013	014	015	016	
Per gross	$3 40	2 95	3 65	4 40	5 10	

¼ lb. boxes.....per pound $4 35

1223 **HARDWARE PRICE CARDS.**

Erase all numbers from Catalogue.

Remember that these prices are only approximate and are higher than those ruling at the date of issue.

Page

1224 **REESE'S ADJUSTABLE STENCILS.**

Discount .....20 per cent.

LETTERS OR FIGURES IN BULK.

Inches	½	¾	1	1½	2	2½
Per 100	$1 80	2 10	2 40	3 00	4 50	6 60

STENCILS IN FONTS.

Discount .....20 per cent.

STEEL LOG STAMPS.

Inches	¾	1	1¼	1½
Per letter	$ .90	1 25	1 50	1 80
Borders	$1 25	1 25	1 50	1 80

Additional for Steel Forging.....per pound $0 60

1225 **STANDARD LETTERS AND FIGURES.**

Inches	1-16	⅛	3-16	¼	5-16	⅜
List	Erase	1 80	2 16	2 40	Erase	4 20
No. 100, per dozen	Erase	43	57	72	Erase	1 15

STANDARD LETTERS IN SETS.

Inches	1-16	⅛	3-16	¼	5-16	⅜
List	$2 75	2 75	3 75	4 50	5 25	7 50
No. 100, per set	$.90	.90	1.25	1.50	1.85	2.52

STANDARD FIGURES IN SETS.

Inches	1-16	⅛	3-16	¼	5-16	⅜
List	$0 90	90	1 25	1 50	1 75	2 50
No. 100, per set	$.30	.30	.41	.48	.66	.80

CHICAGO STEEL LETTERS AND FIGURES.

No. 110.....Discount 30-5 per cent.

No. 100—Standard Machine Made Letters and figures are put up in packages. No. 110 in wood blocks, as shown in Catalogue.

HAND MADE STEEL FIGURES AND LETTERS.

No. 120 .....net list

STEEL STAMPS.

Nos. 130 and 140 .....net list

BURNING BRANDS.

Letters 1 to 8, ¼, ⅜ and ½ in...Discount 20 per cent
Letters 1 to 8, ¾, 1 and 1¼ in.....Net list.
Letters 9 to 15, ¼, ⅜, ½, ¾, 1 and 1¼ in.... ..... Net list.

We can furnish Curved Brands only in ¾, 1 and 1¼ in. at the above prices.

SEPARATE LETTERS OR FIGURES.

Inches ¼ to ½.....Discount 20 per cent
Inches ¾ to 1¼.....Net list.

1227 **SPRING AND ICE BALANCES.**

New page dated March 1, 1909.

SPRING.

Nos.	50	51	52	81	84
Per dozen	$0 95	1 90	2 40	3 00	6 00
Nos.	70	71	120	121	
Per dozen	$2 70	5 10	39 60	49 20	

SPRING AND ICE.

Nos.	50P	100P	150P	210P	500
Per dozen	$5 10	15 30	19 20	26 80	4 80
Nos.	550	302	150	200	300	400
Per dozen	$4 80	32 40	38 40	40 30	42 30	44 10

1228 **BUTCHERS' BALANCES.**

New page dated March 1, 1909

PELOUZE'S.

Nos.	225	225C	225S
Each	$2 65	2 80	2 90

HANSON'S.

No. 16 .....each $1 50

FRARY'S.

Nos.	127	0141	0030P	0060P
Each	$4 30	6 30	7 80	8 60

1229 **PELOUZE SCALES.**

New page dated March 1, 1909.

FAMILY.

Nos.	E90	T90	T95	90½	92½
Each	$0 95	1 00	1 20	1 15	1 30

CONFECTIONERY.

Nos.	82P	84P	04½	T690
Each	$2 40	3 20	2 40	1 45
Nos.	B690	6C	30N	
Each	$1 80	2 40	3 30	

1230 **PELOUZE SCALES.**

New page dated March 1, 1909.

Nos.	T18	T88	B39	B96	B40
Each	$2 65	2 75	3 30	3 95	4 50
Nos.	97	18½	86	80	
Each	$4 50	2 40	3 00	2 30	

1231 **SCALES.**

New page dated March 1, 1909.

Nos.	60	62	77	76	74
Each	$0 80	1 15	2 00	2 40	1 60
Nos.	78	91	93	61	618
Each	$2 00	3 00	4 00	1 80	2 40

Page

1232 **SCALES, STEELYARDS AND SCALE BEAMS.**

New page dated March 1, 1909.

Nos.	161	01	42	82S	82	06	11
Each	$0 75	2 00	1 30	2 40	1 80	2 60	2 40
Nos.	2	1	7	3	33	43	C510
Each	$2 80	2 80	3 10	4 45	10 20	10 50	15 60

STEELYARDS.

American.

Pounds	50	100
Per dozen	$5 20	6 05

H. S. B. & Co.'s.

Pounds	50	100	150	200	250	300
Per dozen	$3 75	3 65	10 40	12 95	15 55	18 15

SCALE BEAMS.

Pounds	150	200	250	300	400	500	600
Each	$1 15	1 20	1 45	1 60	2 20	2 65	3 05

1233 **FAIRBANKS' STANDARD SCALES.**

New page dated March 1, 1909.
Nos. 605 to 506.....discount 30 per cent.
Nos. 708 to 511..... " 30 per cent.

GROCERS' TRIP.

No. 737A .....each $33 00
No. 738A ..... " 24 30

INVINCIBLE GROCERS'.

Discount .....30 per cent.

1234 **SCALES.**

New page dated March 1, 1909.

"REV-O-NOC" PORTABLE PLATFORM.

Nos.	6	8	10	12
Each	$11 40	12 30	13 50	15 60

PORTABLE PLATFORM.

No. M106 .....each $8 10
No. M108 ..... " 9 00

EXTRA WEIGHTS.

Pounds 50 100 200
Each $0 24 24 28
Pounds 400 500 600 800 1000
Single beam, ea. $12 20 12 95 15 80 18 65 21 55
Pounds 1200 1600 2000 2500
Single beam, each..$23 70 28 75 38 80 43 10
Pounds 400 500 600 800 1000
Double beam, ea.$14 35 15 10 17 95 20 85 23 40
Pounds 1200 1600 2000 2500
Double beam, each..$25 85 31 60 41 65 46 00
Pounds 1000 1200 1600 2000 2500
Single beam.
Drop lever, each $23 00 25 85 31 60 38 80 43 10
Double beam.
Drop lever, each $25 90 28 80 35 45 45 95 50 35

CHICAGO HAY OR WAGON SCALES.

Tons	2	3	4
Feet	6x12	7x13	8x14
Single beam	each $43 20	54 00	56 12
Tons	5	6	
Feet	8x14	8x16	8x22
Single beam	each $70 20	84 25	102 95
Tons	2	3	4
Feet	6x12	7x13	8x14
Double beam	each $48 60	59 40	60 85
Tons	5	6	6
Feet	8x14	8x16	8x22
Double beam	each $74 90	91 70	110 45
Tons	2	3	4
Feet	6x12	7x13	8x14
Combination beam	each $54 00	64 00	65 50
Tons	5	6	6
Feet	8x14	8x16	8x22
Combination beam	each $84 25	102 95	121 70

1235 **WAGON SCALES.**

New page dated March 1, 1909.

Entire Page F. O. B. Detroit, Mich.

Nos.	104	105	203	204
Each	$63 90	67 20	43 20	46 80
Nos.	183	184	185	
Double Beam	each $43 20	46 50	50 40	
Triple Beam	"	46 80	50 10	54 00
Nos.	186	188	310	
Double Beam	each $57 00	63 60	76 80	
Triple Beam	"	60 60	67 20	80 40

1236 **FAIRBANKS' STANDARD SCALES.**

New page dated March 1, 1909.

PORTABLE PLATFORM.

Nos. 1130 to 1166.....discount 30 per cent.

DORMANT WAREHOUSE.

Nos. 1050 to 1046.....discount 30 per cent.
Nos. 2116 to 1807.....discount 40 per cent

Because a few articles figure a certain per cent. above the market prices, it should not be inferred that this is true in all cases.

Page 1237

DISPLAY CASES.

New page dated March 1, 1909.

Entire page .....discount 40 per cent.

Page 1238

DISPLAY CASES.

New page dated March 1, 1909.

Entire page .....discount 50 per cent.

Page 1239

DISPLAY CASES.

New page dated March 1, 1909.

Entire page .....discount 50 per cent.

Page 1240

SHOW CASES.

New page dated March 1, 1909.

Entire page .....discount 5 per cent.

Page 1241

WARREN HARDWARE CABINETS AND BASES.

New page dated Oct. 1, 1909.

Entire page.....discount 10 per cent

Page 1242

WARREN HARDWARE CABINETS.

New page dated Oct. 1, 1909.

Entire page.....discount 10 per cent

Page 1243

WARREN HARDWARE CABINETS AND BASES.

New page dated Oct. 1, 1909.

Entire page.....discount 10 per cent

Page 1244

WARREN HARDWARE CABINETS AND BASES.

New page dated Oct. 1, 1909.

Entire page.....discount 10 per cent

Page 1245

WARREN PATENT GLASS FRONT CABINETS.

New page dated Oct. 1, 1909.

Entire page.....discount 10 per cent

Page 1246

WARREN PATENT GLASS FRONT CABINETS.

New page dated Oct. 1, 1909.

Entire page.....discount 10 per cent

Page 1247

WARREN ANTIQUE OAK PATENT. GLASS DRAWER CABINETS.

New page dated Oct. 1, 1909.

Entire page.....discount 10 per cent

Page 1248

WARREN OAK HARDWARE AND BOLT CABINETS.

New page dated Oct. 1, 1909.

Entire page.....discount 10 per cent

Page 1249

WARREN SCREW CABINETS.

New page dated Oct. 1, 1909.

Entire page.....discount 10 per cent

Page 1250

WARREN NAIL BIN COUNTERS.

New page dated Oct. 1, 1909.

Entire page.....discount 10 per cent

Page 1252A

RIVERSIDE HARDWARE CABINETS.

Write for prices.

Page 1252B

RIVERSIDE HARDWARE CABINETS.

Write for prices.

Page 1252C

RIVERSIDE HARDWARE CABINETS.

Write for prices.

On page 1252C change No. 70 Riverside Hardware Cabinets to read No. 7-64 drawer, etc. List $56.25.

Page 1252D

RIVERSIDE HARDWARE CABINETS.

Write for prices.

Page 1252E

RIVERSIDE HARDWARE CABINETS.

Write for prices.

Page 1252F

RIVERSIDE HARDWARE CABINETS.

Write for prices.

Page 1253

H. S. B. & CO.'S SCREW CASES.

No. 150 .....each $10 35
No. 210 ..... " 14 40

SENSIBLE AXE RACKS.

No. 10 .....each $2 85

Page 1254

MEYERS' STORE LADDERS.

Ladders .....each $11 20
Track .....per foot 17

Page 1255

MILBRADT'S STORE LADDERS.

New page dated March 1, 1907.

F. O. B. St. Louis, Mo.

Nos.	1	2	10	15
Each	$12 65	12 65	12 65	11 50

Steel Track, regular .....per foot $0 23
Steel Track, extra strong ..... " 30
Steel track for No. 15..... " 25
Hardwood Track for No. 2..... " 18
Hardwood Track for No. 10..... " 12

Page 1256

FIRE EXTINGUISHERS.

New page dated Oct. 1, 1907.

No. 10—H. S. B. & Co.'s.....each $8 20
No. 15 ..... " 10 00

HARDEN HAND GRENADES.

Nos. 4 and 7 .....per dozen $6 60

Page 1301

BUCKLES.

New page dated March 1, 1909.

WROUGHT ROLLER, BENT HEEL.

Sizes, in.	½	⅝	¾	⅞	1	1⅛
No. 40 .....per gross	$0 40	50	60	75	95	
Sizes, in.	1¼	1½	1¾	2		
No. 40 .....per gross	$1 10	1 35	1 55	2 00		

BARREL ROLLER.

Sizes, in.	½	⅝	¾	⅞	1	
No. 50 .....per gross	$0 50	52	60	80	90	
No. 55 ..... "		55	65	80	90	1 05
Sizes, in.	1⅛	1¼	1½	1¾		
No. 50 .....per gross	$1 05	1 25	1 50	1 90		
No. 55 ..... "	1 25	1 50	1 90	2 30		
Sizes, in.	2	2¼	2½			
No. 50 .....per gross	$2 30	2 65	3 05			
No. 55 ..... "		2 65	3 05	3 45		

BARREL ROLLER, HEAVY PATTERN.

Sizes, in.	¾	⅞	1	1⅛
No. 60 .....per gross	$0 80	90	1 10	1 40
Sizes, in.	1¼	1½	1¾	
No. 60 .....per gross	$1 55	1 95	2 35	
Sizes, in.	2	2¼	2½	
No. 60 .....per gross	$2 75	3 50	3 80	

LOOSE ROLLER, WIRE PATTERN.

Sizes, in.	½	⅝	¾	⅞
No. 20 .....per gross	$0 85	95	1 25	1 50
No. 22 ..... "		85	95	1 25	1 50
Sizes, in.	1	1⅛	1¼	1½
No. 20 .....per gross	$1 75	2 35	2 80	3 80
No. 22 ..... "	1 75	2 35	2 80	3 80

NICKEL ON COMPOSITION AND SOLID BRASS.

Sizes, in.	½	⅝	¾	⅞
No. 24 .....per gross	$1 50	2 05	2 65	3 55
No. 26 ..... "	1 50	2 05	2 65	3 55
Sizes, in.	1	1⅛	1¼	1½
No. 24 .....per gross	$4 20	5 45	6 90	9 25
No. 26 ..... "	4 20	5 45	6 90	9 25

SHAM ROLLER, WIRE PATTERN.

No. 3707 .....per gross $9 20
No. 3708 ..... " 9 20

PLAIN SENSIBLE.

Sizes, in.	½	⅝	¾	⅞
No. 84 .....per gross	$1 05	1 30	1 90	2 45
Sizes, in.	1	1⅛	1¼	1½
No. 84 .....per gross	$3 30	4 30	5 85	7 65

WIRE, BENT HEEL.

Sizes, in.	⅜	½	⅝	¾	⅞
No. 70 per gross $		50	60	75	95
No. 72 "		55	65	85	1 10
No. 74 "		60	85	95	1 25
No. 75 "		60	85	95	1 25
No. 76 "	95	95	1 30	1 75	2 40
No. 78 "	95	95	1 30	1 75	2 40
Sizes, in.	1	1⅛	1¼	1½	
No. 70 ....per gross	$1 20	1 45	1 80	2 45	
No. 72 .... "	1 45	1 80	2 45	3 00	
No. 74 .... "	1 75	2 15	2 90	3 60	
No. 75 .... "	1 75	2 15	2 90	3 60	
No. 76 .... "	3 05	4 20	5 25	7 20	
No. 78 .... "	3 05	4 20	5 25	7 20	

BRIDLE AND HARNESS.

Sizes, in.	⅜	½	⅝	¾
No. 3 .....per gross	$1 65	1 65	1 80	
No. 8 ..... "		1 80	1 95	2 30
Sizes, in.	⅞	1	1⅛	1¼
No. 8 .....per gross	$2 65	3 00	3 60	4 15

Page 1302

BUCKLES.

New page dated March 1, 1909.

Nos.	1703	1704	1705	1706
Per gross	$5 50	5 50	6 45	6 45
Nos.	2704	2705	2706	2707	2708
Per gross	$5 50	6 45	6 45	7 35	7 35

ENGLISH WIRE BUCKLES.

Inches	½	⅝	¾	⅞
No. 96 and 98..per gross	$0 90	1 20	1 65	2 30
Inches	1	1⅛	1¼	1½
No. 96 and 98..per gross	$3 01	4 05	5 00	6 95

ENGLISH SIDE SWEDGE BUCKLES.

Inches	½	⅝	¾	⅞
No. 88 and 90..per gross	$1 40	1 75	2 30	3 20
Inches	1	1⅛	1¼	1½
No. 88 and 90..per gross	$4 05	5 05	6 70	9 25

LOOP IMITATION ROLLER BUCKLES.

Inches	½	⅝	¾	⅞
No. 140.....per gross	$0 55	70	90	1 15
No. 142..... "		60	80	1 05	1 38
Inches	1	1⅛	1¼	1½
No. 140.....per gross	$1 40	1 70	2 10	2 80
No. 142..... "	1 60	1 98	2 45	3 15

Page

LOOP ROLLER BUCKLES.

Inches	½	⅝	¾	⅞
No. 150.....per gross	$0 65	75	95	1 25
No. 152..... "		75	90	1 20	1 40
Inches	1	1⅛	1¼	1½
No. 150.....per gross	$1 45	1 75	2 10	2 80
No. 152..... "	1 75	2 10	2 55	3 15

KANGAROO BRIDLE BUCKLES.

Inches	½	⅝	¾	⅞	1	1⅛	1¼
No. 182 per gr.	$0 55	75	90	1 15	1 40	1 60	1 90

SKATE BUCKLES.

Inches	½	⅝	¾	⅞	1
No. 190.....per gross	$0 50	60	70	85	1 00
No. 192..... "		55	70	80	95	1 15
Inches	1⅛	1¼	1½	1¾	
No. 190.....per gross	$1 40	1 55	1 95	2 30	
No. 192..... "	1 45	1 80	2 25	2 75	

BAG STRAP OR TOOL BAG BUCKLES.

Inches	⅜	½	⅝	¾	⅞	1
No. 200..per gross	$0 45	45	50	60	75	85
No. 202.. "		50	50	55	70	90	1 00
No. 204.. "		55	55	65	80	95	1 15

FLY NET OR HOUSING BUCKLES.

No. 220 .....per gross $0 45

WARNER LOOP BUCKLES.

Inches	½	⅝	¾	⅞
No. 160.....per gross	$1 50	1 60	1 75	2 00
Inches	1	1⅛	1¼
No. 160.....per gross	$2 25	2 60	3 10

Page 1303

BUCKLES.

New page dated March 1, 1909.

CONWAY BUCKLES.

Inches	⅜	½	⅝
Nos. 210 & 212.....per gross	$0 80	85	95
Inches	¾	⅞	1
Nos. 210 & 212.....per gross	$1 15	1 30	1 60

GRIFFITH GIRTH BUCKLES.

Inches	⅞	1
No. 1159 .....per gross	$1 75	2 20
Nos. 2159, 3159, 4159..... "	2 00	2 40
Nos. 4707 and 4708.....per gross	$19 30	

HAME STRAP ATTACHMENTS.

No. 2207 .....per gross $2 55
No. 2208 ..... " 2 75

CINCHA BUCKLES.

No. 195 .....per gross $20 70

EXPRESS SHAFT TUG BUCKLES.

Inches	1¼	1½
Nos. 800 & 802.....per gross	$21 55	27 60
Nos. 810 & 812..... "	25 85	30 20
Nos. 820 & 822..... "	21 55	27 60

BUGGY SHAFT TUG BUCKLES.

No. 543—⅞ in.....per gross $ 6 60
No. 543—1 in. ..... " 7 50
No. 5707 ..... " 27 60
No. 5708 ..... " 30 35

TRACE BUCKLES.

Inches	⅞	1	1⅛	1¼
No. 400.....per gross $				3 15
No. 420..... "				3 75
No. 500..... "	1 90	2 35	2 90	3 50
No. 502..... "	2 35	2 80	3 25	3 95
Nos. 504 & 505 "	2 90	3 35	3 75	5 00
Nos. 506 & 508 "	4 40	5 90	7 30	9 15
No. 536..... "	4 65	6 10	7 70	9 50
Inches	1⅜	1½	1¾	2
No. 400.....per gross $		3 75	4 20	
No. 420..... "		3 95	4 20	4 65
No. 500..... "		4 65		
No. 502..... "		5 80		
Nos. 504 & 505 "	6 95	7 05		
Nos. 506 & 508 "	11 15	13 15		
No. 536..... "	12 10	14 15	27 30	

Page 1304

BUCKLES.

New page dated March 1, 1909.

TRACE BUCKLES.

Inches	⅞	1	1⅛	1¼	1½
No. 540.per gr.	$7 95	9 00	9 95	13 20	18 80

GENUINE RUBBER TRACE BUCKLES.

Nos.	6708	6711	6712	6714
Per gross	$30 35	35 85	35 85	41 40
Nos.	6908	6911	6912
Per gross	$57 90	63 45	63 45

ENGLISH WIRE TRACE BUCKLES.

Inches	⅞	1	1⅛
Nos. 550 & 555.....per gross	$4 45	5 85	7 30
Inches	1¼	1⅜	1½
Nos. 550 & 555....per gross	$9 15	11 15	13 15

(Continued on Next Page.)

Every order received will be billed at the lowest market rates regardless of the prices printed in this catalogue.

Page

ENGLISH SIDE SWEDGE TRACE BUCKLES.

Inches	⅞	1	1⅛
Nos. 570 & 575....per gross	$6 10	8 10	10 10
Inches	1¼	1⅜	1½
Nos. 570 & 575..per gross	$12 55	15 20	19 25

CHAMPION TRACE BUCKLES.

Inches	1¼	1½	1¾	2
No. 600.....per gross	$5 05	5 95	6 90	
No. 602..... "	5 95	6 90	7 80	
Nos. 604 & 606 "		12 00	12 90	
No. 608..... "		27 60	31 00	
No. 610..... "		7 20	8 35	9 95
No. 612..... "		8 35	9 35	11 85

DOUBLE GRIP TRACE BUCKLES.

Inches	1½	1¾	2
No. 620.....per gross	$ 8 40	9 75	12 90
No. 622..... "	9 75	11 20	14 00
No. 632..... "	16 35	18 10	21 75

CHAMPION TRACE BUCKLES, NO LOOP.

Inches	1¼	1½	1¾
No. 651.....per gross	$ 4 45	5 05	5 50
No. 653..... "	5 05	5 50	6 45
No. 655..... "	9 50	10 35	
No. 657..... "	9 50	10 35	
No. 659..... "	17 25	20 60	24 05

CHAMPION TRACE BUCKLE FRAMES.

Inches	1¼	1½	1¾
No. 680.....per gross	$3 90	4 65	5 15
No. 682..... "	4 40	5 15	6 00
No. 690..... "	3 60	4 15	5 15
No. 692..... "	4 15	5 15	5 70

CHAMPION TRACE BUCKLE BAILS.

Inches	1¼	1½	1¾
No. 670.....per gross	$4 15	4 55	5 60
No. 672..... "	4 35	4 95	5 15

PAD SKIRT BUCKLES.

Nos. 350 & 351.....per gross $12 40

1305 **BUCKLES AND SNAPS.**

New page dated March 1, 1909.

BELT BUCKLES.

Nos.	700	702	710	715
Per gross	$2 00	2 10	3 05	5 00
Nos.	720	725	730	735
Per gross	$6 15	6 90	6 15	6 90

GERMAN SNAPS.

Nos.	30	31	32	33	34
Per gross	$1 75	1 75	1 75	1 75	2 00
Nos.	35	36	37	38	
Per gross	$3 15	4 05	5 20	5 95	

FLAT SPRING SNAPS.

Nos.	125	150	250	275
Per gross	$2 60	2 60	2 60	3 70
Nos.	350	450	550	650
Per gross	$4 40	4 90	5 40	7 60
Nos.	1125	1150	1250	1350 1450
Per gross	$2 60	2 60	4 40	4 90

CLIPPER SNAPS.

Nos.	00	01	02	03	04
Per gross	$2 85	2 85	2 85	2 85	3 95
Nos.	05	06	07	08	
Per gross	$4 60	5 05	5 75	6 70	

NATIONAL SNAPS.

Nos.	51	52	53	54
Per gross	$3 10	3 10	3 10	3 10
Nos.	56	57	58	59
Per gross	$3 10	4 25	4 95	5 45

BRISTOL SNAPS.

Nos.	216	217	218	219	220	221
Per gross	$7 75	7 75	7 75	10 70	12 30	13 60
Nos.	316	317	318	319	320	321
Per gross	$7 75	7 75	7 75	10 70	12 30	13 60

BOLT SNAPS.

Nos.	500	501	502	503
Per gross	$2 80	2 80	2 80	2 80
Nos.	504	505	506	507 508
Per gross	$3 90	4 60	5 20	5 65 6 30

1306 **SNAPS.**

New page dated March 1, 1909.

Nos.	717	718	719	722	724	726
Per gross	$4 30	4 30	4 90	5 05	6 50	7 50
Nos.	590	595	421	615	616	617
Per gross	$5 15	5 15	2 60	5 15	5 15	5 15
Nos.	419	420	451	452	618	619
Per gross	$1 30	1 30	1 60	2 05	2 90	2 90
Nos.	620	050	516	430	431	85
Per gross	$2 90	2 80	3 40	3 20	3 80	4 65
Nos.	90	555	556	557	558	
Per gross	$5 45	4 65	5 20	5 75	8 95	
Nos.	50	40	9	10	520	
Per gross	$5 10	5 80	7 10	11 15	3 40	
Nos.	521	522	48	5X		
Per gross	$4 00	6 10	7 60	24 15		
Nos.	510	511	512	855		
Per gross	$5 80	7 00	8 75	11 60		

The purpose of this book is to give an "idea" of actual values.

Page

1307 **SNAPS AND SUNDRIES.**

New page dated March 1, 1909.

ROLLER SNAPS.

Nos.	92	93	94	235
Per gross	$13 80	15 15	16 25	17 20
Nos.	237	100	101	102
Per gross	$19 90	15 85	17 20	18 65
Nos.	103	104	850	845 849 97
Per gross	$20 00	25 85	34 50	7 75 9 50 23 75
Nos.	98	24	25	26 27 28
Per gross	$25 85	20 70	22 40	24 15 25 85 27 60

SNAPS AND THIMBLES.

No. 62	per gross	$10 60
No. 282	"	7 85
No. 64	"	4 35

ROPE FASTENERS.

For rope, in.	½	⅝	¾
Per gross	$2 60	3 70	4 60

BREAST STRAP SLIDES AND SNAPS.

Nos.	31	32	33	50	51
Per gross	$17 25	18 65	19 00	4 15	4 90
Nos.	54	55	56	57	60 61
Per gross	$4 90	4 90	5 65	10 15	5 30 7 30

1308 **HARNESS BREECHING AND LARIAT RINGS.**

New page dated March 1, 1909.

HARNESS.

Nos.	24H	25H	26H	27H	28H	31H	32H	34H
Per gr.	$0 30	30	35	35	50	55	65	35
Nos.	35H	36H	37H	38H	41H	42H	44H	45H
Per gr.	$0 35	45	50	63	70	80	40	40
Nos.	46H	47H	48H	51H	54H	55H	56H	57H
Per gr.	$0 50	65	75	85	42	42	50	65
Nos.	58H	61H	64H	65H				
Per gross	$0 75	85	1 55	1 90				
Nos.	66H	67H	68H	71H				
Per gross	$2 30	2 80	3 50	4 25				
Nos.	74H	75H	76H	77H				
Per gross	$1 55	1 90	2 30	2 80				
Nos.	78H	81H	706	707	708			
Per gross	$3 50	4 25	6 00	6 00	6 90			

BREECHING.

Nos.	114W	116W	120W	122W
Per gross	$1 10	1 20	1 45	1 55
Nos.	124W	126W	130W	
Per gross	$1 65	1 90	2 40	
Nos.	214	216	220	222 224 226
Per gross	$2 30	1 40	1 55	2 10 2 20 2 35
Nos.	230	312	314	316 320 322 321
Per gross	$2 75	75	1 30	1 45 2 10 2 30 2 70
Nos.	323	324	326	330 412 414
Per gross	$3 15	3 45	3 65	3 85 95 1 60
Nos.	416	420	422	424 426 430
Per gross	$1 80	2 57	2 81	4 27 4 45 4 75
Nos.	512	513	514	516 520 612
Per gross	$1 30	1 75	1 95	2 80 3 10 1 30
Nos.	613	614	616	620 812 813
Per gross	$1 75	1 95	2 80	3 10 5 20 6 60
Nos.	814	816	820	822 824 830
Per gross	$7 60	9 45	11 25	15 05 18 80 21 95
Nos.	912	913	914	916 920 922
Per gr.	$5 15	6 60	7 60	9 45 11 25 15 05
Nos.	924	930	712	713 714
Per doz.	$18 80	21 95	12 40	13 80 13 80

HONDA OR LARIAT RINGS.

Nos.	358	1358	359	1359	360	1360
Per gross	$5 50	11 50	4 15	9 20	3 45	9 20

1309 **MARTINGALE AND TRIMMINGS RINGS.**

New page dated March 1, 1909.

MARTINGALE.

Nos.	0,10,20	1,11,21	2,12,22,32	3,13,23,33	5,15,25
Per gr.	$2 05	2 30	2 55	2 75	4 00
Nos.	40X	41	42	43	44 45 46
Per gross	$2 25	2 55	2 55	2 55	7 75 3 90 3 90
Nos.	47	48	180	181	
Per gross	$3 90	9 70	3 95	4 05	
Nos.	182	185	186	187	
Per gross	$4 25	3 95	4 05	4 25	
Nos.	190	191	192	195	119
Per gross	$3 95	4 05	4 25	4 85	7 25
Nos.	120	121	122	123	
Per gross	$9 00	12 10	15 00	18 05	
Nos.	124	125	126	129	
Per gross	$21 00	24 00	27 00	7 25	
Nos.	130	131	132	133	
Per gross	$9 00	12 10	15 00	18 05	
Nos.	134	135	136	139	
Per gross	$21 00	24 00	27 00	7 25	
Nos.	140	141	142	143	
Per gross	$9 00	12 10	15 00	18 05	
Nos.	144	145	146	149	
Per gross	$21 00	24 00	27 00	9 50	
Nos.	150	151	152	153	
Per gross	$11 85	15 85	19 80	23 75	
Nos.	154	155	156	159	
Per gross	$27 65	31 60	35 60	9 50	
Nos.	160	161	162		
Per gross	$11 85	15 85	19 80		
Nos.	163	164	165	166	
Per gross	$23 75	27 65	31 60	35 60	
Nos.	169	170	171		
Per gross	$9 50	11 85	15 85		
Nos.	172	173	174	175	
Per gross	$19 80	23 75	27 65	31 60	
Nos.	176	61X	30		
Per gross	$35 60	47 45	5 50		
Nos.	31	35	35T	40T	45T
Per gross	$8 50	6 10	2 75	2 75	2 75

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UNION AND LOOPED RINGS.

Nos.	3	4	5	8	90
Per string	$0 50	70	erase	65	erase

1310 **HAMES.**

New page dated March 1, 1909.

Nos.	81	82	85	119	76	10H
Pr. dz. pairs.	$10 95	17 95	7 80	7 80	7 80	3 70
Nos.	10M	12	50	70	75	77
Doz. prs.	$3 70	3 85	6 50	6 75	9 35	9 35
Nos.	220	224	226	228	230	
Per doz. pairs.	$5 06	5 75	5 60	6 10	6 45	
Nos.	250	262	270	271	284	
Pr. dz. pairs.	$5 57	8 40	12 25	15 80	16 80	

1311 **HAMES.**

New page dated March 1, 1909.

Nos.	300	304	306	404	405
Per doz. pairs.	$18 80	20 80	23 00	10 60	18 60
Nos.	5C	6C	701	766	761
Per doz. pairs.	$8 40	9 90	6 50	8 05	9 80
Nos.	222	232	5B	6B	8B
Per doz. pairs.	$6 35	7 40	9 10	9 35	10 05
Nos.	10B	12B	5BB	6BB	5BR
Per doz. pairs.	$12 10	16 00	11 50	11 85	10 80
Nos.	6BR	8BR	10BR	5BCL	6BCL
Per doz. pairs.	$11 20	11 85	13 95	9 80	10 25
Nos.	272	273	275	285	310
Per doz. pairs.	$11 45	17 20	19 60	18 15	19 10
Nos.	312	313	314	316	317
Per doz. pairs.	$19 65	21 85	21 85	22 60	24 60

1312 **HAMES.**

New page dated March 1, 1909.

Nos.	330	610	600	406	407
Per doz. pairs.	$30 35	33 15	42 80	11 60	19 60
Nos.	120	126	140	186	187 128
Per doz. pairs.	$5 30	5 80	9 10	6 90	9 30 7 10
Nos.	150	151	152	154	176
Per dozen pairs.	$9 35	9 80	10 50	12 55	16 85
Nos.	177	179	515	516	530
Per doz pairs.	$17 70	19 60	6 60	7 95	16 45
Nos.	550	574	576	562	565
Per doz. pairs.	$15 65	17 70	20 50	16 00	16 40

1313 **HAMES AND MISCELLANEOUS TRIMMINGS.**

New page dated March 1, 1909.

Nos.	800	802	810	811	817
Per dozen pairs	$4 30	5 15	6 55	6 55	5 70
Nos.	818	824	825	826	827
Per dozen pairs	$5 70	8 30	8 30	8 30	8 30
Nos.	830	831	850	852	860
Per dozen pairs	$12 95	12 95	21 50	21 50	14 50

BREAST COLLAR IRONS.

Nos.	950	952	954	956	958
Per dozen pairs	$11 00	13 20	16 55	16 55	33 10

REPAIR TERRETS.

Nos.	40	41	42	43	44
Per dozen	$0 45	45	75	75	1 20
Nos.	50	51	52	53	54
Per dozen	$0 45	45	75	75	1 20

HAME LINE RINGS AND STUDS.

Nos.	500	504	520	525	532
Per dozen	$0 25	35	30	1 60	70

BACK STRAP RINGS AND STUDS.

No. 550	per dozen	$0 16
No. 560	"	16

HAME BREAST RINGS AND STUDS.

No. 570.....per dozen $0 30

1314 **HAME TRIMMINGS.**

New page dated March 1, 1909.

HOLD BACK PLATES AND RINGS.

No. 580	per dozen pairs	$1 05
No. 584	" "	1 30

CONCORD LINKS AND RINGS.

Nos.	590	614	604	642	622	630
Per dozen	$0 50	20	20	30	30	35

HAME BOLTS.

Nos. 6, 8, 10, 12.....per dozen $0 35

HAME STARTS.

Nos. 6P 8P 10P 12P 6T 8T 10T 12T
All numbers.....per dozen $0 40

HAME BOLT ROLLERS.

Nos. 6P 8P 10P 12P 6F 8F 10F 12F
All numbers.....per dozen $0 25

HAME TIPS.

Nos.	17	18	19	27	28	29
Per sing.dz.	$1 45	1 60	2 00	1 60	1 85	2 30
Nos.	37	38	39	47	48	49
Per sing.dz.	$2 30	2 35	2 75	2 35	2 35	3 00
Nos.	57	58	59	67	68	69 79
Per sing.dz.	$3 45	3 45	3 70	3 70	3 70	3 90 6 50

The discounts quoted are based on the lists printed in our catalogue. In a great many instances the goods are sold net and will be so billed.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

1314Q NECK YOKE CENTERS.

New page dated March 1, 1907.

Nos. ..	40	150	50	200	100	102 & 103
Doz. ..	$2 80	4 90	6 15	6 90	5 05	6 35

CARRIAGE KNOBS.

Nos.	3	2	55	20	24	475
Per gross	$0 35	35	40	70	70	2 00

KNOB EYELETS.

No. 2 .....per gross $0 35

CURTAIN STRAPS AND PATCHES.

No. 6—Fasteners .....per 100 $1 30
No. 4—Patches .....per gross $3 00
No. 5—Patches ..... " 4 75

1314R MISCELLANEOUS.

New page dated March 1, 1907.

BUCKLE LOOPS.

Nos.	1	2	3
Per 100	$2 30	2 00	2 00

No. 12—Curtain Lights .....per dozen $0 35
No. 15—Curtain Lights ..... " 45
No. 72—Buggy Top Prop Nuts...per gross 1 10
No. 80—Buggy Top Prop Nuts .. " 1 50
No. 22—Buggy Top Prop Washers.per 100 13
No. 1—Rubber Top Prop Blocks..each $0 20

UMBRELLAS.

Nos.	510	512	520	521	525
Each	$1 25	1 25	1 40	1 40	1 50
Nos.	530	535	536	550	551
Each	$1 75	1 80	1 80	4 20	4 20

No. 100—Umbrella Attachments..per doz. $3 45

PERFECT THIRD SEATS.

Nos.	50	55	60
Per dozen	$10 35	erase	erase

1315 HEEL CHAINS AND SUNDRIES.

New page dated March 1, 1909.

HAME FASTENERS.

Nos.	5	10	15
Per dozen	$2 90	2 00	2 30

KIDNEY LINKS AND RINGS.

Nos. 25 to 35.....per pair $0 35
Nos. 40 to 50..... " 40

HAME CHAINS.

Nos.	75	80	85
Per dozen	$2 70	3 10	3 85

HEEL CHAINS.

Nos.	10	11	12	15	16
Per doz. pairs..	$1 25	1 70	2 20	1 85	2 40
Nos.	20	21	22	25	26
Per doz. pairs..	$1 70	1 70	1 70	2 20	2 20
Nos.			36	37	38
Per dozen pairs.....			$2 90	2 90	3 15
Nos.			65	66	67
Per dozen pairs			$2 90	2 90	2 90
Nos.			40	41	42
Per dozen pairs.....			$2 75	2 75	2 75
Nos.			47	48	49
Per dozen pairs.....			$3 20	3 20	3 20
Nos.	55	50	404	301	312	331
Per dozen pairs	$2 40	3 45	3 05	6 35	5 15	6 35

CART BACK CHAINS.

Nos.	80	81
Per single dozen.....	$5 40	6 35

CART BREECHING CHAINS.

No. 60 .....per dozen pairs $1 85

CART BREECHING PINS.

Nos.	72	73	74
Per dozen pairs	$0 35	35	35

1316 MISCELLANEOUS CHAINS.

New page dated March 1, 1909.

BREASTS.

Nos.	208H	250H	251H	218H	220H
Per doz. pairs.	erase	erase	erase	11 05	12 30
Nos.	217H	1	3	70	2	4
Per doz. prs.	$15 20	2 65	3 45	7 50	4 55	2 90

HOBBLE.

Nos.	280	281	285
Per dozen	$0 65	1 40	65

COVERT'S STALLION.

No. 256 .....per dozen $2 60

COVERT'S REIN.

Nos.	244	246	248
Per dozen	$1 30	1 85	2 30

SCOTCH STALLION.

No. 275 .....per dozen $4 10

CURB CHAINS AND HOOKS.

Nos.	H18	3277	6036	100
Per dozen	$1 30	1 60	2 35	30

GAG.

Nos.	500&510	520&530
Per single dozen	$1 55	1 55
Nos.	540&550	560&570
Per single dozen	$1 55	4 30

MARTINGALE.

Nos.	610	620	630	640	650
Per single dozen	$5 00	14 30	14 30	16 30	16 30

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1316BA SIDE LOOPS.

New page dated March 1, 1907.

Nos.	1	2	3	4	5
Per gross.....	Erase	erase	erase	erase	erase
Nos.	6	7	8	9	110	112
Per gross..	Erase	erase	erase	erase	erase	erase
Nos.	114	116	118	120	122	124
Per gross..	Erase	erase	erase	erase	erase	erase

FACE AND LINE DROPS.

Nos.		5	10	15
Per dozen		$4 37	5 18	8 40

No. 25 .....per card $2 53
No. 30 ..... " 2 58
No. 35—Hip Drops .....per dozen $7 93

SPREAD STRAPS.

Nos.	550	551	552	560	565	570
Nos.	572		575	580	585	590
Per card	$2 76	Per doz.	$4 30	5 75	5 75	7 95

1316BB SPREAD STRAPS.

New page dated March 1, 1907.

Nos.	572		575	580	585	590
Per card.	$2 76	Per doz.	$4 30	5 75	5 75	7 95

FEED BAGS.

Nos.	1900	1	2	3
Per dozen	$3 05	5 06	5 40	6 85
Nos.	4	5	6	7
Per dozen	$8 63	11 16	13 93	17 25

1316C CELLULOID SPREAD RINGS.

See page 1309.

HAIR PLUMES.

Nos.	6	8	10	12	14	16	18
Per dozen.	$0 75	85	1 20	1 55	1 66	1 95	2 15

HAIR ROSETTES.

No. 14x .....per single dozen $2 30
No. 16x ..... " " 2 50

BLANKET PINS AND HOLDERS.

Nos.	8	10	12	20	15
Per dozen	$0 20	12	erase	25	29

WOOD SWEAT SCRAPERS.

No. 1 .....per dozen $0 93

TAIL HOLDERS.

No. 20H .....per dozen $0 92
No. 25 ..... " 1 75

1316D HORSE BOOTS.

New page dated March 1, 1907.

Nos.	5	15	18	3	35	20	25
Per dozen..	$1 40	2 10	3 05	4 15	5 45	2 45	4 15
Nos.	200	201	1006X	3002	1138	17X	
Per pair..	$2 00	2 00	1 20	1 60	1 60	2 00	
Nos.	36X	1027	28X	2	1209		
Per pair.....	$2 40	2 80	3 20	2 40	1 40		

TROTTING BALLS.

No. 510 .....per sing. doz. straps $1 80
No. 511 .....per sing. doz. straps erase

SOAKING OR LAWN BOOTS.

Nos.	334	333	332
Per pair	$1 60	3 20	4 15

CALKING AND SHOE BOIL ROLLS.

No. 327 .....each $1 75
No. 329 ..... " 90

1316DA STALLION SHIELDS.

New page dated March 1, 1907.

No. 454 .....Erase

BITTING HARNESS.

No. 1 .....per set $4 40

BANDAGES.

Nos.	88	108	111
Per doz. sets.....	$4 05	5 25	7 25

STALLION SUPPORTS.

Nos.	501	503	504x
Each	$2 00	2 30	2 70

TROTTING AND PACING HOPPLES.

No. 475 .....per set $8 00

RUBBING CLOTHS.

No. 3X .....per dozen $6 05

REIN BUTTONS.

Nos.	100	101	105
Per single dozen	$0 49	49	85

1316E SELF-ADJUSTING TREES.

New page dated March 1, 1907.

Nos.	600	3	8	1, 2, 20 & 22
Per single dozen	$3 75	3 60	3 60	Erase

PAD PLATES.

Nos.	02	03	04	05
Per pair	$0 28	30	38	40
Nos.	102	103	104	105
Per pair	$0 28	30	38	40

BLIND IRONS.

Nos. 1½, 6, 14, 4 and 5.....per doz. pairs $0 35

COLLAR FASTENERS

Nos. 4 and 5.....per dozen $1 45

Page

1316F GIG AND EXPRESS TREES.

New page dated March 1, 1907.

Nos.	382½C	383C	413	413C	222½	223
Per doz...	Erase	erase	2 25	2 25	1 50	1 90
Nos.	223½	362½C	363C	214	214½	215
Per doz.....	$2 50	erase	erase	erase	erase	erase
Nos.	215½	216	804	804½	805	805½
Per doz..	Erase	erase	4 55	5 80	7 35	8 60

1316G EXPRESS AND CAB TREES.

Nos.	24	24½	25	25½	26
Per dozen.....	Erase	erase	erase	erase	erase
Nos.	24C	24½C	25C	25½C	26C
Per dozen.....	Erase	erase	erase	erase	erase
Nos.	504	504½	505	505½	506
Per dozen	$3 27	3 90	4 55	4 90	5 15
Nos.	504C	504½C	505C	505½C	506C
Per dozen	$3 27	3 90	4 55	4 90	5 15
Nos.	1014	1014½	1015	1015½	1016
Per dozen ..	$3 68	4 20	5 05	5 75	6 50
Nos.	1014C	1014½C	1015C	1015½C	1016C
Per dozen	$3 68	4 20	5 05	5 75	6 50

BACK BAND LOOPS.

Nos.	4	5	14	24	34	15
Per single dozen..	$0 42	60	51	1 65	1 65	60
Nos.	25	35	44	54	45	55
Per single doz..	$1 80	1 80	1 55	1 55	1 75	1 75

CONCORD BRIDGES.

Erase entire page except Concord Bridges.

No. 1 .....per dozen $3 45
No. 2 ..... " erase

1316I TERRETS.

Nos.	4	5	6	7	8
Per single dozen	$0 40	45	80	90	1 15
Nos.	14	15	16	17	18
Per single dozen	$0 40	45	85	1 10	1 30
Nos.	24L	25L	34L	35L	
Per single dozen	$1 05	1 20	1 05	1 20	
Nos.	24M	25M	34M	35M	
Per single dozen	$1 28	1 50	1 28	1 50	
Nos.	24H	25H	26H	27H	
Per single dozen	$1 45	1 70	3 00	2 40	
Nos.	34H	35H	36H	37H	
Per single dozen	Erase	1 70	3 00	2 40	
Nos.	26EH	27EH	28EH	36EH	37EH	38EH
Single doz.	$2 70	3 10	3 60	2 70	3 10	3 60
Nos.			104	105	106	107
Per single dozen			$0 40	45	80	Erase
Nos.			114	115	116	117
Per single dozen			$0 40	45	85	Erase
Nos.	204L	205L	214L	215L		
Per single dozen	$0 92	1 10	92	1 10		

Nos. 204M, 205M, 214M, 215M, Erase.

1316J TERRETS.

Nos.	225H	226H	227H	235H	236H	237H
Single doz.	$1 65	1 90	2 30	1 65	1 90	2 30
Nos.			305H	306H	307H	308H
Per single dozen			$2 30	2 65	3 20	3 70
Nos.			315H	316H	317H	318H
Per single dozen			$2 30	2 65	3 20	3 70
Nos.			405	406	407	408
Per single dozen			$2 30	2 65	3 20	3 70
Nos.			415	416	417	418
Per single dozen			$2 30	2 65	3 20	3 70

TERRETS AND HOOKS.

Nos. 116N to 0116R.....per single dozen $1 70
Nos. 109N to 0109R..... " " 1 50
Transpose cuts of Nos. 0116N and 0109N.

1316K TERRETS AND HOOKS.

New page dated March 1, 1907.

Nos. .. 120N to 0120R X106N 108N to 0108R X106R
Per dozen $1 05 1 85 90 1 85
Nos.. 115N to 0115R X109N 124N to 0124R X109R
Per dozen $1 10 2 70 1 05 2 70
Nos.. 114N to 0114R X119N 119N to 0119R X119R
Per dozen Erase erase erase erase

1316L TERRETS AND HOOKS.

New page dated March 1, 1907.

Nos. 126N to 0126R X128N 128N to 0128R X128R
Per dozen Erase 2 75 1 30 2 75
Nos. 713 723 733 736 521 523
Per single dozen.$0 85 85 1 15 1 55 erase erase
Nos. 522 524 525 526 527 529
Per single dz.Erase erase erase erase erase erase

1316M TERRETS AND HOOKS.

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Nos.	263	264	268	267
Per single dozen	$0 70	70	90	1 15
Nos.	273	275	274	276	278	277
Per single dozen ..	$0 70	80	70	80	90	1 15
Nos.	253	254	258	257		
Per single dozen	$0 75	75	95	1 50		

Because a few articles figure a certain per cent. above the market prices, it should not be inferred that this is true in all cases.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

Page

1316MA TERRETS AND HOOKS.

New page dated March 1, 1907.

Nos.	7013	7014	7015	7043	7054
Per dozen	$3 00	3 00	erase	2 60	2 60
Nos.	7065	7033	7044	703P	704P
Per dozen	Erase	erase	erase	erase	5 35
Nos.	9013	9014	9015	9016	9215
Per dozen	Erase	5 00	5 75	erase	erase
Nos.	9216	9043	9054	9065	9265
Per dozen	Erase	erase	3 85	4 20	erase
Nos.	9276	9033	9044	9055	9113
Per dozen	Erase	erase	5 35	5 70	5 00
Nos.	9114	9143	9154	9133	9144
Per dozen	$5 00	3 85	3 85	5 35	5 35
Nos.	10113	10114	10143	10154	10133
Per dozen	Erase	erase	erase	erase	erase
Nos.	10144	10613	10614	10643	10654
Per dozen	Erase	erase	erase	erase	erase
Nos.	10633	10641	8113	8114	8115
Per dozen	Erase	erase	erase	erase	erase
Nos.	$143	8154	8165	8133	8144	8155
Per dozen.	Erase	erase	erase	erase	erase	erase

1316N BOLT AND POST HOOKS.

New page dated March 1, 1907.

Nos.	504	505	506	514	515	516
Single dozen	$0 40	45	80	40	45	85
Nos.	524L	525L	534L	535L	25	35
Single dozen	$1 05	1 20	1 05	1 20	75	80
Nos.	554	555	556	564	565	566
Per single dozen	$0 40	45	80	40	45	85
Nos.	604L	605L	614L	615L	604M	605M
Single doz.	$0 90	1 10	90	1 10	Erase	Erase
Nos.	614M	615M	654	655	664	665
Single doz.	Erase	Erase	75	80	1 05	1 15
Nos.	674	675	684	685	704	705
Single doz.	$1 85	2 05	1 85	2 05	75	80
Nos.	714	715	724	725	734	735
Single doz.	$1 10	1 15	1 60	1 95	1 60	1 95

1316O PAD AND COUPE HOOKS.

New page dated March 1, 1907.

Nos.	754	755	764	765
Per single dozen	$0 45	55	75	80
Nos.	774	775	784	785
Per single dozen	$1 90	2 20	1 90	2 20
Nos.	804	805	814	815
Per single dozen	$0 45	55	70	80
Nos.	824	825	834	835
Per single dozen	$1 60	1 65	1 60	1 65
Nos.	854	855	856	864	865	866
Single doz.	Erase	erase	erase	erase	erase	erase
Nos.	905	906	907	915	916	917
Single doz.	Erase	erase	erase	erase	erase	erase
Nos.	1006	1007	1016	1017
Per single dozen	Erase	erase	erase	erase
Nos.	1056	1057	1066	1067
Per single dozen	Erase	erase	erase	erase
Nos.	1105	1106	1107	1115	1116	1117
Single doz.	Erase	erase	erase	erase	erase	2 70
Nos.	1155	1156	1157	1165	1166	1167
Single doz.	Erase	erase	erase	erase	erase	erase
Nos.	1200	1201	1205	1206
Per single dozen	$2 20	2 20	3 20	3 20

1316P SAFETY CHECK HOOKS.

New page dated March 1, 1907.

Nos.	1500	1502	1510	1512
Per dozen	$0 65	65	Erase	Erase
Nos.	1520	1522	1524	1530	1532
Per dozen	$0 65	1 00	1 00	65	1 10
Nos.	1540	1542	1544	1546	1548
Per dozen	$0 65	1 00	1 00	2 30	3 85

TEAM PAD HOOKS.

Nos.	10&12	20&22	30&32	40&42
Per single dozen	$0 50	60	50	60
Nos.	44&46	70	72	80	82
Per single dozen	$1 85	70	85	75	1 05

P. AND L. BAND HOOKS.

Nos.	50	52	60	62
Per single dozen	$0 45	45	60	60

STICKNEY HOOKS.

Inches	1¼	1½
No. 185 per dozen	$0 85	1 05
No. 186 "	1 05	1 15
No. 187 "	1 95	2 30

DROP HOOKS AND TERRETS.

Nos.	90	100	X90	X100
Per single dozen	$0 75	80	60	65

1316Q EXPRESS HOOKS.

New page dated March 1, 1907.

Nos.	441½	551½	60	0441½	0551½	060
Per dozen	$0 90	1 25	1 40	1 00	1 50	1 90
Nos.	1504	1504½	1505	1505½	1506
Per dozen	$2 30	2 40	2 70	3 20	3 60
Nos.	1514	1514½	1515	1515½	1516
Per dozen	$2 30	2 40	2 70	3 20	3 60
Nos.	1584	1584½	1585	1585½	1586
Per dozen	$2 60	2 65	2 75	3 20	3 70
Nos.	1594	1594½	1595	1595½	1596
Per dozen	$2 60	2 65	2 75	3 20	3 70
Nos.	1334	1414½	1554	2334	2414½	2554
Per dozen	$0 75	90	1 20	85	1 05	1 50
Nos.	3334	3444½	3554	4334	4444½	4554
Per dozen	$2 00	2 15	2 55	2 00	2 15	2 55

Page

Nos.	1524	1524½	1525	1525½	1526
Per dozen	$3 25	3 25	3 80	3 80	4 25
Nos.	1534	1534½	1535	1535½	1536
Per dozen	$3 25	3 25	3 80	3 80	4 25
Nos.	5334	5444	5554	6334	6444	6554
Per dozen	$0 75	90	1 26	85	1 05	1 45
Nos.	1544	1544½	1545	1545½	1546
Per dozen	$2 60	2 65	2 75	2 90	3 20
Nos.	1554	1554½	1555	1555½	1556
Per dozen	$2 60	2 65	2 75	2 90	3 20
Nos.	1564	1564½	1565	1565½	1566
Per dozen	$3 25	3 25	3 80	3 80	4 25
Nos.	1574	1574½	1575	1575½	1576
Per dozen	$3 25	3 25	3 80	3 80	4 25

1316R EXPRESS MOUNTINGS.

New page dated March 1, 1907.

Nos.	1502	1504	1512	1514
Per set	$0 75	85	75	85
Nos.	1522	1524	1532	1534
Per set	$0 95	1 15	95	1 15
Nos.	1542	1544	1552	1554
Per set	$0 85	1 05	85	1 05

EXPRESS MOUNTINGS.

Nos.	1562	1564	1572	1574
Per set	$0 90	1 10	90	1 10

1316S HAME TUG PLATES.

New page dated March 1, 1907.
Erase entire page.

1316T LINE GUARDS.

New page dated March 1, 1907.

Nos.	1	01	3	03
Per dozen	$2 20	3 20	3 50	4 60

REIN HOLDERS AND SUPPORTERS.

Nos.	20	22	1	2
Per dozen pairs	$1 75	1 75	1 75	1 75

REIN FASTENERS AND HOLDERS.

No. 30 per dozen	$1 75
No 25 "	1 10

OVER CHECK LOOPS.

Nos.	20	22	24	26	28	30
Per gross	$2 30	2 30	3 20	3 20	4 60	4 60
Nos.	32	40	42	44	46	36
Per gross	$4 60	2 65	2 65	3 50	3 50	3 25

TRACE AND CHECK HOLDERS.

Nos.	10	40	45	46
Per dozen	$1 15	40	70	1 00

Change No. 10, Trace Holders, to read No. 100.

CHECK SPRINGS AND BARS.

Nos.	50	55	56	60	61
Per dozen	$1 85	85	85	1 55	1 85

1317 HAME CLIPS AND HOOKS.

New page dated March 1, 1909.
Erase entire page.

1317D HAME RIVETS.

New page dated March 1, 1907.
Erase entire page.

1317E TRACE CARRIERS.

New page dated March 1, 1907.

Nos.	1390,2390,1391&2391	3391&4391	1386&2386
Per dozen.	$0 35	60	erase
Nos.	1395&2395	1392&2392	1394&2394
Per dozen	$0 64	90	1 15

Nos.	150	250	152	252	200
Per dozen	$0 40	45	50	60	50

IMPERIAL.

Nos.	190	191	192	193
Per single dozen	$0 15	15	18	20
Nos.	290	291	292	293
Per single dozen	$0 15	15	18	20

1317F HARNESS LOOPS.

New page dated March 1, 1907.

Inches	¾	½	⅝	⅞	⅞
No. 295 per gross	$0 14	17	20	22	25
Inches	1	1¼	1¼	1½
No. 295 per gross	$0 31	36	40	47
Inches	¾	¾	⅞	1
No. 202 per gross	$0 88	99	1 05	1 27
Inches	1¼	1½	1¾
No. 202 per gross	$1 76	2 20	2 64
Inches	½	⅝	⅞	⅞	1
No. 239 per gross	$0 94	1 05	1 16	1 27	1 43
Inches	1⅛	1¼	1½	1¾
No. 239 per gross	$1 82	2 00	2 59	3 36
No. 207—Thill Tug per gross	$1 50			
No. 208—Thill Tug "	1 65			

TRACE AND BREECHING LOOPS.

Nos.	338	339	335	336	337
Per dozen	$0 40	45	50	55	90

PAD SKIRT BUCKLES.

Nos. 350 and 351 per dozen $1 00

REIN BILLETS.

No. 482 per gross $0 45

BRIDLE SQUARES.

Inches	⅝x¾	¾x⅞	⅞x1
No. 55 per gross	$0 55	60	65
No. 65 "	60	65	70
No. 75 "	1 25	1 65	2 00

Page

PERFECTION HARNESS DEES.

Nos.	84	85	86	87
Per gross	$0 55	65	80	90

PHILLIPS' HARNESS DEES.

Inches	½	⅝	¾	⅞
No. 90 per gross	$0 45	45	60	75
No. 92 "	60	60	80	90
No. 94 "	70	80	90	1 05
No. 96 "	70	80	90	1 05

1317FA HARNESS DEES.

New page dated March 1, 1907.

Inches	⅝	¾	⅞	1	1⅛
No. 325 per gross	Erase	55	70	90	1 00
No. 1325 "	Erase	erase	erase	erase	erase
No. 326 "	Erase	erase	erase	erase	erase
Inches	1¼	1½	1¾	2	2½
No. 325 per gross	$1 10				
No. 1325 "	1 25				
No 326 "	1 65	2 30	3 15	4 10	6 00
No. 1326 "	Erase	erase	erase	erase	

HALTER BOLTS AND SQUARES.

Nos.	8	10	14	18	20	24
Per gross	$0 55	60	75	95	1 25	1 60

HALTER LOOPS, RINGS, ETC.

Nos.	28	30	34	36
Per gross	$2 30	2 70	3 15	2 30
Nos.	38	40	42	44	46
Per gross	$2 70	3 15	1 95	2 20	2 65

REPAIR SCREW DEES.

No. 490 per dozen	$0 30
No. 491 "	35

POLE STRAP DEES.

Nos.	373	374	375
Per gross	Erase	erase	erase

TUBULAR HALTER TRIMMINGS.

No. 364 per dozen sets	$0 90		
No. 365 " "	1 05		

BREAST STRAP SLIDES.

Nos.	50	51	54	55	56	57	60	61
Per doz.	$0 35	40	40	40	45	85	50	60

1318A RIVETS AND BURRS.

New page dated March 1, 1908.

Nos. 7 to 12	discount 35 per cent.
No. 80 per carton	$1 25
No. 90 "	1 30

Nos.	08	084	09	094
Per dozen	$0 75	40	85	45

COPPER BURRS ONLY.

Nos. 7 to 12 discount 5 per cent.

SLOTTED OR CLINCH RIVETS.

No. 5 per carton	$0 55
No. 3 "	65

Nos.	603	604	605	606	607
Per 1,000	$0 70	70	70	80	80
Nos.	608	609	610	611	612
Per 1,000	$0 80	85	85	95	95

TUBULAR RIVETS.

Nos.	1	2	11	13	103	104	105
Per carton	$0 55	55	1 00	1 00	65	65	65
Nos.	106	107	108	109	110	111	112
Carton	$0 70	75	80	85	90	95	1 05
Nos.	203	204	205	206	207	208
Per 1,000	$0 85	85	85	90	1 05	1 15
Nos.	209	210	211	212	213	303
Per 1,000	$1 20	1 30	1 45	1 50	1 60	85
Nos.	304	305	306	307	308	309	310
1,000	$0 85	85	90	1 05	1 15	1 20	1 30
Nos.	311	312	313	325	330	404	405
1,000	$1 45	1 50	1 60	95	95	1 60	1 65
Nos.	406	407	408	409	410	504	505
Per 1,000	$1 75	1 85	1 95	2 10	2 10	1 60	1 65
Nos.	506	507	508	509	510	425	430
Per 1,000	$1 75	1 85	1 95	2 05	2 10	1 85	1 85

1318B HAME RIVETS.

New page dated March 1, 1908.

No. 7 per pound	$0 10				
Sizes	3/8	½	⅝	¾
No. 15 per gross	$0 85	1 30	2 30	2 45
No. 17 "	85	1 30	2 30	2 45

HAME RIVET WASHERS.

No. 971 per pound $0 40

SWEDES TACKS.

Nos.	12	12½	13	14	16	18	20
Per doz. papers	$0 35	38	40	46	60	70	80
Nos.	22	24	26	28	30	32
Dz. papers	$0 95	1 10	1 15	1 25	1 40	1 60
Nos.	34	52½	53	54	56	58
Per dozen papers	$1 65	48	50	55	70	80

GIMP TACKS.

Weight, oz.	2	2½	3	4
No. 46 per dozen	$0 18	18½	20	24
Weight, oz.	6	8	10
No. 46 per dozen	$0 26	35	40

LINING NAILS.

Nos.	104	106	108	110	112	114	116
Per pkge.	$0 80	80	80	80	80	90	90
Nos.	204	206	208	210	212	214	216
Package	Erase	erase	erase	erase	erase	erase	erase

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

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BOSS NAILS.

Nos.	3	4	5	6
Per package	$0 85	85	90	1 05
Nos.	13	14	15	16
Per package	Erase	erase	erase	erase

ESCUTCHEON PINS.

Erase all sizes.

RIVETING MACHINES.

Nos.	90	2	4	20
Per dozen	$3 20	4 30	8 65	9 50

RIVET SETS.

Nos.	990	7H	8H	9H
Per dozen	$1 05	1 15	1 15	1 15

1319B **STANDARD SPOTS.**

New page dated Oct. 1, 1904.

Nos.	2	3	4	5	6	7	8
Per gross	$0 32	43	64	85	1 05	1 25	1 50
Nos.	12	13	14	15	16	17	18
Per gross	$0 37	49	78	1 03	1 24	1 50	1 75
Nos.	22	23	24	25	26	27	28
Per gross	$0 32	43	64	86	1 04	1 25	1 50
Nos.	32	33	34	35	36	37	38
Per gross	$0 37	50	77	1 05	1 24	1 50	1 75

Nos.	104	105	106	107
Per gross	$0 78	82	86	86
Nos.	114	115	116	117
Per gross	$0 95	98	1 15	1 17

CONCORD SPOTS.

Nos.	123	123½	124	124½	126	127
Per gross	$0 70	75	80	90	1 05	1 15
Nos.	133	133½	134	134½	136	137
Per gross	$0 70	75	80	90	1 05	1 15

BUCKLE SHIELDS.

Nos.	205	206	207	208	211	212	214
Per gross	$1 00	1 15	1 40	1 60	2 05	2 55	3 70
Nos.	225	226	227	228	231	232	234
Per gross	$1 00	1 15	1 40	1 60	2 05	2 55	3 70
Nos.	255	256	257	258	261	262	264
Per gross	$1 85	2 05	2 55	3 20	3 90	4 60	6 45
Nos.	275	276	277	278	281	282	284
Per gross	$1 85	2 05	2 55	3 20	3 90	4 60	6 45

Nos.	357	358	361	362	364
Per gross	$4 05	5 20	6 05	7 20	9 20
Nos.	377	378	381	382	384
Per gross	$4 05	5 20	6 05	7 20	9 20

Nos.	455	456	457	458	461	462	464
Per gr.	$3 20	3 95	4 65	Erase	6 85	7 95	10 00
Nos.	475	476	477	478	481	482	484
Per gr.	Erase	Erase	4 65	5 75	Erase	7 95	10 00

1319C **SHIELD ORNAMENTS.**

New page dated Oct. 1, 1904.

Nos.	500	501	502	504	506
Per gross	$3 10	erase	3 90	4 65	6 45
Nos.	510	511	512	514	516
Per gross	Erase	erase	erase	erase	erase

HEART ORNAMENTS.

Nos.	520	522	524	526	528	532
Per gross	Erase	erase	erase	7 90	erase	erase
Nos.	540	542	544	546	548	552
Per gross	Erase	erase	erase	erase	erase	erase

STAR SHIELD ORNAMENTS.

Nos.	602	603	612	613
Per gross	$3 60	erase	erase	erase

STAR CIRCLE ORNAMENTS.

Nos.	624	628	636	642	648	656
Gross	Erase	14 35	erase	erase	erase	erase

BLOCK LETTERS.

Nos.	706	708	712	714
Per dozen	$0 45	45	50	65
Nos.	738	738	742	744
Per dozen	$0 45	45	50	65

GOTHIC AND SCRIPT LETTERS.

Nos. 805 and 815 Gothic ..... erase
Nos. 904 and 914 Script ..... erase

IMITATION MONOGRAMS.

No. 1004 ..... erase
No. 1014 ..... erase

HIP STRAP ORNAMENTS.

Nos.	1100	1102	1104	1110	1112	1114
Per dozen	$1 90	2 05	2 25	1 90	2 05	2 25

1319D **COMMON ROSETTES.**

New page dated Oct. 1, 1905.

Nos.	14	16	24	26	36	46
Per gross	$0 75	90	75	90	1 65	1 65
Nos.	54	56	58	68	72	
Per gross	$2 30	2 75	3 70	4 60	6 15	
Nos.	80	90	92	100	102	
Per gross	$4 60	4 60	6 15	4 60	6 15	

SOLID FILLED ROSETTES.

Nos.	1554	1741	1557	2201	2203
Per gross	$5 15	4 30	4 30	5 15	5 15
Nos.	2206	1334	1337	1358	1281
Per gross	$6 90	7 75	12 95	17 25	8 60
Nos.	1353	1357	1553	1358K	1731	1781½
Per dozen	$1 45	1 90	1 30	3 45	2 20	3 05

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1319E **ROSETTES.**

Nos.	108	106	107	105	4
Per gross	$2 20	2 45	2 45	2 75	2 60
Nos.	52	289	161	61	154	178
Per gross	$2 50	2 85	1 05	1 05	1 05	1 05
No. 10—Assortment	per card	$0 40				
No. 15—Assortment	"	50				

INITIAL ROSETTES.

No. 300	per dozen pairs	$0 90
No. 310	"	1 15

1319F **GLASS ROSETTES.**

New page dated March 1, 1907.
Erase entire page.

1320 **TWISTED WIRE BRIDLE BITS.**

New page dated March 1, 1907.

Nos.	50	54	56	58	60	62
Per dozen	$0 70	95	85	1 00	85	1 10

PLAIN FULL CHEEK SNAFFLE BITS.

No. 66	per dozen	$0 97
No. 68	"	1 50

BAR AND MALLEABLE RINGS.

Nos.	70	1	4	6	10
Per dozen	$1 45	50	65	65	65
Nos.	157	159	161	163	12	14
Per dozen	$1 40	1 40	2 20	2 20	1 45	1 80

WROUGHT RING.

Nos.	20	21	22	23	27	28
Per dozen	$0 65	65	Erase	Erase	85	85

1321 **BRIDLE BITS.**

New page dated March 1, 1907.

Nos.	40	30	32	84	86
Per dozen	Erase	1 15	1 90	7 65	erase
Nos.	38	80	82	84	90
Per dozen	Erase	1 30	2 75	5 35	1 30
Nos.	92	94	96	98	100
Per dozen	$2 75	10 95	2 30	3 70	erase
Nos.	116	118	120	122	195
Per dozen	$3 75	4 15	1 60	2 20	erase
Nos.	196	124	126	483	481	480
Per dozen	Erase	3 05	erase	6 10	erase	erase

1322 **BRIDLE BITS.**

New page dated March 1, 1907.

Nos.	1050	1051	1052	1060	1061	1062
Per dozen	$1 55	1 55	4 30	erase	5 05	erase
Nos.	1070	1071	1072	1091	1092	1081
Per dozen	Erase	2 20	erase	5 05	10 05	5 05
Nos.	1041	1042	1095	1096	1021	1022
Per dozen	$3 05	3 05	5 75	11 50	erase	erase
Nos.	1030	1036	1040	1046	1047	1048
Per dozen	$1 55	2 70	erase	erase	1 55	1 55
Nos.	1000	1001	1002	1003	1004
Per dozen	$0 35	35	35	50	35
Nos.	1006	3404	3104	1008	1009
Per dozen	$0 50	erase	erase	erase	erase

1323 **BRIDLE BITS.**

New page dated March 1, 1907

Nos.	500	502	504	506	510
Per dozen	Erase	Erase	85	85	1 15
Nos.	512	514	516	517	518
Per dozen	$1 15	1 15	1 15	1 30	1 30
Nos.	519	520	524	525	526
Per dozen	$1 80	1 80	1 05	1 05	1 05
Nos.	527	528	529	534	535
Per dozen	$1 05	1 20	1 20	1 20	1 20
Nos.	536	537	544	545	548
Per dozen	Erase	Erase	1 45	1 45	1 45
Nos.	549	552	553	554	555
Per dozen	$1 45	1 80	1 80	1 80	1 80
Nos.	556	557	558	559
Per dozen	Erase	erase	erase	erase

1324 **BRIDLE BITS.**

New page dated March 1, 1907.

Nos.	566	567	564	565
Per dozen	$1 80	1 80	2 20	2 20
Nos.	574	575	810	811	815
Per dozen	$2 45	2 45	2 90	2 90	3 35
Nos.	816	584	585	819	820	823
Per dozen	$3 35	2 55	2 55	5 35	5 35	6 10
Nos.	824	594	595	828	829	830
Per dozen	$6 10	3 75	3 75	6 90	6 90	7 65
Nos.	831	832	833	834	835	850
Per dozen	$7 65	9 00	9 00	9 65	9 65	13 00
Nos.	851	855	856	3000	860	861
Per doz.	$13 00	13 80	13 80	15 35	43 00	43 00

1325 **BRIDLE BITS.**

New page dated March 1, 1907.

Nos.	760	761	875	876	4220
Per dozen	$2 05	2 05	5 00	4 60	5 00
Nos.	3220	1005	1015	4816	885
Per dozen	$9 20	23 00	29 90	5 00	5 35
Nos.	888	1020	3	1	2
Per dozen	$6 90	52 82	11 05	24 55	24 55

1326 **BRIDLE BITS.**

New page dated March 1, 1907.

Nos.	632	634	635	734	2734	636
Per doz.	$0 92	1 15	3 15	7 90	12 58	1 43
Nos.	637	3160	3163
Per dozen	$5 15	5 75	6 50
Nos.	662	642	643	657	658
Per dozen	$1 65	1 10	2 90	1 66	3 50
Nos.	757	2757	682	782	2782	681
Per doz.	$9 70	15 52	3 45	9 70	15 52	2 80
Nos.	781	2781	644	645	744	2744
Per dz.	$9 70	15 52	1 90	4 00	12 00	18 60

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1327 **BRIDLE BITS.**

New page dated March 1, 1907.

Nos.	631	731	969	970	974	975
Per dozen	$2 75	19 90	18 40	35 25	13 80	27 60
Nos.	976	156	158	160	1100	1106
Per doz.	$49 05	1 40	1 66	2 00	1 10	2 60
Nos.	1108	1110	1112	1115	1120	1124
Per dozen	$1 05	1 10	1 40	5 45	1 45	2 25

1328 **BRIDLE BITS.**

New page dated March 1, 1907.

Nos.	1134	1138	1126	1128
Per dozen	$8 65	9 35	5 05	7 95
Nos.	1130	1150	1152	1156
Per dozen	$9 00	3 62	4 15	5 50
Nos.	1174	1175	1158	1160	1164
Per dozen	$5 40	8 65	4 15	8 65	10 80

1329 **SPURS.**

New page dated March 1, 1907.

Nos.	11	14	12	16	18
Per single dozen	$0 45	50	50	60	60
Nos.	20	22	40	43	42
Per single dozen	$0 90	90	1 05	3 15	85
Nos.	42	46	44	48	8	9
Single doz.	$0 85	4 15	4 15	4 15	90	1 00
Nos.	10	17	693	585	685
Single dozen	$1 15	1 60	1 15	1 75	2 60

1330 **SPURS.**

New page dated March 1, 1907.

Nos.	1176½	1178	225	93	2021
Per single dozen	$1 95	1 95	4 85	5 00	7 30
Nos.	224	4	1254	1245	1253	1260
Single doz.	$9 20	9 20	1 15	1 30	1 30	3 85
Nos.	1270	1272	1273	1271	1274	1900
Single doz.	$3 85	3 85	3 85	4 30	5 50	7 75

1331 **WOOD STIRRUPS.**

New page dated March 1, 1907.

Nos.	2	2½	3	4	5
Per dozen pairs	$0 85	95	1 00	1 25	1 40
Nos.	6	14	15	16
Per dozen pairs	$1 55	1 55	1 75	2 20
Nos.	22	22½	31½	32	41¾
Per dozen pairs	Erase	erase	2 60	2 90	2 90
Nos.	31½B	32B	31½A	32A	41½B	42B
Doz. pairs	$8 65	erase	$ 65	9 35	9 35	erase
Nos.	41½A	42A	52B	52½B	52A	52½A
Doz. pairs	$9 35	10 05	erase	erase	9 70	10 35

1332 **STIRRUPS.**

New page dated March 1, 1907.

Nos.	842	831	831N	851	166	183
Doz. pairs	$2 50	3 10	6 70	4 65	18 40	27 60
Nos.	176	808	897	91	20
Per dozen pairs	$36 80	6 90	6 50	14 95	7 35
Nos.	30	40	800	800N
Per dozen pairs	$8 70	12 60	3 10	6 20

LADIES'

Nos.	874	869	170
Per single dozen	$1 05	1 55	27 60

1333 **CURRY COMBS.**

New page dated March 1, 1906.

Nos.	000	11½	29	605	610	620	625
Doz.	$0 35	60	erase	80	97	80	1 15
Nos.	20	13	14	408	60	321	121
Per dozen	$0 80	1 05	1 60	90	90	1 05	1 25
Nos.	221	330	030	19	181½	26	50
Dozen	$1 95	95	1 95	1 05	1 50	1 05	1 15

1334 **CURRY COMBS.**

New page dated March 1, 1906.

Nos.	315	1532	530	530½	535
Per dozen	$1 15	1 15	1 15	1 55	1 95
Nos.	540	545	399	114	115
Per dozen	$1 25	1 50	1 20	1 30	1 80
Nos.	470	76	1H	44	105
Per dozen	$1 25	1 38	1 55	1 85	1 95

1335 **CURRY COMBS AND CARDS.**

Erase entire page.

1336 **LEATHER BACK HORSE BRUSHES.**

Erase entire page.

1337 **HORSE BRUSHES**

New page dated March 1, 1906.

Nos.	H0148	H0270	H0443	H0772	H0442	H0448
Dz.	$12 25	12 05	13 20	14 54	17 80	18 65
Nos.	H0449	H030A	H0644	H00	H0A1	H115
Dz.	$19 55	27 00	32 20	36 80	41 40	6 90
Nos.	H215	H100	H102	H101	H14	H15
Per dozen	$6 90	1 10	1 40	1 55	1 15	1 05
Nos.	H181	H180	H512	H510	H201	H206
Per dozen	$1 70	2 05	2 00	Erase	1 55	1 90

In a great many instances we have quoted discounts, for convenience, on lines which are sold at net prices. All such goods will be billed net.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

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HORSE BRUSHES.

New page dated March 1, 1906.

Nos.	H805	H800	HS10	H208	H200
Per dozen	$2 45	2 80	4 05	2 30	2 55
Nos.	H220	H205	H2844	H42	H3X
Per dozen	Erase	$2 85	3 10	3 20	4 00
Nos.	H227	H7000	H2X	H049	H-Pointer
Per dozen	Erase	4 60	erase	7 45	2 85

No. H-Anchor H-General H-Shoo-Fly H-Ruf & Ready
Dozen $2 30 2 30 2 85 3 45

1338A **CARRIAGE HEATERS.**

New page dated Oct. 1, 1904.

Nos.	1	3	3D	4E	5B	7D
Each	$2 70	1 75	1 75	erase	1 30	1 95

CARRIAGE HEATER CARBONS.

No. 57 ..... per dozen $0 65

1338B **SLEIGH BELLS.**

New page dated Oct. 1, 1904.

Nos.	1	4	6	6N	8N	9N
Per strap	$1 38	2 05	3 00	3 75	4 70	erase
Nos.	1P	2P	3P	4P		
Per strap	$1 40	1 60	1 25	2 20		
Nos.	5P	6P	7P	8P	9P	
Per strap	$2 05	3 30	erase	4 00	erase	
Nos.	4X	6X	8X	10X	12X	
Per dozen	$2 25	3 40	5 20	6 20	7 00	
Nos.	4XX	6XX	8XX	10XX	12XX	
Per dozen	$3 40	3 85	5 70	6 75	7 75	
Nos.	645	640	684	685		
Per strap	$1 40	1 75	2 30	2 60		

1339 **SLEIGH BELLS.**

Nos.	787	788	789	790	793	794
Per strap	$1 10	1 20	1 40	1 55	1 40	1 55
Nos.	795	1201	801	802	803	059
Per strap	$1 70	1 90	1 20	1 40	1 55	2 15
Nos.	069	85	26	30	36	43
Per strap	$2 50	3 60	70	85	1 00	1 25

ROUND LOOSE BELLS.

Nos.	1	2	3	4	5	6
Per dozen	$0 32	45	58	70	85	92
Nos.	7	8	9	10	11	
Per dozen	$1 15	1 30	1 60	1 90	2 20	

1340 **SADDLE CHIMES.**

No. 118 ..... per dozen $25 50
No. 164 ..... " 26 00

SHAFT CHIMES.

Nos.	861	862	867	15	16
Per pair	$0 46	46	55	90	1 10
Nos.	30	13	14	883	42½
Per pair	$1 10	1 00	1 10	1 25	1 45

1340A **HARNESS SOAP.**

New page dated March 1, 1907.

CASTILE SOAPS.

No. 10 ..... per pound $0 11
No. 11 ..... " 14

FRANK MILLER'S SOAP.

Nos.	3	4	5	6
Per dozen	$1 50	2 00	5 25	9 10

HOLLINGSHEAD'S SOAPS.

Erase all numbers.

CHISWICK SOAP.

No. 8 ..... per dozen $3 75
No. 9 ..... " 6 05

HOLLINGSHEAD SOAP AND OIL.

Nos.	220	221	270	271
Per dozen	Erase	Erase	2 20	4 10
Nos.	272	273	274	
Per dozen	$6 70	11 50	51 75	

IXL HARNESS OIL.

Nos.	20	21	22	23	24	25
Per dozen	$1 30	2 00	2 90	5 05	8 75	36 20

FRANK MILLER'S HARNESS OIL.

Nos.	30	31	32	33	34
Per dozen	$1 80	3 25	5 05	9 10	15 90

1340B **HARNESS DRESSINGS.**

New page dated March 1, 1907.

Nos.	230	231	232	233	234

Erase all numbers.

Nos.	240	241	242	243	244

Erase all numbers.

Nos.	50	51	52	53	54
Per dozen	$1 77	2 75	5 05	9 10	14 50
Nos.	16	17	18	28	38	16X
Per doz.	$1 75	Erase	6 90	13 80	27 30	Erase
Nos.	17X	18X	20	21	255	256
Per dozen	Erase	Erase	2 00	4 00	Erase	Erase

CARRIAGE TOP DRESSINGS.

Nos.	250	251	252	57	58	59
Per dozen	$2 40	3 85	6 70	2 30	5 05	9 00
Nos.	60	61	62	70	71	72
Per dozen	$3 60	5 65	8 85	2 30	4 00	6 90

1340C **AXLE OIL.**

New page dated March 1, 1908.

Nos.	260	261	262	263	81	82
Per doz.	$2 19	3 85	erase	erase	2 30	4 15
Nos.	90	91	92	93		
Per dozen	$1 95	3 10	4 95	8 65		
Nos.	100	101	102	103		
Per dozen	$2 40	4 30	7 45	13 80		

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AXLE GREASE.

	Hub Lightning.	Diamond.	Frazer's.
Per gross	$6 30	6 00	10 60

IN TIN CANS.

	1-lb.	Small.	Medium.	Large.
Per dozen	$1 45	1 35	2 40	3 65

IN WOOD PAILS.

Pounds	15 Hub.	25 Hub.	15 Frazer's.	25 Frazer's.
Each	$0 60	75	75	1 25

CHANNELENE GRAPHITE.

Pounds	1	3	5
Per gross	$10 35	27 60	erase

1340D **METAL POLISH.**

New page dated March 1, 1908.

Nos.	110H	112H	114H	120H
Per dozen	$1 10	2 20	3 50	1 10
Nos.	122H	124H	130H	
Per dozen	$2 20	3 50	85	
Nos.	132H	134H	136H	138H
Per dozen	$1 45	2 85	4 15	6 60
Nos	140H	150H	152H	
Per dozen	$11 50	85	1 45	
Nos.	154H	156H	158H	160H
Per dozen	$2 85	4 15	6 60	11 50
Nos.	24C	26C	28C	
Per dozen	Erase	Erase	Erase	
Nos.	36C	38C	40C	42C	44C	46C	48C
Per doz.	$0 85	1 15	1 75	2 90	4 90	8 35	13 80
Nos.	2C	3C	4C	5C	6C	7C	1½C
Per doz.	$0 85	1 45	2 30	4 00	6 90	11 50	30
Nos.	4C	6C	12C	16C	17H	18H	19H
Per doz.	$0 46	90	1 85	2 60	50	1 45	2 40
Nos.	20H	21H	22H	65C	01C	50C	60C
Per doz.	$0 60	1 55	2 70	2 30	1 75	85	1 45

1340E **STABLE SUNDRIES.**

New page dated March 1, 1907.

HOOF DRESSING.

Nos.	290	291	292	293	O
Per dozen	$2 55	4 50	8 15	14 40	4 55

HORSE FOOT REMEDY.

Nos.	1	2	3
Per dozen	$8 65	14 40	25 90

HOOF PACKING.

Nos. 1, 2, 3, 4 ..... Erase

OINTMENTS AND CURES.

Nos.	2	6	15	16	17	18
Per dozen	$2 30	4 60	2 00	4 05	8 05	Erase
Nos.	25	26	27	28	300	
Per dozen	$4 60	7 65	6 45	11 05	Erase	

STRAP EDGE FILLER AND FINISHER.

No. 75 ..... per dozen sticks $0 45

EDGE INK.

No. 95 ..... per keg $1 60
No. 96 ..... " 3 00

SHOE WAX.

Nos.	100	102	101	103
Per dozen	$0 12	12	12	12
Per 100	50	50	50	50

MACHINE WAX.

No. 110 ..... per pound $0 09

CHAMOIS SKIN.

Nos.	22½	23½	24¾	26
Per dozen	$1 50	2 55	4 20	6 60
Nos.	27	28	29	30
Per dozen	$9 20	13 80	18 70	25 30

SELVYT CLOTH.

Nos.	A	B	C	D	E	F
Per dozen	$1 45	2 60	3 25	4 90	5 75	9 20

SPONGES.

No. 20 ..... per pound $3 15
No. 30 ..... " 95

1340F **THREAD.**

New page dated March 1, 1907.

For Hand Sewing, Half Bleached.

Nos.	500	502	506&507
Per pound	$0 65	78	85
Nos.	510&511	512	513&514
Per pound	$1 15	1 30	1 60

Dark Blue and Yellow.

Nos.	520	522	524	525	530
Per pound	$1 30	1 50	1 70	1 70	1 70

Saddlers' and Andover Machine.

Nos.	535	163	164	165	166
Per pound	$1 25	Erase	Erase	Erase	Erase

Linen Machine.

Nos.	18W	25W	35W	18B	25B
Per spool	$0 20	23	28	20	23
Nos.	35B	250	350		
Per spool	$0 28	23	28		

Green Label Lock Stitch Machine.

Nos. 3G to 9G ..... per pound $1 25
Nos. 3B to 9B ..... " 1 30

1341 **BUGGY WHIP ASSORTMENTS.**

Nos.	150	250	350
Per assortment	$5 15	12 35	19 30

We will pack with each assortment price list showing the retail price of each whip.

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BUGGY WHIPS.

Nos.	50	51	52	54	56	58
Per dozen	$0 75	85	1 30	erase	1 75	1 85
Nos.	60	62	64	66		
Per dozen	$1 90	2 10	2 10	2 65		

1343 **BUGGY WHIPS.**

Nos.	68	70	72	76	78	82
Per dozen	$3 10	erase	4 10	4 35	4 30	4 85
Nos.	84	86	88	90	87	
Per dozen	$8 05	erase	erase	erase	7 35	

1344 **BUGGY WHIPS.**

Nos.	92	94	96	98	99
Per dozen	$8 65	erase	9 80	10 95	13 80
Nos.	100	104	106	110	112
Per dozen	$8 05	10 95	18 10	22 15	22 45

1345 **WHIPS.**

New page dated March 1, 1909.

Nos.	605	610	612	614	616	608
Per doz.	erase	75	92	1 05	1 25	1 45
Nos.	618	620	622	624	625	
Per dozen	$1 75	2 00	2 30	2 60	3 10	

1346 **WHIPS.**

New page dated March 1, 1909.

Nos.	602	600	604	606
Per dozen	$4 60	8 05	10 35	3 05
Nos.	1100	1282	1110	1115
Per dozen	$2 05	2 40	3 45	3 90
Nos.	1118	1122	689	1130	769
Per dozen	$4 40	4 75	6 90	7 75	9 70

1346A **RIDING WHIPS.**

New page dated Oct. 1, 1906.

Nos.	821	842	710	781	860
Per dozen	$1 15	2 30	2 10	2 30	3 00
Nos.	784	873	859	885	
Per dozen	$4 30	5 20	6 35	17 95	

1346B **QUIRTS.**

New page dated Oct. 1, 1906.

Nos.	202	204	206	208	210	212	214
Dozen	$4 10	4 10	5 00	5 00	6 95	2 30	7 20
Nos.	216	218	220	222			
Per dozen	$9 70	10 85	13 70	erase			
Nos.	224	226	228				
Per dozen	$16 00	15 10	erase				

1346C **WAGON WHIPS.**

New page dated Oct. 1, 1906.

Nos.	700	750	800	850	900
Per dozen	$6 30	7 15	7 95	8 70	9 50

Mule Skinners.

Nos.	1005	1010	1015	1020
Per dozen	$11 85	12 70	18 25	20 15

Drover Whips.

Nos.	1050	1055	1056	1057
Per dozen	$7 40	11 15	11 85	14 40

1346D **DROVER WHIPS.**

New page dated Oct. 1, 1906.

Nos.	1060	1065	1070	1075	1076	1080
Dozen	Erase	erase	18 70	18 70	22 20	22 20
Nos.	1081	1085	1086	1090	1091	
Per dozen	$24 80	29 50	33 05	30 20	33 05	

1347 **WHIP STOCKS.**

New page dated Oct. 1, 1906.

Nos.	3	4	5	10	15
Per dozen	$0 80	1 00	1 20	1 40	1 55
Nos.	20	25	30	35	40	45
Per dozen	$2 85	3 15	erase	5 35	6 20	6 55
Nos.	50	55	60			
Per dozen	$4 05	4 85	8 55			

WHIP LASHES.

Feet	4	5	6	7
No. 40	per dozen	$0 75	90	1 10
No. 55				Erase
No. 50	"	1 20	1 55	1 85	2 15
No. 60	"	1 20	1 55	1 85	2 15
No. 45	"	80	1 00	1 15	
No. 70	"	Erase	Erase	Erase	
No. 75	"	2 30	2 75	3 20	
Nos.	2410	2412	2510	2512	2910	2912
Dozen	$4 85	5 80	6 00	7 24	12 95	15 50
Nos.	2916	2920	3010	3012		
Per dozen	$24 15	29 30	16 40	erase		
Nos.	3210	3212	3614	3616		
Per dozen	$28 45	33 65	44 85	51 75		

WHIP CRACKS.

No. 1 ..... per gross $0 70
No. 5 ..... " 2 30

In a great many instances we have quoted discounts, for convenience, on lines which are sold at net prices. All such goods will be billed net.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

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WHIP RACKS.

New page dated Oct. 1, 1906.

Nos.	10	60	14
Per dozen	$2 55	5 75	3 10

WHIP SOCKETS.

Nos.	27	226	2	19	225
Per dozen	$0 60	85	70	85	90
Nos.	35	45	50	60	
Per dozen	$1 00	1 05	2 05	3 45	

FOLDED HAND PARTS.

Nos.	305	306	310	311	315	316
Per pair	$1 35	1 35	1 55	1 55	2 00	2 00
Nos.	320	321				
Per pair	$2 00	2 00				
Nos.	3	13	1			
Per dozen pairs	$8 05	8 05	8 80			

BACK BAND HOOKS.

Nos.	13½	14	23½	24
Per dozen pairs	$0 33	35	80	1 00

SWEAT PAD HOOKS.

No. 200 ..... per dozen $0 11

1348A **AWL HAFTS.**

Nos.	H141	H241	H140½	H141½
Per dozen	$0 50	66	55	55

AWLS.

Nos.	H3	H1	H6	H5	H8
Each	$0 30	40	22	35	35

CLAW TOOLS.

Nos.	H122	H124	H124½
Each	$0 30	40	40

CREASERS.

Nos.	H20	H22—1 to 5	H22½—1 to 5
Each	$0 23	55	55

TICKLERS.

No. H12—1 to 5 ..... each $0 25

OVERSTITCH WHEELS.

No. H40—5 to 10 ..... each $0 80
Change No. 40 to read "H40."

1348B **EDGE TOOLS.**

Nos. H125 to H128 ..... each $0 20
The size of Edge Tools are as follows:

Nos.	H125	H126	H127	H128
Sizes	1	2	3	4

CHANNELERS.

No. H31	each $1 00
No. H208	" 1 50

COMPASSES.

Nos.	H26	H30	H30½
Each	$0 55	80	1 60

SADDLERS' HAMMERS.

No. H56 ..... each $0 80

PAD SCREW PLIERS.

No. H102 ..... each $0 90

PINCER PLIERS.

No. H99 ..... each $0 70

SADDLERS' PINCERS.

No. H104 ..... each $1 20

SPRING PUNCHES.

Nos. H151 to H157 ..... each $0 70

REVOLVING PUNCHES.

No. H164	each $1 20
No. H166	" 1 45

1348C **ROUNDERS.**

No. H114	each $2 50
No. H110	" 3 80

BAG AND TRACE PUNCHES.

Nos. H64, H65, H66, H67 and H68.....each $0 70
Nos. H81, H82 and H84..... " 1 00
Change No. H151 Bag Punches to read as follows: "No. H64—¼-in., No. H65—⅝-in., No. H66—¾-in., No. H67—⅞-in., and No. H68—1-in."
Change No. H152 Trace Punches to read as follows: "No. H81—1⅛-in., No. H82—1¼-in., and No. H84—1½-in."

GLASS SLICKERS.

No. H167 ..... each $0 60

SQUARE POINT AND CAP KNIVES.

Nos.	H76	H77	H79	H80
Each	$0 25	40	25	40

DRAW GAUGES.

No. H51½	each $1 10
No. H52½	" 1 35

1348D **HEAD KNIVES.**

No. H71	each $0 55
No. H75	" 65

ROUND KNIVES.

Sizes	5	6	6½
No. H70	each $1 10	1 25	1 50

SPLITTING KNIVES.

Nos.	H86—6 In.	H86—8 In.	H171—8 In.
Each	$4 15	5 05	6 90
Nos.	H171—10 In.		H171—12 In.
Each	$8 25		9 65

STITCHING HORSES.

No. H500 ..... each $3 20

1348E **WEBBING.**

New page dated Oct. 1, 1905.

Nos.	203	204	210	211	216	300 to 310
Per bolt	$0 42	46	82	92	1 30	1 25
Nos.	320	321	350	351	360 to 366	370
Per bolt	$0 92	1 15	2 10	2 55	4 60	2 55
Nos.	380	381	385	386	387	
Per bolt	$1 10	1 50	38	42	50	

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WHITE BACK BANDS.

Nos.	23	23½	24	123½	124
Per bolt	$0 70	75	92	1 50	1 75
Nos.	13½	14		113½	114
Per bolt	$0 94	1 10		1 87	2 20
Nos.	03½	04		103½	104
Per bolt	$1 40	1 60		2 75	3 25

WEB TRUNK STRAPS.

Nos.	7	8	9	10
Per dozen	$2 65	2 80	3 00	3 15

1348F **ENAMELED AND RUBBER CLOTH.**

New page dated Oct. 1, 1905.

Nos.	$00	802	804B	806G	810
Per lineal yard	$0 20	31	40	40	41
Nos.	812B	814G	824		826
Per lineal yard	$0 47	47	49		51
Nos.	828	826B	826G	930	934
Per lineal yard	$0 54	62	62	63	67

KERSEY.

Nos.	23	24	15	PA	E1½
Per lineal yard	$1 00	1 15	1 27	1 55	erase

RATTAN SADDLE REEDS.

Nos.	6	7	8
Per dozen	$0 15	19	21

ROBE LINING.

No. 60 ..... per lineal yard $1 15

SHEET FELT.

Nos.	25	30	35
Per sheet	$0 75	1 45	1 75

SKINS.

No. 1	each $1 85
No. 5	" 4 65

We do not cut skins.

HAIR.

No. 10	per pound $0 10
No. 15	" 30

CRUPPER DOCKS.

Nos.	500	505	510	515	525	530	540
Dz.	1 30	1 60	1 60	2 00	Erase	Erase	2 60

1348G **COTTON WEB SURCINGLES.**

New page dated Oct. 1, 1905.

Nos.	21	25	10	12	113
Per dozen	$1 40	2 20	3 45	3 80	2 00
Nos.	114	115	30	33	73½
Per dozen	2 50	2 80	2 00	3 70	5 05

COTTON WEB BUCKLE GIRTHS.

Nos.	40	46	48	50
Per dozen	$1 05	1 30	1 45	2 15

COTTON WEB RING GIRTHS.

Nos.	20	24	26	30
Per dozen	$0 85	1 15	1 15	1 55

LARIATS.

Nos.	40	50	140	150
Per dozen	$11 10	13 10	13 10	15 10

1348H **CINCHAS.**

Nos.	319	322	326	432	255	242	420	421
Doz.	$1 45	1 60	2 10	2 60	4 55	5 00	2 00	2 30
Nos.	369	370	198	200	180	182	183	184
Doz.	$2 00	2 30	2 40	2 60	3 15	3 45	3 75	4 30
Nos.	160	163	151	152	98	99	44	45
Dz.	$4 90	7 25	5 50	6 20	Erase	4 15	7 75	10 25
Nos.	2	4	2T	4T	9	540		
Per doz.	$11 40	16 55	Erase	20 85	Erase	Erase		
Nos.	1840X	1846						
Per dozen	Erase	Erase						
For one tongue	add $0 10							
For two tongues	" 18							

1348I **SADDLE BLANKETS.**

New page dated March 1, 1907.

Nos.	100	101	102	105
Per dozen	$1 90	4 10	5 40	6 10
Nos.	108	120	122	124
Per dozen	$9 00	4 90	5 80	11 05
Nos.	130	131	132	133	134
Per dozen	$10 80	Erase	Erase	13 30	Erase

1348J **SADDLE BLANKETS.**

New page dated March 1, 1907.

Nos.	140	145	146	150
Per dozen	Erase	Erase	Erase	10 80
Nos.	151	155	156	160
Per dozen	$13 70	12 95	12 95	11 15
Nos.	161	200	201	202	203
Per dozen	$11 15	9 00	9 00	14 40	14 40

1340 **GIG AND COACH HOUSINGS.**

Nos.	100	103	105	108	109
Per dozen	$0 97	1 54	1 75	Erase	2 50
Nos.	110	112	114	115	116
Per dozen	$1 30	1 40	1 60	1 60	2 30
Nos.	118	120	122	126	140
Per dozen	$2 75	2 75	3 45	3 45	4 20

1350 **SHAPED GIG AND COACH HOUSINGS.**

Nos.	145	148	150	155	160
Per dozen	$5 35	6 15	4 60	5 75	5 35
Nos.	162	170	173	175	185
Per dozen	$6 50	6 30	6 49	7 05	6 90

1351 **GIG AND COACH HOUSINGS.**

Nos.	130	134	136	138
Per dozen	$3 45	5 34	4 20	5 75

EXPRESS HOUSINGS.

Nos.	301	302	303	310	311	312
Per dozen	$3 05	3 45	3 84	4 20	4 60	5 00
Nos.	315	320	321	325	326	
Per dozen	$4 20	Erase	Erase	$5 35	6 00	

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1352 **BREAST COLLAR HOUSINGS.**

Nos.	200	205	210	215	230
Per dozen	$2 10	2 70	2 45	4 05	6 90
Nos.	260	220	222	224	
Per dozen	$9 95	2 75	5 40	6 00	

1353 **PADS.**

New page dated March 1, 1909.

TOP COLLAR.

Nos.	550	600	650	700	750	800
per dozen	$3 60	3 60	3 60	3 60	4 65	4 65
Nos.	850	32	34	36	38	40
Per dozen	$4 65	3 95	4 30	4 65	5 75	6 35
Nos.	20	22	24	26	28	30	10
Per dozen	$2 00	2 55	2 75	2 85	3 60	3 95	85
Nos.	12	14	16	18	908	909	
Per dozen	$1 10	1 20	1 40	1 80	5 90	7 85	

BRIDGE NECK.

Nos.	80	50	60	70	90
Per dozen	$3 45	4 30	5 05	7 50	8 30

CART SADDLE.

No. 102 ..... per dozen $4 45

HORSE COLLAR, SWEAT.

Nos.	211	212	411	511	512	114
Per dozen	$2 65	2 90	2 75	2 95	3 15	3 35

1354 **HORSE COLLAR SWEAT PADS.**

New page dated March 1, 1909.

Nos.	809	911	912	1211	1312
Per dozen	$3 75	4 00	4 30	4 75	6 35
Nos.	1412	2012			
Per dozen	$8 20	3 00			
Nos.	2	11	1509		
Per dozen	$5 75	8 40	3 95		
Nos.	1510	1710	2008	1910	
Per dozen	$4 30	5 40	4 65	8 05	

1355 **HORSE COLLARS.**

New page dated March 1, 1909.

Inches	18 to 22		23	24
No. 10	per dozen		Erase	Erase
No. 14	"		Erase	Erase	Erase
No. 16	"		$9 60	10 75	11 50
No. 20	"		13 10	14 70	15 70
No. 24	"		19 20	21 55	23 00
No. 26	"		Erase	Erase	Erase
No. 28	"		26 10	29 40	31 35
No. 30	"		31 40	35 30	37 65
No. 33	"		28 10	31 65	33 70

1356 **HORSE COLLARS.**

New page dated March 1, 1909.

Inches	16 to 22		23	24
No. 34	per dozen		$34 25	38 55	41 10
No. 44	"		30 00	35 70	38 05
No. 039	"		54 28	49 85	53 20
No. 50	"		34 85	39 22	41 80
Inches	18 to 22		23	24
No. 56	per dozen		$45 55	51 25	54 70
No. 60	"		47 15	53 02	56 58
No. 70	"		48 65	54 74	58 40
No. 72	"		52 90	59 51	63 50
No. 78	"		54 00	60 75	62 85

1356A **HORSE COLLARS.**

New page dated March 1, 1909.

Inches	18 to 22		23	24
No. 80	per dozen		$62 85	70 65	75 40
No. 82	"		Erase	erase	erase
Inches	16 to 22		23	24
No. 114	per dozen		$21 35	24 05	25 65
No. 116	"		23 85	26 85	25 65
No. 118	"		26 75	30 00	32 10
No. 130	"		23 60	26 40	28 25
No. 132	"		26 45	29 70	31 75
No. 110	"		11 00	12 35	13 15
No. 113	"		21 35	24 05	25 65
No. 134	"		26 40	29 70	31 65
No. 136	"		29 20	32 90	35 10
No. 138	"		33 35	37 50	41 00
No. 162	"		44 85	50 50	59 50
No. 164	"		50 55	56 40	60 05

1357 **LEADS, TIES AND HALTERS.**

New page dated March 1, 1907.

Nos.	530	540	545	546	547	524J
Per dozen	$0 75	80	85	90	1 00	75
Nos.	524S	530S	525J	525S	535S	501
Per dozen	$0 80	1 65	1 65	1 85	2 45	2 05
Nos.	502	505	88	302	173	175
Per dozen	$2 30	1 85	1 20	1 80	2 00	2 00

1358 **HALTERS.**

New page dated March 1, 1907.

Nos.	550	560	567	565	555	557
Per dozen	$1 70	2 75	2 40	3 05	1 65	2 30
Nos.	500	507	600	601	610	611
Per dz.	$8 60	9 30	7 25	8 65	10 80	13 45

Remember that these are not our lowest prices, but are sufficiently accurate to enable you to take orders for goods not carried in stock.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

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LEATHER HALTERS.

New page dated March 1, 1907.

Nos. .. 508	512	514	518	522	524	
Doz.	$8 50	9 90	12 25	12 95	14 95	17 95
Nos. .. 608	612	614	618	622	624	
Doz.	$8 50	9 90	12 25	12 95	14 95	17 95
Nos.	528	532	534	548	552	554
Doz.	$9 90	11 62	13 95	10 70	12 90	15 35
Nos.	568	572	574	578	582	584
Dz.	$12 10	14 25	16 70	16 40	19 25	22 35
Nos.	668	672	674	678	682	684
Dz.	$12 10	14 25	16 70	16 40	19 25	22 35
Nos.	588	592	660	665		
Per dozen	$9 80	11 95	6 80	6 80		

LEATHER NECK HALTERS.

Nos.	702	704
Per dozen	$10 95	12 35

COW HALTERS.

Nos.	670	675
Per dozen	$5 05	6 35

1360 **SPUR STRAPS.**

New page dated March 1, 1907.

Nos.	10	12	14	16	18	20
Per single dozen	$0 40	46	80	85	85	1 25
Nos.	22	24	26	28	30	32
Single doz.	$1 95	2 05	2 70	3 35	3 45	4 55

LEATHER CUFFS.

Nos.	50	52	54	56	58	60
Dz. prs.	$5 35	7 20	8 35	9 35	10 10	11 00

LEATHER HAT BANDS.

Nos.	80	82	84	86
Per dozen	$1 00	1 70	1 75	2 45
Nos.	88	90	92	94
Per dozen	$2 30	3 27	5 35	5 75

1360A **HARNESS LEATHER.**

New page dated Oct. 1, 1909.

Nos.	15	16	30	32	20
Per pound	$0 50	49	50	48	52
Nos.	21		24	50	52
Per pound	$0 49		52	48	46

RUSSET SKIRTING LEATHER.

No. 120 per pound	$0 60
No. 122 "	58

1360B **SEASONABLE GOODS.**

New page dated Oct. 1, 1909.

Write up on Horse Blankets, Robes, Dusters, etc.

1360S **WATERPROOF HORSE COVERS.**

New page dated March 1, 1908.

Nos.	5000	5003	5005	5010	5013
Per dozen.	$18 00	20 85	25 90	31 60	Erase
Nos.	5015	5020	5023	5030	5035
Per dozen.	$31 60	23 30	25 90	22 55	33 05
Nos.	5040	5045	5048	5050	5053
Per dozen.	Erase	31 60	Erase	Erase	Erase

1360T **STORM APRONS, FRONTS AND HOODS.**

New page dated March 1, 1908.

Nos.	46	47	41	73	
Per dozen	$10 60	11 50	14 05	16 10	
Nos.	48	42	85	5	4
Per dozen	$13 80	18 40	14 35	25 50	29 00
Nos.	3	55	50	80	6
Per dozen	$33 60	Erase	Erase	20 70	10 80

1360YA **SINGLE STRAP GIG SADDLES.**

New page dated March 1, 1907.

Nos.	410	415	420	422	425	428
Each	Erase	Erase	Erase	Erase	Erase	Erase
Nos.	428½	429	430	430½	432	435	436
Each	Erase	Erase	Erase	Erase	Erase	Erase	Erase

1360YB **SINGLE STRAP GIG SADDLES.**

Nos.	445	447	455	456
Each	Erase	Erase	Erase	Erase

"KAY" PATTERN STRAP SADDLES.

Nos.	460	470	474	490
Each	Erase	erase	3 30	4 40

1360YC **FULL PAD GIG SADDLES.**

Nos.	500&501	502&503	510	512	520
Each	$1 25	1 40	1 80	1 95	erase
Nos.	525	550	560	562	563
Each	Erase	Erase	Erase	Erase	Erase

1360YD **"KAY" SADDLES.**

Nos.	610	615	616	620	625	626
Each	Erase	Erase	Erase	Erase	Erase	Erase

FLEXIBLE SADDLES.

Nos.	705	708	710	715
Each	Erase	Erase	Erase	Erase

1360YE **SURREY AND COUPE SADDLES.**

Nos.	800	801	810	811
Each	Erase	erase	erase	erase
Nos.	820	821	830	831	835
Each	$4 50	4 90	erase	erase	5 55
Nos.	836	837	850	851	
Each	$6 05	erase	erase	erase	
Nos.	852	853	854	855	
Each	Erase	Erase	Erase	Erase	

The purpose of this book is to give an "idea" of actual values.

Page 1360YEA **EXPRESS SADDLES.**

New page dated March 1, 1907.

Nos.	910	911	913	917	918	919
Each	Erase	erase	erase	3 50	3 80	4 40
Nos.	920	921	922	923	930	931
Each	Erase	Erase	Erase	Erase	2 05	2 30
Nos.	932	935	936	937	938	942
Each	$2 55	3 20	3 70	4 05	4 25	erase
Nos.	943	944	950	951	952	953
Each	Erase	erase	erase	erase	5 90	6 35
Nos.	954	960	961	962	963	964
Each	$6 95	erase	erase	5 90	6 35	6 95

1360YF **COACH PADS.**

Nos.	700	701	706	710
Per pair	$1 45	1 45	1 60	1 80
Nos.	711	720	721	730
Per pair	$1 95	2 20	2 30	erase
Nos	735	740	741	751&752	753	754
Per pair	Erase	3 05	3 60	2 40	2 75	3 05

1360YG **COACH AND TEAM PADS.**

Nos.	783	784	785	793	794	795	900
Per pair	Erase	erase	6 80	5 45	6 15	6 80	1 55
Nos.	905	910	4	3	5	915	
Per pair.	$1 55	1 65	erase	erase	erase	1 30	

1360Yh **TEAM PADS.**

Nos.	920	925	930	935	940
Per pair	$1 55	2 65	3 80	4 50	3 80
Nos.	945	950	955	960	965
Per pair	$4 50	2 65	3 35	3 90	4 40

1360YI **BRIDLE FRONTS.**

Nos.	125	126	129	130	135	136	137
Doz.	$0 98	1 15	1 05	1 20	1 20	1 45	1 78
Nos.	138	139	140	141	142	143	144
Doz.	$2 25	1 27	1 60	1 60	1 65	2 00	2 45
Nos.	145	150	151	152	153	154	155
Doz.	$2 90	1 60	1 60	1 75	2 00	2 45	2 90
Nos.	160	161	220	221	222	230	231
Doz.	$1 45	1 60	1 15	1 28	1 55	1 45	1 60
Nos.	232	250	251	252	255	256	257
Doz.	$1 60	1 45	1 60	1 85	1 45	1 60	1 85

1360YJ **HARNESS BLINDS.**

Nos.	310	312	320	322	325	327	335
Doz. pairs	$3 55	3 90	3 40	3 55	3 80	3 90	4 50
Nos.	336	340	341	350	351	355	356
Doz. pairs	$4 60	5 45	5 75	6 05	6 80	6 80	7 55
Nos.	360	361	365	366	370	371	374
Doz. pairs	$5 45	6 05	6 80	7 60	5 45	6 05	5 45
Nos.	375	390	205	206	215	216	290
Doz. pairs	$6 05	3 80	3 35	3 65	3 45	3 80	6 80
Nos.	291	292	293	285	286	287	
Per dozen pairs	$7 55	6 80	7 55	3 05	3 40	3 80	

1360YL **BRIDLE CHEEKS.**

New page dated March 1, 1907.

Nos.	70	71	72	73	170	171
Doz. pairs	Erase	Erase	Erase	6 25	5 50	5 50
Nos.	175	176	177	180	181	182
Doz. pairs	$6 80	6 80	8 30	6 80	6 80	8 30

ROUND WINKER BRACES.

Nos.	5	6
Per dozen	$2 00	2 60

BRIDLE CROWNS.

Nos.	16	17	25
Per dozen	$2 70	3 20	2 65

OVERCHECKS.

Nos.	103	104	106	107	108	110	111
Doz.	$5 45	5 45	6 90	6 90	7 90	7 90	7 90
No. 112	per dozen $10 00						

BRIDLE REINS.

Nos.	150	151	160
Per dozen	$9 00	9 00	9 20

TEAM BRIDLE ROUNDS.

Nos.	60	61
Per dozen	$2 70	3 10

1360YM **BUGGY BRIDLES.**

New page dated March 1, 1907.

Nos.	300	301	302	306	307	
Each	$1 40	1 45	1 45	Erase	Erase	
Nos.	308	310	311	316	317	
Each	Erase	1 30	1 30	1 80	1 80	
Nos.	318	326	327	332	331	
Each	$2 10	erase	erase	erase	2 60	
Nos.	340	20	21	28	29	31
Each	$4 60	1 15	1 15	1 95	2 40	2 40

Change No. 336 to read No. 331.

1361 **BRIDLES.**

New page dated March 1, 1907.

Nos.	40	41	42	45	46	
Each	$2 55	2 55	2 90	2 55	2 55	
Nos.	89	91	93	75	78	79
Each	$3 70	3 70	3 70	2 65	3 35	3 35
Nos.	100	103	104			
Per dozen	$11 10	15 90	17 35			
Nos.	106	107	80	81		
Per dozen	$21 75	22 80	34 15	34 15		

1362 **TEAM BRIDLES.**

New page dated March 1, 1907.

Nos.	108	109	110	111	112	
Per dozen	$6 70	8 05	7 15	8 40	9 80	
Nos.	114	116	117	0114	0116	
Per dozen.	$10 85	10 40	13 80	12 80	12 95	
Nos.	0117	119	122	123	124	
Per dozen	$15 00	16 60	18 50	erase	25 80	
Nos.	126	132	133	136		
Per dozen	$23 45	Erase	Erase	Erase		

Page 1363 **BRIDLES.**

New page dated March 1, 1907.

Nos.	140	141	145	146	147	
Per dozen	$26 80	Erase	28 05	28 80	28 05	
Nos.	148	200R	202R	203R	206R	
Per dozen.	$28 80	Erase	9 95	11 15	13 10	
Nos.	207R	208	211	212	213	220
Doz.	$9 95	12 15	13 10	11 65	12 95	13 85
Nos.	221	222	226	227	230	234
Doz	$15 60	17 25	18 05	30 15	21 75	31 10

1364 **RIDING BRIDLES.**

New page dated March 1, 1907.

Nos.	240	250	255	260
Per dozen	$34 45	Erase	Erase	34 20
Nos.	266	269	245	248
Per dozen	$18 10	19 55	27 15	75 45

1364A **BRIDLES.**

New page dated March 1, 1907.

Nos.	320R	321R	330	410	415
Per dozen	Erase	17 70	24 45	13 10	20 85
Nos.	276	282	284	286	288
Per dozen	$14 95	29 50	68 25	38 10	71 65
Nos.	420	425	485	493	496
Per dozen	$31 80	58 00	6 35	11 25	15 25

RIDING BRIDLE REINS.

Nos.	450	451	460	461
Per dozen	$6 05	6 70	9 45	10 35

1364B **TEAM HAME STRAPS.**

New page dated March 1, 1907.

Nos.	450	451	452	454	455	456
Per dozen	$0 85	1 05	1 15	1 30	1 55	1 80
Nos.	457	458	459	460	461	462
Per dozen	$2 10	2 30	Erase	1 65	1 70	2 25
Nos.	463	464	465	466	467	
Per dozen	$2 60	2 30	2 65	Erase	3 30	

BUGGY HAME STRAPS.

Nos.	468	469	470	471
Per dozen	$1 40	1 60	1 40	1 60

RAWHIDE HAME STRINGS.

Erase all numbers.

LAZY STRAPS.

Nos.	400	401
Per dozen	$3 60	3 95

CRUPPER FORKS.

No. 10 per dozen	$5 25

BREECHING SIDE STRAPS.

Nos.	399	400	401	402	403
Per single dozen	$2 60	3 35	3 80	4 35	Erase
Nos. 404, 405, 406, 407, 408	Erase				
Nos.	409	410	411	412	413
Per single dozen	Erase	Erase	2 80	3 55	4 10
Nos.	414	420	421	422	425
Per single dozen	$4 65	4 85	5 40	6 10	Erase
Nos.	426	427	440	441	442
Per single dozen	Erase	Erase	4 80	5 30	6 70

CURB STRAPS AND FACE PIECES.

Nos.	20	22	30	50
Per dozen	$1 05	1 30	1 05	4 25

1365 **POLE STRAPS.**

New page dated March 1, 1907.

Nos.	300	301	304	305	306
Per single dozen	$5 00	5 65	5 75	6 50	7 80
Nos.	307	312	315	321	322	323
Per single doz.	$9 20	7 55	8 80	erase	erase	erase

CHOKE STRAPS.

Erase all Nos. except 363....per dozen $7 50

COW BELL STRAPS.

1½x42 in. per dozen	$3 30
1¾x42 in. "	3 55

TEAM MARTINGALES.

Nos.	352	353	354	355	356
Single dozen	$8 35	9 80	10 50	11 55	18 85

COLLAR STRAPS.

Nos.	400	401	402
Per single dozen	$1 95	2 10	2 25

1366 **BREAST STRAPS.**

New page dated March 1, 1907.

Nos.	204	205	206	207	208
Per single dozen	$5 35	6 15	6 15	6 70	7 85
Nos.	209	214	215	216	203
Per single dozen	$9 20	8 35	9 65	11 30	4 90

BREAST STRAP EXTENSIONS.

No. 225 per single dozen	$1 55
No. 226 "	5 30

1367 **NECK YOKE STRAPS.**

New page dated March 1, 1907.

Nos.	502	503	504	505
Per single dozen	$4 75	5 50	5 25	5 00
Nos.	508	509	510	511
Per single dozen	$6 10	7 25	6 10	7 25

CARRIAGE POLE STRAPS.

Nos.	10&20	11&21	12&22
Per single dozen	$20 70	22 90	25 00

SHAFT TUGS.

Nos.	28&38	77	87	97	78	88
Per pair	$0 50	58	58	80	65	65
Nos.	98	148	158	168	178	169
Per pair	$0 85	75	75	80	80	85
Nos.	189	228	238	248	312	322
Per pair	$0 85	85	85	1 15	95	1 10
Nos.	314	324	352	362	354	364
Per pair	$1 10	1 15	1 40	1 40	1 50	1 50

BELLY BANDS.

Nos.	148	157	177	187	268	278
Each	$0 85	85	1 05	1 05	80	80

Page

1368 **BELLY BANDS.**
New page dated March 1, 1907.

Nos.	27	37	47
Per pair	$0 95	1 10	1 05
Nos.	54 64	12 14	16 18
Per dozen	$6 20 6 20	3 90 4 90	5 70 6 80

CHAIN PIPING.

Nos.	130	136	142
Per pair	$1 15	1 30	1 45

BACK BANDS.

Nos.	503	503½	504	512½
Per dozen	$8 45	9 90	10 75	8 70
Nos.	513	523	523½	524
Per dozen	$10 10	9 85	11 20	12 65

1369 **BACK BANDS.**
New page dated March 1, 1907.

Nos.	2393½	2394	1393½	1394
Per dozen	$0 65	75	80	95
Nos.	1424	0394	0424	2393½D 2394D
Per dozen	$1 05	1 30	1 45	1 05 1 15
Nos.	1393½D	1394D	1424D	2393½P 2394P
Per dozen	$1 15	1 35	1 45	1 60 1 80
Nos.	1393½P	1394P	1424P	0394P 0424P
Per dozen	$1 80	1 95	2 05	2 35 2 50
Nos.	2394B	1394R	425K	395H 425B
Per dozen	$4 30	4 50	Erase	3 15 Erase

1370 **HAME TUGS.**
New page dated March 1, 1907.

Nos.	204	206	224	226	212	213
Per set	$2 40	2 80	2 65	2 95	2 90	2 90
Nos.	214	215	234	236	254	256
Per set	$3 35	3 35	2 35	4 60	3 80	4 30
Nos.	264	266	274	276	284	286
Per set	$3 90	4 50	4 80	5 25	4 85	5 35

1371 **HAMES AND HAME TUGS.**
New page dated March 1, 1907.

Nos.	10	11	12	13	14	15
Per pair	$1 40	1 45	1 50	1 30	1 40	1 45
Nos.	16	17	18	19	20	
Per pair	$2 00	2 10	2 20	2 10	2 20	
Nos.	21	40	41	44	45	
Per pair	$2 25	3 10	3 10	2 65	2 80	

HAMES AND TUGS.

Nos.	60	61	62	63	65	66
Per pair	$3 20	3 60	3 20	3 60	2 65	2 90
Nos.	67	68	69	70	71	72
Per pair	$2 60	2 80	3 10	3 35	3 10	3 50

1372 **BREAST COLLARS AND TRACES.**
New page dated March 1, 1907.

Nos.	255A	260R	260S	263R	263S
Each	$2 20	2 55	2 55	2 70	2 70
Nos.	265R	265S	280R	280S	295R 295S
Each	$2 70	2 70	3 10	3 10	4 30 4 30

BREAST COLLARS.

Nos.	52	53	54	55
Each	$2 00	2 25	2 00	2 25
Nos.	80	82	83	84
Each	$2 65	3 10	2 60	2 95
No. 91	per set			$6 50
No. 93	"			6 50

1373 **BREECHING.**
New page dated March 1, 1907.

SINGLE BUGGY.

Nos.	355A	360R	360S
Each	$2 20	2 75	2 75
Nos.	380R	380S	395R 395S
Each	$3 05	3 05	3 45 3 45

DOUBLE BUGGY.

No. 638R	per set	$6 05
No. 638S	"	6 05

DOUBLE SPRING WAGON.

No. 726B	per set	$5 30
No. 726E	"	5 70

SINGLE EXPRESS.

Nos.	735B	736B	830E
Each	$3 05	3 45	4 20

1374 **BREECHING.**
New page dated March 1, 1907.

Nos.	250	252	255	302	303	304
Per set	$3 60	3 60	4 05	4 30	4 60	5 20
Nos.	311	312	313	867B	863A	
Per set	Erase	erase	erase	7 55	9 45	

1375 **BREECHING.**
New page dated March 1, 1907.

Nos.	340	341	342	343	370	372	378
Set	$3 75	4 50	5 25	5 80	3 90	4 30	8 70

HIP AND BACK STRAPS.

Nos.	626B	632B	620B	604B	605B	606B
Per set	$2 65	2 80	3 00	2 95	3 35	3 85

1376 **BREECHING.**
New page dated March 1, 1907.

Nos.	420	421	422	423
Per set	$2 20	2 00	erase	3 20

TURNBACKS.

Nos.	600B	601B	630B	602B	603B	610B
Each	$0 70	70	75	75	75	75
Nos.	658B	611B	170R	195R	171R	196R
Each	$0 75	75	80	1 10	95	1 30

Page

DRIVING MARTINGALES.

No. 500	each	$0 60

CART OR DRAY SADDLES.

No. 3	each	$3 45
No. 1	"	7 40

CART SHAFT BANDS.

No. 5	each	$1 15

1377 **DOUBLE TEAM LINES.**
New page dated March 1, 1907.

Nos.	200	201	202	203	204	205
Per pair	$1 95	2 20	2 40	2 70	2 15	2 40
Nos.	206	207	208	209	210	211
Per pair	$2 70	3 05	2 30	2 55	2 90	3 30
Nos.	212	213	216	217	218	220
Per pair	Erase	Erase	Erase	2 95	3 20	Erase
Nos.	221	222	223	224	225	226
Per pair	Erase	Erase	Erase	2 80	3 00	3 50
Nos.	227	228	229	230	232	233
Per pair	$3 90	3 10	3 50	3 90	2 70	Erase
Nos.	236	237	238	239	240	241	242
Pair	Erase	3 35	3 70	4 35	3 25	3 60	4 05
Nos.	243	244	245	246	248	249	255
Pair	$4 60	3 95	4 25	4 50	3 90	4 35	Erase

1378 **LINES.**
New page dated March 1, 1907.

Nos.	10	11	18	20	25
Per pair	$1 50	1 75	1 85	1 85	2 05
Nos.	26	27	35	36	37
Per pair	$2 05	2 10	2 20	2 20	2 30
Nos.	28	29	30	55	56
Per pair	$2 30	2 30	2 40	3 75	3 80
Nos.	66	67	70	71	80
Per pair	$3 35	3 35	2 05	2 20	3 40

1379 **LINES.**
New page dated March 1, 1907.

Nos.	110&111	120&121
Per set	$3 80	4 55
Nos.	135 136	159 160
Per set	$7 15 7 55	8 55 8 35

TRACES.

Nos.	2	7	8	11	12	15	16
Pair	$1 30	1 90	2 20	2 10	2 30	2 40	2 60

1380 **COACH TRACES.**
New page dated March 1, 1907.

No. 26	per set	$8 70
No. 27	"	9 45

EXPRESS TRACES.

No. 35	per pair	$2 75
No. 37	"	3 45

TEAM TRACES.

Nos.	75	76	77	78	80	81	82
Set	$4 85	5 70	6 55	6 15	6 10	6 70	8 00
Nos.	85	86	100	101	103	104	105
Set	$7 50	8 75	6 15	7 00	7 30	8 15	9 80

1381 **SINGLE TRUCK TRACES.**
New page dated March 1, 1907.

Nos.	53	54	58
Per pair	$4 85	5 55	6 65

DOUBLE TRUCK TRACES.

Nos.	115	116	120	121
Per set	$11 40	12 95	15 75	17 70

LUMBER TRACES.

Nos.	135	136	137
Per set	$14 75	17 85	16 30

1382 **HITCHING STRAPS.**
New page dated March 1, 1907.

Nos.	100	101	102	105	106
Per dozen	$2 55	3 05	3 60	2 80	3 25
Nos.	107	110	111	112	
Per dozen	$3 80	3 10	3 70	4 15	

HALTER STRAPS.

Nos.	115	116	117	118	120	121	122
Doz.	$3 60	4 25	4 85	5 45	3 75	4 40	5 25

WEIGHT STRAPS.

Nos.	130	131	132
Per dozen	$6 65	7 50	8 55

No. 1—Hitching Weights.....per pound $0 03½

1383 **HAME HOUSINGS.**
New page dated March 1, 1907.

No. 920	per single dozen	$13 90
No. 921	" "	13 90
No. 1000	per pair	$ 9 45
No. 1003	"	11 75

LETTERING FOR HOUSINGS.

Inches	1	1¼	1½
Brass or Nickel	each $0 10	13	15

HOBBLES.

Nos.	800	802	812	804	805	810	815
Doz.	$3 80	5 20	5 30	5 75	7 05	6 85	8 30

GEORGIA SLIP HARNESS.

Nos. 27 and 28	Erase

1384 **PACK SADDLES.**
New page dated March 1, 1907.

Nos.	380	383	388	389
Each	$3 60	4 25	5 50	5 70

CART HARNESS.

Nos.	250B	250BO	251B	251BO
Per set	$20 30	17 55	26 45	22 30

Page

1399 **CORRECT NAME HARNESS.**
This page shows correct names of harness parts.

1400 **TALK ON HARNESS.**
LEATHER AND STITCHING.

1401 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	5Q	7Q	10P&10Q	10A&10B
Per set	$3 25	3 75	5 90	6 95

1402 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	14B	30B	30BO	55R	55S
Per set	$7 60	10 15	9 20	9 00	9 00

1403 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	31B	31BO	63R	63S	33B	33BO
Set.	$10 80	9 85	10 85	10 85	12 35	10 65

1404 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	68D	68DO	35B	35BO	65R&65S
Per set	$12 80	11 10	12 75	11 25	11 45

1405 **HARNESS.**
New page dated Oct. 1, 1909.

• Nos.	73R	73S	80R	80S	80CC
Per set	$11 70	11 70	12 30	12 30	15 20
Nos.	86C	86CO	86D	86DO	
Per set	$14 95	13 05	14 95	13 05	

1406 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	85R&85S	85CC	87R&87S	95R&95S
Per set	$13 05	15 35	13 05	13 80

1407 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	101R&101S	97S&97T	102R	102CC
Per set	$14 85	14 95	15 20	17 50

1408 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	104S&104T	110R	110CC	113D&113E
Per set	$15 65	16 75	19 05	16 70

1409 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	112W	112CC	162C	162CO
Per set	$18 30	20 60	20 15	17 60
Nos.	162D	162DO	108S	108T
Per set	$20 15	17 60	19 15	19 15

1410 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	119W	119CC	123CC	127XX&127CC
Per set	$20 95	23 25	26 40	27 60

1411 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	131S	131T	165D	165DO	165E
Per set	$25 25	25 25	25 70	23 35	25 70
Nos.	165EO	133D	133DO	133E	133EO
Per set	24 35	27 30	23 65	27 30	23 65

1412 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	141D	141DO	141E	141EO	130XXX
Per set	$28 00	24 80	28 00	24 80	31 40
Nos.	155E	155EO	155TT	155TTO	
Per set	$40 20	36 05	44 55	40 40	

1413 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	222B	222BO	226A	226AO
Per set	$15 30	13 70	19 95	18 20
Nos.	226EE	226EEO	227E	227EO
Per set	$20 50	18 80	18 75	16 45

1414 **HARNESS.**
New page dated Oct. 1, 1909.

Nos.	230D	230DO	230E	230EO
Per set	$24 15	21 55	24 15	21 55
Nos.	231D	231DO	231E	231EO
Per set	$21 35	18 70	21 35	18 70
Nos.	Revonoc D	Revonoc DO	Revonoc E	
Per set	$34 90	31 80	34 90	
Nos.	Revonoc EO	Revonoc S	Revonoc T	
Per set	$31 80	31 20	31 20	
Nos.	247D	247DO	247E	247EO
Per set	$38 60	34 40	38 60	34 40

1477 **DOUBLE BUGGY HARNESS.**

Nos.	305B	305BO	305A	305AO
Per set	$18 10	15 85	erase	erase

1478 **DOUBLE BUGGY HARNESS.**

Nos.	308D	308DO	308C	308CO
Per set	$22 80	18 80	22 30	18 80

1479 **DOUBLE BUGGY HARNESS.**

Nos.	312D	312DO	312C	312CO
Per set	$26 15	22 65	26 15	22 65
Nos.	313D	313DO	313C	313CO
Per set	Erase	erase	erase	erase

Every order received will be billed at the lowest market rates regardless of the prices printed in this catalogue.

Page

1480 DOUBLE BUGGY HARNESS.

Nos.	316D	316DO	316C	316CO
Per set	$29 45	25 95	29 45	25 95
Nos.	317D	317DO	317C	317CO
Per set	Erase	erase	erase	erase

1481 DOUBLE BUGGY HARNESS.

Erase entire page.

1482 DOUBLE BUGGY HARNESS.

Nos.	324D	324DO	324C	324CO
Per set	$25 50	21 95	25 50	21 95

1483 DOUBLE BUGGY HARNESS.

New page dated March 1, 1907.

Nos.	326D	326DO	326C	326CO
Per set	$28 30	24 35	28 30	24 35

1484 DOUBLE BUGGY HARNESS.

New page dated March 1, 1907.
Erase entire page.

1485 DOUBLE BUGGY HARNESS.

New page dated March 1, 1907.
Nos. 334R and 334S.....per set $25 30

1486 HEAVY DOUBLE BUGGY HARNESS.

New page dated March 1, 1907.

Nos.	338D	338DO	338C	338CO
Per set	$31 85	27 95	31 85	27 95

1489 DOUBLE SURREY HARNESS.

Erase entire page.

1490 COACH HARNESS.

Erase entire page.

1491 COACH HARNESS.

Erase entire page.

1492 COACH HARNESS.

Erase entire page.

1493 COACH HARNESS.

Erase entire page.

1494 TALK ON HARNESS, ETC.

1499 LIGHT DOUBLE WAGON HARNESS.

No. 420B .....per set $24 75
No. 420BO ..... " 21 40
No. 66 Collar, "change to read No. 24."

1500 LIGHT DOUBLE WAGON HARNESS.

No. 422B .....per set $28 15
No. 422BO ..... " 23 95
Change No. 118 Collar "to read No. 28."

1501 LIGHT DOUBLE WAGON HARNESS.

New page dated October 1, 1905.

Nos.	426B	426BO	426D	426DO	426E	426EO
Set	$32 65	28 40	35 30	32 05	35 30	31 05

1502 LIGHT DOUBLE WAGON HARNESS.

New page dated October 1, 1905.

Nos.	428B	428BO	429E	429EO
Per set	$36 80	32 55	39 45	34 20

1507 DOUBLE CHAIN HARNESS.

New page dated March 1, 1907.
No. 504B .....per set $16 25
No. 504BO ..... " 13 00

1508 DOUBLE CHAIN HARNESS.

New page dated March 1, 1907.
No. 505B .....erase
No. 505BO .....erase

1509 DOUBLE CHAIN HARNESS.

New page dated March 1, 1907.
No. 506B .....per set $21 40
No. 506BO ..... " 17 60

1510 TEAM HARNESS.

New page dated March 1, 1907.
No. 508B .....erase
No. 508BO .....erase

1511 TEAM HARNESS.

New page dated March 1, 1907.
No. 512B .....erase
No. 512BO .....erase

1512 SCRAPER HARNESS.

New page dated March 1, 1907.
No. 507B .....per set $35 90
No. 507BO ..... " 28 05

1515 TEAM HARNESS.

No. 520B .....per set $22 90
No. 520BO ..... " 19 45

1516 TEAM HARNESS.

No. 526B—List $49.30.....per set $26 25
No. 526BO—List $42.00 ..... " 22 40
Change Hames to read No. 226 Wood, Black, Iron overtops, instead of No. 450, etc.
Erase the words round edges from traces.
Change No. 24 collars to read 28.

1519 TEAM HARNESS.

No. 527B—List $49.30 .....per set $26 25
No. 527BO—List $42.00 ..... " 22 40
Hames should read No. 226, wood, black, iron overtops. Traces should read 1½ in., 6 ft. 6 in., double stitched and clip cock eyes.
Change No. 24 Collars to read No. 28.

1520 TEAM HARNESS.

Erase entire page.

Page

1520A TEAM HARNESS.

New page dated March 1, 1907.
No. 528B .....per set $30 70
No. 528BO ..... " 26 80

1520B TEAM HARNESS.

New page dated March 1, 1907.
Erase entire page.

1521 TEAM HARNESS.

Nos.	534B	534BO	535B	535BO
Per set	$32 90	28 05	34 30	29 45

Change the word sensible to read square in description of bridles.
Change No. 460 Hames to read No. 228.

1522 TEAM HARNESS.

Nos.	536B	536BO	537B	537BO
Per set	$32 90	28 05	34 30	29 45

Change No. 469 Hames to read No. 228.

1523 TEAM HARNESS.

Erase entire page.

1524 TEAM HARNESS.

Nos.	540B	540BO	541B	541BO
Per set	$32 90	28 05	34 30	29 45

Change No. 460 Hames to read No. 228.

1524A TEAM HARNESS.

New page dated March 1, 1907.

Nos.	558B	558BO	559B	559BO
Per set	$32 30	27 50	33 75	28 90

1524B TEAM HARNESS.

New page dated March 1, 1907.
Erase entire page.

1525 TEAM HARNESS.

Erase entire page.

1526 TEAM HARNESS.

Nos.	544B	544BO	545B	545BO
Per set	$32 90	28 05	34 30	29 45

Change No. 460 Hames to read No. 228.

1526A TEAM HARNESS.

New page dated March 1, 1907.

Nos.	586B	586BO	587B	587BO
Per set	$32 90	28 05	34 30	29 45

1526B TEAM HARNESS.

New page dated March 1, 1907.

Nos.	588B	588BO	589B	589BO
Per set	$32 90	28 05	34 30	29 45

1527 TEAM HARNESS.

Nos.	546B	546BO	547B	547BO
Per set	$32 90	28 05	34 30	29 45

1528 TEAM HARNESS.

Erase entire page.

1528A TEAM HARNESS.

New page dated March 1, 1907.

Nos.	590B	590BO	591B	591BO
Per set	$34 10	29 45	35 26	30 95

1528B TEAM HARNESS.

New page dated March 1, 1907.

Nos.	592B	592BO	593B	593BO
Per set	$34 60	29 80	36 05	31 20

1529 TEAM HARNESS.

Nos.	550B	550BO	551B	551BO
Per set	$36 34	31 50	37 75	34 30

1530 TEAM HARNESS.

Nos.	552B	552BO	553B	553BO
Per set	$34 40	29 50	35 80	31 00

1531 TEAM HARNESS.

Nos.	555B	555BO	556B	556BO
Per set	$37 60	32 75	39 00	34 30

1532 TEAM HARNESS.

No. 560A .....per set $37 25
No. 560AO ..... " 32 43

1533 TEAM HARNESS.

No. 562A .....erase
No. 562AO .....erase

1534 HEAVY TEAM HARNESS.

No. 563A .....per set $39 65
No. 563AO ..... " 34 95

1534A HEAVY TEAM HARNESS.

Nos.	564A	564AO	565A	565AO
Per set	$37 19	32 35	38 55	33 75

1534B CONCORD TEAM HARNESS.

No. 567B .....per set $31 65
No. 567BO ..... " 27 35
Hames should read No. 232, Iron overtops, with bolts.

1535 CONCORD TEAM HARNESS.

No. 568B .....erase
No. 568BO .....erase

1536 CONCORD TEAM HARNESS.

Erase entire page.

1537 CONCORD TEAM HARNESS

Erase entire page.

1538 CONCORD TEAM HARNESS.

Erase entire page.

Page

1539 DOUBLE EXPRESS OR BUS HARNESS.

Erase entire page.

1540 DOUBLE EXPRESS OR BUS HARNESS

New page dated October 1, 1905.
No. 582E .....erase
No. 582EO .....erase

1545 DOUBLE TRUCK HARNESS.

Erase entire page.

1546 DOUBLE TRUCK HARNESS.

No. 630A .....per set $54 50
No. 630AO ..... " 42 25
Change No. 10 red hames to read No. 313.

1547 DOUBLE TRUCK HARNESS.

No. 635A .....per set $57 20
No. 635AO ..... " 50 00
Change No. 10 red hames to read No. 313.

1548 DOUBLE LUMBER HARNESS.

Erase entire page.

1549 DOUBLE LUMBER HARNESS.

Erase entire page.

1550 RIDING SADDLES.

Erase entire page and refer to new page 1551.

1551 SADDLES.

New page dated Oct. 1, 1909.

Nos.	158	133	135
Each	$28 70	25 75	25 60
Nos.	138	151	152
Each	$23 20	19 70	17 35

1552 SADDLES.

New page dated Oct. 1, 1909.

Nos.	154	155	159
Each	$16 55	16 10	14 90
Nos.	164	162	165
Each	$12 25	11 80	11 40

1553 SADDLES.

New page dated Oct. 1, 1909.

Nos.	167	168	175
Each	$10 00	7 25	6 05
Nos.	176	184	214
Each	$5 35	5 10	7 80

1554 SADDLES.

New page dated Oct. 1, 1909.

Nos.	230	262	300
Each	$14 10	13 35	15 50
Nos.	303	305	308
Each	$14 40	13 00	13 50

1555 SADDLES.

New page dated Oct. 1, 1909.

Nos.	319	323	340
Each	$9 50	7 75	19 00
Nos.	348	352	365
Each	$12 25	8 70	4 55

1556 MEN'S AND BOYS' SADDLES.

New page dated Oct. 1, 1909.

Nos.	368	370	374	194
Each	$3 95	3 60	3 55	10 60
Nos.	195	196	197	
Each	$6 00	6 00	5 40	

LAP DUSTERS AND HORSE COVERS.—We issue seasonable catalogues, which we will furnish on request. When in the market write for prices and catalogue.

1601 TITLE PAGE.

1602 ETCHING CUTLERY.

1602A POCKET KNIFE BLADES.

New page dated March 1, 1910.
Showing O. V. B. Blades used in O. V. B. Pocket Knives.

1603 POCKET KNIVES.

Net price.....from 15 to 25 per cent discount

1604 POCKET KNIVES.

Net price.....from 15 to 25 per cent discount

1605 POCKET KNIVES.

Net price.....from 15 to 25 per cent discount

1606 POCKET KNIVES.

Net price.....from 15 to 25 per cent discount
Erase No. 704 Pocket Knives.

1607 POCKET KNIVES.

Net price.....from 15 to 25 per cent discount
Erase Nos. 648 and 649 Pocket Knives.

1608 POCKET KNIVES.

Net price.....from 15 to 25 per cent discount

Page

1609 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase No. 409 Pocket Knives.

1610 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1611 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase Nos. 833, 716 and 835, Pocket Knives.

1612 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase No. 775½ Pocket Knives from Catalogue.

1613 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1614 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Make No. 334 read Iron lined instead of brass.

1615 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1616 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1617 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1618 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1619 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1620 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1621 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1622 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1623 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1624 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Change description on No. 692P Pocket Knives to read large blade, clip point.
Change description on No. 691P Pocket Knives to read large blade, spear point.

1624A POCKET KNIVES.
New page dated March 1, 1910.
Net price.....from 15 to 25 per cent discount

1625 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1626 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1627 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1628 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1629 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1630 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase No. 803P Pocket Knives.

1630A POCKET KNIVES.
New page dated Oct. 1, 1907.
Net price.....from 15 to 25 per cent. discount

1631 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1632 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1633 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1634 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase No. 2602N Pocket Knives.

1635 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1636 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1637 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase No. 2767N from catalogue.

1638 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase No. 8094 Pocket Knives.

1639 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

1640 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount

We do not guarantee prices.

Page

1641 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Change No. 15711, Pocket Knives, to read "Genuine Stag," instead of Ivory.

1642 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase Nos. 3000, 3001, 0210, 0850.

1643 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase Nos. 0469, 0531, 0532, 0533, 1502, 0409, 0676, 0677, 0239, 0703, 0401, 0479, 0743, 0509, 0508, 0513, 0822, 0821, 0812, 0759, 0760 from catalogue.

1644 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase Nos. 0864, 0736, 0737, 0738, 0739, 1984, 1784, 0566, 0567, 0699 from catalogue.

1645 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase No. 0278 from catalogue.

1646 POCKET KNIVES.
Net price.....from 15 to 25 per cent discount
Erase Nos. 0161, 0861, 0860, 0312, 0313, 0314, 0315, 0665, 0723, 0724.

1647 POCKET KNIVES.
New page dated July 1, 1904.
Net price.....from 15 to 25 per cent discount
Erase No. 0855 Pocket Knives from Catalogue.

1648 CUTLERY SHOW CASES.
New page dated July 1, 1904.
These cases are given gratis with purchases of certain amounts of cutlery. Write for conditions.

1649 O. V. B. IMPROVED CUTLERY SHOW CASES.
New page dated Oct. 1, 1909.
Showing Cutlery Show Cases.

1650 CUTLERY CASES.
New page dated Oct. 1, 1909.
These cases are given gratis with purchases of certain amounts of cutlery. Write for conditions.

CARVER CASES.

Nos.	050	051	052
Per dozen	$2 30	2 30	2 30
Nos.	816	430	312
Each	erase	erase	erase
Nos.	309	175	563	314
Each	erase	erase	erase	erase

1651 O. V. B. TABLE KNIVES AND FORKS.
New page dated March 1, 1910.
Entire page.....discount 40-10 per cent

1652 O. V. B. TABLE KNIVES AND FORKS.
New page dated March 1, 1910
Entire page.....discount 40-10 per cent

1653 O. V. B. DESSERT KNIVES AND FORKS.
New page dated March 1, 1910.
Entire page.....discount 40-10 per cent

1654 O. V. B. TABLE KNIVES AND FORKS.
New page dated Oct. 1, 1909.
Entire page.....discount 40-10 per cent

1655 CARVERS AND STEELS.
Entire page .....discount 25 per cent.

1656 CARVERS AND STEELS.
Entire page .....discount 20 per cent.

1657 CARVING KNIVES AND FORKS.
Entire page .....discount 20-5 per cent.

1658 CARVING KNIVES AND FORKS.
Entire page .....discount 40 per cent.
Erase No. 567 Carving Set.

1658A CARVING KNIVES AND FORKS.
Entire page .....discount 40 per cent.
List on No. 9093 Game Shears should read, each $4.84.
List on No. 9094 Game Shears should read, each $3.00.

1659 BIRD CARVING KNIVES AND FORKS.
Entire page .....discount 40 per cent.
Please make No. 102B Carvers, second column of this page, read No. 0102B.
Erase No. 42327 Bird Carvers.
Erase No. 1842 Carvers.

1660 TABLE STEELS.
Entire page .....discount 20 per cent.

1661 BUTCHER KNIVES AND STEELS.
New page dated March 1, 1910.

No. 570, in.	10	12	14
Per dozen	$5 40	7 20	9 00
No. 72, in.	10	12	14
Per dozen	$5 70	7 50	9 60
No. 820, in.	10	12	14
Per dozen	$8 10	9 90	12 15
No. 102, in.	10	12	14
Per dozen	$6 50	8 10	10 50
No. 82, in.	10	12	14
Per dozen	$9 85	11 10	14 95
No. 66, in.	10	12	14
Per dozen	$11 45	12 85	15 60

Page

Corundum Steels.
No. 3 .....per dozen $0 75

Splitting Knives.
No. 490 .....per dozen $12 60

Butcher Knives.

Nos.	446	446½	447	448	449	450
Per dozen	$1 80	1 95	2 30	3 00	3 60	4 80

Sticking Knives.
No. 468 .....per dozen $1 95

Skinning Knives.
No. 460 .....per dozen $2 40

Butcher Knives.

Nos.	285	955	85	20
Per dozen	$0 90	2 40	1 15	1 50
No. 851	per dozen			$1 50
No. 21			"	1 80
No. 95, in.	6	7	8	
Per dozen	$2 10	3 90	3 75	
No. 5692, in.	6	7	8	
Per dozen	$3 00	3 30	3 60	

1662 OUR VERY BEST BUTCHER KNIVES.
New page dated March 1, 1910.

No. 490, in.	6	6½	7	8
Per dozen	$2 40	3 00	3 50	4 20
No. 490, in.	9	10	12	14
Per dozen	$5 40	6 30	8 40	10 20

Ribbing Knives.
No. 487..... per dozen $5 70

Sticking Knives.
No. 492 .....per dozen $2 40

Skinning Knives.

No. 483, in.	5	5½	6
Per dozen	$2 30	2 50	2 80

Boning Knives.
No. 494 .....per dozen $2 80

Butcher Knives.

Nos.	305	305½	306	306½
Per dozen	$2 05	2 15	2 40	2 90
Nos.	307	308	309	
Per dozen	$3 50	4 50	5 70	
Nos.	310	312	314	
Per dozen	$6 90	9 30	13 20	

Sticking Knives.
No. 392 .....per dozen $2 40

Skinning Knives.
No. 383 .....per dozen $3 00

Boning Knives.
No. 394 .....per dozen $2 40

Butcher Knives.

Nos.	206	207	208	
Per dozen	$3 60	4 80	6 00	
Nos.	106	106½	107	108
Per dozen	$4 20	4 50	4 80	6 90

Household Knives.
No. 601 .....per dozen $4 50

Butcher Knives.

Nos.	606	606½	607	608
Per dozen	$3 60	4 20	4 95	6 00
Nos.	609	610	612	
Per dozen	$6 90	8 40	10 80	
No. 200, in.	6	7	8	
Per dozen	$4 50	5 40	6 60	
No. 984, in.	6	7	8	
Per dozen	$4 20	5 10	6 30	
No. 784, in.	6	7	8	
Per dozen	$4 50	5 40	6 60	
No. 100, in.	6	6½	7	8
Per dozen	$3 90	4 50	5 10	6 60
No. 100, in.	9	10	12	14
Per dozen	$7 80	9 60	12 90	16 20
No. 797, in.	6	7	8	
Per dozen	$4 80	6 00	7 20	

Lunch Knives.
No. 7218 .....per dozen $6 00

Chicken Killing Knives.
No. 496 .....per dozen $2 40

1663 BUTCHER KNIVES.
New page dated March 1, 1910.

Black Diamond Butcher Knives.

No. 99, in.	6	7	8
Per dozen	$3 30	3 60	3 90
No. 110, in.	6	7	8
Per dozen	$3 60	4 80	6 00
No. 60, in.	6	6½	7	8
Per dozen	$3 60	3 90	4 20	4 80
No. 0105	per dozen			$2 90

Hib-Spe-Bar Butcher Knives.

No. 190, in.	6	7	8	
Per dozen	$4 20	5 10	6 60	
No. 90, in.	6	6½	7	8
Per dozen	$2 40	2 80	3 30	4 20
No. 90, in.	9	10	12	14
Per dozen	$5 10	6 90	10 50	12 90

(Continued on Next Page.)

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Hib-Spe-Bar Sticking Knives.

No. 92 .....per dozen $2 40

Hib-Spe-Bar Skinning Knives.

No. 93, in.	5	5½	6	
Per dozen	$2 30	2 50	2 80	

Hib-Spe-Bar Boning Knives.

No. 94 .....per dozen $2 80

Hib-Spe-Bar Butcher Knives.

No. 105, in.	6	6½	7	8
Per dozen	$3 30	3 90	4 20	5 40
No. 105, in.	9	10	12	14
Per dozen	$6 60	9 00	11 40	13 80

Black Diamond Household Knives.

No. 418, in.	6	7	8
Per dozen	$4 20	5 40	6 60

Hib-Spe-Bar Household Knives.

No. 618	per dozen	$4 20
No. 3908	"	4 80
No. 2908	"	5 10

Our Very Best Steak Knives.

No. 983	10	12	
Per dozen	$8 10	10 80	

Hib-Spe-Bar Steak Knives.

No. 1060, in.	10	12	14
Per dozen	$9 00	11 40	13 80
No. 81, in.	10	12	14
Per dozen	$6 90	10 50	12 90
No. 101, in.	10	12	14
Per dozen	$9 60	12 90	16 20

Russell's Butcher Knives.

No. 012, in.	5	5½	6	6½
Per dozen	$2 30	2 40	2 65	3 15
No. 012, in.	9	10	12	14
Per dozen	$6 30	7 80	11 10	15 00

Russell's Sticking Knives.

No. 012, in.	6	6½	7
Per dozen	$2 65	erase	3 85

1664 BUTCHER KNIVES AND COOKS' FORKS.

New page dated March 1, 1910.

Russell's Skinning Knives.

No. 042, in.	5	5½	6	6½	7
Per dozen	$2 95	3 00	3 30	3 85	4 50

Russell's Butcher Knives.

No. 1540, in.	5	5½	6	
Per dozen	$3 20	3 20	3 15	
No. 1540, in.	6½	7	8	
Per dozen	$3 85	4 60	erase	
No. 1540, in.	9	10	12	
Per dozen	$7 55	9 25	11 50	

Russell's Sticking Knives.

No. 1540 .....per dozen $3 15

Russell's Skinning Knives.

No. 1540 .....per dozen $3 85

Dexter Skinning Knives.

No. 1576 .....per dozen $4 20

Russell's Butcher Knives.

No. 518, in.	6	6½	7	8
Per dozen	Erase	3 85	erase	erase
No. 1525, in.	6	7	8	
Per dozen	$5 00	6 30	erase	

Russell's Butcher Knives.

No. 01512, in.	6	7	8
Per dozen	$7 25	8 95	10 55

John Wilson's Butcher Knives.

Blade, in.	5	5½	6	6½
Per dozen	$2 25	2 70	3 00	3 70
Blade, in.	7	8	9	10
Per dozen	$4 45	5 70	3 90	8 50
Blade, in.	11	12	14	
Per dozen	$10 20	12 30	19 10	

John Wilson's Ribbing Knives.

9 in. blade .....per dozen $7 20

John Wilson's Sticking Knives.

Blade, in.	5½	6	6½	7
Per dozen	$2 70	3 50	3 70	4 45

John Wilson's Boning Knives.

Blade, 6½ in. .....per dozen $3 70

John Wilson's Skinning Knives.

Blade, in.	5	5½	6	6½	7
Per dozen	$2 35	2 70	3 00	3 70	4 45
Blade, 8 in. Stock Yards pattern.			per dozen		$3 60
No. 4496			"		3 00

John Wilson's Boning Knives.

No. 5145 .....per dozen $3 15

John Wilson's Special Steak Knives.

No. 4574 .....per dozen $8 50

John Wilson's Boomerang Steak Knives.

No. 3309, in.	10	11
Per dozen	$8 70	10 20

Page

Cooks' Forks.

Nos.	1996	323	44	3
Per dozen	$1 45	1 50	1 50	2 40
Nos.	800	70	71	80
Per dozen	$3 50	6 60	9 25	10 50
Nos.	81	60	61	
Per dozen	$7 80	9 60	10 20	

1665 MISCELLANEOUS KNIVES.

New page dated March 1, 1910.

Bread Knives.

Nos.	980	240	442	44 61
Per dozen	$3 60	2 50	2 50	3 60 4 00
Nos.	1955	9	305	398
Per dozen	$8 40	2 40	1 80	90

Genuine Christy Bread Knives.

Nos.	1		2
Per dozen set	$7 20	Per dozen	$3 60

Cooking Knives.

No. 623 .....per dozen $1 10

Ham Slicers or Bread Knives.

Nos.	318	316	319
Per dozen	$5 40	6 30	5 40
Nos.	317	217R	217S
Per dozen	$6 30	9 60	9 60

Beef Slicers.

No. 660, in.	12	14	16
Per dozen	$10 80	13 50	16 20

Our Very Best Cooks' Knives.

No. 266, in.	5	6	7	8
Per dozen	$2 40	3 60	4 80	6 00
No. 266, in.	9	10	12	14
Per dozen	$7 20	8 40	9 60	10 80

Our Very Best Royal Slicers.

No. 1901 .....per dozen $3 90

Imported French Sabatier Slicers.

Blade, in.	3	4	5	6	7
Per dozen	$2 05	2 15	2 55	3 10	3 85
Blade, in.	8	9	10	12	14
Per dozen	$4 30	5 05	6 00	8 10	13 45

Our Very Best Sabatier Slicers.

No. 100, in.	4	5	6	
Per dozen	$1 95	2 20	2 80	
No. 100, in.	7	8	9	
Per dozen	$3 30	4 00	4 50	
No. 100, in.	10	12	14	
Per dozen	$5 15	7 20	10 50	

Our Very Best Hotel Slicers.

No. 65—Sizes, in.	12	14	16	18	20
Per dozen	$18 00	21 60	25 20	36 00	43 20
No. 66—Sizes, in.	12	14	16	18	20
Per dozen	$21 60	24 00	27 60	39 60	50 40

1666 PARING KNIVES AND ASSORTMENTS.

New page dated March 1, 1910.

No. 300	per assortment	$2 40
No. 700	"	2 40
No. 3789	"	1 80
No. 510	"	85
No. 500	"	70
No. 600	"	40

Paring Knives.

Nos.	0102N	017	17	12	50	713
Per dozen	$2 10	60	60	80	60	1 00
Nos.	3	8	777	123½	6	13
Per dozen	$0 90	1 00	1 15	75	1 70	1 30
Nos.	13D	28	29	30	27	75
Per dozen	$2 45	1 00	1 00	1 15	1 20	1 80

1667 MISCELLANEOUS KNIVES.

New page dated March 1, 1910.

Paring Knives.

Champion	per dozen	$0 90
Famous	"	95
Nos.	087	43
Per dozen	$2 40	60

Cigar Knives.

No. 13 .....per dozen $2 35

Lemon Knives.

Nos.	55	65
Per dozen	$2 70	14 30

Our Very Best Broom Corn Knives.

Nos.	44½	45½
Per dozen	$2 00	2 30

Our Very Best Shoe Knives.

Nos.	40	45
Per dozen	$0 95	95

Shoe Knives.

Nos.	02	03		
Per dozen	$0 95	95		
Nos.	1	2	3	4
Square point and round point ....per dozen	$1 15	1 15	1 25	1 60
Nos.	2	3	4	
Per dozen	$1 30	1 30	1 60	
No. 15 .....per dozen	$2 65			

Kitchen Knife Sets.

No. 4600 .....per dozen assortment $10 80

Grape Fruit Knives.

No. 25 .....per dozen	$3 60	
No. 26, Charles "	2 40	

Page

Asparagus Spuds.

No. 94 .....per dozen $3 00

Change No. 94 to read No. 940.

1668 PEPPER MILLS, NUTMEG GRATERS, VEGETABLE EYERS, ETC.

New page dated March 1, 1910.

Pepper Mills.

Nos.	240C	229C
Per dozen	$2 40	4 80

Nutmeg Graters.

Ever Ready .....per dozen $2 40

Pineapple Eye Snips.

No. 1 .....per dozen $2 40

Hot Corn Holders.

Perfection.....per dozen pairs $1 20

Fruit and Vegetable Eyers.

No. 3 .....per dozen $1 00

Potato Scoops.

No. 7763	per dozen	$1 50
No. 7764	"	1 80

Cheese Scoops.

Nos.	1024	C1750	1010	C1780	1702
Each	$1 25	1 20	1 60	1 30	1 70

Cheese Knives.

Nos.	153	015	1540
Per dozen	$5 10	8 00	11 90
No. 9800, in.	10	12	
Per dozen	$5 40	6 30	
No. 9805, in.	10	12	
Per dozen	$7 20	8 10	

Butter Spades.

No. '08 .....per dozen $7 50

1669 MISCELLANEOUS KNIVES.

New page dated March 1, 1910.

FARRIERS' KNIVES.

Nos.	6824	7828	7834	7834LH	150
Per dozen	$3 60	3 60	4 20	4 50	3 60
Extra blades				per dozen	$2 75

KNIFE SHARPENERS.

No. 6 .....per dozen $2 40

FARRIERS' KNIVES.

Nos.	52	51
Per dozen	$3 00	3 29
Extra blades	per dozen	$2 69

BAND KNIVES.

No. 2 .....per dozen $5 40

LLOYD KNIVES.

Nos.	88A	8A	98A	122
Per dozen	$2 40	2 40	2 40	2 40

CHIP CARVING KNIVES.

No. 62 .....per dozen $2 70

DECORATING OR VEGETABLE KNIVES.

No. 1477 .....per dozen $4 80

OYSTER KNIVES.

Nos.	80	85
Per dozen	$2 00	3 30

FISH KNIVES.

Nos.	25	014S	10R	2
Per dozen	$2 40	7 80	4 80	8 16
No. 55—All sizes			per dozen	$2 40

1675 PUTTY KNIVES.

Entire page .....discount 20 per cent.

Erase Nos. 135S and 135E from catalogue.

1676 MISCELLANEOUS KNIVES.

Entire page .....discount 25 per cent.

Please erase No. 145 Scraping Knife from Catalog.

1677 SPATULAS.

New page dated March 1, 1907.

Entire page .....discount 30 per cent.

Erase No. 395 Banana Knife from page.

1678 HUNTING KNIVES.

New page dated March 1, 1907.

Inches	5	6	7	8	
No. 41—Per dozen	$21 60	24 00	26 40	28 80	
No. 42— "	26 40	28 80	31 20	33 60	
Nos.	43	83	84	85	86 54
Doz.	$28 80	Erase	Erase	38 40	Erase 21 60
Nos.	55	57	62	51	76
Per dozen	$26 40	24 00	16 80	21 60	12 00
Nos.	77	78	71	72	73
Per dozen	$9 60	12 00	5 75	6 70	7 70

Change description of 41 Knife to read laminated lignumvitae tip instead of Buck Horn Butt, and 42 to read lignumvitae tip instead of Stag Horn; also 51 to read polished lignumvitae tip instead of German Stag Butt.

No general rule has been followed in advancing figures over actual values.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

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1679 HUNTING KNIVES.

New page dated March 1, 1907.

Nos.	206	7803S	400	0158	168
Per dozen	$3 60	3 60	1 80	3 00	3 60
Nos.	1640-6 in.		1640-7 in.	168	1784
Per dozen	$4 60		5 95	7 25	5 40

KNIFE SHEATHS.

Nos.	956	957	958
Per dozen	$2 00	2 40	2 70

BOWIE KNIVES.

Nos.	7374	7375	7376	7377	7378
Per dozen	$7 20	7 80	8 70	10 50	12 30
Nos.	7874	7880	8098	1194	1825	1826
Doz.	$18 55	21 00	25 95	15 00	17 10	18 90

DAGGERS.

No. 120S	per dozen	$9 60
No. 120P	"	14 40

1682 "OUR VERY BEST" SHEARS.

New page dated Oct. 1, 1907.

Inches	6	6½	7	7½
No. 20	per dozen	$4 50	4 80	5 15	5 50
No. 25	"	5 30	5 65	6 05	6 50
Inches	8	8½	9	10
No. 20	per dozen	$5 85	6 20	7 25	9 30
Inches	8	8½	9	10
No. 25	"	6 90	7 25	8 50	10 95

No. 50—Left Hand.....per dozen $9 25

Straight Trimmers with Nut and Bolt.

Inches	6	6½	7	7½
No. 10	per dozen	$4 60	4 95	5 30	5 55
No. 15	"	5 40	5 80	6 20	6 25
Inches	8	8½	9	10
No. 10	per dozen	$5 95	6 30	7 35	9 40
No. 15	"	7 00	7 40	8 65	11 10

BENT TRIMMERS.

Inches	7	7½	8	8½	9	10
No. 35—Dz	$6 00	5 85	6 20	7 25	8 25	10 35
No. 30— "	6 50		7 25		9 70	12 15
No. 31— "	6 60		7 40		9 85	12 30
No. 36— "	5 65		6 30		8 40	10 45

BANKERS' AND BARBERS' SHEARS.

Nos.	60-12 in.	60-14 in.	70-12 in.	70-14 in.
Per dozen	$11 70	15 15	13 70	17 80
Inches	8	8½	9	
No. 40	per dozen	$6 90	7 25	8 50	

DESK SCISSORS.

No. 6753 .....per dozen $13 20

HEINISCH'S SHEARS.

REGULAR JAPANNED HANDLE.

Inches	6	6½	7	7½
Per dozen	$5 30	6 05	6 50	6 90
Inches	8	8½	9	10	12
Per dozen	$7 35	7 75	9 05	11 65	14 70

REGULAR NIC PLATED HANDLE.

Inches	6	6½	7	7½
Per dozen	$7 40	7 95	8 55	9 10
Inches	8	8½	9	10	12
Per dozen	$9 70	10 25	11 95	15 40	19 35

OVAL NIC PLATED HANDLE.

Inches	6	6½	7	7½
Per dozen	$7 40	7 95	8 55	9 10
Inches	8	8½	9	10
Per dozen	$9 70	10 25	11 95	15 40

LEFT HAND JAPANNED HANDLE.

Inches	7½	8	8½
Per dozen	$9 05	9 50	9 90

LEFT HAND NIC PLATED.

Inches	7½	8	8½
Per dozen	$11 95	12 55	13 10

BENT TRIMMERS.

Inches	6	6½	7	7½	8	8½
Per dozen	$6 05	6 50	6 90	7 35	7 75	9 05
Inches	9	10	11	12	13	14
Per doz.	$10 35	12 95	14 25	15 55	17 30	23 30

LEFT HAND BENT TRIMMERS.

Inches	8½	11	12
Per dozen	$11 65	16 85	18 15

1683 HEINISCH'S SHEARS.

New page dated Oct. 1, 1907.

RINGED HANDLE OFFICE OR DESK.

Inches	8	9
Per dozen	$10 10	12 50

TRIMMER HANDLE OFFICE OR DESK.

Inches	9	10	11
Per dozen	$12 50	16 05	18 45

TRIMMER HANDLE BANKERS'.

Inches	12	14
Jap. Handle	per dozen	$15 30	19 80
Nick. Plated	"	20 20	26 10

BENT HANDLE BANKERS'.

Inches	12	14
Per dozen	$16 20	20 70

BARBERS JAPANNED HDL.

Inches	7	7½	8	8½	9
Per dozen	$6 75	7 20	7 65	8 10	9 45

Page

BARBERS' NIC. PLATED HDL.

Inches	7	7½	8	8½	9
Per dozen	$8 95	9 50	10 10	10 70	12 50

LEFT HAND BARBERS' 8½ IN. JAPANNED HANDLES.

Per dozen $10 90
8½ in. nic. plated.....per dozen $13 10

LADIES' SCISSORS.

Erase all sizes.

POCKET SCISSORS.

Erase all sizes.

HEINISCH'S SHEARS AND SNIPS.

Nos.	2½	3	3½	4	4½	5	6
Per pair	$2 20	3 05	3 50	4 35	5 25	7 00	7 85
Nos.	7	8	9	10	11	12	
Per pair	$8 75	9 60	10 50	11 35	12 25	13 10	

No. 5—Left Hand .....per pair $7 00

CUSTOM CUTTER.

No. 1	per pair	$10 50
No. 2	"	11 35

TAILOR POINTS.

Inches	4	5	5½	6
Per dozen	$4 95	5 20	5 40	5 85

DENTAL SNIPS.

Nos.	1J	2	1N
Per dozen	$9 00	9 90	11 85

1684 SHEARS AND SNIPS.

New page dated Oct. 1, 1907.

Heinisch Candy Shears.

11 in. .....per dozen $18 00

Heinisch Glass Shears.

11½ in. .....per dozen $17 10

Heinisch Tinner Snips.

Nos.	6½C	7C	8C	9C
Per pair	$2 00	1 70	1 35	1 00
Nos.		10C	11C	12C
Per pair		$0 95	80	70
Nos.	06½C	07C	08C	09C
Per pair	$2 35	2 20	1 70	1 30
Nos.		010C	18C	19C
Per pair		$1 30	2 00	1 70

Victoria Cast Shears.

Nos.	1	2	3	4
Per dozen	$0 50	55	65	75
No. 182—Inches	6	7	8	9
Per dozen	$1 25	1 50	1 60	1 75

Rogers Straight Trimmers.

Length	6	6½	7	7½
Japn'd.	per dozen	$4 00	4 30	4 65	5 00
Nickel Plated	"	4 65	5 10	5 50	5 90
Length	8	8½	9	10
Japanned	per dozen	$5 35	5 65	6 25	8 30
Nickel Plated	"	6 30	6 65	7 45	9 80

Park City Straight Trimmers.

Length	7	8	9
Japanned	per dozen	$2 50	3 20	3 75
Nickel Plated	"	3 15	3 75	4 35
Royal Assortment	each	$2 50		
America Assortment	"	2 50		
Pawnee Assortment	"	1 85		
Olympia Assortment	"	2 50		

1685 LADIES' SCISSORS.

New page dated March 1, 1907.

Nos.	904½	905	905½	906
Per dozen	$0 95	1 10	1 20	1 30
Inches	4½	5	5½	6
No. 20	per dozen	$1 50	1 80	2 10	2 40
No. 1 Assortments	per assortment	$2 40		
Nos	44½	45	45½	46
Per dozen	$2 10	2 40	2 70	3 00
Nos.	54½	55	55½	56
Per dozen	$2 40	2 70	3 00	3 30
Nos.	704½	705	705½	706
Per dozen	$2 70	3 00	3 60	4 20
Nos.	14½	15	15½	16	16½	17
Per dozen	$4 80	5 10	5 40	5 70	6 30	7 20

Nos. 24½, 25, 25½, 26, 26½ and 27.....erase

Inches	4½	5	5½	6	6½	7
No. 3959—Dz.	$5 10	5 40	5 70	6 90	7 50	8 40

No. 0100 Assortment.....per assortment $6 00

1686 BUTTON HOLE SCISSORS.

New page dated March 1, 1907.

Nos.	230	301	300½	303½	304
Per dozen	$2 40	erase	3 60	5 70	6 00
Nos.	302½	303	300	304½	301½
Per dozen	erase	$4 80	6 90	7 50	7 20

LADIES' SCISSORS.

Nos.	1163½	1164	1164½	1165
Per dozen	$4 50	4 80	5 10	5 40
Nos.	1165½	1166	1166½	1167
Per dozen	$5 70	6 00	6 30	6 60

Inches	3½	4	4½	5	5½	6
No. 91— Dozen	$6 00	6 25	6 55	6 90	7 20	7 50
Inches	3½		4½		5½	
No. 65	per dozen	$7 80	8 45		10 00	

BUTTON HOLE CUTTERS.

Bauer's	each	$1 50

Page

1687 POCKET SCISSORS.

New page dated March 1, 1907.

Nos	0	027	4 in. 21	21	1089	20½
Per dozen	$0 60	95	1 50	1 80	1 50	2 40
Nos	202½	85	4, 4½ & 5 in. 1165	202		314
Per dozen	$4 20	2 40	4 80	3 90		5 70
Nos	814½	815	4 in. 23959	4½ in. 23959		5 in. 23959
Per dozen	$6 00	6 30	5 30	6 00		6 30
Nos		824	824½	825		826
Per dozen		$6 60	6 90	7 50		8 40

1688 EMBROIDERY SCISSORS.

New page dated March 1, 1907.

Nos.	101½	101	100	102
Per dozen	$2 50	3 40	3 75	4 35
Nos.	213¾	E3959	3393½	3394
Per dozen	$5 00	5 00	5 63	5 95

POCKET ASSORTMENTS.

No. 2	per assortment	$2 50
No. 0200	"	4 90

CIGAR CUTTERS.

Nos.	10	360	138	139	266	128	330
Doz.	$2 50	erase	erase	5 65	5 00	7 50	7 50

1689 MANICURE SCISSORS.

Nos.	11083, 11083½ & 11084	603½	604
Per dozen	$5.30	8.15	8.45
Nos	604½	1500	3½ in. & 4 in. 1468
Per dozen	$8 75	10 65	2 50

NAIL SCISSORS.

Nos.	500	502	3342
Per dozen	$5 30	7 20	2 50

SCISSORS IN CASES.

Nos.	2206	2228	2272	2463	3445
Per case	$2 65	5 65	6 25	4 45	erase

1690 NAIL NIPPERS.

Erase entire page; goods now shown on page 1691.

1691 MANICURE GOODS.

New page dated Oct. 1, 1907.

Nail Nippers.

Nos.	321	323	320	317	315
Per dozen	$2 50	3 10	5 00	10 00	13 50
Nos.	316	330	22571	294	301
Per dozen	$14 40	15 00	15 00	17 00	erase

Nail Clippers.

Nos.	691	2	44	5020
Per dozen	erase	$2 20	2 50	5 00
Nos.	5020P1	5020P	5021	2500
Per dozen	$7 50	8 10	5 00	12 50

Black Head Extractors.

No. 1 .....per dozen $2 50

Combination Tweezers.

No. 5 .....per dozen $2 10

1692 MANICURE GOODS.

New page dated Oct. 1, 1907.

Cuticle Knives.

Nos.	0124	0127	127E	127W	128E	128W
Per dozen	$5 60	5 60	5 60	5 60	5 60	5 60

Man—I-Q.

Man—i-q .....erase

Corn Knives.

Nos.	0141	0130	130E	130W	131E
Per dozen	$4 65	5 60	5 60	5 60	5 60
Nos.	131W	432E	432W	133E	133W
Per dozen	$5 60	5 60	5 60	6 25	6 25

Corn Razors.

Nos.	A673	A1	A2
Per dozen	erase	$5 00	9 70

Corn Rasps.

No. 20 .....per dozen $2 50

1692A MANICURE GOODS.

New page dated Oct. 1, 1907.

Tweezers.

Nos.	50	60	270	0264	0263
Per dozen	$0 50	90	1 00	1 55	1 90
Nos.	110	120	140	150	230
Per dozen	$1 55	1 90	Erase	Erase	2 50
Nos.	259	260	200	225	254
Per dozen	$3 10	3 10	3 45	3 75	3 75
Nos.	253	252	497	497¼	497½
Per dozen	$3 10	3 45	4 50	4 50	4 50

Nail Files.

Nos.	300	400	250	280	281
Per dozen	$0 95	erase	2 20	erase	1 00
No. 339½—Inches	2½		3	3½	4
Per dozen	$1 25	1 25	1 50	1 90	

1692B MANICURE GOODS.

New page dated Oct. 1, 1907.

Nail Files.

Nos.	932	943	941	283	112
Per dozen	$2 50	2 50	2 50	2 50	2 50
Nos.	115	282	116½	117½	443
Per dozen	$2 50	3 75	3 75	3 75	4 50
Nos.	444	115T	118E	118W	497½
Per dozen	$5 00	2 50	5 00	5 00	5 60
Nos.	0421	421W	359W	359E	483W
Per dozen	$5 60	5 00	7 50	7 50	7 50

Page

1693 **TOILET CLIPPERS.**

Nos.	10	11	241	141	151
Pair	$0 65	erase	85	1 15	1 75
Nos.	191	101	251	61	
Pair	$2 05	2 10	2 90	3 20	

1694 **TOILET CLIPPERS.**

Nos.	12	9	15	16	17
Per pair	Erase	erase	80	95	erase

CLIPPER COMBS.

Nos. 2C and 16C.....per dozen $2 30

CLIPPER SPRINGS.

		Wide		
Nos.	11	16&9 Awake	71&64	22
Per dozen	$0 43	$0 80	1 20	1 90
Each	12	14	18	25

1695 **BROWN & SHARPE'S CLIPPERS.**

Entire page except Springs, discount.....10 per cent.
Springs for Improved.....per 100 $1 60
Each 03
Springs for Bressant.....per 100 $5 35
Each 06

1696 **HORSE CLIPPERS.**

Nos.	89	111	179	85	25
Per pair	$0 80	erase	90	1 00	erase
Nos.	1291	139	159	1895	30
Per pair	$1 20	1 55	1 50	Erase	Erase

1697 **FETLOCK CLIPPERS.**

New page dated March 1, 1907.

Nos.	71	171	271
Per pair	$0 95	1 50	2 20

ROACHING SHEARS.

Nos.	9161	9162	9163
Per dozen	$8 50	9 15	12 00

MULE SHEARS.

Nos.	1087	1090	51
Per dozen	$3 75	4 10	3 75
No. 5½	per dozen		$3 45

LAMP TRIMMERS.

Nos.	40	30	401
Per dozen	$5 00	4 40	6 55

1698 **HORSE CLIPPING MACHINES.**

New page dated March 1, 1910.
Entire page .....10 per cent

1698A **HORSE CLIPPING MACHINE PARTS.**

New page dated March 1, 1910.
Entire page .....10 per cent

1698B **CLIPPING MACHINE PARTS.**

New page dated March 1, 1910.
Entire page .....10 per cent

1698C **CLIPPING AND SHEARING MACHINE PARTS.**

New page dated March 1, 1910.
Entire page.....discount 10 per cent

1698D **GRINDER AND SHEARING MACHINE PARTS.**

Entire page .....discount 10 per cent

1699 **RAZORS.**

New page dated Oct. 1, 1909.

Nos.	1634	1635	1624	1604
Per dozen	$12 60	12 60	15 10	15 10
Nos.	1674	1675	1845	605
Per dozen	$15 10	15 10	15 10	11 35
Nos.	1645	1654	1655	45
Per dozen	$15 10	18 90	18 90	11 65
Nos.	2095	3005	595	1614
Per dozen	$20 15	19 80	11 35	11 40
Nos	1665	1815S	1815R	1825 1835
Per dozen	$22 65	22 30	22 90	21 60 23 40

1700 **RAZORS.**

New page dated Oct. 1, 1909.

Nos.	525	382	384	385
Per dozen	$18 90	18 25	16 60	18 90
Nos.	386	415	425	535
Per dozen	$19 20	20 40	20 40	28 80
Nos.	815	794	795	796
Per dozen	$18 90	18 90	18 90	18 90
Nos.	805	565	444	445R
Per dozen	$18 90	18 90	18 90	18 90
Nos.	445S	905	455	555S
Per dozen	$18 90	10 40	20 80	21 40
Nos.	555R	915	615	1355
Per dozen	$21 40	22 70	22 70	22 70
Nos.	1345	55	405	
Per dozen	$22 70	26 45	45 35	

1701 **RAZORS.**

New page dated Oct. 1, 1909.

Revonoc	per dozen			$10 10
Nos.	635	335	505	364
Per dozen	$20 15	12 60	14 50	13 25
Nos.	365	366	475	1314
Per dozen	$12 60	12 60	12 60	15 60
Nos.	1304	394	395	1145
Per dozen	$15 60	15 60	15 60	15 60
Nos.	965	1335	25	585
Per dozen	$15 60	15 60	15 60	15 60
Nos.	575	1165	1155	1325
Per dozen	$15 60	15 60	15 60	15 60

Page

1702 **RAZORS.**

New page dated Oct. 1, 1909.

Nos.	201	203	213	221	222
Per dozen	$10 40	15 60	18 25	15 60	15 60
Nos.	217	210	211	214	219
Per dozen	$16 40	17 35	17 35	18 90	20 15
Nos.	220	204	126	109	101
Per dozen	$20 50	erase	7 55	11 35	10 10
Nos.	103	129	110	121	123
Per dozen	$12 60	14 50	13 50	14 50	14 50
Nos.	117	118	127	108	124
Per dozen	$13 85	13 25	14 50	14 50	17 35
Nos.	130	112	125	111	135
Per dozen	$17 00	17 65	17 65	17 00	30 25
Nos.	128	427½	427⅝		
Per dozen	$35 30	13 85	13 85		

1703 **RAZORS, BLANKS AND HANDLES.**

New page dated Oct. 1, 1909.

Nos.	40	50	60	040	050
Per dozen	$18 90	18 90	18 90	18 90	18 90
Nos.	060	0040	0050	0060	19 21½ in.
Per dozen	$18 90	18 90	18 90	11 35	11 35
Nos.	21⅝ in.	63	506	404	907
Per dozen	$11 35	9 45	6 05	7 55	7 55
Nos.	538	504			
Per dozen	Erase	erase			

BENGALL RAZOR BLANKS.

Inches	½	⅝	¾
Per dozen	$5 05	5 05	5 05

WADE AND BUTCHER.

Inches	½	⅝	¾
Per dozen	$4 40	4 40	4 40

JOHNSON'S.

Inches	½	⅝	¾
Per dozen	$5 05	5 05	5 05

RAZOR HANDLES.

Nos.	12	012	200	300
Per dozen	$1 25	1 55	1 40	2 30

1704 RAZOR SETS, CASES AND STROPPERS.

New page dated Oct. 1, 1909.

No. 7	per case $ 8 80
No. 250	" 15 10

RAZOR CASES.

Nos.	1058	1	2	3
Each	$0 95	70	90	1 05
Nos.	4	5	6	07
Each	$1 20	1 30	1 50	1 90

SAFETY RAZOR GUARDS.

No. 5 .....per dozen $2 30

SAFETY RAZOR STROPPERS.

Pullman Automatic .....per dozen $10 20

1704A RUNDEL AUTOMATIC STROPPERS.

New page dated Oct. 1, 1909.
Rundel Automatic .....erase

1704B POCKET EDITION, GILLETTE SAFETY RAZORS.

New page dated Oct. 1, 1909.

Nos.	500	500A	500B	501
Per dozen sets	$56 25	61 90	67 50	56 25
Nos.	501A	501B	502	502A
Per dozen sets	$61 88	67 50	56 25	61 88
Nos.	502B	503	503A	503B
Per dozen sets	$67 50	61 88	67 50	73 15
Nos.	504	504A	504B	460B
Per dozen sets	$64 80	70 20	81 00	54 00

1706A **GILETTE SAFETY RAZORS.**

New page dated March 1, 1909.

Nos.	460	466B	468R	466A 468A
Per doz. sets	$56 25	84 70	84 70	135 00 135 00
Nos.	461	00	449	
Per dozen sets	$54 00	60 00	150 00	
Nos.	447	412	413	
Per dozen sets	$150 00	128 00	145 00	
No. 1909—Blades	per dozen pkgs.		$11 25	

1706B **SAFETY RAZORS.**

New page dated March 1, 1909.

No. 5	per dozen sets erase
Extra blades	per dozen packages erase
Nos.	Gem, Jr. 12 15
Per dozen sets	$10 80 14 40 21 20
No. 20	per dozen sets $36 00
Extra blades	per dozen pkgs. 3 75
No. 26	per dozen sets 37 70
Extra blades	per dozen pkgs. 5 40
No. 512	per dozen 18 00
No. 6—Stoppers	" 2 10

1715 **HAIR AND CLOTH BRUSHES.**

New page dated Oct. 1, 1906.
Entire page .....discount 40 per cent.

1716 **GRAY HORN COMBS.**

New page dated Oct. 1, 1906.
Entire page .....discount 40 per cent.

1717 **ALUMINUM COMBS.**

Nos.	21X	22X	33X	535X	42X	52X	012X
Per dozen	$0 45	50	60	1 15	90	1 20	2 50
Nos.	61X	71X	223X	944X	604X	814X	
Per dozen	$1 25	1 65	1 80	2 15	3 00	2 00	

Assortment E .....per assortment $1 65
Change list on Assortment E Aluminum Combs to read "$2.40."

Page

1718 **RAZOR STROPS.**

Erase entire page; now shown on new pages.

1719 **RAZOR STROPS.**

New page dated Oct. 1, 1907.

No. 3100	per assortment				$7 50
Nos.	0400	105	2421C	225C	245C
Per dozen	$3 75	5 00	5 00	5 00	6 25
Nos.	533C	433C	633C	2443C	242C
Per dozen	$7 15	7 15	7 15	7 50	7 50

1720 **RAZOR STROPS.**

New page dated Oct. 1, 1907.

Nos.	404S	2441C	250C	260C	328
Per dozen	$7 50	8 40	8 75	11 25	15 00
Nos.	050	0	15	3	04
Per dozen	$1 55	2 20	2 50	3 75	4 05
Nos.	093M	094M	073M	400	358
Per dozen	$5 00	5 00	5 30	5 60	1 90
Nos.	04S	03S	X12S	X4XS	38
Per dozen	$3 10	5 00	5 00	5 00	5 00

1721 **RAZOR STROPS.**

New page dated Oct. 1, 1909.

Nos.	6S	9S	5S	500S
Per dozen	$5 40	5 40	5 40	5 40
Nos.	488S	1S	840S	202S
Per dozen	$7 20	7 20	7 20	7 20
Nos.	301S	300S	400S	403S
Per dozen	$7 20	7 20	8 40	8 40
Nos.	70S	600S	700S	701S
Per dozen	$9 00	9 00	9 00	9 00
Nos.	702S	79S	218S	
Per dozen	$9 00	10 80	14 40	

1722 **RAZOR STROPS.**

New page dated Oct. 1, 1909.

Nos.	5	4	06	2	10
Per dozen	$2 40	2 70	1 50	4 80	5 40
Nos.	1	8	9	07	
Per dozen	$6 30	4 80	5 40	11 40	

1723 RAZOR STROP DRESSING AND HONE ASSORTMENTS.

New page dated Oct. 1, 1909.

3 Licks	per dozen	$0 90
Stropine	"	90
Razor Edger	"	80
Razoo	"	90
25C	"	2 10

RAZOR HONE ASSORTMENTS.

Hib-Spe-Bar.....per assortment $12 00

1724 **RAZOR AND KNIFE HONES.**

New page dated Oct. 1, 1909.

O. V. B.	per dozen				$7 20
Roxo	"				4 80
Nos.	50	6	7	12	1
Per dozen	$4 80	4 80	12 00	1 80	2 40
Nos.	11	105	106	317	28
Per dozen	$3 60	6 00	9 60	4 80	2 10
Nos.	0	45	2	3	5
Per dozen	$0 90	1 50	3 30	5 40	9 60
Nos.	8	9	10	13	14
Per dozen	$6 00	9 00	18 00	1 80	3 30
Nos.	15	16	17	107	18
Per dozen	$4 80	7 20	10 55	7 20	28 80
No. 19	per dozen				$36 00

1725 **SHAVING SOAPS.**

New page dated Oct. 1, 1909.

Quick and Easy	per pound	$0 30
Quick and Easy	per 10 pounds	3 00
Barbers' Bar	per dozen	65
Barbers' Bar	per 10 lbs.	3 25
Mug Shaving	per dozen	48
Barbers' Favorite	"	84
Shavers' Delight	"	90
Yankee	"	1 20
Luxury	"	2 40
Travelers' Favorite, large	per dozen	$2 15
Williams' Shaving Stick, large	"	2 40
Williams' Shaving Stick, small	"	1 20
Colgate's Barber Bar	per 10 lbs.	3 00
Colgate's Barber Bar	per pound	30
Colgate's Stick, large	per dozen	$2 35
Gillette Foil	"	2 00
Supercream	"	60
Armour's Supercream Sticks	"	1 60
Florafoam	"	2 40

1726 **LATHER BRUSHES.**

New page dated Oct. 1, 1909.

Nos.	127	4	55	841	204
Per dozen	Erase	70	90	1 20	1 50
Nos.	18	931X	Pilot	860	10
Per dozen	$1 50	1 80	1 80	1 50	2 00
Nos.	7	9	312W	15	445
Per dozen	$1 80	2 10	2 40	2 40	2 40
Nos.	945	92	1X	2X	001
Per dozen	$2 40	3 00	2 00	2 70	1 80
Nos.	002	003	1M	2M	3M
Per dozen	$2 40	2 70	2 40	2 70	3 30
Nos.	1D	2D	3D	767	
Per dozen	$1 50	2 10	2 40	2 40	

The printed prices are sufficiently accurate to enable you to make sales.

Page

1727 LATHER BRUSHES AND ASSORTMENTS.

New page dated Oct. 1, 1909.

Nos.	573A	720	930	1493
Per dozen	$4 80	4 80	4 80	4 80
Nos.	1490	1495	1496	990
Per dozen	$4 80	4 80	4 80	4 80
Nos.	45	130	997	$23
Per dozen	$5 40	7 20	7 80	10 80

Jewel Assortment .....per assortment $1 45
Duke Assortment ..... " 90
Pyramic Assortment ..... " 2 10
Winner Assortment ..... " 2 40
No. 563 Assortment .....per dozen 2 40

1728 RUBBERSET LATHER BRUSHES.

New page dated Oct. 1, 1909.

Nos.	400	49-1	49-2	49-3
Per dozen	$2 40	4 30	5 00	5 65
Nos.	49-4	221	215	217
Per dozen	$7 20	5 70	9 25	9 60
Nos.	230	232	322	342
Per dozen	$10 30	14 65	17 75	17 75

1729 SHAVING MUGS.

New page dated Oct. 1, 1909.

Nos.	7	8	9	10
Per dozen	$1 50	1 80	2 10	3 00
Nos.	2	11	13	14
Per dozen	$4 80	3 30	4 80	4 80
Nos.	15	16	17	18
Per dozen	$4 80	7 20	7 20	7 20

No. 1 Assortment.....per assortment $3 60

1733 METAL POLISH.

New page dated Oct. 1, 1909.

Nos.	110H	112H	114H	120H
Per dozen	$1 15	2 30	3 65	1 15
Nos.	122H	124H	130H	132H
Per dozen	$2 30	3 65	90	1 50
Nos.	134H	136H	138H	140H
Per dozen	$3 00	4 30	6 75	12 00
Nos.	150H	152H	154H	156H
Per dozen	$0 20	1 50	3 00	4 30
Nos.	158H	160H	36C	38C
Per dozen	$6 75	12 00	80	1 15
Nos.	40C	42C	44C	46C
Per dozen	$2 05	3 70	6 15	10 25
Nos.	48C	2C	3C	4C
Per dozen	$18 48	90	1 50	2 40
Nos.	5C	6C		7C
Per dozen	$4 20	7 20		12 00

PUTZ POMADE.

Nos.	1½C	4C	6C	12C	16C
Per dozen	$0 30	50	95	1 90	2 70

MATCHLESS.

Nos.	17H	18H	19H
Per dozen	$0 55	1 50	2 50

NON SUCH.

Nos.	20H	21H	22H
Per dozen	$0 60	1 60	2 80

CLEANING AND POLISHING COMPOUNDS

Nos.	65C	01C	50C	60C
Per dozen	$2 40	1 80	90	1 50

1734 SILVER CLEANING MATERIALS.

New page dated Oct. 1, 1909.

Silverine .....per dozen $1 20
Wright's Silver Cream..... " 2 15
Goddard's Plate Powder..... " erase
No. 1 Revonoc Outfit...per dozen outfits 7 80
No. 2 Revonoc Silver Cleaner..per dozen $0 90
Steel Polish ..... " 1 00

SELVYT CLOTHS.

Nos.	A	B	C	D	E	F
Per doz.	$1 50	2 70	3 40	5 10	6 00	10 50

CHAMOIS SKIN.

Nos.	22½	23½	24¾	26
Per dozen	$1 55	2 65	4 50	6 90
Nos.	27	28	29	30
Per dozen	$9 06	14 40	19 50	26 40

MARKING FLUID.

No. 10 .....per dozen $1 50

1735 HARMONICAS.

New page dated October 1, 1908.

Nos.	34B	50B	214	310
Per dozen	$2 30	2 30	2 30	2 50
Nos.	1900	688	61	1896
Per dozen	$2 65	2 65	2 65	2 65
Nos.	1816	1896½	18960	481
Per dozen	$2 75	4 30	5 10	2 65
Nos.		482	483	3OND
Per dozen		$3 90	erase	4 80

1736 HARMONICAS.

New page dated October 1, 1908.

Nos.	67	20	1006	686	555	557
Per dozen	$4 30	4 30	4 80	2 65	2 50	3 85
Nos.	35	36	487	46½	48¾	00
Per dozen	$4 80	6 00	5 10	9 90	14 40	1 00
Nos.	01	03	04	05		07
Per dozen	$1 10	1 20	1 70	2 00		2 35

1737 HARMONICAS.

New page dated October 1, 1908.

No. 220 .....per dozen $9 60

Nos.	225	235	250	200	340
Per assortment	$2 50	3 10	4 80	4 30	4 80

Page

1738 HARMONICAS.

New page dated October 1, 1908.

Nos.	A25	A35	A50	A75	300
Per assortment	$2 50	3 10	4 80	6 00	37 50
Nos.	2469	270	271	272	161	690
Per doz.	Erase	erase	erase	erase	erase	erase
Nos.	444	700	2078	1016	230	
Per dozen	Erase	erase	erase	erase	erase	

1739 JEWS HARPS.

Nos.	5027	5030	217B	812	813
Per dozen	$0 35	65	55	85	1 45

HOHNER HARMONICAS.

No. 200—Lyre Assortment .....erase

1740 MUSICAL OUTFITS AND SUPPLIES.

New page dated Oct. 1, 1905.
Entire page .....discount 15 per cent.
Erase No. 26, Mandolin Picks.

1741 WATCH AND KEY CHAINS.

New page dated October 1, 1908.

No. 6 .....per card $0 50

Nos.	255	509	12	10	2	177
Per dozen	$2 20	2 50	2 25	2 50	50	95
Nos.	104	33	22	1	4	5
Per dozen	$1 25	95	2 25	2 25	erase	75
Nos.	13	1GB	1GBW	11N	11NW	32
Per dozen	Erase	1 25	1 55	55	85	1 00

Rickers .....per dozen $0 95

1742 KEY CHAINS.

Nos.	2	717	711	740	701	796
Per dozen	$0 75	95	2 20	2 20	1 25	2 50

Triplet .....per dozen $0 95

1743 KEY RINGS.

New page dated October 1, 1908.

Nos.				100	548	350 560
Per dozen				$0 40	40	25 60
Nos.	06	39	02	53	12	14 16 18
Per gross	$0 40	45	70	90	1 00	1 25 1 50 1 85
Nos.				200	50	7151½ 150 530
Per dozen				$0 20	25	35 30 45
Nos.				400	500	15 6 482
Per dozen				$0 50	55	60 1 25 3 75
Nos.	486	681	686	14311	782	786
Per dozen	$4 70	4 70	6 25	6 55	4 40	5 00

1745 EYE SHIELDS OR GOGGLES.

New page dated October 1, 1908.

Nos.	284	285	286	1	26	25
Per dozen	$11 25	1 25	2 50	Erase	1 05	95
Nos.	30	20	36	35	40	45
Per doz.	$1 90	2 70	1 50	3 45	5 60	9 60
Nos.	37	6	7	8	3	9
Per doz.	$5 00	6 25	7 50	10 00	10 60	11 90

1746 SPECTACLES, EYE GLASSES, EYE SHADES, ETC.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1746A CORK SCREWS.

New page dated Oct. 1, 1907.

Nos.	40	17	1642	6152	80
Per dozen	$0 45	1 55	4 35	2 50	2 50
Nos.	34½	241	241½	10	21	270
Per dozen	$2 25	80	95	1 10	1 00	1 90

1746B CORK SCREWS.

New page dated Oct. 1, 1907.

Nos.	123	243½	243	56
Per dozen	$2 20	2 50	3 25	3 15
Nos.	116	170	425	435	502
Per dozen	$7 50	11 25	55	1 10	1 20

1746C CORK SCREWS ON CARDS.

New page dated Oct. 1, 1907.

Nos.	2430	150	450	501	200
Per dozen	Erase	1 20	1 55	2 20	2 50

CHAMPAGNE NIPPERS AND TAPS.

No. 2000 .....per dozen $7 50
No. 2100 ..... " 9 40

CORK PULLERS.

Nos.	35	26	30	45
Per dozen	$15 00 Each	$3 45	1 90	3 60

Extra Cork Screws for above.....each $0 35

1747 CUTLERY SAMPLE BOXES.

New page dated March 1, 1906.
Nos. 400 to 405 .....discount 40 per cent.

TRACING WHEELS.

No. 1 .....per dozen $0 50
No. 2 ..... " 1 20
No. 3 ..... " 95
No. 4 ..... " 2 50

KNIFE POCKETS.

Nos. M1 to M5 .....per dozen $0 95
Nos. RB1 to RB5 ..... " 75

No general rule has been followed in advancing figures over actual values.

Page

1748 KNIVES AND FORKS.

New page dated March 1, 1906.

Nos.	6600	6900	6600 Forks
Per single gross	$10 80	5 75	10 80

No. 100—Knives and Forks.....per set $1 60
No. 100—Knives only .....per dozen 1 60
No. 101—Knives and Forks .....per set 1 80
Crown—Knives and Forks ..... Erase
No. 500 ..... " 1 30
No. 2000 .....per dozen $2 80

Nos.	2001	2002	2003
Per set	$2 25	2 40	2 45
Nos.		1800	1801
Per dozen			Erase erase
No. 1802			erase
Nos.		1700	1701
Per dozen		$2 70	2 70

No. 1702 .....per set $2 70

Nos.	1900	1901
Per dozen	$2 80	2 80

No. 1902 .....per set $2 80

1748A SILVER PLATED KNIVES AND FORKS

New page dated March 1, 1907.

Nos.	1150	1152	1106	1108
Per dozen	$9 65	5 65	3 38	3 15
No.				1107
Per set				$3 25
Nos.			1109	1121 1122
Per dozen			$3 15	3 25 3 25
Nos.				1110 1123
Per set				$3 15 3 25
Nos.			1100	1101 1131B 1132
Per dozen			$3 15	3 15 3 25 3 00
No.				1102
Per set				$3 15
Nos.			1103	1104 1112 1113 1127
Per dozen			$3 00	3 00 3 00 3 00 3 25
No.				1105
Per set				$3 60
No. 1202C				per set $3 60

1749 O. V. B. SILVER PLATED KNIVES AND FORKS.

New page dated March 1, 1910.

Nos.	1200	1201	1240	1241	1270
Per dozen	$3 15	3 15	3 75	3 75	4 50
Nos.	1271	1203	1204	1208	1209
Per dozen	$4 50	3 00	3 00	3 15	3 15
Nos.	1206	1246	1276	01205½	1221
Per dozen	$3 25	3 90	4 50	3 00	3 25
Nos.	1222	1263	1264	1283	1284
Per dozen	$3 25	3 90	3 90	4 50	4 50
Nos.				1233	1231
Per dozen				$3 75	3 75

In Sets.

Nos.	1202	1242	1272	1210	1207	1247
Per set	$3 05	3 75	4 40	3 25	3 05	3 80
Nos.	1277	1205	1223	1234	1232	
Per set	$4 45	3 90	3 25	3 75	3 75	

1750 SILVER PLATED KNIVES AND FORKS.

New page dated March 1, 1910.

Nos.	1500	1501	1503	1504	1508
Per dozen	$3 15	3 15	3 00	3 00	3 15
Nos.	1509	1521	1522	1506	1300
Per dozen	$3 15	3 25	3 25	3 40	3 65
Nos.	1301	1303	1304	1306	
Per dozen	$3 65	3 50	3 50	3 95	

In Sets.

Nos.	1502	1505	1510	1523	1507
Per set	$3 15	3 00	3 15	3 25	3 40
Nos.	1302	1305	1317	1307	1323
Per set	$3 65	3 50	3 63	3 75	3 75

1751 1847 ROGERS BROS. SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1752 KNIVES AND FORKS.

New page dated October 1, 1908.

Medium Knives.

Nos.	7701	80	81	702C	707C
Per dozen	$3 30	3 95	erase	3 60	4 20
Nos.	545C	5345C	9112	238	4257	2112
Per dozen	$4 70	5 00	3 60	5 95	6 95	3 95
Nos.		845C	8745C	141	151	
Per dozen		$6 85	8 15	10 20	13 20	

Dessert Knives.

Nos.	86	80	81	4257	
Per dozen	Erase	erase	erase	6 60	

Change Nos. 2112 and 4211 to read Solid White Celluloid Handle, instead of Solid Grained Celluloid Handle.

Medium Knives and Forks.

Nos.	86	7701	80	81
Per set	$3 65	3 00	erase	4 30
Nos.	702C	707C	9112	4211
Per set	$3 60	4 20	3 30	4 80

1752A KNIVES AND FORKS.

New page dated March 1, 1910.
Entire page .....discount 40 per cent

1752B PEARL HANDLE KNIVES AND FORKS.

New page dated March 1, 1910.
Entire page .....discount 40 per cent

Page

1753 SILVER PLATED WARE.

New page dated Oct. 1, 1906.

No. 1752—Cake Knives..... each $2 50
No. 1700—Berry Spoons..... " 2 95
No. 1798—Berry Spoons ..... " 3 35
No. 1700—Cold Meat Forks ..... " 2 40
No. 1798—Cold Meat Forks ..... " 2 90
No. 1700—Salad Sets .....per set 5 40
No. 1798—Salad Sets ..... " 6 30

1754 FRUIT KNIVES.

New page dated Oct. 1, 1906.

Nos. 103 17 1717 42
Per dozen ..... 2 40 Erase Erase 3 10

BABY SPOONS.

Calla .....per dozen $1 50
Avalon .....per dozen 3 30

NUT CRACKS.

Nos. 3 18 208
Per dozen $0 50 1 50 3 00

NUT PICKS.

Nos. 1628 1629 1631
Per dozen $2 50 2 75 2 65

1755 NUT PICKS AND CRACKS.

No. 2 .....per dozen $1 25
No. 30S ..... " 2 40
No. 010 ..... per case 60
No. 115S ..... " 61
Nos. 30 and 115 .....Erase
Nos. 115D 80 15 15S 20 20S
Per case ... $1 15 45 Erase 90 Erase 1 60

1756 CHILDREN'S SETS.

Nos. 1899 1894 90 91 98
Per dozen sets..$1 00 1 60 erase 3 40 2 40
Nos. ..... 94 97 Norma Geisha
Per dozen sets ..... Erase $3 20 12 25 7 55

1757 CHILDREN'S SETS.

Nos. 92 96 93
Per dozen sets $5 70 6 00 6 00
Nos. 82 69 95
Per dozen sets .....Erase Erase 16 20

1758 MOIETS.

In Sets.

Nos. 1060 2060 1161 2161 3161
Per gross ...$8 00 Erase 10 20 11 40 13 20

On Cards.

Nos. 1060 2060 1161 2161
Per dozen cards $2 10 2 20 2 40 2 70
Nos. 3161 1235 2235 3235
Per dozen cards $3 30 3 20 3 30 4 20

SPOONS.

Nos. 2000, 3000 and 4000 .....
.....per gross packages $10 80
.....per dozen packages 90
No. 1800—Tea and Table reinstate
.....per gross $3 30 6 60

1759 SPOONS.

Victoria Steel—Tea .....per gross Erase
Victoria Steel—Dessert and Table. " Erase
Near Silver—Tipped—Tea ....per gross $11 75
Near Silver—Tipped—Dessert.. " 20 00
Near Silver—Tipped—Table.... " 22 00
Nickel Silver—Beaded—Tea.... " 9 60
Nickel Silver—Beaded—Table .. " 19 20

	Tea.	Dessert.	Table.	Coffee.
Alumium..per gr.	$6 30	8 10	12 50	Erase
11 in. Aluminum Basting Spoons...per doz.				$2 70
Aluminum Ladles ..... "				6 00

1760 SILVER METAL SPOONS.

	No. 025.. Tea Spoons	Dessert Spoons	Table Spoons
Per gross	$9 90	16 20	19 80

Nos. 15 and 20—Spoons, Sugar Shells and Butter Knives .....Erase

GERMAN SILVER SPOONS.

Nos. 118 and 218 .....Erase
No. 25 .....discount 50-10 per cent.

1761 NICKEL SILVER SPOONS.

Erase Pilot—Finest quality nickel silver tea spoons.

SILVER PLATED WARE.

Discount .....30 per cent.

Please erase No. 44 Cold Meat Forks from Catalogue.

Please erase No. 44 Berry Spoons and 44 Gravy Ladles from Catalogue.

Please erase No. 45 Cream Ladles from catalogue.

Make No. 43 Pie Knives, and No. 43 Meat Forks, read silver plate, instead of extra plate.

1762 ESSEX SILVER PLATED WARE.

Erase entire page.

The aim of this book is to give our customers an idea of the actual values that they may take orders for goods not carried in stock.

Page

1763 ROGERS NICKEL SILVER SPOONS.

No. 21—Tea Spoons.....per gross $7 20
No. 21—Table Spoons..... " 14 40
Balance of page.....discount 20 per cent.

Change list on No. 223, Butter Knife and Sugar Shell, to "$7.00," instead of $5.00.

1764 ROGERS CUTLERY CO.'S SILVER PLATED WARE.

Entire page .....discount 20 per cent.

1764A SILVER PLATED WARE.

New page dated March 1, 1907.

	Tea	Dessert	Tablespoons
Priscilla—Per dozen.	$1 40	2 45	2 75

SUGAR SHELLS.

	Plain Bowl	Gilt Bowl
Priscilla .....per dozen	$2 65	3 80

BUTTER KNIVES.

Priscilla .....per dozen $3 05

BUTTER AND SUGAR SETS..

Priscilla—Plain Bowl .....per dozen $6 90
Priscilla—Gilt Bowl ..... " 8 10

COLD MEAT FORKS.

Priscilla—Plain Tine .....per dozen $4 70
Priscilla—Gilt Tine ..... " 6 40

BERRY SPOONS.

Priscilla—Plain Bowl .....per dozen $7 50
Priscilla—Gilt Bowl ..... " 10 15

OYSTER FORKS.

Priscilla .....per dozen $2 00

LADLES.

Priscilla—Cream Ladles .....per dozen $4 20
Priscilla—Gravy Ladles ..... " 6 00
Priscilla—Medium Ladles ..... " 15 50

SOUP SPOONS.

Priscilla .....per dozen $3 20

KNIVES AND FORKS.

Priscilla—Knives .....per dozen $2 60
Priscilla—Forks ..... " 2 60

1764B SILVER PLATED WARE.

New page dated March 1, 1907.

	Tea.	Dessert.	Tablespoons.
Peerless—Per dozen.	$1 50	2 60	3 00
Peerless Medium Forks.....per dozen			$2 80
Peerless Medium Knives..... "			2 80
Peerless Sugar Shells..... "			2 70
Peerless Butter Knives ..... "			3 20
Peerless Cold Meat Forks ..... "			4 85
Peerless Berry Spoons ..... "			7 70
Peerless Butter Knife and Sugar Shell ..... "			7 00
Peerless Coffee Spoons ..... "			1 50
Peerless Child's Sets ..... "			7 70
Peerless Soup Spoons ..... "			3 25
Peerless Cream Ladles ..... "			4 45
Peerless Gravy Ladles ..... "			6 25

1764C OUR VERY BEST PART SILVER WARE.

New page dated March 1, 1907.

SPOONS AND FORKS.

	Tea.	Dessert.	Tablespoons.
Tipped—Per dozen ...	$1 15	2 00	2 30
Puritan— "	1 30	2 35	2 65
Medium Forks .....per dozen			$2 65

KNIVES AND FORKS.

Puritan Knives and Forks.....per set $2 80
Puritan Knives only.....per dozen 3 60

1765 WM. ROGERS & SON'S SILVER PLATED WARE.

Tipped, Shell and Florida Patterns.

AA or Extra Plate.....discount 60 per cent.
Triple Plated ..... " 50 "

Change Florida Triple Plate Spoons to read "Fenwick." Florida Spoons are not made except in AA or Extra Plate.

WM. ROGERS MNFG. CO'S SILVER PLATED WARE.

Discount .....50 per cent.

1766 WM. ROGERS MNFG. CO.'S SILVER PLATED WARE.

Entire page .....discount 50 per cent.

Please erase Chevalier Tea Spoons, Table Spoons, Dessert Spoons, Butter Knives, Sugar Shells and Medium and Dessert Forks from your Catalogue. We have dropped this pattern.

1766A O. V. B. SILVER PLATED WARE.

New page dated Oct. 1, 1909.

Page illustrating patterns.

1766B O. V. B. SILVER PLATED WARE.

New page dated Oct. 1, 1909.

TIPPED A1 OR EXTRA PLATE SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$1 90	3 30	3 90

TIPPED TRIPLE PLATE SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$2 40	4 20	4 80

Page

TIPPED QUINTUPLE PLATE SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$3 35	5 50	6 70
Tipped, A1 or extra plate Sugar Shells.....per dozen			$3 60
Tipped, A1 or extra plate Butter Knives ..... "			4 55

SHELL SATIN A1 OR EXTRA PLATE SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$1 90	3 30	3 90

SHELL SATIN TRIPLE PLATE SPOONS

	Tea.	Dessert.	Table.
Per dozen	$2 40	4 20	4 80

SHELL SATIN QUINTUPLE PLATE SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$3 35	5 50	6 70
Shell, Satin or A1 extra plate Sugar Shells .....per dozen			$3 60
Shell, Satin or A1 extra plate Butter Knives ..... "			4 55

WINDSOR A1 OR EXTRA PLATE EXTRA HEAVY SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$2 20	3 90	4 45

WINDSOR TRIPLE PLATE EXTRA HEAVY SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$2 70	4 75	5 40

WINDSOR QUINTUPLE PLATE EXTRA HEAVY SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$3 60	6 10	7 20

WINDSOR TRIPLE PLATE FORKS.

	Dessert.	Medium.
Per dozen	$4 75	5 40

WINDSOR QUINTUPLE PLATED FORKS.

	Dessert.	Medium.
Per dozen	$6 10	7 20

1776C O. V. B. SILVER PLATED WARE.

New page dated Oct. 1, 1909.

VINEYARD A1 OR EXTRA PLATE FRENCH GRAY SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$2 10	4 00	4 20

VINEYARD TRIPLE PLATE FRENCH GRAY SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$2 70	4 75	5 40

VINEYARD QUINTUPLE PLATE FRENCH GRAY SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$3 60	6 10	7 20

VINEYARD A1 OR EXTRA PLATE FRENCH GRAY FORKS.

	Dessert.	Medium.
Per dozen	$3 90	4 20

VINEYARD QUINTUPLE FRENCH GRAY FORKS.

	Dessert.	Medium.
Per dozen	$5 10	7 20
Vineyard, A1 or extra plate French Gray Sugar Shells...per dozen		$3 95
Vineyard, or A1 extra plate French Gray Butter Knives.. "		4 70
Vineyard, A1 or extra plate French Gray B. K. and S. S. .....per dozen sets		$10 10
Vineyard, A1 or extra plate French Gray Child's sets "		10 80
Vineyard, or A1 extra plate French Gray Baby Spoons..per dozen		3 30
Vineyard, A1 or extra plate French Gray Pickle Forks.. "		4 80
Vineyard, A1 or extra plate French Gray Cold M. Forks.. "		6 35
Vineyard, A1 or extra plate French Gray Gilt C. M. F... "		9 35
Vineyard, A1 or extra plate French Gray Berry Spoons.. "		10 80
Vineyard, A1 or extra plate French Gray Gilt Berry Spoons ..... "		14 40

These figures are higher than actual values at date of issue, being increased to cover possible market changes.

Page

1766D O. V. B. SILVER PLATED WARE.

New page dated Oct. 1, 1909.

Vineyard, A1 or extra plate French Gray Cream Ladles. per dozen $6 50
Vineyard, A1 or extra plate French Gray Gilt Bowl Ladles " 8 65
Vineyard, A1 or extra plate French Gray Gravy Ladles.. " 7 90
Vineyard, A1 or extra plate French Gray Gilt Bowl Ladles " 11 50
Vineyard, A1 or extra plate French Gray Medium Ladles " 21 60
Vineyard, A1 or extra plate French Gray Bouillion Spoons " 3 95
Vineyard, A1 or extra plate French Gray Soup Spoons... " 4 50
Vineyard, A1 or extra plate French Gray Coffee Spoons.. " 2 10
Vineyard, A1 or extra plate French Gray Coffee Spoons, gilt .... " 3 30
Vineyard, A1 or extra plate French Gray Orange Spoons. " 2 40
Vineyard, A1 or extra plate French Gray Orange Spoons, gilt .... " 4 30
Vineyard, A1 or extra plate French Gray Butter Spreaders " 3 80
Vineyard, A1 or extra plate French Gray Ind. Solid Forks " 4 20
Vineyard, A1 or extra plate French Gray Oyster Forks... " 2 75

1766E O. V. B. SILVER PLATED HOLLOW HANDLE WARE.

New page dated Oct. 1, 1909.

Vineyard Triple plate French Gray H. H. Butter Spreaders.per dozen $9 00
Vineyard Triple plate French Gray H. H. Orange Knives.. " 9 00
Vineyard Triple plate French Gray H. H. Pie Servers..... " 18 70
Vineyard Triple plate French Gray H. H. Punch Ladles.... " 54 00
Vineyard Triple plate French Gray H. H. Child's sets..... " 14 40
Vineyard Triple plate French Gray H. H. Medium Knives.. " 9 50
Vineyard Triple plate French Gray H. H. Dessert Knives.. " 8 40
Vineyard Triple plate French Gray H. H. Breakfast Knives " 9 00
Vineyard Triple plate French Gray H. H. Medium Forks.. " 9 00
Vineyard Triple plate French Gray H. H. Dessert Forks.... " 8 10
Vineyard Triple plate French Gray H. H. Game Carvers.per doz. prs. $57 60
Vineyard Triple plate French Gray H. H. Beef Carvers..per doz. sets 86 40

1766F O. V. B. SILVER PLATED WARE.

New page dated Oct. 1, 1909.

ANTOINETTE, A1 OR EXTRA PLATE FRENCH GRAY SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$2 10	3 90	4 20

ANTOINETTE TRIPLE PLATE FRENCH GRAY SPOONS.

	Tea.	Dessert.	Table.
Per dozen	$2 70	4 75	5 40

ANTOINETTE QUINTUPLE PLATE FRENCH GRAY SPOONS.

	Tea.	Dessert	Table.
Per dozen	$3 60	6 10	7 20

ANTOINETTE A1 EXTRA PLATE FORKS.

	Dessert.	Medium.
Per dozen	$3 90	4 20

ANTOINETTE TRIPLE PLATE FORKS.

	Dessert.	Medium.
Per dozen	$4 75	5 40

ANTOINETTE QUINTUPLE PLATE FORKS

	Dessert.	Medium.
Per dozen	$6 10	7 20

Antoinette, A1 or extra plate French Gray Sugar Shells...per dozen $3 60
Antoinette, A1 or extra plate French Gray Butter Knives.. " 4 70
Antoinette, A1 or extra plate French Gray B. and S. sets .....per dozen sets $10 10
Antoinette, A1 or extra plate French Gray Child's sets .... " 10 80

Page

Antoinette, A1 or extra plate French Gray C. M. Forks....per dozen $6 50
Antoinette, A1 or extra plate French Gray C. M. Gilt Forks " 9 35
Antoinette, A1 or extra plate French Gray Berry Spoons.. " 10 80
Antoinette, A1 or extra plate French Gray Berry Spoons, gilt .... " 14 40
Antoinette, A1 or extra plate French Gray Cream Ladle... " 8 65
Antoinette, A1 or extra plate French Gray Cream Ladle, gilt .... " 8 50
Antoinette, A1 or extra plate French Gray Gravy Ladle.. " 11 50
Antoinette, A1 or extra plate French Gray Gravy Ladle, gilt .... " 7 90
Antoinette, A1 or extra plate French Gray Medium Ladle.. " 21 60

1766G O. V. B. SILVER PLATED WARE.

New pages dated Oct. 1, 1909.

Antoinette, A1 or extra plate French Gray Coffee Spoons..per dozen $2 10
Antoinette, A1 or extra plate French gray Gilt Coffee Spoons ..... " 3 30
Antoinette, A1 or extra plate French Gray Orange Spoons.. " 2 40
Antoinette, A1 or extra plate French Gray Gilt Orange Spoons ..... " 4 30
Antoinette, A1 or extra plate French Gray Salad Forks.... " 4 20
Antoinette, A1 or extra plate French Gray Pickle Forks... " 4 80
Antoinette, A1 or extra plate French Gray Bouillon Spoons " 3 60
Antoinette, A1 or extra plate French Gray Soup Spoons... " 4 50
Antoinette, A1 or extra plate French Gray Oyster Forks.. " 2 75
Antoinette Triple plate French Gray H. H. Butter Spreaders. " 9 00
Antoinette Triple plate French Gray H. H. Pie Servers..... " 17 30
Antoinette Medium Triple plate French Gray H. H. Knives... " 9 60
Antoinette Dessert Triple plate French Gray H. H. Knives.. " 8 40
Antoinette Medium Triple plate French Gray H. H. Forks.... " 9 00
Antoinette Dessert Triple plate French Gray H. H. Forks.... " 8 10

1766H SILVER PLATED WARE.

New page dated Oct. 1, 1909.

IROS A1 OR EXTRA PLATE SPOONS, BRIGHT.

	Tea	Dessert	Table
Per dozen	$2 10	3 90	4 20

IROS BRIGHT TRIPLE PLATE SPOONS.

	Tea	Dessert	Table
Per dozen	$2 70	4 75	5 40

IROS BRIGHT QUINTUPLE PLATE SPOONS.

	Tea	Dessert	Table
Per dozen	$3 60	6 10	7 20

IROS FRENCH GRAY A-1 OR EXTRA PLATE SPOONS.

	Tea	Dessert	Table
Per dozen	$2 10	3 90	4 20

IROS FRENCH GRAY TRIPLE PLATE SPOONS.

	Tea	Dessert	Table
Per dozen	$2 70	4 75	5 40

IROS FRENCH GRAY QUINTUPLE PLATE SPOONS.

	Tea	Dessert	Table
Per dozen	$3 60	6 10	7 20

IROS A1 OR EXTRA PLATE FORKS.

	Dessert.	Medium.
Per dozen	$3 90	4 20

IROS TRIPLE PLATED FORKS.

	Dessert.	Medium.
Per dozen	$4 75	5 40

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Page

IROS QUINTUPLE PLATE FORKS.

	Dessert.	Medium.
Per dozen	$6 10	6 20

Iros Bright, A1 or extra plate Sugar Shells .....per dozen $3 95
Iros French Gray, A1 or extra plate Sugar Shells..... " 3 95
Iros Bright, A1 or extra plate Butter Knives ..... " 4 70
Iros French Gray, A1 or extra plate Butter Knives..... " 4 70
Iros Bright, A1 or extra plate Butter and Sugar sets .....per dozen sets $10 10
Iros French Gray, A1 or extra plate Butter and Sugar Sets ..... " " 10 10
Iros French Gray, A1 or extra plate Child's Sets. " " 10 80
Iros Bright, A1 or extra plate Baby Spoons .....per dozen $3 30
Iros Bright, A1 or extra plate Cold Meat Forks..... " 6 50
Iros French Gray or extra plate Cold Meat Forks..... " 6 50
Iros French Gray A1 or extra plate Cold Meat Forks, gilt tines .... " 9 35
Iros Bright, A1 or extra plate Berry Spoons ..... " 10 80
Iros French Gray, A1 or extra plate Berry Spoons..... " 10 80
Iros French Gray, A1 or extra plate berry spoons, gilt bowl " 14 40

1766I O. V. B. SILVER PLATED WARE.

New page dated Oct. 1, 1909.

Iros Bright, A1 or extra plate Pickle Forks .....per dozen $4 80
Iros French Gray, A1 or extra plate Pickle Forks..... " 4 80
Iros French Gray, A1 or extra plate Jelly Knives..... " 10 80
Iros French Gray, A1 or extra plate Pie Knives..... " 13 70
Iros French Gray Triple plate H. H. Pie Servers..... " 18 70
Iros French Gray Triple plate H. H. Punch Ladles..... " 54 00
Iros Bright, A1 or extra plate Bouillon Spoons ..... " 3 95
Iros French Gray, A1 or extra plate Bouillon Spoons..... " 3 95
Iros Bright, A1 or extra plate Soup Spoons ..... " 4 50
Iros French Gray, A1 or extra plate Soup Spoons..... " 4 50
Iros Bright Gray, A1 or extra plate Oyster Forks..... " 2 75
Iros French Gray, A1 or extra plate Oyster Forks..... " 2 75
Iros French Gray, A1 or extra plate Salad Forks..... " 4 20

1766J O. V. B. SILVER PLATED WARE.

New page dated Oct. 1, 1909.

Iros Bright, A1 or extra plate Coffee Spoons .....per dozen $2 10
Iros French Gray, A1 or extra Coffee Spoons .....per dozen $2 10
Iros French Gray, A1 or extra plate Gilt Bowl..... " 3 30
Iros Bright, A1 or extra plate Orange Spoons ..... " 2 65
Iros French Gray, A1 or extra plate Orange Spoons..... " 2 65
Iros French Gray, A1 or extra plate Gilt Orange Spoons.... " 4 30
Iros Bright, A1 or extra plate Cream Ladles ..... " 6 50
Iros French Gray, A1 or extra plate Cream Ladles..... " 6 50
Iros French Gray, A1 or extra plate Cream Ladles, Gilt Bowl " 8 65
Iros Bright, A1 or extra plate Gravy Ladles ..... " 7 90
Iros French Gray, A1 or extra plate Gravy Ladles..... " 7 90
Iros French Gray, A1 or extra plate Gravy Ladles, Gilt Bowl " 11 50
Iros Bright, A1 or extra plate Medium Ladles ..... " 21 60
Iros French Gray, A1 or extra plate Medium Ladles..... " 21 60
Iros Bright, A1 or extra plate Butter Spreaders ..... " 3 80
Iros French Gray, A1 or extra plate Butter Spreaders ..... " 3 80
Iros Bright Medium Triple plate H. H. Knives..... " 9 60
Iros French Gray Medium Triple plate H. H. Knives..... " 9 60
Iros Bright Dessert Triple plate H. H. Knives..... " 8 40
Iros French Gray Dessert Triple plate H. H. Knives..... " 8 40
Iros Bright Medium H. H. Forks " 9 00
Iros French Gray Medium H. H. Forks ..... " 9 00
Iros Bright Dessert H. H. Forks " 8 10
Iros French Gray H. H. Dessert Forks ..... " 8 10

Page

1766K O. V. B. SILVER PLATED WARE.

New page dated March 1, 1910.

Pilgrim Pattern.

	Tea Spoons	Dessert Spoons	Table Spoons
A1 .....per dozen	$2 20	4 05	4 40

	Dessert Forks	Med. Forks
A1 .....per dozen	$4 05	4 40

	Tea Spoons	Dessert Spoons	Table Spoons
Triple....per dozen	$2 80	4 95	5 60

	Dessert Forks	Med. Forks
Triple.....per dozen	$4 95	5 60

	Tea Spoons	Dessert Spoons	Table Spoons
Quintuple.per dozen	$3 75	6 40	7 50

	Dessert Forks	Med. Forks
Quintuple...per dozen	$6 40	7 50

Sugar Shells, A1.....per dozen		$4 15
Butter Knives, A1.....	"	4 90
Butter and Sugar Sets, A1..per dozen sets		10 50
Child's Sets, A1	" "	11 25
Baby Spoons, A1.....per dozen		3 45
Pickle Forks, A1.....	"	5 00
Cold Meat Forks, A1, plain....	"	3 75
Cold Meat Forks, A1, gilt.....	"	9 75
Berry Spoons, A1, plain.....	"	11 25
Berry Spoons, A1, gilt.....	"	15 00

1766L O. V. B. SILVER PLATED WARE.

New page dated March 1, 1910.

Pilgrim Pattern.

Cream Ladles, A1, plain.....per dozen		$6 75
Cream Ladles, A1, gilt.....	"	9 00
Gravy Ladles, A1, plain.....	"	8 25
Gravy Ladles, A1, gilt.....	"	12 00
Medium Ladles, A1.....	"	22 50
Bouillon Spoons, A1.....	"	4 15
Soup Spoons, A1	"	4 70
Coffee Spoons, A1, plain.....	"	2 20
Coffee Spoons, A1, gilt.....	"	3 45
Orange Spoons, A1, plain.....	"	2 75
Orange Spoons, A1, gilt.....	"	4 50
Butter Spreaders, A1.....	"	3 95
Individual Salad Forks, A1....	"	4 35
Oyster Forks, A1.....	"	2 50

1767 O. V. B. SILVER PLATED WARE.

New page dated March 1, 1910.

Pilgrim Pattern.

Hollow handle Butter Spreaders, triple .....per dozen		$9 35
Hollow handle Fruit Knives triple	"	9 35
Hollow handle Pie Servers, triple	"	19 50
Hollow handle Child's Sets, triple .....per dozen sets		16 50

Hollow Handle Knives.

Triple plate, Medium.....per dozen		$10 00
Triple plate, Dessert	"	8 75

Hollow Handle Forks.

Triple plate, Medium.....per dozen		$9 40
Triple plate, Dessert.....	"	8 40

1768 O. V. B. SILVERWARE ASSORTMENTS.

New page dated March 1, 1910.

Nos.	23	24	25	27
Per assortment $8 80	8 80	8 45	9 70	
Nos.	28	29	30	31
Per assortment $9 70	8 80	16 55	16 55	
Nos.	32	16	15	14
Per assortment....$14 90	14 70	14 70	14 70	
Nos.	13	12	17	
Per assortment $14 70	14 70	7 20		

1770 *ROGERS & BRO. SILVER PLATED WARE.

New page dated Oct. 1, 1909
Entire page .....discount 50 per cent

1771 *ROGERS & BRO. SILVER PLATED WARE.

New page dated Oct. 1, 1909.
Entire page .....discount 50 per cent

1772 *ROGERS & BRO. SILVER PLATED WARE.

New page dated Oct. 1, 1909.
Entire page .....discount 50 per cent

1773 *ROGERS & BRO. SILVER PLATED WARE.

New page dated Oct. 1, 1909.
Entire page .....discount 50 per cent

1774 *ROGERS & BRO. SILVER PLATED WARE.

New page dated Oct. 1, 1909.
Entire page .....discount 50 per cent

1774A "1847 ROGERS BROS." SILVER PLATED WARE.

New page dated Oct. 1, 1909.
Entire page .....discount 30-10 per cent

Page

1774B "1847 ROGERS BROS." SILVER PLATED WARE.

New page dated Oct. 1, 1909.
Entire page .....discount 30-10 per cent

1775 "1847 ROGERS BROS." SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1776 ROGERS BROS. SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1777 ROGERS BROS. SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1778 ROGERS BROS. SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1779 "N. F. 1877" SILVER PLATED BAR GOODS.

Twist Handle Bar Spoons.

Nos.	21	22	23	24	25
Per dozen $1 20	1 25	1 40	1 60	1 90	

Julep Strainers.

No. 5 .....per dozen		$2 15
No. 6	"	2 70

Ice Cream Soda Spoons.

No. 3 .....per dozen		$2 20
No. 4	"	2 40

SHEFFIELD SILVER PLATED BAR SPOONS.

Nos.	11, 12 & 13	14	15		
Per dozen.....	Erase	erase	erase		

1780 SILVERWARE BOXES.

Entire page .....discount 40 per cent

1780A SILVERWARE ENGRAVING.

Style	1	2	3	4	5	6	7	8
Per letter ..$0	05	06	06	07	04	03	04	09
Style	9	10	11	12	13	14	15	
Each $2 40	1 20	1 20	1 80	1 20	2 10	2 10		

1780B SOLID STERLING SILVERWARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1781 SOLID STERLING SILVERWARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1782 SOLID STERLING SILVERWARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1783 SOLID STERLING SILVERWARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1784 SOLID STERLING SILVERWARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1785 SOLID STERLING SILVERWARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1786 SOLID STERLING SILVERWARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1787 SOLID STERLING SILVERWARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1788 SOLID STERLING SILVERWARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1788A STERLING SILVER BIRTH MONTH SPOONS.

New page dated March 1, 1909.
Entire page .....discount 40 per cent

1788B STERLING SILVER MOUNTED SOUVENIR SPOONS.

New page dated March 1, 1909.
Entire page .....discount 40 per cent

1788C STERLING SILVER MOUNTED SOUVENIR SPOONS.

New page dated March 1, 1909.
Entire page .....discount 40 per cent

1789 STERLING SILVER TOILET ARTICLES.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

1790 STERLING SILVER TOILET ARTICLES.

New page dated October 1, 1908.
Entire page .....discount 40 per cent

Page

1791 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1792 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1793 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1794 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1795 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1796 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1797 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1798 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1799 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1800 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1801 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1802 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1803 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1804 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1805 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1806 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1807 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1808 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1809 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1810 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1811 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1812 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1813 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1814 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1815 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1816 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1817 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.
Entire page .....discount 40 per cent.

1818 QUADRUPLE SILVER PLATED WARE.

New page dated October 1, 1908.

CANDELABRAS.

All Nos. .....discount 40 per cent

CANDLE HOLDERS AND EXTRAS.

Nos. ..	130	140	30	40	20	1	5	10
Per doz.	$15 60	18 00	6 00	8 40	1 90	7 20	30	50

Page

1843 FRENCH AND AMERICAN CUT GLASS.
New page dated October 1, 1908.
Entire page .....discount 45 per cent.
Erase following: Nos. 109, 107, 102 and 101, French salts and peppers.

1844 AMERICAN CUT GLASS.
New page dated October 1, 1908.
Entire page .....discount 45 per cent.

1845 AMERICAN CUT GLASS.
New page dated October 1, 1908.
Entire page .....discount 45 per cent.

1846 AMERICAN CUT GLASS.
New page dated October 1, 1908.
Entire page .....discount 45 per cent.

1847 AMERICAN CUT GLASS.
New page dated October 1, 1908.
Entire page .....discount 45 per cent.

1848 AMERICAN CUT GLASS.
New page dated October 1, 1908.
Entire page .....discount 45 per cent.

1849 AMERICAN CUT GLASS.
New page dated October 1, 1908.
Entire page .....discount 45 per cent.

1850 AMERICAN CUT GLASS.
New page dated October 1, 1908.
Entire page .....discount 45 per cent.

1851 AMERICAN CUT GLASS.
New page dated October 1, 1908.
Entire page .....discount 45 per cent.

1852 NEW HAVEN CLOCKS.
New page dated October 1, 1908.
Erase entire page.

1853 NEW HAVEN CLOCKS.
New page dated Oct. 1, 1906.
Erase entire page except Parker Clocks.

Nos.	160	61
Each	$1 00	1 30

1854 PARKER CLOCKS.
New page dated Oct. 1, 1906.

Nos.	106	105	102
Each	$0 83	erase	1 04
In case lots of 50	78	erase	1 02

ANSONIA CLOCKS.

	Pirate Alarm	Repeater Long Alarm	Racket Alarm	Bee Alarm	Bee
Each	$0 80	1 30	1 75	1 30	86

In Case Lots of 50.

Each	$0 70	1 25	1 58	1 25	84

On orders for case lots (50 in a case) we can furnish special printed dials gratis (except Bee and Bee Alarm, the dials on the latter being too small).

1854A ALARM CLOCKS.
New page dated March 1, 1907.
Entire page .....discount 40 per cent.

1855 CLOCKS.
New page dated March 1, 1907.

Alternating Alarm	each	$0 90
Alternating Alarm—In case lots	"	84
F. W. Alarm, Bronze	"	Erase

	America.	Alert.	Strenuous.	La Sellita.
Each	$0 70	Erase 90	65	
Case lots	65	Erase 85		

	Dot			Must-
	Rome.	Alarm.	Sunrise.	Spasmodic. getup.
Each	$0 75	85	85	1 32 Erase
Case lots	70	80	80	1 25 Erase

1856 NEW HAVEN CLOCKS.
New page dated March 1, 1907.
Erase entire page.

1857 NEW HAVEN ALARM CLOCKS.
New page dated March 1, 1910.

Jump	each	$0 72
Rapid Fire	"	1 15
Junior, nickel	"	1 40
Sting, nickel	"	85
Junior, gilt	"	1 45
Sting, gilt	"	90
Lark Alarm	"	85
Auto	"	90
Champion	"	1 20
No. 1 Tattoo	"	1 30
No. 2 Tattoo Alarm	"	1 45
Brummel	"	3 30

1858 NEW HAVEN CLOCKS.
New page dated March 1, 1910.
Entire page .....discount 40 per cent.

1859 NEW HAVEN CLOCKS.
New page dated March 1, 1910.
Entire page .....discount 40 per cent.

1860 NEW HAVEN CLOCKS.
New page dated March 1, 1910.
Entire page .....discount 40 per cent.

1861 NEW HAVEN CLOCKS.
New page dated March 1, 1910.
Entire page .....discount 40 per cent.

Page

1862 NEW HAVEN CLOCKS.
New page dated March 1, 1910.
Entire page .....discount 40 per cent.

1863 NEW HAVEN CLOCKS.
New page dated March 1, 1910.
Entire page .....discount 40 per cent.

1864 NEW HAVEN CLOCKS.
New page dated March 1, 1910.
Entire page .....discount 40 per cent.

1865 NEW HAVEN CLOCKS.
New page dated March 1, 1910.
Entire page .....discount 40 per cent.

1868C MANTEL CLOCKS.
New page dated Oct. 1, 1906.
Entire page .....discount 40 per cent.

1868D MANTEL CLOCKS.
New page dated Oct. 1, 1906.
Entire page .....discount 40 per cent.

1868E HALL CLOCKS.
For shipment from factory only.
New page dated Oct. 1, 1906.
Entire page .....discount 40 per cent.

1868F HALL CLOCKS.
For shipment from factory only.
New page dated Oct. 1, 1906.
Entire page .....discount 40 per cent.

1868G HALL CLOCKS.
New page dated March 1, 1907.
For shipment from factory only.
Entire page .....discount 40 per cent.

1869 HALL CLOCKS.
For shipment from factory only.
New page dated March 1, 1907.
Entire page .....discount 40 per cent.

1870 CUCKOO CLOCKS.
New page dated March 1, 1907.
New list as follows:

Nos.	62	62½	44	35E	55
Each	$0 90	78	8 80	6 00	9 80

Entire page .....discount 40 per cent.

1871 CUCKOO CLOCKS.
New page dated March 1, 1907.
New list as follows:

Nos.	32	33	107	24	42	56
Ea.	$14 00	14 50	15 00	17 50	19 00	23 50

Entire page .....discount 40 per cent.

1872 CUCKOO CLOCKS.
New page dated March 1, 1907.
New list as follows:

Nos.	7	46	10	11	31	12
Ea.	$23 50	27 50	34 00	36 00	65 00	32 00

Entire page .....discount 40 per cent.

1873 NEWMAN WATCHMEN'S CLOCKS.
New page dated October 1, 1908.

New list—Nos.	9	16
Each	$110 00	120 00

Entire page .....discount 45 per cent.

1874 INGERSOLL WATCHES.
New page dated October 1, 1908.

Yankee—Nickel plated	per dozen	$10 80
Yankee—Gold plated	"	11 50
Yankee—Oxidized	"	11 50
Eclipse—Solid nickel	"	erase
Eclipse—Gold plated	"	erase
Eclipse—Oxidized	"	erase
Triumph—Silver plated	"	erase
Junior—Nickel plated	"	19 40
Junior—Gilt	"	20 00
Junior—Gun metal	"	20 00
Triumph—Oxidized silver	"	18 00
Triumph—Gilt metal	"	Erase
Midget—Solid nickel	"	19 45
Midget—Oxidized	"	20 15
Midget—Gold plated	"	20 15

DISPLAY STANDS.
No. 8, exclusive of goods.....each $1 20
Nos. 16 and 17, exclusive of goods, free of charge.

CONNECTICUT WATCH CO.
No. 18 .....per dozen $21 60

1875 WATCHES.
New page dated October 1, 1908.

JEROME, MEN'S 16 SIZE.

Finish	Nickel.	Gilt.	Gun metal.	
Per dozen	$8 65	9 35	9 35	
Name	Escort.	Shield.	Auto.	Guide.
Per dozen	$13 70	13 70	11.10	11 10
No. 10	per dozen			$18 00
No. 7	"			18 00

LADY CLARE.

Finish	Nickel.	Gilt.	Oxidized.
Per dozen	$17 30	18 00	18 00

1876 MEN'S SOLID NICKEL WATCHES.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

Nos.	3002	3006	3007	3010	3011
New list	$8 70	8 70	12 20	9 70	13 20
Nos.	3014	3015	3018	3021	3022 3023
New list	$9 70	13 20	9 70	12 00	15 50 17 50

Page

1877 MEN'S STERLING SILVER WATCHES.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

Nos.	3025	3026	3027	3031	3032	3033
New list	$16 00	18 50	20 50	17 50	20 00	22 00
Nos.	3037	3038	3039	3043	3044	3045
New list	$18 00	20 50	22 50	18 00	20 50	22 50
Nos.	3049	3050	3051	3055	3056	3057
New list	$18 50	21 00	23 00	22 50	25 00	27 00

1878 WATCHES.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

Nos.	3062	3063	3066	3067	3070	3071
New list	$14 50	19 00	14 70	19 20	12 00	15 50
Nos.	3074	3075	3078	3079	3082	3083
New list	$15 00	19 50	15 20	19 70	12 50	16 00

1879 GOLD FILLED WATCHES.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

Nos.	3085	3086	3087	3090
New list	$21 00	23 50	25 50	16 00
Nos.	3091	3092	3093	
New list	$24 50	27 00	29 00	
Nos.	3102	3103	3104	3105
New list	$16 00	24 50	27 00	29 00
Nos.	3109	3110	3111	
New list	$25 00	27 50	29 50	
Nos.	3114	3115	3116	3117 3118 3119
New list	$16 00	24 50	27 00	28 50 46 70 62 70

1880 GOLD FILLED WATCHES.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

Nos.	3121	3122	3123	3124	3127	3128
New list	$22 00	26 50	30 50	35 50	23 50	28 00
Nos.	3129	3130	3133	3134	3135	3136
New list	$32 00	37 00	22 00	26 50	30 50	35 50
Nos.	3139	3140	3141	3142	3145	3146
New list	$23 50	28 00	32 00	37 00	26 50	31 00
Nos.	3147	3148	3151	3152	3153	3154
New list	$35 00	40 00	23 50	28 00	32 00	37 00

1881 GOLD FILLED WATCHES.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

Nos.	3157	3158	3159
Hunting, new list	$21 00	25 50	29 50
Nos.	3162	3163	3164
Hunting, new list	$23 00	27 50	31 50
Nos.	3157	3158	3159
Open Face, new list	$17 50	22 00	26 00
Nos.	3162	3163	3164
Open Face, new list	$18 50	23 00	27 00
Nos.	3167	3168	3169
Hunting, new list	$21 00	25 50	29 50
Nos.	3173	3174	3175
Hunting, new list	$23 00	27 50	31 50
Nos.	3167	3168	3169
Open Face, new list	$17 50	22 00	26 00
Nos.	3173	3174	3175
Open Face, new list	$18 50	23 00	27 00
Nos.	3178	3179	3180
Hunting, new list	$25 50	30 00	34 00
Nos.	3183	3184	3185
Hunting, new list	$23 00	27 50	31 50
Nos.	3178	3179	3180
Open Face, new list	$21 50	26 00	30 00
Nos.	3183	3184	3185
Open Face, new list	$18 50	23 00	27 00

1882 GOLD FILLED WATCHES.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

Nos.	3188	3189	3190	3193	3194 3195
New list	$21 00	23 50	25 50	21 00	23 50 25 50
Nos.	3202	3203	3204	3205	3208 3209
New list	$18 50	27 00	29 50	31 50	26 50 29 00
Nos.	3210	3212	3213	3214	3215 3216
New list	$31 00	21 00	29 50	32 00	33 50 45 70

1883 GOLD FILLED WATCHES.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

Nos.	3218	3219	3220	3222	3223
New list	$26 00	28 50	30 50	23 50	32 00
Nos.	3224	3225	3232	3233	3234
New list	$34 50	36 50	23 50	32 00	34 50
Nos.	3235	3247	3238	3239	3241
New list	$36 50	30 50	33 00	35 00	23 50

1884 GOLD FILLED WATCHES.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

Nos.	3247	3248	3249	3250	3253	3254
New list	$27 50	32 00	36 00	41 00	28 50	33 00
Nos.	3255	3256	3259	3260	3261	3262
New list	$37 00	42 00	27 50	32 00	36 00	41 00
Nos.	3265	3266	3267	3268	3271	3272
New list	$28 50	33 00	37 00	42 00	31 50	36 00
Nos.	3273	3274	3277	3278	3279	3820
New list	$40 00	45 00	28 50	33 00	37 00	42 00

1885 GOLD FILLED WATCHES.
New page dated October 1, 1908.
Entire page .....discount 40 per cent.

Nos.	3283	3284	3285	3286	3288	3289
New list	$17 50	22 00	26 00	31 00	28 50	32 50
Nos.	3290	3291	3299	3300	3301	3302
New list	$36 50	41 50	24 00	28 50	32 50	37 50
Nos.	3304	3305	3306	3307		
New list	$27 50	32 00	36 00	41 00		

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GOLD FILLED WATCHES.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

Nos.	3315	3316	3317	3319	3320	3322
New list	$25 50	30 00	34 00	65 00	125 00	23 00
Nos.	3323	3324	3326	3327	3329	3330
New list	$27 50	31 50	62 50	122 50	25 50	30 00
Nos.	3331	3333	3335	3336	3337	3339
New list	$34 00	65 00	25 50	30 00	34 00	65 00
Nos.			3340		3342	3343
New list			$125 00		26 00	20 50
Nos.			3344		3346	3347
New list			$34 50		65 50	125 50
Nos.	3349		3350	3351	3353	3354
New list	$35 50		40 00	44 00	75 00	135 00

1887 GOLD FILLED WATCHES.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

Nos.	3361	3362	3369	3370	3374	3378
New list	$15 10	21 10	15 70	21 70	15 80	17 20

1888 GOLD FILLED WATCHES.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

Nos.	3381	3382	3385	3386	3389	3390
New list	$21 00	26 00	23 00	28 00	21 00	26 00
Nos.	3393	3394	3397	3398	3401	3402
New list	$23 00	28 00	25 00	30 00	23 00	28 00

1889 DUEBER HAMPDEN WATCHES.

New page dated October 1, 1908.

Entire page .....discount 40 per cent

Nos.	3404	3405	3406	3408	3409	3410
New list	$20 30	26 30	34 30	18 30	24 30	32 30
Nos.	3412	3413	3414	3416	3417	3418
New list	$20 30	26 30	34 30	22 00	28 00	36 00
Nos.	3420	3421	3422	3424	3425	3426
New list	$24 00	30 00	38 00	22 00	28 00	36 00

1890 DUEBER HAMPDEN WATCHES.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

Nos.	3429	3430	3433	3434	3437	3438
New list	$24 50	29 50	27 50	32 50	24 50	29 50
Nos.	3441	3442	3445	3446	3449	3450
New list	$25 00	30 00	25 00	30 00	25 00	30 00

1891 MISCELLANEOUS LADIES' WATCHES.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

Nos.	3452	3453	3454	3456	3457	3458
New list	$26 50	32 50	40 50	21 00	27 00	35 00
Nos.	3460	3461	3462	3464	3465	3466
New list	$27 50	33 50	41 50	24 00	30 00	38 00
Nos.	3468	3469	3470	3472	3473	3474
New list	$24 00	30 00	38 00	24 00	30 00	38 00

1892 GOLD WATCHES.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

Nos.	3476	3477	3478	3480	3481	3482
New list	$34 00	40 00	48 00	34 00	40 00	48 00
Nos.	3484	3485	3486	3488	3489	3490
New list	$34 00	40 00	48 00	28 00	44 00	52 00
Nos.	3492	3493	3494	3496	3497	3498
New list	$19 52	55 50	63 50	59 50	65 50	73 50

1893 GOLD WATCHES.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

Nos.	3501	3502	3505	3506	3509	3510
New list	$40 00	45 00	40 00	45 00	45 00	50 00
Nos.	3513	3514	3517	3518	3521	3522
New list	$53 50	58 50	58 50	63 50	63 00	68 00

1894 GOLD WATCHES.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

Nos.	3524	3525	3526
Hunting, new list	$45 50	50 00	54 00
Nos.	3527		3528
Hunting, new list	$85 00		145 00
Nos.	3524	3525	3526
Open Face, new list	$44 00	48 50	52 50
Nos.	3527		3528
Open Face, new list	$83 50		143 50
Nos.	3530	3531	3532	3533	3534
New list	$43 50	48 00	52 00	83 00	143 00
Nos.	3536		3537	3538
Hunting, new list	$45 50	50 00	54 00
Nos.	3539		3540
Hunting, new list	$85 00		145 00
Nos.	3536		3537	3538
Open Face, new list	$44 00	48 50	52 50
Nos.	3539		3540
Open Face, new list	$83 50		143 50
Nos.	3542	3543	3544
Hunting, new list	$64 50	69 00	72 00
Nos.	3545		3546
Hunting, new list	$104 00		164 00
Nos.	3542	3543	3544
Open Face, new list	$56 50	61 00	65 00
Nos.	3545		3546
Open Face, new list	$96 00		156 00
Nos.	3548	3549	3550
Hunting, new list	$66 50	71 00	75 00
Nos.	3551		3552
Hunting, new list	$106 00		166 00
Nos.	3548	3549	3550
Open Face, new list	$58 50	63 00	67 00
Nos.	3551		3552
Open Face, new list	$98 00		158 00
Nos.	3554	3555	3556	3557	3558
New list	$69 50	74 00	78 00	109 00	169 00

Page 1895

GOLD WATCHES.

New page dated October 1, 1908.

Entire page .....discount 40 per cent

Nos.	3560	3561	3562	3563
Hunting, new list	$65 00	69 50	73 50	78 50
Open Face, new list	55 50	60 00	64 00	69 00
Nos.	3578	3579	3580	3581
Hunting, new list	$73 50	76 00	78 00	82 00
Open Face, new list	64 50	67 00	69 00	74 00
Nos.	3572	3573	3574	3575
New list	$66 50	71 00	75 00	80 00
Nos.	3566	3567	3568	3569	3584
New list	$66 00	70 50	74 50	79 50	75 50
Nos.			3585	3586	3587
New list			$78 00	80 00	84 00
Nos.			3590	3591	3592
New list			$153 00	157 50	161 50

1896A WATCH CHAINS.

New page dated October 1, 1908.

Entire page .....discount 40 per cent

1896B WATCH CHAINS.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

1897 WATCH FOBS.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

1898 LOCKET AND BRACELETS.

New page dated October 1, 1908.

Entire page .....discount 40 per cent.

1900E MEN'S VEST CHAINS.

Erase entire page.

New goods shown on pages dated Oct. 1, '08.

1900F GOLD RINGS.

Erase entire page.

1900G WATCH CASES.

Entire page .....discount 40 per cent.

1900H SHOW CASE TRAYS.

Entire page .....discount 40 per cent.

1900I JEWELRY ASSORTMENT.

New page dated Oct. 1, 1906.

Entire page .....discount 40 per cent.

1900J JEWELRY ASSORTMENT.

New page dated Oct. 1, 1906.

Entire page .....discount 40 per cent

1901 TITLE PAGE.

1902 TALK ON GUNS.

1902A GUN PARTS.

1902B GUN PARTS.

1903 GUN SHOW CASE.

New page dated March 1, 1908.

No. 26 .....each $22 00

1904 REV-O-NOC HAMMERLESS SHOT GUNS.

New page dated March 1, 1908.

Nos.	101 & 16101	102 & 16102	103 & 16103
Each	$17 60	19 80	22 00
Nos.		101E	102E	103E
Each		$25 85	Erase	32 00
Single triggers, extra				$15 65

1905 CRUSO GUNS.

New page dated Oct. 1, 1909.

Nos.	138	16138	138N	16138N
Each	$8 25	8 25	8 25	8 25
Nos.	238	16238	38	1638
Each	$8 80	8 80	11 00	11 00
Nos.	G438	48	1648	49	439
Each	$13 20	12 10	12 10	14 85	erase

1906 DOUBLE BARREL SHOT GUNS.

New page dated Oct. 1, 1909.

Nos.	201	01S	016S	328	344
Each	$16 50	14 30	erase	13 75	13 75

1907 DOUBLE BARREL SHOT GUNS.

New page dated March 1, 1909.

STEVENS' HAMMER.

Nos.	235	16235	255
Each	$10 70	10 70	15 95

STEVENS' HAMMERLESS.

Nos.	335,16335	355,16355
Each	$14 85	erase

H. & A. HAMMER.

Nos.	0312,0316	312,316	320
Each	$11 55	13 20	14 70

BATAVIA HAMMERLESS.

Nos.	8	19
Each	$16 50	19 80

Change No. 18 to No. 8.

Remember that these are not our lowest prices, but are sufficiently accurate to enable you to take orders for goods not carried in stock.

Page 1908

DOUBLE BARREL SHOT GUNS.

New page dated March 1, 1909.

REMINGTON.

Nos.	K	KE	KED
Each	Erase	26 40	30 80

T. BARKER.

No. 115 .....each $9 35

Erase 32 in barrels.

1909 TOBIN.

No. 10T .....each $18 15

L. C. SMITH.

Nos.	90,1690	91,1691	92,1692
Each	$16 50	17 60	20 35

Erase 30 in barrels in No. 1691.

1909 DOUBLE BARREL SHOT GUNS.

New page dated March 1, 1909.

L. C. SMITH.

For Shipment from Stock.

Nos.	00	00A	0	0A	1
Each	$23 50	36 00	35 05	45 60	45 60
Nos.				1A	2
Each				$56 10	59 60

For Shipment from Factory.

Nos.	2A	3	3A	P	PA
Each	$70 10	73 70	85 80	92 95	103 40
Nos.	4	4A	5	5A	MA
Each	$112 20	119 18	147 25	159 50	262 90
Nos.				A2	A3
Each				$280 50	573 60

Hunter, one-trigger mechanism, extra each $24 75

1910 DOUBLE BARREL SHOT GUNS.

New page dated March 1, 1909.

For Shipment from Factory.

Nos.	VH	PH	GH	DH	&DHT
Each	$35 25	45 85	56 35	70 50	
Nos.	EVH	EGH	EDH	ECH	EBH
Each	$52 90	74 10	88 16	134 45	158 75

1911 DOUBLE BARREL SHOT GUNS.

New page dated March 1, 1909.

Nos.	AF	AFE	BF	BFE	CF	CFE
Ea.	$34 10	45 10	46 20	57 20	66 00	77 00

Nos. BFE and CFE we furnish from factory only.

1912 DOUBLE BARREL SHOT GUNS.

New page dated March 1, 1909.

Nos.	DS	DSE	H	HE
Each	$23 10	31 90	31 05	30 80
Nos.	G	GE	F	FE
Each	$40 15	51 15	53 45	63 50

Nos. HE, GE, F, FE, from factory when desired.

1913 DOUBLE BARREL SHOT GUNS.

New page dated March 1, 1909.

ITHACA.

Nos.	59,1659,2059		60
Each	$17 35		20 35
Nos.	60E	61	62
Each	$29 95	22 85	28 05

GOLD HIBBARD.

Nos.	119,16119	120	130
Each	Erase	Erase	Erase
Nos.	131	223	222
Each	Erase 10	45	10 35

1914 DOUBLE BARREL AND REPEATING SHOT GUNS.

New page dated March 1, 1909.

H. J. STERLING HAMMER.

Nos.	105	106	111	112,16112
Each	$7 15	7 40	8 00	Erase
Nos.	0112	20112	113CB	16113CB
Each	Erase	Erase	9 60	9 60

MARLIN REPEATING.

No. 21A .....erase

1915 MARLIN REPEATING SHOT GUNS.

New page dated March 1, 1909.

Nos.	24A	24B	24C	24D
Each	$19 80	27 75	37 40	82 50

No. 24D Factory shipment only.

1916 MARLIN REPEATING SHOT GUNS.

New page dated March 1, 1909.

Nos.	16A	16B	16C	16D	26A	26AR
Each	$19 80	27 75	37 40	82 50	18 05	18 05

Nos. 16B, 16C and 16D Factory shipment only.

1917 SHOT GUNS.

New page dated Oct. 1, 1909.

MARLIN.

No. 1240 .....each $33 00

Extra barrels for Marlin Guns.... " 11 75

WINCHESTER.

All numbers .....discount 20—5 per cent.

1918 REMINGTON SHOT GUNS.

New page dated Oct. 1, 1909.

Nos.	1P	1PR	1BP	
Each	$28 00	32 45	39 25	
Nos.	2P	3P	3AP	4P
Each	$35 00	35 00	46 35	49 10
Nos.	150	160	170	
Each	$21 20	21 20	36 30	

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

1918A SINGLE BARREL SHOT GUNS.

New page dated March 1, 1910.

Nos.	1605S	16105S	107	16107	115S	180
Each	$4 70	4 70	5 00	5 00	5 75	erase
Nos.	125	123	124	258	258NP	16258
Each	$6 50	6 30	6 30	4 50	4 50	4 50
Nos.	16258NP	268H	268NP	16268	16268NP	298
Each	$4 50	4 80	4 80	4 80	4 80	5 60

1919 SHOT GUNS.

New page dated March 1, 1909.

STEVENS' REPEATING.

No. 520 ..... each $19 80

SINGLE BARREL.

Nos.	211	211NP	212	221	221NP
Each	Erase	Erase	3 85	Erase	Erase
Nos.		231	291	16291	294
Each	Erase		4 95	5 40	5 20

1920 SINGLE BARREL SHOT GUNS.

New page dated March 1, 1909.

SPENCER GUN CO.

Nos.	251,16251	20251	261&20261	16261
Each	$4 40	erase	4 65	erase

THREE SHOT.

No. 261C ..... each $1 65

HOPKINS AND ALLEN.

Nos.	912	916	712	716
Each	$4 10	Erase	4 45	4 45
Nos.	1512	1516	1520	1612	1616&1620
Each	$4 10	4 50	4 10	4 40	4 40

1921 SINGLE BARREL SHOT GUNS.

New page dated March 1, 1909.

H. AND A. CANNON BREECH.

Nos.	299	299NP
Each	$6 05	6 05

H. AND A. HAMMERLESS.

Nos.	512	516	520S
Each	$7 15	7 15	7 15

H. AND A. TAXIDERMIST.

No. 2044 ..... each $6 05

1922 AIR RIFLES.

New page dated March 1, 1909.

Nos.	10	5004	5005	5015	5016
Per dozen	$4 30	6 85	9 35	10 70	12 35
Nos.	5017	11	12	5001	5025
Per dozen	$14 00	4 95	2 20	2 20	23 65

1923 AIR AND TARGET RIFLES.

New page dated March 1, 1909.

STIRLING AIR RIFLES.

Nos.	13	15	16
Per dozen	$4 40	4 40	Erase

DAISY.

Nos.	5006	5002	5018	5012
Per dozen	$6 85	9 35	12 35	14 00

No. 71—100 Darts ..... per gross $3 30

CHICAGO.

No. 5003 ..... per dozen $6 85

HAMILTON RIFLES.

Nos.	27	027	2222	2322	2422
Each	$1 20	1 35	Erase	Erase	1 60

REMINGTON RIFLES.

Nos.	622	632	422	432
Each	$2 60	2 60	4 40	4 40

1924 RIFLES.

New page dated March 1, 1909.

No.	A	B
Each	$14 85	12 35
Slot Blank, extra	each	$0 18
Rear Sight Blank, extra	"	36

H. AND A. REPEATING.

No. 79 ..... each $7 15

H. AND A. SINGLE SHOT.

Nos.	722	822	922	932	1922	2932
Each	$2 45	3 30	4 40	4 40	5 20	5 20

SAVAGE SINGLE SHOT.

Nos.	817	819	818
Each	$4 40	5 22	3 15

STEVENS' LITTLE KRAG.

No. 65 ..... each $3 30

1925 TARGET AND SPORTING RIFLES.

New page dated March 1, 1909.

STEVENS' REPEATING.

Nos.	70	80	85
Each	$6 30	8 25	Erase

STEVENS' POCKET.

Nos.	8510	8102	8105
Each	$6 15	7 40	8 35

STEVENS' SINGLE SHOT.

Nos.	14	3222	3222SB	3022
Each	$1 60	2 10	2 10	2 65
Nos.	3032	30328B	3822	3832
Each	$2 65	2 65	4 40	4 40

Page

1926 RIFLES.

New page dated March 1, 1909.

STEVENS.

Nos.	3522	3522W	3525	3532
Each	$4 40	4 40	4 40	4 40
Nos.	3622	3722	9104	9106
Each	$7 15	7 15	7 85	9 40
Nos.	9204	9206	9304	9506	9508
Each	$7 85	9 40	9 40	9 40	9 40

FLOBERT.

No. 5104½ ..... each $2 05

DAVENPORT'S BROWNIE.

No. G22 ..... each $5 00

1926A REMINGTON REPEATING RIFLES.

New page dated Oct. 1, 1909.

Nos.	1021	1022	1023
Each	$8 80	11 00	11 00

1927 MARLIN REPEATING RIFLES.

New page dated March 1, 1909.

Nos.	1924	1820	1920	2024
Each	$7 70	7 15	6 85	10 70
Nos.	2124	2224	2226	2334
Each	$11 25	12 20	13 65	11 25

No. 2424 ..... each $12 20

Extra Carriers for Nos. 1820 and 1920 " 1 50

1928 MARLIN RIFLES.

New page dated March 1, 1909.

Nos.	1124	1224	1226	1284½
Each	$13 20	14 55	16 00	17 75
Nos.	2524	2624	2626	3189
Each	$11 25	12 20	13 65	11 25
Nos.	3289	3426	3724	3824
Each	$12 20	13 65	11 25	12 20
Nos.	4424	8925	8932	8938
Each	$12 20	11 15	11 15	11 15
Nos.	8944	8930	8940	9330
Each	$11 15	13 30	13 30	14 70

1929 MARLIN REPEATING RIFLES.

New page dated March 1, 1910.

Nos.	2636	6306	6406	6408
Each	$14 70	14 00	14 70	15 95
Nos.	6406½	3826	6406TD	6406½TD
Each	$14 70	14 70	18 00	18 00
Nos.	6486TD	3226TD	2624TD	2626TD
Each	$21 15	18 00	15 50	16 95

1930 RIFLES.

New page dated March 1, 1910.

STANDARD REPEATING.

Nos.	1H	1A	2A
Each	$23 65	30 00	30 00

SAVAGE MAGAZINE.

Nos.	7422	7106	7302	7306
Each	$17 85	17 85	17 85	17 85
Nos.	7502	7506	7406½	7606½
Each	$17 85	17 85	19 45	19 45
Nos.	7206	7406	7406PG	7606
Each	$19 45	21 85	21 85	19 45

Extra Magazine for No. 7422 ..... each $0 25

CARBINES.

Nos.	7320	7520
Each	$16 80	16 80

SAVAGE MAGAZINE TAKE DOWN.

Nos.	7306TD	7302TD	7506TD	7502TD
Each	$19 00	19 00	19 00	19 00

FEATHERWEIGHT.

Nos.	7320F	7520F
Each	$20 00	20 00

1931 RIFLES.

New page dated Oct. 1, 1909.

Nos.	35	32	30	25
Each	$23 10	23 10	23 10	23 10

Rimless Cartridges, Smokeless Powder.

All numbers ..... discount 10 per cent

RIFLES.

Nos.	720	718	719	702
Each	$3 00	3 25	4 60	8 05
Nos.	704	705	706	724
Each	$10 65	10 65	10 65	16 60
Nos.	5104	5106	5108	7100
Each	$12 40	13 20	12 40	12 40
Nos	190	191	192	193
Each	$10 80	11 80	10 80	11 80
Nos.	194	195	196	197
Each	$10 80	11 80	10 80	11 80

1932 WINCHESTER REPEATING RIFLES.

New page dated Oct. 1, 1909.

MODEL 1892.

Nos.	2020	2220	2216	2420
Each	$11 60	11 60	11 60	11 60
Nos.		2416	2620	2616
Each		$11 60	11 60	11 60

Page

MODEL 1894.

Discount ..... 25-10-5 per cent.

MODEL 1886.

Discount ..... 20-5 per cent.

Erase No. 2706.

RIFLE CARTRIDGE BUSHINGS.

No. 490 ..... per dozen $4 40

MODEL 1895.

Discount ..... 20-5 per cent.

SELF LOADING TAKE DOWN.

Nos. 7032 and 7035 ..... discount 20-5 per cent.

Extra magazine ..... each $1 15

MODEL 1907.

No. 351 ..... discount 20-5 per cent.

Extra magazine $1 15

Maxim Silencers ..... discount 5 per cent.

WINCHESTER BREECH LOADING CANNON.

No. 100 ..... each $5 75

No. 10 Gauge Shells ..... per hundred 2 00

1937 WINCHESTER REPEATING RIFLES.

Erase entire page.

1938 MARBLE RIFLE SIGHTS.

New page dated March 1, 1907.

Nos.	51	52	53	54
Each	$2 20	2 55	2 55	2 10
Nos.	60	41	42	71	61
Each	$0 70	70	55	1 10	1 10

Change No. 61 "to read 60," and No. 60 "to read 61."

List on No. 60 should be $1.00.

LYMAN SIGHTS.

Nos.	1	2	21	3	4	24	26
Each	$2 10	2 50	2 50	70	36	36	36
Nos.	5	6	11	10	9	14	12
Each	$0 70	70	36	36	70	erase	20

1939 RIFLE SIGHTS, RELOADING TOOLS AND REVOLVERS.

New page dated March 1, 1910.

STEVENS.

Short Vernier Peep	each $2 50
Sporting or Rocky Mountain Rear	" 65
Rocky Mountain Front	" 40

WINCHESTER

Sporting Rear	each $0 65
Extra Steps	" 18
Sporting Front	" 27
Model '90 Front	" 27
Model '90 Rear	" 55

Nos.	22	32	38
Per set	$1 50	1 50	1 50

No. 303 ..... erase

No. 25-20 Stevens	per set	$1 70		
No. 25-20 Marlins	"	1 70		
Nos.	32-20	38	38-40	44-40
Per set	$1 70	1 70	1 70	1 70
Nos.	25-35	30-30	32-40	38-55	38-56	40-82
Per set	$1 90	1 90	1 90	1 90	1 90	1 90

Ideal Dippers ..... each $0 35

	Reloader.	Mould.	Cup.
25-20 ..... per set	$1 10	85	08
32-20 ..... "	1 10	85	08

Melting Ladles.

Nos.	3	4	5
Per dozen	$1 65	2 00	2 45

Ideal Melting Pots $0 35

Ideal Stove Covers 35

Single Action Revolvers.

Nos.	622	1132
Each	$1 20	1 35

Remington Derringers.

Nos.	4N	4B
Each	$4 65	4 65

1940 PISTOLS AND REVOLVERS.

New page dated March 1, 1919.

Nos.	10	11	12	13	14	35
Each	$2 25	3 70	3 70	5 80	5 80	5 80
Nos.	2122	4132	4138	4144	2132	
Each	$2 10	2 10	2 10	2 35	2 10	
Nos.	4132B	4138B	4144B	4232	4238	4244
Each	$2 35	2 35	2 75	2 35	2 35	2 75
Nos.	4232B	4238B	4244B	4432	4438	4444
Each	$2 75	2 75	3 00	2 75	2 75	3 00
Nos.	4122	4332	3232	3132	5132	5138
Each	$2 20	2 20	2 20	2 20	2 20	2 20

Rubber Target Grip Stocks ..... per pair $0 55

In a great many instances we have quoted discounts, for convenience, on lines which are sold at net prices. All such goods will be billed net.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

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1941 **REVOLVERS.**

New page dated Oct. 1, 1909.

Nos.	4732	4732B	4738	4738B
Each	$4 40	4 65	4 40	4 65
Nos.	4832	4832B	4838	4838B
Each	$4 65	4 95	4 65	4 95
Nos.	4932	4932B	4938	4938B
Each	$4 95	5 20	4 95	5 20
Nos.	4522	4522B	4532	4532B
Each	$4 40	4 65	4 40	4 65
Nos.	4622	4622B	4632	4632B
Each	$4 40	4 65	4 40	4 65
Nos.	5922	5922B	5932	5422
Each	$4 95	5 20	4 95	4 95
Nos.	5422B	5432	5432B	5522
Each	$5 20	4 95	5 20	4 95
Nos.	5522B	5532	5532B	5538
Each	$5 20	4 95	5 20	4 95
Nos.	5538B	5632	5632B	5638
Each	$5 20	5 20	5 50	5 20
Nos.	5638B	3332	3722	3722B
Each	$5 50	4 40	4 40	4 65
Nos.	3732	3732B	3738	3738B
Each	$4 40	4 65	4 40	4 65
Nos.	3832	3832B	3838	3838B
Each	$4 65	4 95	4 65	4 95
Nos.	3922	3922B	3932	3932B
Each	$4 95	5 20	4 95	5 20
Nos.	3938	3938B	6032	6032B
Each	$4 95	5 20	5 20	5 50
Nos.			6038	6038B
Each			$5 20	5 50

1942 **REVOLVERS.**

New page dated Oct. 1, 1909.

Nos.	3532	3532B	3538	3538B
Each	$4 95	5 20	4 95	5 20
Nos.	3632	3632B	3638	3638B
Each	$5 20	5 50	5 20	5 50
Nos.	3432	3432B	3438	3438B
Each	$5 50	5 75	5 50	5 75
Nos.	1432		1532	1422
Each	$2 20		2 20	2 20
Target grip stock	each			$0 60
Nos.	1222	1232	432	432B
Each	$2 20	2 20	4 95	5 20
Nos.	438	438B	1322G	1322BG
Each	$3 60	6 90	3 55	3 85
Nos.	1332G	1332BG	1338G	1338BG
Each	$3 55	3 85	3 55	3 85
Nos.	2332	2332B	2338	2338B
Each	$4 40	4 65	4 40	4 65
Nos.	2332G	2332BG	2338G	2338BG
Each	$5 50	5 75	5 50	5 75
Nos.	2432G	2432BG	2438G	2438BG
Each	$5 75	6 00	5 75	6 00

1943 **REVOLVERS.**

New page dated Oct. 1, 1909.

Nos.	200	300	206P	300P
Each	$2 00	2 40	2 55	3 25
Nos.	222	222B	222P	222PB
Each	$3 75	3 95	4 30	4 50
Nos.	6422	6522	9232	9332
Each	$12 10	12 10	13 20	13 20
Nos.	9238	9338	9438	9538
Each	$14 30	14 30	14 30	14 30
Nos.	9638	9738	9838	9938
Each	$14 30	14 30	14 30	14 30
Nos.	32N	32B	38N	38B
Each	$14 30	14 30	15 40	15 40
Nos.	48N	48B	58N	58B
Each	$15 40	15 40	15 40	15 40
Nos.	68N	68B	6844SB	6432
Each	$15 40	15 40	22 00	14 30
Nos.	6532	6632	6732	6832
Each	$14 30	14 30	14 30	14 30
Nos.	6932	6432W	6532W	6632W
Each	$14 30	16 50	16 50	16 50
Nos.	6732W	6832W	6932W	6438
Each	$16 50	16 50	16 50	16 50
Nos.	6538	6638	6738	6838
Each	$16 50	16 50	16 50	16 50
Nos.	6938	6638T	6432WSB	6632WSB
Each	$16 50	18 25	17 60	17 60
Nos.	6832WSB	6438SB	6538SB	6638SB
Each	$17 60	17 60	17 60	17 60
Nos.		6838SB	6638SBT	6838SBT
Each		$17 60	19 25	19 25

1944 **REVOLVERS.**

New page dated Oct. 1, 1909.

Nos.	7232B	7332B	7832	7832B	7832BP
Each	$12 10	12 10	13 20	13 20	13 20
Nos.	7932	7932B	7932BP	7932BT	7238
Each	$13 20	13 20	13 20	14 30	13 20
Nos.	7238B	7338B	7432WB	7632WB	7238S
Each	$13 20	13 20	13 20	13 20	13 20
Nos.	7238SB	7338SB	7732SB	7732S	7832SB
Each	$13 20	13 20	14 30	14 30	14 30
Nos.	7438S	7438SB	7738S	7738SB	7441S
Each	$14 30	14 30	14 30	14 30	14 30
Nos.	7441SB	7741SB	7538B	7638B	7838B
Each	$14 30	14 30	15 40	15 40	15 40
Nos.	7544B	7644B	7744B	7545B	7745B
Each	$14 30	14 30	14 30	14 30	14 30
Nos.	7744BT	7738BT	7938BT		
Each	$25 30	17 60	17 60		

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1945 **REVOLVERS AND PISTOLS.**

COLT'S SINGLE ACTION.

Nos.	8132S	8132M	8132L	8138S	8138M
Each	$14 30	14 30	14 30	14 30	14 30
Nos.	8141S	8141M	8144S	8144M	8145S
Each	$14 30	14 30	14 30	14 30	14 30
Nos.	8145M	8232SB	8232MB	8232LB	8238SB
Each	$14 30	14 30	14 30	14 30	14 30
Nos.	8238MB	8241SB	8244SB	8245SB	
Each	$14 30	14 30	14 30	14 30	

COLT'S AUTOMATIC.

Nos.	C1	6	380	C5	45	7
Ea.	$11 00	14 30	16 50	18 70	26 35	19 80

EXTRA MAGAZINES FOR COLT'S.

Caliber	25	32	38	380	45
Each	$0 77	88	1 20	1 35	1 35

SAVAGE AUTOMATIC.

No. 15	each	$13 75
Extra Magazines, 32 cal.	"	95

LUGER AUTOMATIC.

No. 9	each	$23 65
No. 18	"	23 65
Extra Magazines	"	1 35

AMMUNITION.

7.65 MM.	per M	$25 00
9 MM	"	25 00

1949 **PEARL STOCKS.**

New page dated October 1, 1908.

Nos.	10 to 33C	34	35	40	41	42
Per pair	$1 10	2 75	3 30	3 55	2 20	7 70
Nos.	43	50	70	80	95&96	90
Per pair	$1 65	2 75	6 85	8 80	4 40	14 00

1952 **METALLIC CARTRIDGES**

New page dated October 1, 1908.

1953 **METALLIC CARTRIDGES.**

New page dated October 1, 1908.

1954 **METALLIC CARTRIDGES.**

New page dated October 1, 1908.

Peters Rim Fire Cartridges, except 22 short, long, long rifle, semi-smokeless, and 22 long and long rifle, smokeless, and 22 short, smokeless ..... discount 40 per cent.
Peters Center Fire Rifle and pistol Cartridges ..... discount 20 per cent.
Peters Rim Fire Cartridges, 22 short, long, long, smokeless, and 22 long, long rifle, smokeless .... discount 40-4-25 per cent.
Peters Rim Fire Cartridges, 22 short, smokeless ..discount 40-19-25 per cent.
Peters Milltary and Sporting Cartridges ..... discount 5 per cent.

1955 **METALLIC CATRIDGES.**

New page dated March 1, 1909.

EQUIPPED WITH HOXIE BULLETS.

22 cal. rimfire Winchester Auto....per M $23 75

SMOKELESS CENTER FIRE.

Caliber.	Per 1,000
25-20—Marlin or Winchester	$33 30
30—Luger	41 25
32-20	33 30
38—S. & W. Special	29 25
38-40—Winchester and Marlin	38 05
44-40— "	38 05

MILITARY AND SPORTING.

Caliber.	Per 1,000
25-35—Winchester and Savage	$52 35
25-36—Marlin	52 35
30-30—Winchester, Marlin and Savage	60 15
30-30—Remington Auto Loading	60 15
303—Savage	60 15
30-40—U. S. Army	79 20
32—Winchester Special	60 15
32-40	60 15
35—Remington Auto Loading	74 00
38-55—High Velocity	81 00
40-82—Winchester	68 20
45-70—405 Grain Bullet	74 00
45-90—Winchester	68 20

PETERS' SHOT.

Rimfire	discount	50 per cent.
Center fire	"	25 per cent.

PETERS' BLANK.

Caliber.	Per 1,000
22—Short rimfire	$ 1 35
32— " "	2 50
32—S. & W. Center	4 95
38— " "	5 20
45-70—Government	26 80
Peters' 10 Gauge Blank Shells	per 100 $1 90

PETERS' BULLET BREECH CAPS.

"BB" Black or Smokeless Powder ..... discount 10 per cent.
"CB" Black or Smokeless Powder ..... " 5 per cent.

Page

PETERS' PRIMED SHELLS.

Discount ..... 10 per cent.

PETERS' BULLETS.

Discount ..... 10 per cent.

1956 **PETERS' LEAGUE LOADED SHELLS.**

New page dated March 1, 1909.
Entire page ..... discount 30 per cent.

1957 **PETERS' REFEREE LOADED SHELLS.**

New page dated March 1, 1909.
Entire page ..... discount 35 per cent.

1958 **PETERS' TARGET LOADED SHELLS.**

New page dated March 1, 1909.
Entire page ..... discount 35-5 per cent.

1959 **PETERS' LOADED SHELLS.**

New page dated March 1, 1909.
"High Gun" ..... discount 35-5 per cent.
"Premier" ..... " 45 per cent.

1960 **PETERS' "IDEAL" LOADED SHELLS.**

New page dated March 1, 1909.
Discount ..... 45 per cent.

PETERS' PRIMERS.

All Nos.—250 in a box.....discount 20 per cent.
All Nos.—100 in a box.... " 15 per cent.

GUN CAPS.

Trimmed edge, Nos. 10, 11, 12	per M	$0 45
Eley Bros.' "E.B.," No. 11	"	60
Musket	"	65

1961 **SHELLS AND WADS.**

New page dated March 1, 1909.

EMPTY PAPER SHOT SHELLS.

Peter's "League," 10 or 12 gauge ..... discount 20 per cent.
Peter's "League," 16 or 20 gauge ..... " 15 per cent.
Peter's "Target," all sizes.. " 15 per cent.
Peter's "High Gun," 12 gauge ..... " 15 per cent.
Peter's "Ideal," all sizes... " 20 per cent.
Peter's "Premier," 12 or 16 gauge ..... " 20 per cent.
Pin fire, 16 gauge ..... per M $7 60

BRASS SHOT SHELLS.

"Club" and "Rival," 10 or 12 gauge..... discount 60 per cent.
"Best Quality," all sizes .. " 55 per cent.
For nickel plating either grade, extra. per c $2 20

PETERS' GUN WADS.

Discount ..... 15 per cent.

1963 **KING'S QUICK SHOT POWDER.**

New page dated March 1, 1909.

Kegs	each	$5 75
Half Kegs	"	3 20
Quarter kegs	"	1 75
Pound cans	"	27
Half-pound cans	"	16

KING'S SEMI-SMOKELESS POWDER.
F. O. B. Chicago and King's Mills.

Kegs	each	$6 45
Half kegs	"	3 45
Quarter kegs	"	1 90
Pound cans	"	35

KING'S BLASTING POWDER.
F. O. B. St. Louis or King's Mills Only.

Kegs ..... per keg $1 55

KING'S CANNON POWDER.

Kegs ..... per keg $3 05

1964 **SMOKELESS POWDER.**

New page dated March 1, 1909.

Laflin & Rand's Shot Gun Powder.

1 lb. canisters, 25 in a box	each	$0 60
10 lb. drums, 5 in a box	"	5 35
25 lb. drums, not boxed	"	13 00
50 lb. drums, not boxed	"	25 85

Dupont's Shot Gun Powder.

1 lb canisters, bulk	each	$0 60
6¼ lb. quarter kegs, bulk	"	3 45
12½ lb. half kegs, bulk	"	6 70
25 lb. kegs, bulk	"	13 00
50 lb. drums, bulk	"	25 85

Dupont's Rifle Powder.

1 lb canisters, bulk	each	$1 05
1 lb canisters, bulk, for 30 caliber, cartridges, each		1 30
Quarter kegs, 6¼ lbs., bulk	each	Erase

E. C. AND SCHULTZE POWDER.

1 lb cans	each	$0.60
10 lb drums	"	5 35
50 lb. drums	"	25 85

MINERS' SQUIBS.

Nos. 1 and 2 ..... per M. $1 00

MINERS' SQUIB BOXES.

No. 10 ..... per dozen $0 70

(Continued on Next Page.)

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

SAFETY FUSE.

Star, cotton ..... per 1,000 ft. $2 30
Star, single tape ..... " " 3 55
Climax, cotton ..... " " 3 50
Climax, single tape ..... " " 3 95
Climax, double tape ..... " " 4 85
Climax, triple tape ..... " " 5 60
Ensign, cotton ..... " " 3 50
Ensign, single tape ..... " " 4 00
Ensign, double tape ..... " " 4 90
Ensign, triple tape ..... " " 5 65
Ensign, Anchor Brand ..... " " 4 65
Ensign, gutta percha ..... " " 5 50

FUSE CUTTERS.

No. 5 ..... per dozen $3 30

1965 **AETNA DYNAMITE.**

New page dated March 1, 1909.
When in the market write for prices.

AETNA AMMONIA POWDER.

Nos. 26CA 2A 1A
Per pound ..... Erase $0 13½ 17

DUPONT'S DYNAMITE.

When in the market write for prices.

BLASTING CAPS.

Gold Medal ..... per M $6 90
Triple Strength ..... " 5 75

1966 **BLASTING MACHINES.**

New page dated March 1, 1909.
Nos. 1 3 4 5
Each $11 00 16 50 33 00 49 50

LEADING WIRE.

No. 16 ..... per thousand ft. $9 35

CONNECTING WIRE.

No. 22 ..... per pound $0 35

ELECTRIC BLASTING FUSES.

Feet 4 6 8 10 12
Per 100 ..... $2 80 3 30 3 85 4 35 4 85

1967 **SHOT.**

New page dated March 1, 1905.
Market price.

BAR LEAD.

Market price.

SHOT CASES.

No. 20 ..... each $4 65

1968 **CLEANING RODS.**

New page dated March 1, 1905.
Nos. 144B 146S 146J 146JS 147 148
Per dozen ... $2 30 30 25 30 20 40
Nos. 156 157 171 172 158
Per dozen $1 60 1 70 9 10 4 80 2 85
Nos. ... 145A 145B 82 141A 141B,C,D,E&F
Per doz. $2 35 2 45 55 3 75 erase
Nos. 246B 250 246 275
Per dozen $1 50 4 35 1 05 6 60

1969 **LOADING SETS.**

New page dated Oct. 1, 1905.
Nos. 96½, 096½, 696½ and 2096½
per dozen sets $3 25
Nos. 97½, 097½, 697½ and 2897½
per dozen sets 8 20

LOADING AND CLEANING SETS.

Nos. .. 97 097 961,0961&6961 961½ 696½
Dz. sets $7 60 erase 11 35 erase erase

1970 **WOOD GUN RODS.**

New page dated Oct. 1, 1905.
Nos. 80 83 84
Per dozen $0 80 1 00

CLEANING RODS AND IMPLEMENTS.

Nos. 95 101 165 107
Per dozen ..... $2 45 5 95 8 80 erase
Nos. 212 202 222 232 248
Per dozen $0 60 65 75 36 2 55
Nos. ..... 248B 253 265 512&516 518
Per dozen ..... $5 85 erase erase 4 95 90
Nos. 1 2 3
Per dozen ..... erase erase erase
No. 13, Extra Pads ..... per dozen sets erase

PISTOL BRUSHES.

Nos. 400 502 503 508
Per dozen ..... Erase $0 25 25 25

1971 **LOADERS.**

New page dated March 1, 1905.
Nos. ..... 48 1148-10-12-16-20 ga. 147 1248
Per dozen ..... $0 55 1 00 erase erase

POWDER AND SHOT MEASURES.

Nos. 2 21
Per dozen ..... $1 35 erase

BROKEN SHELL EXTRACTORS.

No. 25 ..... per dozen $6 30

SHELL EXTRACTORS.

Nos. ..... 1172—10 & 12 ga. 1172—16 ga. 1178
Per dozen $1 10 1 10 1 75
No. X ..... per dozen $0 45

RE-CAPPERS.

Nos. ....180—10 & 12 ga. 180—16 & 20 ga. 20
Per dozen 75 75 erase
Extra Guide Brushes ..... Erase
No. 1186 ..... Erase

Page

1972 **SHELL CRIMPERS.**

New page dated March 1, 1905.
No. 0—12 and 16 ga. ..... per dozen $3 95
No. 10—12 and 20 ga. ..... " 4 40
No. 1—All gauges ..... Erase
Nos. 1103—10, 12 and 16 ga. ..... erase
Nos. 103 3 12 14
Per dozen ..... Erase erase erase erase
Erase 10 and 20 ga. in No. 0.
Erase 10 ga. and add 20 ga. in No. 10.
Change description of No. 1103 Crimpers to read bronzed instead of maroon japanned.

1973 **SHOOTERS' SUNDRIES.**

New page dated October 1, 1908.
Nos. 20 50 050 1650
Per dozen ..... erase erase 17 60 erase
Rammers and Starters, for Nos. 50, 050 and 1650, extra ..... per dozen $0 90
No. 4 ..... each erase
Extra Fittings ..... " erase
Dickey Bird ..... per M. erase
Blue Rock ..... " 4 95
Blue Rock, Extension Spring ..... each 4 40
Blue Rock, Expert ..... " 6 30
Nos. 19¼ 19 22 11x6 11x8 10
Each $1 35 1 90 3 30 1 65 2 20 1 10

1974 **CALLS AND DECOYS.**

New page dated October 1, 1908.
Nos. 773 760 768 769 770 750
Per doz. $2 10 2 70 4 20 7 20 10 20 7 20
Nos. . 1 2 3 A1 7 6 4 5
Dz. $4 90 4 20 3 40 6 10 6 60 3 90 erase erase
Nos. ... 8 Brass Faucets Extra 1 2 15
Per doz. $12 50 1 90 5 20 6 60 82

1977 **GRASS SUITS AND BLINDS.**

New page dated March 1, 1907.
Grass Hunting Suits ..... per dozen $11 90
each 1 05
Grass Shore and Boat Blinds .. per dozen 14 10
each 1 55

HUNTING AND OUTDOOR LAMPS.

No. 357 ..... each erase
Extra Head Attachments ..... " erase
No. 90 ..... " 4 40
Nos. 1 0 2
Per dozen $26 40 10 70 19 80
Burners for No. 1 ..... per dozen $9 90
Burners for No. 2 ..... " 8 80
Burners for No. 0 ..... " 9 70

1978 **RIFLE COVERS.**

New page dated March 1, 1907.
Nos. 420 433 435 438 450
Per dozen $10 55 10 55 10 55 10 55 30 00
Nos. 452 453 440 444 446
Per dozen $30 00 30 00 12 35 12 35 12 35
Change No. 400 Rifle Cases to read No. 433.

1978A **GUN COVERS.**

New page dated March 1, 1907.
Nos. 45BA 45R 360 500
Per dozen $10 55 10 55 12 35 21 10
Nos. 573 586 576
Per dozen $22 80 24 65 25 50

1978B **CANVAS RIFLE COVERS.**

New page dated March 1, 1907.
75W, 75M
Nos. ..... & 75S 80 104 106
Per dozen $4 20 4 20 4 20 4 20
Nos. 94 96 100 105
Per dozen $5 20 5 20 5 20 5 20
Nos. 110 115 200 225
Per dozen $5 20 5 20 5 30 5 30
Nos. 320 300 310 305
Per dozen $9 40 9 40 9 40 9 40
Nos. 330 335 336 338
Per dozen $9 40 9 40 9 40 9 40

1979 **RIFLE CASES.**

New page dated March 1, 1907.
Nos. 350 352 353 240 340
Per dozen $21 10 21 10 21 10 7 85 7 85
Nos. 340W 340M 340A 340S 345
Per dozen $7 85 7 85 7 85 7 85 22 88
Nos. 345W 345M 345A 345S 10 10R
Doz.. $23 60 22 88 22 88 22 88 4 25 4 25
Nos. 15 15R 30 35 35BA 35R
Per dozen $5 50 5 50 8 00 10 75 10 75 10 75

RIFLE AND CARBINE SHEATHS.

Nos. 400 373 386 376
Per dozen $15 80 16 00 16 00 21 00

1980 **GUN CASES.**

New page dated March 1, 1907.
Nos. 265 265W 275 120 130
Per dozen $4 80 4 80 8 35 4 85 5 05
Nos. .. 135 235 280B 46 015 R015
Doz. $5 90 6 35 12 90 14 25 34 00 erase

1981 **GUN CASES.**

New page dated March 1, 1907.
Nos. 63 60 62 62T R62
Per dozen $19 00 28 45 37 80 36 75 33 25
Nos. ..... R61 OF 62B 64B 70
Per dozen $41 60 28 45 33 25 47 55 47 20

Page

1982 **PISTOL HOLSTERS.**

New page dated March 1, 1907.
Nos. 732 752 738 748 758 768
Per dozen $2 10 2 35 2 15 2 15 2 35 2 50
Nos. 741 761 744¾ 744 832 852
Per dozen $3 25 3 00 3 00 3 90 2 75 3 00
Nos. 838 848 858 868 841 861
Per dozen $2 00 2 60 3 20 3 40 3 50 3 90
Nos. 844¾ 844 805 806 807 808 1232to1245
Doz. $4 00 4 50 3 40 3 40 3 40 3 40 7 00
Nos. ... 944 944½ 944¾ 1038 1041 1044
Per dozen $7 40 8 80 8 45 7 40 9 00 9 98
Nos. ... 1045 1932 1938 1932½ 1938½ 1944½
Per dz. $10 30 2 15 2 50 3 00 3 35 3 90
Nos. 1132 1138 1138S 1138C 1134 1135 1136
Dz. $3 40 3 40 4 20 4 20 4 00 3 60 3 40

1983 **BELTS.**

New page dated March 1, 1907.
Nos. ..... 400 402 1332 to 1345 432 to 445
Per dozen ..$2 50 2 60 4 20 6 60
Nos. 530 630to645 201 100 200
Per dozen ..$8 80 13 45 8 15 6 95 10 55

CARBINE SLING STRAPS.

Nos. 1 2
Per dozen $13 85 21 10

SHELL BELTS.

Nos. 510to516 310 312 410to416
Per dozen $1 80 5 40 5 40 6 75
Anson's Mill—All numbers ..... per dozen $13 20
Hunter's—All numbers ..... " 9 90

1984 **SHELL BOXES.**

New page dated March 1, 1907.
No. 1 ..... per dozen Erase
No. 375 ..... " $39 60

SHELL BAGS.

Nos. 101 102 110 120
Per dozen $3 60 3 70 4 10 4 45
Nos. 130 200 300 140
Per dozen $4 75 9 55 10 25 21 60

SHELL CASES.

Nos. 9075 9100 9150
Per dozen $33 10 36 15 48 35
Change numbers on 175, 200 and 250 Shell Cases to read 9075, 9100 and 9150.

TRAP SHOOTERS' SHELL BAGS.

No. 19 ..... erase
No. 17 ..... erase

GAME CARRIERS.

No. 0—Barnum's ..... per dozen $1 10
No. 1—Rudolph's ..... erase

1985 **HUNTING BOOTS.**

New page dated March 1, 1907.
Nos. 30 31 32
Per pair ..... Erase Erase Erase
Nos. 2 8 18 23 12 22
Per pair $6 20 6 20 6 90 9 40 11 00 13 20

1986 **HUNTING COATS.**

New page dated March 1, 1907.
Nos. 30 52 62 74
Per dozen $27 60 29 20 30 50 33 15
Nos. 75 76 35 31
Per dozen $47 50 38 75 50 00 123 60

1987 **HUNTING COATS.**

New page dated March 1, 1907.
Nos. 10 10S 15 20 18 21
Doz. $9 85 9 85 13 80 14 77 15 15 20 75
Nos. 23 26 133 127 128
Per dozen $21 60 21 60 37 00 36 00 erase

1988 **SHELL VESTS.**

New page dated March 1, 1907.
No. 38 ..... per dozen $8 50
No. 40 ..... " 20 70

HATS AND CAPS.

Nos. 19 31 33 34 12
Per dozen $4 80 5 50 6 05 4 95 5 10
No. 90—Hunting Jackets ..... per dozen $66 25

HUNTERS' TROUSERS.

No. 010T ..... per dozen pairs $14 00
No. 12T ..... " " 23 15

CARRY-ALL BAGS.

No. 12 ..... per dozen 17 40
No. 11 ..... " 49 90

ARCTIC SOCKS.

No. 10 ..... per dozen pairs $2 25

1989 **MEN'S LEGGINGS.**

New page dated March 1, 1907.
Nos. 12L 15S 18B 18L 05C
Per dozen pairs $4 60 4 95 5 20 6 30 5 30
Nos. 18C 18A 12S 11S 8S
Per dozen pairs $6 25 5 65 7 55 7 75 17 55

1990 **TOWER'S OILED CLOTHING.**

New page dated March 1, 1907.

YELLOW OILED JACKETS.

Drill ..... per dozen $8 80
Cape Ann ..... " 9 70
Shield Brand ..... " 11 00
Fish Brand ..... " 12 75

BLACK OILED JACKETS.

Cape Ann ..... per dozen $10 05
Shield Brand ..... " 11 45
Fish Brand ..... " 13 20

(Continued on Next Page.)

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

YELLOW PLAIN SLICKERS.

Drill	per dozen	$16 70
Cape Ann	"	18 50
Shield Brand	"	22 00
Fish Brand	"	26 40

BLACK PLAIN SLICKERS.

Cape Ann	per dozen	$19 60
Shield Brand	"	23 10
Fish Brand	"	27 50

YELLOW OILED FROCKS.

Shield Brand	per dozen	$15 85
Fish Brand	"	18 50

BLACK OILED FROCKS.

Shield Brand	per dozen	$16 70
Fish Brand	"	19 60

YELLOW OILED MEDIUM LONG COATS.

Shield Brand	per dozen	$18 50
Fish Brand	"	21 10

BLACK OILED MEDIUM LONG COATS.

Shield Brand	per dozen	$19 60
Fish Brand	"	22 20

POMMEL SLICKERS.

Yellow	per dozen	$30 80
Black	"	31 90

1990A O. V. B. OILED CLOTHING.

New page dated March 1, 1909.

Plain Slickers—Yellow	per dozen	$26 85
Plain Slickers—Black	"	27 50

DOUBLE APRON PANTS.

Yellow	per dozen	$12 75
Black	"	13 20

POMMEL SLICKERS.

Yellow	per dozen	$30 80
Black	"	31 90

DOUBLE JACKETS.

Yellow	per dozen	$12 75
Black	"	13 20

FROCKS.

Yellow	per dozen	$18 50
Black	"	19 60

DOUBLE STRING PANTS.

Yellow	per dozen	$12 30
Black	"	12 75

1990B "HIB-SPE-BAR" OILED CLOTHING.

New page dated March 1, 1909.

DOUBLE JACKETS.

Yellow	per dozen	$11 00
Black	"	11 45

DOUBLE APRON PANTS.

Yellow	per dozen	$11 00
Black	"	11 45

PLAIN SLICKERS.

Yellow	per dozen	$22 00
Black	"	23 10

FROCKS.

Yellow	per dozen	$15 85
Black	"	16 75

DOUBLE STRING PANTS.

Yellow	per dozen	$10 55
Black	"	11 00

H. S. B. & CO.'S CAPE ANN OILED CLOTHING.

PLAIN SLICKERS.

Yellow	per dozen	$18 50
Black	"	19 60

DOUBLE JACKETS.

Yellow	per dozen	$9 70
Black	"	10 10

APRON PANTS.

Yellow	per dozen	$ 9 70
Black	"	10 10

HATS.

	Yellow.	Black.
Sou'wester		
Per dozen	$2 85	2 85
Miners—Black	per dozen	$3 30
Cape Ann	Yellow.	Black.
Per dozen	$4 85	4 85

1991 TOWER'S OILED OVERALLS.

New page dated March 1, 1910.
F. O. B. Chicago.

Yellow.

Drill	per dozen	$ 9 10
Cape Ann	"	10 65
Shield Brand	"	12 00
Fish Brand	"	13 90

Black.

Cape Ann	per dozen	$10 95
Shield Brand	"	12 50
Fish Brand	"	14 40

TOWER'S OILED STRING PANTS.

Yellow.

Drill	per dozen	$ 8 65
Cape Ann	"	10 10
Shield Brand	"	11 50
Fish Brand	"	13 45

Page

Black.

Cape Ann	per dozen	$10 50
Shield Brand	"	12 00
Fish Brand	"	13 90

TOWER'S OILED HATS.

Squam	per dozen	$3 10
Miners'	"	3 60
Fish Brand	"	4 80
Cape Ann	"	5 30

1992 MEN'S RAIN COATS AND CRAVENETTES.

F. O. B. Chicago.

New page dated March 1, 1910.
Entire page ..... discount 40 per cent

1992A TRAVELING BAGS.

New page dated March 1, 1910.

CLUB.

No. 334—Length, in...	12	14	16	18
Each	$0 70	85	1 00	1 15
No. 387, in.			16	18
Each			$2 10	2 50
No. 355				
Each			2 75	3 25
No. 390				
Each		5 40	6 30	7 10
No. 388				
Each		3 95	4 45	4 80
No. 394				
Each			8 70	9 30
No. 395				
Each			9 00	9 60
No. 359				
Each			$10 80	12 00

OXFORD.

No. 98—Length, in.	16	17	18
Each	$5 00	6 15	6 35
No. 377			
Each	8 65		9 00
No. 380			
Each	9 00		11 30
No. 396			
Each	9 00		9 75
No. 400			
Each		18 00	18 65

1992B TRUNKS.

New page dated March 1, 1910.

Length, in.	26	28	30	32	34	36
No. 500...each	$1 95	2 20	2 45	2 70	2 95	3 15
Length, in...	28	30	32	34	36	
No. 1544...each	$3 30	3 60	3 90	4 20	4 50	
Length, in.	28	30	32	34		
No. 2700 ...each	$3 30	3 60	3 90	4 20		
Length, in.	36	38	40			
No. 2700 ...each	$4 50	4 80	5 10			
Length, in.	28	30	32	34	36	38
No. 2711..each	$4 50	4 80	5 10	5 40	5 70	6 00
Length, in.	32	34	36	38	40	
No. 5766 ..each	$8 05	8 40	8 75	9 10	9 50	
Length, in.	32	34	36	38	40	
No. 3744..ea.	$9 00	11 90	9 70	10 10	10 45	
Length, in.	32	34	36	38	40	
No. 368...each	$14 90	15 40	16 00	16 60	17 20	
Length, in.	32	34	36	38	40	
No. 2866 ...each	$6 90	7 20	7 50	7 80		
Length, in.	32	34	36	38	40	
No. 3144—Ea.	$14 80	15 25	16 00	16 40	17 15	

1993 DRESS SUIT CASES.

New page dated March 1, 1910.

No. S10—24 in.				each $2 30
No. 95—Length, in.	22	24	26	
Each	$1 20	1 35	1 35	
No. 12—24 in.				each $1 60
No. 29—Length, in.	22	24	26	
Each	$2 10	2 40	2 75	
No. 20—Length, in.		24	26	
Each		$5 10	5 40	
No. 20½—Length, in.		24	26	
Each		$5 40	5 70	
No. 23—Length, 24 in.				each $4 70
No. 26—Length, 24 in.				" 3 60
No. 108—Length, in.		24	26	
Each		$7 80	8 40	

1994 DRESS SUITS, SCHOOL BOOK, TELESCOPE CASES, ETC.

New page dated March 1, 1910.

Dress Suit Cases.

No. 54—Length, in.	24	26
Each	$8 00	8 70
No. 103		each $3 90
No. 40—Length, in.	24	26
Each	$7 50	7 60
No. 45—Length, in.	24	26
Each	$11 70	12 00
No. 50—Length, in.	24	26
Each	$12 00	12 60

School Book Cases.

No. 90—Length, in.	14	16	18
Each	$1 55	1 70	1 80

Telescope Cases.

No. 501—Length, in.	14	16	18	20
Per dozen	$3 60	4 50	5 70	6 05
No. 501—Length, in.	22	24		26
Per dozen	$7 80	9 00		10 00
No. 501		per nest		$4 20

Bag Tags.

Nos.	15	1
Per dozen	$0 90	1 50

Shawl Straps.

Nos.	46	35	36
Per dozen	$2 10	3 00	4 80

Page

1994A DOG COLLARS ON CARDS.

New page dated March 1, 1907.

Nos.	H	J	G	F
Per assortment	$1 20	1 45	2 40	3 10

1994B DOG COLLARS ON CARDS.

New page dated March 1, 1907.

Nos.	102½	S2321	101	104
Per assortment	$2 55	2 40	1 70	5 20

1995 DOG COLLARS ON CARDS.

New page dated March 1, 1907.
No. 102 ..... per assortment $3 40

DOG COLLARS.

Nos.	460	1460	65	465	1465	1
Per dozen	$2 10	2 95	2 10	3 40	4 20	90
Nos.	2	4	5	7	8	04
Per dozen	$1 00	1 10	1 55	2 10	3 10	1 70
Nos.	05	07	012	013	52	53	55
Dz.	$2 20	3 05	2 85	3 20	4 35	4 90	6 50

Change description of Nos. 460 and 465 Collars to read unlined.

Description of No. 465 is not correct.

No. 65 is a metal collar with no leather backing or lining.

No. 465 is the same collar with a leather backing.

No. 1465 is the same collar with leather backing and chamois lining.

1996 DOG COLLARS.

New page dated March 1, 1907.

Nos.	476	477	250	290	1526	1578
Per doz.	erase	erase	14 70	24 20	7 70	5 00
Nos.	1495	1680	1681	1496	1497	1498
Per dozen	$1 20	5 50	6 95	5 50	6 95	8 25
Nos.	1620	1752	1753	485	485B	
Per dozen	$9 20	7 35	9 36	11 55	11 55	

1997 DOG COLLARS.

New page dated March 1, 1907.

Nos.	7470	7472	3198	1885	1886	1887
Dozen	$10 45	20 90	10 85	6 75	7 30	7 80

1998 DOG COLLARS.

New page dated March 1, 1907.

Nos.	5121	5131	5151	5161	S2614	2626	S2321
Per doz.	$1 90	2 60	3 30	5 50	3 55	4 95	2 35
Nos.	S2422½	S2325¾	S2335¾	S2355¾	S2825¾		
Per dz.	$2 90	2 75	3 00	3 90	3 30		
Nos.	S2835¾	S2855¾	S2434	S2454			
Per dozen	$3 80	4 95	3 55	4 60			
No. 1142	per dozen			$5 80			
No. 1051	"			8 25			

DOG HARNESS.

Nos.	71	2238	2240	2242	2200
Per dozen	$13 80	8 90	11 90	13 20	26 40

DOG SHOES.

No. 3 ..... per set $3 30

1998A KENNEL CHAINS AND LEADS.

New page dated March 1, 1907.

Nos.	15	5	02	12	2409	2400	2403
Per doz.	$2 00	1 45	1 35	3 85	2 75	1 90	3 00

DOG COUPLINGS.

No. 2	per dozen	$1 35
No. 3	"	1 25

1998B DOG COLLARS.

New page dated March 1, 1907.

Nos.	S5225¾	S5235¾	S5255¾	5822
Per dozen	$2 90	3 30	4 40	3 45
Nos.	5832	5852	5823¾	65426
Per dozen	$4 10	5 30	3 95	3 95
Nos.	5423	9742⅜	3797¼	3789⅝
Per dozen	$3 95	16 95	16 50	16 95

1999 DOG LEADERS.

New page dated March 1, 1907.

Nos.	7	8	11	03
Per dozen	$1 25	1 50	2 80	80

DOG MUZZLES.

Nos.	10	1	1½	2	2¼
Per dozen	$1 20	1 35	1 65	1 25	1 15
Nos.		2½	4	5	6
Per dozen		$1 90	1 70	2 45	1 90

2000 WHISTLES.

New page dated March 1, 1907.

Nos.	0	2	4	5	22	24	72
Doz.	$0 55	1 75	1 90	1 65	95	1 50	1 45
Nos.				16	15	101	
Per dozen				$1 80	erase	2 75	
Nos.				11	12	13	73
Per dozen				$1 85	1 65	1 80	3 30

DOG WHIPS.

Nos	16	8	11
Per dozen	$3 00	3 10	4 00

DOG COLLAR BELLS.

Nos.	102	105	110	117	118
Per dozen	$0 55	1 00	90	1 30	erase

Because a few articles figure a certain per cent. above the market prices, it should not be inferred that this is true in all cases.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

2001 DOG COLLAR PADLOCKS, DOG REMEDIES, ETC.

New page dated March 1, 1910.

Dog Collar Padlocks.

Nos.	2G	27G	28G	30G
Per dozen	$1 50	2 10	1 85	1 80
No. 11G	per card			$1 50
No. 12G	"			1 70
No. 113G	"			55
No. 4014 G	"			1 75
No. 1540G	per assortment			1 20
No. G08	"	"		1 20

Dent's Dog Remedies.

Discount ..... 40 per cent

Spratt's Dog Bread.

Dog, in bulk ..... per pound $0 07
Dog, in 50 lb. boxes ..... " 07½
Dog, in 50 cent cartons ..... per carton 42
Puppy, in 10 cent cartons ..... " 08

2002 WAGON COVERS, PAULINS AND DUCK.

New page dated March 1, 1910.

F. O. B. Chicago or St Louis.

O. V. B. grade ..... discount 25-5 per cent
Ajax grade ..... " 30-10 "
Standard grade ..... " 40-5 "

Wide Cotton Duck.

Discount ..... 20 per cent

2003 TENTS AND SHEETS.

New page dated March 1, 1910.

F. O. B. Chicago or St. Louis.

O. V. B. ..... discount 32-2½ per cent
Ajax ..... " 40-4 "
Standard ..... " 40-5-5 "

Wedge F. O. B. St. Louis.

O. V. B. ..... discount 30 per cent
Ajax ..... " 40 "
Standard ..... " 40-5 "

Polcless Wall.

O. V. B. ..... discount 30 per cent
Ajax ..... " 30-2½ "
Standard ..... " 30-2½ "

Lambing.

F. O. B. St. Louis, Mo.

O. V. B. ..... discount 25-5 per cent
Ajax ..... " 40 "
Standard ..... " 40-5 "
For factory shipment only.

Stockmen's Bed Sheets.

F. O. B. Chicago or St. Louis.

O. V. B. ..... discount 25 per cent
Ajax ..... " 40 "
Standard ..... " 40-5 "

2004 TENTS.

New page dated March 1, 1910.

Western Range.

F. O. B. St. Louis Only.

O. V. B. ..... discount 30-5 per cent
Ajax ..... " 40-10 "
Standard ..... " 40-10-5 "

Standard Folding Tent Cots.

No. 10 ..... each $7 20

Palmetto.

No. 28D ..... each $3 95
No. 28S ..... " 5 90
Nos. 30D to 29S ..... discount 30 per cent

2005 HUNTERS' SUNDRIES.

New page dated March 1, 1910.

Marble's Safety Pocket Axes.

Nos.	5	6	1	2	2½
Per dozen.	$14 40	14 00	24 00	24 00	24 40

Hunters' Axes.

Nos.	119	120	118
Per dozen	$5 40	13 80	6 60

Compasses.

Nos.	5	6	7	9
Per dozen	$1 50	2 30	5 40	8 40
Nos.	2	4	8	10
Per dozen	$2 65	3 00	8 70	11 40
Nos.	11	15	21	12	17
Per dozen	$13 20	28 80	12 00	21 60	12 60

Match Safes.

No. G2 ..... per dozen $4 30

2006 CAMP STOVES.

New page dated March 1, 1910.

Nos.	125G	50G	120G
Each	$1 90	3 60	7 20
Nos.	220G	320G	420G
Each	$9 60	9 60	12 00

The printed prices are sufficiently accurate to enable you to make sales.

Page

2007 STEEL TRAPS.

New page dated December 1, 1908.

STEEL GAME.

Nos.	0	1	1½	2	3	4
Discount	60-10 per cent					

NEWHOUSE.

Nos.	0	1	1½	2	2½
Per dozen	$2 20	2 65	3 90	5 50	8 65
Nos.	3	4	5	6	
Per dozen	$7 30	8 65	62 70	146 30	

HAWLEY & NORTON.

Nos.	0	1	1½	2	3	4
Discount	50-10 per cent					
No. 5—Newhouse Clamps	per dozen $3 15					
No. 6—Newhouse Clamps	" 5 20					

2008 POLICE GOODS.

New page dated March 1, 1907.

HAND CUFFS

Nos.	30	30S	40	40S	41
Per pair	$3 30	3 30	3 90	3 90	3 00
Nos.	45		27		28
Per pair	$3 90		3 15		3 85
Extra Keys	each $0 30				

TWISTERS AND NIPPERS.

Nos.	24	20	21
Per dozen	$8 65	3 30	each 1 75

LEG IRONS

Nos.	53	63	50	60
Per pair	$4 75	5 50	4 95	5 85
Extra keys	each $0 30			

2009 POLICE GOODS

Clubs.

Nos.	18	22	10	12	14
New list....each			$2 50	2 75	3 00
Each	$0 95	1 20	1 90	2 20	2 40

PARALYZERS.

Please erase from catalogue.

BILLIES.

Please erase from catalogue.

BUTTONS.

Nos.	P&CP Coat	P&CP Vest
Per dozen	$0 65	55

HELMETS AND CAPS.

Nos.	10	20	30
Each	$3 85	2 45	3 00

STARS.

Nos.	20	30	15
Each	$0 90	1 00	1 65

2010 GUN MATERIAL

GUN LOCKS.

Nos.	250	252
Per dozen	erase	erase
Nos.	254	135	235
Per dozen pairs	erase	erase	erase

MAIN SPRINGS.

Nos. 130 to 136 ..... per dozen $2 45

SIDE AND CROSS PINS.

Nos. 184 and 186—list $0 50....per dozen $0 30

TRIGGERS.

Nos. 26 and 27 ..... per dozen $0 55

PINS, SCREWS AND SWIVELS.

Nos. 190 and 192 ..... per dozen $0 13
No. 194 ..... " 66

TRIGGER GUARDS.

No. 390 ..... per dozen $2 45
No. 392 ..... " 3 65

2011 GUN HAMMERS.

Nos.	208&210	214	215	220	222	221&225
Per dz.	$3 75	Erase	3 15	5 00	5 00	3 75

GUN AND MUSKET TUBES.

Nos.	20	22	23	24
Per gross	$3 50	5 00	7 50	8 15
Nos.	21	30	28	29
Per gross	$10 80	10 00	7 50	erase

MISCELLANEOUS GUN MATERIAL.

Nos.	200	202	203	204	205	206
Per dozen	$0 90	25	65	1 50	75	erase
Nos.	207	208	210	214	212	213
Per dozen	$1 70	60	erase	erase	erase	erase

Change list on No. 204 Plungers to $2 00.
Change list on No. 207 Plungers to $3 00.
Change list on No. 21 Gun Tubes to $13 50.

2012 GUN MATERIAL.

SEARS.

Nos. 130 to 136 ..... per dozen $1 25

SEAR SPRINGS.

Nos. 138 and 140 ..... erase

TUMBLERS.

Nos. 176 to 182, Breech Loading ..... erase
Nos. 168 and 172, Muzzle Loading ..... erase

FLOBERT TRIGGERS AND SPRINGS.

No. 450 ..... per dozen $1 25
No. 475 ..... " 1 00

Page

FLOBERT BREECH BLOCKS.

Nos.	610	710	712	714
Per dozen	$3 00	4 90	Erase	Erase

FLOBERT HAMMERS.

No. 603 ..... per dozen $3 75
No. 604 ..... Erase

FLOBERT EXTRACTORS.

Nos.	400	605	612
Per dozen	$0 90	erase	erase

FLOBERT MAIN SPRINGS.

No. 425 ..... per dozen $2 15

FLOBERT SIGHTS AND SWIVELS.

Nos.	915	920	930	940	970	972
Per dozen	$0 65	90	erase	erase	erase	45

2013 GUN MATERIAL.

FORE-END IRONS.

No. 41 ..... per dozen $5 65

SIDE SNAP LEVERS.

No. 47½ ..... erase

TOP LEVERS.

No. 49 ..... erase

SIDE LEVER SPRINGS.

No. 48 ..... per dozen $3 25
No. 48½ ..... erase

TOP LEVER SPRINGS.

No. 50 ..... per dozen $3 15

EXTRACTORS.

No. 51 ..... per dozen $2 50

TURNED GUN STOCKS.

Nos.	E	EE	EEE	D	DD	DDD
Per doz.	$12 50	17 50	Erase	Erase	Erase	Erase

Erase No. 0 Gun Stocks from catalogue.

BUTT PLATES.

No. 100 ..... per dozen $3 40

WORMERS.

Please erase from catalogue.

2014 WAD CUTTERS.

8 and 9 gauge ..... per dozen $1 80
10 to 20 gauge ..... " 1 50

MAIN SPRING VISES.

Please erase from catalogue.

HAND PROTECTORS.

Nos.	112	112½	112D
Per dozen	$7 50	12 50	16 55

Change list on No. 112½ to read $18 00.

CHEEK PADS.

Nos.	97	98	93
Per dozen	$6 60	erase	14 40

RECOIL PADS.

Nos.	88-2to88-4	90-2to90-4	91
Per dozen	$3 60	8 80	erase
Nos.	92	95	96
Per dozen	Erase	32 40	5 40

2015 GUN OIL.

New page dated March 1, 1905.

Capacity	1 oz.	2 oz.	4 oz.	1 qt.	1 qt.	1 gal.
Per dz.	$0 50	70	95	2 00	3 15	Each 0 85

SEWING MACHINE OIL.

Size	1 oz.	8 oz.	4 oz.	1 pt.	1 gal.
Per dozen	$0 40	50	75	1 90	Each $0 85

"Three-In-One."

No. 30 ..... per dozen $1 00
No. 31 ..... " 1 70

In 5 Gross Lots.

No. 30 ..... per gross $10 15
No. 31 ..... " 20 15

COLE'S MANY USE OIL.

Nos.	32	33	34
Per dozen	$0 70	1 10	erase

CLEANING AND PRESERVING COMPOUNDS.

Nos.	18	19W	25	22
Per dozen	$1 00	90	erase	erase

Change No. 19 to read 19W.

2016 END OF THIS DIVISION.

2101 TITLE PAGE.

2102 "REV-O-NOC" FISHING RODS.

New page dated March 1, 1910.

Nos.	106	95	96	17	150	160
Per dozen	$8 10	7 20	8 10	8 60	7 20	9 00
Nos.	166	168	204	J16½	J16¾	
Per dozen	$14 40	16 50	28 80	7 20	10 80	
Nos.	J17¾	53	62	P171	C21	
Per dozen	$12 00	10 50	5 30	erase	5 05	

Because a few articles figure a certain per cent. above the market prices, it should not be inferred that this is true in all cases.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page 2103 **"REV-O-NOC" FISHING RODS.**

New page dated March 1, 1910.

Nos.	151	206	133	209
Per dozen	$8 65	10 60	16 30	22 50
Nos.		218	216	216AT
Per dozen		$57 60	24 95	44 40
Nos.	T159	18	155	165	167	195
Doz.	$26 65	10 80	7 20	9 00	14 40	15 60

2104 **"REV-O-NOC" FISHING RODS.**

New page dated March 1, 1910.

Nos.	169	173	193	202	210	293
Per doz.	$16 50	17 40	25 70	28 10	43 20	129 60
Nos.	180	185	186	187	188	V72
Per doz.	$10 30	10 30	20 65	20 65	36 00	36 00

2105 **"REV-O-NOC" FISHING RODS.**

New page dated March 1, 1910.

Nos.	40	115 SW232	SW220	SW071	SW231
Doz.	$13 70	18 50	15 15	15 85	25 20	28 80
Nos.		T21	75	76¼	76½
Per dozen		$32 40	28 80	43 20	48 95
Nos.			76¾	77	083
Per dozen			$54 00	86 40	28 80

2106 **STEEL FISHING RODS.**

New page dated March 1, 1910

Nos.	675	677	676¼	676¾
Per dozen	$14 40	16 80	26 90	31 70
Nos.	678	683	684	681
Per dozen	$40 80	15 35	48 95	62 40
Nos.	175	176	175½	176½
Per dozen	$45 35	58 95	54 40	65 75
Nos.	177	176¼	176¾	27
Per dozen	$72 55	63 50	70 30	99 80

2107 **STEEL FISHING RODS.**

New page dated March 1, 1910.

Nos.	23	24	183	181	181½
Per dozen	$68 05	77 35	45 35	36 05	36 05
Nos.	184	26	495	493
Per dozen	$61 25	108 85	10 80	10 80

No. 26—For factory shipment only.

2108 **FISHING RODS AND POLES.**

New page dated March 1, 1910.

Nos.	D1	D250	D4	D5	
Per dozen	$9 60	22 00	38 40	48 00	
Nos.	D10	D15	1	6½	
Per dozen	$96 00	144 00	1 20	6 85	
Nos.	81	82	85	86	
Per dozen	$1 30	1 95	2 40	6 30	
Nos.	90	104	91	92	111
Per dozen	$2 40	5 10	4 30	6 00	11 15
Nos.	412	414	416	418	420
Per hundred	$3 10	3 90	5 75	7 20	9 30

In Lots of 1,000.

Nos.	412	414	416	418	420
Per M	$25 55	33 60	48 00	64 10	78 50

2109 **ROD SUNDRIES.**

New page dated March 1, 1910.

Nos.	50	505	51	53	7
Per dozen	$14 40	90	11 50	1 80	14 40
Nos.	12	25	35	400	19
Per dozen	$16 80	6 50	5 40	1 80	3 60
Nos.	11G	16G	18G	26G	28G
Per dozen	$2 00	5 40	5 70	8 40	9 00
Nos.	119G	120G	126G	228G	78G	3G
Per dozen	$6 00	8 65	4 30	12 15	12 95	6 50

2110 **"REV-O-NOC" FISHING REELS.**

New page dated March 1, 1910.

Nos.	225	325	625	240
Per dozen	$1 15	1 45	1 75	1 40
Nos.	340	640	260	360
Per dozen	$1 60	1 90	1 50	1 80
Nos.	660	680	4340	4840
Per dozen	$2 10	2 50	4 30	4 50
Nos.	4360	4860	4380	4880
Per dozen	$4 70	4 80	5 50	5 75
Nos.	5840	5860	5880	4940
Per dozen	$6 00	6 95	7 45	6 00
Nos.	4960	4980	1240
Per dozen	$6 95	7 50	7 70
Nos.	1260	1280	12160	88
Per dozen	$8 50	9 40	10 90	9 65
Nos.	1940	1960	1980	2360	2380
Per dozen	$9 35	10 10	10 80	15 85	18 00

2111 **"REV-O-NOC" FISHING REELS.**

New page dated March 1, 1910.

Nos.	8260	8280	J8260	J8280
Per dozen	$16 20	17 40	28 80	32 40
Nos.	1760	1780	2160	2180
Per dozen	$17 10	18 85	27 85	30 25
Nos.	6160	J6160	J5160	J5180
Per dozen	$26 50	34 70	39 95	44 40
Nos.	9160	J9160	2560	2580
Per dozen	$72 00	86 40	28 80	30 25
Nos.	J8480	J7160	J7180
Per dozen	$43 20	48 00	51 60

2112 **FISHING REELS.**

New page dated March 1, 1910.

Nos.	T150	T200	6100	34	
Per dozen	$20 40	27 35	28 80	81 00	
Nos.	3	J3	M3	MJ3	
Per dozen	$162 00	216 00	302 40	367 20	
Nos.	3580	3680	3780	3980	
Per dozen	$34 55	64 32	41 70	66 00	
Nos.	3240	3280	
Per dozen	$11 90	17 30	

Page 2113 **FISHING REELS.**

New page dated March 1, 1910.

Nos.	3419	3417	J8830	J4160	
Per dozen	$17 30	21 60	36 00	64 80	
Nos	J4180	80	M75	76	
Per dozen	$72 00	39 60	43 20	48 00	
Nos.	77	89	91	92	
Per dozen	$52 80	5 10	14 40	18 00	

2114 **FISH HOOKS.**

New page dated March 1, 1910.

No. 100—Sizes	16to1	1-0	2-0	3-0	4-0	5-0
Per thousand	$0 48	60	72	85	96	1 20
No. 100—Sizes	6-0	7-0	8-0	9-0	10-0	
Per thousand	$1 45	1 68	2 16	3 00	3 90	
No. 110—Sizes			4to1	1-0	2-0	
Per thousand				$0 60	72	90
No. 110—Sizes	3-0	4-0	5-0	6-0		
Per thousand	$1 00	1 20	1 45	1 70		
No. 150—Sizes	20	19	18	17	16	
Per gross	$0 16	16	17	19	20	
No. 150—Sizes	15	14	13	12		
Per gross	$0 28	31	48	60		
No. 120—Sizes	16	14	12to1	1-0	2-0	3-0
Per thousand	$0 48	48	60	72	84	
No. 120—Sizes	4-0	5-0	6-0	7-0		
Per thousand	$0 96	1 20	1 45	1 68		
No. 120—Sizes.	8-0	9-0	10-0	11-0	12-0	
Per thousand.	$2 16	3 00	3 90	6 60	7 50	
No. 130—Sizes	16	14	12to1	1-0	2-0	3-0
Per thousand	$0 60	60	60	72	90	1 00
No. 150—Sizes	4-0	5-0	6-0	7-0		
Per thousand	$1 20	1 45	1 68	1 90		
No. 150—Sizes	8-0	9-0	10-0			
Per thousand	$2 40	3 25	4 32			
No. 140—Sizes	8	7	6	5		
Per thousand	$2 10	2 70	3 60	4 80		
No. 140—Sizes	4	3	2	1		
Per thousand	$6 50	9 00	10 80	15 10		

Change lists on No. 120, 11-0 and 12-0 to read $11.00 and $12.50.

2115 **FISH HOOKS.**

New page dated March 1, 1910.

No. 200—Sizes	12to1	1-0	2-0	3-0	4-0
Per thousand	$0 80	95	1 15	1 45	1 75
No. 200—Sizes	5-0	6-0	7-0		
Per thousand	$1 85	2 15	3 45		
No. 210—Sizes	10 to 1	1-0	2-0	3-0	
Per thousand	$0 85	1 00	1 15	1 25	
No. 210—Sizes	4-0	5-0	6-0		
Per thousand	$1 40	1 55	2 00		
No. 220—Sizes	3 to 1	1-0	2-0	3-0	4-0	5-0
Per thousand	$2 30	2 90	3 15	3 45	3 75	4 60
No. 280—Sizes	5to1	1-0	2-0	3-0	4-0	
Per thousand	$0 80	90	1 05	1 15	1 40	
No. 280—Sizes	5-0	6-0				
Per thousand	$1 60	1 85				
No. 260—Sizes	4 to 1	1-0	2-0	3-0		
Per thousand	$2 60	2 90	3 15	3 45		
No. 261—Sizes	10to1	1-0	2-0	3-0		
Per thousand	$0 50	1 10	1 20	1 30		
No. 270—Sizes	8to1	1-0	210	3-0	4-0	5-0
Per thousand	$0 80	90	1 00	1 15	1 40	1 60
No. 230—Sizes	25to22	21	20	19		
Per thousand	$0 80	95	1 15	1 45		
No. 230—Sizes	18	17	16			
Per thousand	$1 75	1 85	2 20			
No. 240—Sizes	25to22	21	20	19		
Per thousand	$0 80	1 00	1 15	1 45		
No. 240—Sizes	18	17	16			
Per thousand	$1 75	1 85	2 20			

2116 **FISH HOOKS.**

New page dated March 1, 1910.

No. 245—Sizes	24to22	21	20	19	18	17
Per thousand	$0 80	1 00	1 15	1 45	1 75	1 85
No. 285—Sizes	4	3	2	1	1-0	2-0
Per thousand	$0 90	1 15	1 40	1 80	1 95	2 55
No. 286—Sizes	5	4	3	2	1	1-0
Per thousand	$2 70	3 00	3 45	4 05	5 10	6 20
No. 290—Sizes	7 to 1	1-0	2-0	3-0		
Per thousand	$4 05	4 60	5 20	5 75		

PLAIN TREBLE.

Nos.	5to1	1-0	2-0	3-0	4-0	5-0
Per gross	$1 25	1 40	1 68	1 75	2 05	2 70
Nos	6-0	7-0	8-0	9-0	10-0	
Per gross	$3 00	3 80	3 90	5 90	7 90	
No. 315	per dozen $0 41					

FEATHERED TREBLE.

Nos.	5to1	1-0	2-0	3-0	4-0	5-0
Per dozen	$0 30	31	37	40	42	48
Nos.	6-0	7-0	8-0	9-0	10-0	
Per dozen	$0 49	52	54	76	1 05	

2117 **SNELLED FISH HOOKS.**

O. V. B. CARLISLE.

New page dated March 1, 1910.

No. 1300—Sizes	8 to 1	per gross $3 00			
No. 1301—Sizes	4to1	1-0	2-0	3-0	4-0
Per gross	$3 60	3 60	4 30	5 09	5 40
No. 1302—Sizes	1-0	2-0	3-0	4-0	5-0	6-0
Per gross	$4 20	4 50	4 80	5 30	5 75	6 30

O. V. B. CINCINNATI BASS.

No. 1320—Sizes	24to22	21	20	19	
Per gross	$3 60	3 60	4 20	4 30	
No. 1320—Sizes	18	17	16		
Per gross	$5 10	5 40	5 70		
No. 1322—Sizes	21	20	19	18	17	16
Per gross	$3 70	4 20	4 45	4 85	5 40	6 00

"REV-O-NOC" CARLISLE.

No. 1340—Sizes	8 to 1	per gross $2 15			
No. 1341—Sizes	4to1	1-0	2-0	3-0	4-0
Per gross	$2 90	3 10	3 35	3 60	4 30

Page **"REV-O-NOC" CINCINNATI BASS.**

No. 1350—Sizes	24to22	21	20	19
Per gross	$2 90	3 10	3 35	3 60
No. 1350—Sizes	18	17	16
Per gross	$4 30	4 95	5 40
No. 1352—Sizes	21	20	19	18	17	16
Per gross	$3 05	3 60	4 10	4 20	4 50	5 20

"REV-O-NOC" PENNELL LIMERICK T. D. E.

No. 1360—Sizes	4to1	1-0	2-0	3-0	4-0
Per gross	$4 15	4 75	5 65	5 40	6 50

CARLISLE NO. 4A, SPECIAL.

No. 1200—Sizes	10to1	1-0	2-0
Per gross	$0 90	1 05	1 15
No. 1201—Sizes	10to1	1-0	2-0	3-0
Per gross	$1 15	1 20	1 45	1 55
No. 1201—Sizes	4-0	5-0	6-0
Per gross	$1 75	1 85	1 95
No. 1202—Sizes	1-0	2-0	3-0	4-0	5-0
Per gross	$2 64	2 78	2 90	3 16	3 60

SPROAT NO. 1S, SPECIAL.

No. 1270—Sizes	8 to 1	per gross $0 90		
No. 1271—Sizes	4to1	1-0	2-0	3-0	4-0
Per gross	$1 15	1 30	1 45	1 55	1 75

ABERDEEN NO. 1S, SPECIAL.

No. 1260—Sizes	10 to 1	per gross $0 90		
No. 1261—Sizes	4to1	1-0	2-0	3-0
Per gross	$1 15	1 30	1 45	1 55

CINCINNATI BASS NO. 1S, SPECIAL.

No. 1231—Sizes	25to22	21	20	19
Per gross	$1 15	1 30	1 45	1 55
No. 1231—Sizes	18	17	16
Per gross	$1 75	1 85	1 95

KENDAL SNECK NO. 1S, SPECIAL.

No. 1281—Sizes	4to1	1-0	2-0	3-0	4-0
Per gross	$1 15	1 30	1 45	1 55	1 75

2118 **WEEDLESS HOOKS AND SPINNERS.**

New page dated March 1, 1910.

Nos.	120	123	125	128	812
Per dozen	$0 70	70	85	85	1 70
Nos.	813	814	815	862	863
Per dozen	$1 80	1 90	2 30	2 05	2 15
Nos.	864	865	33	34	35
Per dozen	$2 30	2 55	1 20	1 20	1 20
Nos.	18	19	31	32	37
Per dozen	$1 30	2 15	80 80	1 10
Nos.	38	1	2	W2	3
Per dozen	$1 10	2 15	2 70	3 25	2 70
Nos.	4	40	5	50
Per dozen	$2 70	3 25	2 70	3 25
Nos.	6	60	8	90
Per dozen	$3 75	5 40	5 40	5 40

2119 **FISH HOOKS AND FLIES.**

New page dated March 1, 1910.

Nos.	175	201	202	150
Per dozen	$2 90	90	90	50
Nos.	151	153	155	42
Per dozen	$0 60	85	90	3 95
Nos.	20½	605	625	655
Per dozen	$1 60	1 20	1 20	1 20
Nos.	675	585	695	696
Per dozen	$1 20	1 20	1 20	1 50
Nos.	697	78	79
Per dozen	$2 30	3 30	3 00
Nos. 1, 2 and	per dozen assortments			$5 10
No. 880	"	"		12 60

2120 **TROUT FLIES.**

New page dated March 1, 1910.

Rev-o-noc I Grade—All Nos.	per dozen	$0 90
Rev-o-noc K Grade—All Nos.	"	65
Rev-o-noc E Grade—All Nos.	"	55
Rev-o-noc C Grade—All Nos.	"	30
Neplgon B Grade—All Nos.	"	25
Neplgon A Grade—All Nos.	"	20

2121 **FLIES AND WEEDLESS HOOKS.**

New page dated March 1, 1910.

Double Hook Trout Flies—All Nos.	per doz.	$2 10
Double Hook Bass Flies—All Nos.	"	3 00
Rev-o-noc Weedless Bass Flies, silk body	"	90
Rev-o-noc Weighted	"	1 50
Rev-o-noc Bucktail Bass Flies—All Nos.	"	1 20
Rev-o-noc Bass Flies, A Grade, Rev-o-noc—All Nos.	"	35
Rev-o-noc Bass Flies, B Grade, Rev-o-noc—All Nos.	"	55
Rev-o-noc Bass Flies, K Grade, Rev-o-noc—All Nos.	"	1 15

SPINNER BAITS AND ATTACHMENTS.

Nos.	66&86	67&87	186	187&188		
Per dozen	$1 10	1 50	1 50	2 10		

2122 **CASTING SPINNERS.**

New page dated March 1, 1910.

Nos.	1	2	7	9	11	
Per dozen	$0 70	70	1 20	1 10	1 10	
Nos.	12	13	232	233	5	
Per dozen	$1 40	1 40	1 50	1 50	1 10	
Nos.	8	16	15	C1	2 Rev-o-noc	
Per dozen	$1 10	1 30	2 40	1 20	1 20	
Nos.	2½	3	3½	E1	E2	
Per dozen	$1 20	1 30	1 30	70	70	
Nos.	E3	E4	
Per dozen	$0 70	70	
No. 1933—Sizes	7	5	3	1	2-0	4-0
Per dozen	$2 80	3 80	5 15	5 15	6 10	7 30
Nos.	22	60	65	61	10	
Per dozen	$3 60	3 60	3 90	2 10	1 20	

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

Page

2123 **PEARL BAITS.**

New page dated March 1, 1910.

Nos.	C4	C5	68	69	D5
Per dozen	$1 80	2 00	1 50	3 00	3 60
No. 1914—Sizes	2	3	4	5	6 8
Per dozen	$2 30	2 30	2 70	3 00	3 30 4 45
Nos.	1915	1916	P7	P9	
Per dozen	$3 15	3 15	2 20	2 70	
Nos.	P10	81	61		
Per dozen	$3 15	4 20	8 15		

2124 **TROLLING BAITS.**

New page dated March 1, 1910.

No. 1160	per assortment		$1 35
No. 1910	1to4¾	5&6	7&8
Per dozen	$1 45	1 60	3 00
No. 1160½	per dozen assortments		$0 90
No. 1911	1to4¼	5&6	7&8
Per dozen	$1 80	2 40	3 00
No. 1912	1to4¾	5&6	7&8
Per dozen	$0 60	65	70
No. 1913	per dozen		$0 60

2125 **TROLLING BAITS.**

New page dated March 1, 1910.

Nos.	1917	1918	1919	113
Per dozen	$0 75	1 35	1 35	2 90
Nos.	114	115	120	1903
Per dozen	$2 90	3 40	3 60	1 50
Nos.	1904	1930	1901	1902
Per dozen	$1 50	3 20	4 00	4 50

2126 **MISCELLANEOUS BAIT.**

New page dated March 1, 1910.

Nos.	1931	1932	1933	1934	1	2
Per dozen	$2 40	3 00	3 00	2 30	5 40	5 40
Nos.	5	3	6	4	9	7
Per dozen	$9 00	4 10	9 60	2 90	2 30	2 50

2127 **WOODEN MINNOWS.**

New page dated March 1, 1910.

No. 1000—All Nos.	per dozen $4 30
No. 2000—All Nos.	" 5 40
Ketch Fish, K8 and K9	" 3 30
Ketch Fish, K88 and K89	" 3 85

2128 **WOODEN MINNOWS.**

New page dated March 1, 1910.

Nos. 100 to 107	per dozen $6 30					
Nos. 150 to 157	" 7 20					
Nos.	50	51	200	900	901	420
Per dozen	$5 05	5 05	6 30	7 20	7 20	7 20
Nos.	487	620	630	X20	X30	95
Per dozen	$7 20	7 20	7 20	1 45	1 45	7 80

2129 **PHANTOM MINNOWS.**

New page dated March 1, 1910.

Nos.	02	03	04	05	06
Per dozen	$2 65	2 90	2 90	2 90	3 55
Nos.	07	08	9	10	
Per dozen	$3 95	4 30	5 75	6 75	

MICHIGAN LIFELIKE MINNOWS.

Nos. 1 to 14	per dozen $9 60
Nos. 4 to 15	" 7 70

WEEDLESS MINNOWS.

No. 0	per dozen $7 70

2130 **PRESERVED AND ARTIFICIAL BAIT.**

New page dated March 1, 1910.

Nos.	1935	1936	1937	130	3-0	20
Per dozen	$2 40	2 40	2 30	2 40	5 75	3 30

WHITE GRUB BAIT.

No. 18	per dozen $0 95
No. 20	" 1 15

RUBBER BAIT.

No. 200	per dozen $18 00				
Nos.	14	99	13	15	
Per dozen	$2 05	1 20	1 80	2 70	
Nos.	11	31	12	21	
Per dozen	$1 80	1 20	2 50	2 25	

2131 **GUT AND WIRE LEADERS.**

New page dated March 1, 1910.

Nos.	L31	L32	L41	L42	L131
Per gross	$11 50	23 00	18 00	36 00	19 45
Nos.	L132	L101	L102	L103	L107
Per gross	$38 40	4 80	9 60	14 40	5 75
Nos.	L108	L109	L113	L114	L115
Per gross	$11 50	17 30	11 50	13 00	16 20
Nos.	L116	L1	L2	L3	L7
Per gross	$32 40	2 40	9 60	7 20	3 60
Nos.	L8	L9	L13	L14	L15
Per gross	$7 20	10 80	6 50	12 95	9 00
Nos.	L16	L17	L18	L122	L123
Per gross	$18 00	24 00	48 00	13 30	34 50
Nos.	E	L	N	S	L232
Per gross	$2 40	3 00	4 20	6 00	10 80
Nos.	L223	L224	L225	L226	
Per gross	$21 60	32 40	10 80	10 80	
Nos.	L227	L30	L25		
Per gross	$15 50	13 45	19 20		

2132 **"REV-O-NOC" FISHING LINES.**

New page dated March 1, 1910.

CHICAGO MUSCALLONGE.

No. 1850	per 100 yards		$2 40
Nos.	871	872	66
Per 100 yards	$1 80	1 90	1 20

BOTTLE BRONZE.

No. 1950	per 100 yards $2 50

Page

STANDISH CASTING LINES.

No. 1105	per 100 yards $1 75
No. 1104	" 2 05

ST. CROIX HARD BRAIDED.

No. 840	per 100 yards $1 60

GIANT LINE.

No. 1865	per 100 yards $1 80
No. 1864	" 2 30

PROFESSIONAL CASTINGS.

Nos.	995	994	993
Per 100 yards	$1 20	1 50	1 80

MUSCOKEE CASTING.

No. 850	per 100 yards $0 95
No. 854	" 1 20

2133 **"REV-O-NOC" FISHING LINES.**

New page dated March 1, 1910.

ST. CROIX BRAIDED SILK.

No. 1020	per 100 yards $1 55

GOGEBIC BRAIDED OILED SILK.

No. 745	per gross $10 80

BRAIDED FINISHED SILK.

Nos.	725	724	723
Per gross	$0 70	85	90

"NIPIGON" BRAIDED SILK.

Nos.	831	832	833
Per 100 yards	$1 15	1 30	1 60

RAW SILK BAIT CASTING.

Nos.	1755	1754	1753
Per 100 yards	$0 95	1 10	1 30

BRAIDED SILK.

Nos.	705	704	703
Per 100 yards	$0 60	60	65

OIL SILK.

Nos.	775	774	773
Per 100 yards	$0 80	95	1 20

SILKALINE.

No. 210	per gross $10 10
No. 280	" 11 20

2134 **"REV-O-NOC" FISHING LINES.**

New page dated March 1, 1910.

YALE ENAMEL.

Nos.	1536	1535	1534
Per 100 yds	$2 05	2 05	2 40

AUSABLE ENAMEL.

No. 1515	per 100 yards $0 95
No. 1514	" " " 1 20

SALINE ENAMEL.

No. 1566	per 100 yards $2 00
No. 1565	" " 2 15

SLICKEST ENAMEL.

No. 1546	per 100 yards $2 05

OCTOROON ENAMEL.

No. 1576	per 100 yards $2 50
No. 1575	" " 3 25

BLACK KING.

Nos.	1077	1066	1055
Per 100 yards	$1 25	1 45	1 80

2135 **"REV-O-NOC" FISHING LINES.**

New page dated March 1, 1910.

BRAIDED CUTTYHUNK.

Nos.	416	419	422	425
Per dozen	$7 20	8 10	8 65	9 00
Nos.	411	412	413	
Per dozen	$0 90	95	1 10	

BRAIDED LINEN.

All Nos.	per 100 yards $0 40

HARD BRAIDED LINEN.

All Nos.	per 100 yards $0 65

LINEN TROUT.

No. 140	per gross $3 60

BRAIDED LINEN.

All Nos.	per 100 yards $0 40

BRAIDED BLACK LINEN.

All Nos.	per 100 yards $0 40

2136 **"REV-O-NOC" FISHING LINES.**

New page dated March 1, 1910.

GENUINE CUTTYHUNK.

Nos.	349	352	355
Per gross	$12 95	15 00	17 30

IRISH LINEN REEL.

Nos.	306	309	312	315
Per gross	$7 20	7 90	8 65	10 10

NONE SUCH LINEN BASS.

No. 301	per gross $7 00
No. 302	" 7 20

BRAIDED SEA ISLAND COTTON.

All Nos.	per 100 yards $0 26

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BLACK BEAUTY.

No. 275	per gross $6 30

SPECIAL BRAIDED COTTON.

No. 541	per gross $15 10
No. 550	" 15 10

SEA GRASS.

All Nos.	per gross $5 40

2136A **"THE FREEPORT HOOK."**

New page dated March 1, 1909.

Entire page	per dozen $8 65

2137 **FISHING LINES.**

New page dated March 1, 1910.

MARTIN'S BRAIDED OIL SILK.

No. 1205	per 100 yards		$1 30
No. 1205	" 1,000	"	11 80
No. 1203	" 100	"	1 50
No. 1203	" 1,000	"	13 35

BLACK AND WHITE BRAID CASTING SILK.

No. 23	per dozen $1 80
No. 24	per 100 yards 1 00

MARTIN'S KINGFISHER.

No. 807	per 100 yards $0 90

HALL CUTTYHUNK BASS.

Nos.	369	372	375
Per dozen	$2 50	2 50	2 50

Change Nos. 24 and 807 to read per 100 yds.

2138 **FISHING LINES.**

New page dated March 1, 1910.

KINGFISHER'S SLICKEST CASTING.

No. 805	per 100 yards		$1 60
No. 805	" 1,000	"	14 40

KINGFISHER'S TOURNAMENT BAIT CASTING LINES.

No. 806	per 100 yards		$1 30
No. 806	" 1,000	"	13 40

KINGFISHER'S MUSCALLONGE.

No. 850	per 100 yards $2 75

KINGFISHER BAIT CASTING.

No. 895..	per 100 yds..	$1 30	1,000 yds..$11 80
No. 894..	" 100 " ..	1 55	1,000 " .. 14 00
No. 893..	" 100 " ..	1 95	1,000 " .. 17 75

KINGFISHER'S SPECIAL TROUT.
Russet Enamel Finish.

No. 1525.	per 100 yds..	$1 75	1,000 yds..$15 40

KINGFISHER'S HARD BRAID.

No. 865..	per 100 yds..	$1 60	1,000 yds..$14 40
No. 864..	" 100 " ..	1 90	1,000 " .. 17 30

KINGFISHER'S BRAIDED RAW SILK.

Nos.	755	754	153
Per 100 yards	$1 10	1 30	1 60

KINGFISHER'S LAKE SUNAPEE.
Enamel Fly.

No. 1215	per 100 yards		$2 10
No. 1215	" 1,000	"	18 85
No. 1214	" 100	"	2 60
No. 1214	" 1,000	"	23 30

2139 **FISHING LINES.**

New page dated March 1, 1910.

EUREKA COTTON.

Nos.	101	102	103	104	105
Per gross	$0 55	65	75	80	90
Nos.	106	107	108	109	110
Per gross	$1 10	1 30	1 55	1 60	2 00

WHITE COTTON.

Nos.	111	112	113	114	115	116	117
Per gross	$0 55	65	75	80	90	1 10	1 30
Nos.	118	119	120	121	122	123	124
Per gross	$1 55	1 60	2 00	2 10	2 15	2 35	2 90

Nos. 506 to 502	per gross $2 05
Nos. 516 to 512	" 3 00

OLD RELIABLE BRAIDED COTTON.

Nos.	535	534	533	532
Per gross	$8 65	8 65	8 65	9 85
Nos.	531	530	530½	530¾
Per gross	$10 80	12 25	14 40	16 30

HAND MADE BROWN LINEN.

Nos.	131	132	133	134	135	136	137
Per gross	$1 25	1 35	1 40	1 45	1 70	1 85	2 15
Nos.	141	142	143	144	145	146	147
Per gross	$2 05	2 15	2 25	2 35	2 65	3 05	3 45

BRAIDED IRISH LINEN.

No. 2140	per gross $4 10

The purpose of this book is to give an "idea" of actual values.

Page

2140 SINKERS AND CASTING WEIGHTS.

New page dated March 1, 1910.

Sinkers.

No. 200—Sizes	1	2	3	4	5
Per gross	$0 40	50	60	65	85
Sizes	6	7	8	9	10	11
Per gross	$0 95	1 20	1 35	1 60	2 40	3 00
No. 300—Sizes	1	2	3	4	5	6
Per gross	$0 35	40	45	50	65	85
Sizes	7	8	9	10	11	12
Per gross	$1 10	1 25	1 70	2 30	2 65	3 15
Nos.	28	27	26	25	24
Per gross	$0 60	1 20	1 70	2 20	3 95
Nos. 100—Sizes	0	1	2	3	4	5
Per gross	$0 30	35	40	55	55	80
Sizes	6	7	8	9	10
Per gross	$1 00	1 15	1 30	1 55	1 80
No. 216	per gross $10 10
No. 217	" 12 95
Nos.	6	4	2
Per gross	$4 80	7 20	8 65
B.B. Shot	per gross boxes $1 60
No. 7 Buckshot	" " 2 40
Nos.	10	9	8	7	6
Per gross	$3 85	3 85	3 85	3 85	4 15
Nos.	5	4	3	2	1
Per gross	$4 15	4 50	4 90	5 75	7 90
No. 345	per gross $19 45

2141 FLOATS, FISH KNIVES AND SCALERS.

New page dated March 1, 1910.

Nos.	2	3	4	40	41	42
Per gross	$0 95	1 20	1 50	1 70	1 80	2 10
Nos.	43	44	301	302	303	304
Per gross	$2 50	2 90	3 30	4 20	5 30	7 20
Nos.	305	403	404	405	406
Per gross	$12 00	4 20	4 90	6 60
Nos.	407	503	504	505	506
Per gross	$8 30	10 80	2 90	3 30	3 60
Nos.	507	508	75	79	702
Per gross	$5 75	7 20	16 55	21 60	10 30
Nos.	703	704	705	706	801
Per gross	$15 10	23 05	36 00	46 80	7 20
Nos.	802	803	803¼	804	805
Per gross	$8 65	9 65	10 80	11 80	12 95
Nos.	806	54	56	58
Per gross	$15 85	3 00	3 30	4 70

Fish Knives.

Nos.	55G	25G	0148G	10RG
Per dozen	$2 40	2 40	7 80	4 80

Fish Scalers.

No. G15	per dozen $1 20
No. 17	" 95

2142 FURNISHED LINES.

New page dated March 1, 1910.

Nos.	2	9	4	8	11	5	7½
Per gross	$2 15	2 90	3 60	6 25	8 65	4 30	5 45
Nos.	102	202	10	12	256½	260½	15½
Per gr.	$6 25	6 70	7 20	10 10	9 05	12 85	14 40
Nos.	153¼	150½	155	175
Per gross	$28 80	3 60	4 30	6 20
Nos.	260	14	16½
Per gross	$11 50	12 95	16 55

2143 FISHING TACKLE ASSORTMENTS.

New page dated March 1, 1910.

No. 1154	each $2 40
Nos.	2265 2250
Per dozen assortments	$0 85 50
No. 90	each $1 45
No. 105	" 2 40

2144 FISHING TACKLE ASSORTMENTS.

New page dated March 1, 1910.

Nos.	100	106
Each	$5 10	10 80

2145 FLY AND TACKLE BOOKS.

New page dated March 1, 1910.

Nos.	10	0	78	30	31
Per dozen	$1 80	4 10	2 90	7 70	10 80
Nos.	32	58	62	135	115
Per dozen	$18 00	4 50	12 00	8 10	43 20
Nos.	110	5	100	105	120
Per dozen	$14 40	6 75	9 60	8 65	38 40

2146 TACKLE, BAIT AND LEADER BOXES.

New page dated March 1, 1910.

Nos.	9	11	12	13
Per dozen	$3 85	4 50	6 50	9 60
Nos.	6	16	5	17
Per dozen	$9 35	12 50	18 00	56 90

Bait Boxes.

Nos.	L24	P24	26	27
Per dozen	$0 95	1 00	1 35	2 40

Fly and Leader Boxes.

Nos.	50	51	52
Per dozen	$1 80	4 10	4 10

2147 MINNOW BUCKETS.

New page dated March 1, 1910.

Minnow and Frog.

Nos.	101G	102G	108½G	110½G
Per dozen	$1 20	1 45	5 40	6 39

Round Insert.

Nos.	106G	108G	110G	112G
Per dozen	$5 55	6 40	7 70	8 65

Round Floating.

Nos.	508G	510G	512G
Per dozen	$9 85	11 05	13 45

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Special Round Floating.

Nos.	408G	410G
Per dozen	$10 80	12 60

Galvanized Round Floating.

Nos.	608G	610G	808G	810G
Per dozen	$12 40	14 10	11 30	12 90
Nos.	708G	710G	908G	910G
Per dozen	$12 00	13 70	5 55	6 85

Oblong Floating.

No. 300G	per dozen $24 00

2148 FOLDING PAILS, MINNOW TRAPS.

Trout Baskets, Etc.

New page dated March 1, 1910.

Folding Water Pails.

Nos.	4G	12G	5G	08	010
Per dozen	$10 80	16 30	21 85	21 85	27 00

Minnow Traps.

No. 70	per dozen $7 20
No. 65	" 22 50

Fish Scales.

Nos.	1G	10G	20G
Per dozen	$4 10	4 30	5 75

Trout Baskets.

Nos.	20	21	22	23	24	11
Per dozen	$8 65	10 10	12 35	15 30	17 50	16 80
Nos.	12	13	40	41	42
Per dozen	$19 80	23 05	38 40	46 10	49 90

Bait Box Straps.

No. 9	per dozen $0 95

Basket Straps.

No. 10	per dozen $2 40
No. 8	" 1 45

Mosquito Shields.

No. 7	per dozen $5 40

2149 FLY CREAM, DRINKING CUPS, FISH STRINGERS, ETC.

New page dated March 1, 1910.

Fly Cream.

No. 7	per dozen $1 80
No. 10	" 1 80
No. T9	" 1 80

Drinking Cups.

Nos.	6G	10G	11G	16G	17G	18G
Per doz.	$2 50	2 05	2 50	2 05	1 20	3 10

Fish Stringers.

Nos.	2	5	9	T7
Per dozen	$0 40	1 20	2 40	1 45

Winding Silk.

No. 11	per dozen $0 90

Alarm Bells.

No. 100	per dozen $0 55

Sure Bait.

No. 17	per dozen $0 90

Snagged Hook Releasers.

Nos.	1	2
Per dozen	$2 40	3 00

2150 GAFF HOOKS, FISH SPEARS, NET FRAMES AND RINGS.

New page dated March 1, 1910.

Gaff Hooks.

Nos.	1	15
Per dozen	$1 10	6 00

Frog Spears.

Nos.	0	3
Per dozen	$0 90	1 20

Fish Spears.

Nos.	2	10	20	4	5
Per dozen	$2 50	2 40	2 90	4 30	5 30
Nos.	6	7	8	9
Per dozen	$6 30	14 40	10 80	14 40

Landing Net Rings.

Nos.	15	16	14	10
Per dozen	$2 05	2 40	5 16	5 90
Nos.	25	24	23	21
Per dozen	$8 28	12 00	12 95	17 30

2151 FISH AND LIVE NETS AND BAGS.

New page dated March 1, 1910.

Handled Landing Nets.

Nos.	1	3	206	17
Per dozen	$3 60	5 70	7 20	10 80

Aquarium Nets.

No. 4	per dozen $1 60

Landing Nets.

Nos.	324	330	224	230
Per dozen	$1 80	2 30	1 97	2 70

Dip Nets.

Nos.	516	518	520	524	530	424	430
Per doz.	$2 70	3 60	4 10	4 80	6 50	7 20	10 10

Live Nets.

Nos.	10	12	14
Per dozen	$3 60	4 30	4 80

Fish Bags.

Nos.	24	25	26
Per dozen	$1 75	2 50	3 60

Umbrella Minnow Nets.

No. 54	per dozen $18 00

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2152 ROD MOUNTINGS.

New page dated March 1, 1910.

No. 70—All sizes	per dozen $0 10

Tie Guides.

Nos.	80	85	92	93	90
Per dozen	$0 08	12	08	20	05
Nos.	91	95	125	110
Per dozen	$0 10	30	1 80	5 40

Casting Guides.

Nos.	130	160	116	150
Per dozen	$0 50	2 65	6 50	9 60

Rings and Keepers.

No. 120	per dozen $0 06

2153 ROD MOUNTINGS.

New page dated March 1, 1910.

Ring Tips.

No. 10	per dozen $0 10
No. 20	" 12

Three Ring Tips.

No. 40	per dozen $0 30

Three Tips.

No. 30	per dozen $0 25
No. 35	" 30

Kalamazoo Tips.

No. 135	per dozen $0 55

Double Hole Tips.

No. 36	per dozen $1 60

Angle Ring Tips.

No. 45	per dozen $2 15

Three Ring Tips.

No. 50	per dozen $2 65

Special Casting Tips.

No. 67	per dozen $3 60

Double Hole Tips.

No. 55	per dozen $3 60

Agate Basket Tips.

No. 65	per dozen $6 50

Solid Agate Tips.

No. 60	per dozen $6 50

2154 FISHING TACKLE SUNDRIES.

New page dated March 1, 1910.

Rod Ferrules.

Discount	40 per cent

Set Line Snaps.

No. 21	per gross $1 55
No. 22	" 2 70

Swivels.

No. 05—Sizes 1 to 6	per gross 1 20		
Sizes	1-0	2-0	3-0
Per gross	$2 30	2 90	3 95
Nos.	010	015	025
All Sizes	per gross $3 15	2 10	4 80

Connecting Links.

No. 020—All sizes	per gross $1 10

Split Rings.

No. 17—Sizes	4	5	8
Per gross	0 48	55	85

Fish Hook Extractors.

Nos.	30	2	1
Per dozen	$0 17	70	1 80

2155 TWINES, LINES AND NETS.

New page dated March 1, 1910.

Seine Twine.

Nos.	6	9	12	15 and larger
Soft	per lb. $0 37	32	31	30
Medium	"	32	31	30
Hard	"	38	33	32
Medium ½ lb. ball	"	32	31	32
Hard ½ lb. balls	per lb. $0 32			

Three Cord Gilling Twine.

Nos.	12	16	20	25	30	40
Per pound	$1 20	1 25	1 30	1 45	1 55	1 80

Trot Lines.

Nos.	1	2	3	4	5	6
Per pound	$0 30	40	50	60	80	1 00
Nos.	7	8	9	10	11	12
Per pound	$1 15	1 25	1 35	1 85	2 20	2 50
First Grade	per lb. $0 30					
Second Grade	" 20					
On tubes	" 30					

Staging Twine.

All Nos.	per lb. $0 30

Netting.

All Netting	net list

2156 NETTING AND SEINES.

New page dated March 1, 1910.
Write for prices.

2157 SEINES.

New page dated March 1, 1910.
Write for prices.

2158 SEINES AND NETS.

New page dated March 1, 1910.
Write for prices.

2159 HOOP NETS.

New page dated March 1, 1910.
Write for prices.

Page 2160

GILL OR SET NETS.

New page dated March 1, 1910.
Write for prices.

Page 2161

FISHING NET EXTRAS AND CANOES.

New page dated March 1, 1910.
Entire page except Tarred Rope .....discount 40 per cent
Tarred Rope .....Market price
Hudson River Canoes F. O. B. Detroit, Mich.
Rev-o-noc Canoes F. O. B. Shell Lake, Wis.

Page 2162

DETROIT STEEL ROWBOATS.

New page dated March 1, 1910.
F. O. B. Detroit, Mich.
Entire page .....discount 40 per cent

Page 2163

MULLIN'S STEEL BOATS.

New page dated March 1, 1910.
Nos. 20 and 27 F. O. B. Chicago—Balance F. O. B. Salem, Ohio.
Discount .....40 per cent

Page 2164

REV-O-NOC WOODEN ROWBOATS.

New page dated March 1, 1910.
Entire Page F. O. B. Shell Lake, Wis.
Discount .....40 per cent

Page 2165

REV-O-NOC WOODEN LAUNCHES

New page dated March 1, 1910.
Entire Page F. O. B. Shell Lake, Wis.
Discount .....30 per cent

Page 2166

DETROIT STEEL LAUNCHES.

New page dated March 1, 1910.
Entire Page F. O. B. Detroit, Mich.
Discount .....30 per cent

Page 2167

BOATS.

New page dated March 1, 1910.
Entire Page F. O. B. Kalamazoo, Mich.
Discount .....40 per cent

Page 2168

OARS, OAR LOCKS, ANCHORS AND WATER WINGS.

New page dated March 1, 1910.

Plain Oars.

No. 40—Length, ft.	6	6½	7	7½	8
Per pair	$1 15	1 30	1 35	1 45	1 55
No. 55—Length, ft.	6	6½	7	7½	8
Per pair	$1 20	1 30	1 40	1 50	1 60

Coppered Tipped Oars.

No. 45—Length, ft.	6	6½	7	7½	8
Per pair	$1 20	1 30	1 45	1 55	1 60
No. 75—Length, ft.		6		6½	7
Per pair		$1 25		1 40	1 45
No. 75—Length		7½		8	8½
Per pair		$1 60		1 70	1 75
No. 89—Length, ft.	6½		7	7½	8
Per pair	$1 55		1 70	1 80	1 90
No. 90—Length, ft.		7		7½	8
Per pair		$2 80		2 95	3 15

Spoon Blade Oars.

No. 111—Length, ft.	7	7½	8
Per pair	$3 50	3 80	4 00

Canoe Paddles.

No. 80—All sizes .....per dozen $16 20

Push Paddles.

No. 85—Length, ft.	8	9	10
Each	$1 30	1 45	1 60

Oar Locks.

Nos.	11	11½	0	1	1½
Per dozen pairs	$1 70	1 85	1 95	1 95	2 95
Nos.	7	8	21	40	41
Per dozen pairs	$2 10	1 95	2 95	7 55	8 65

Dirigo Folding Anchors.

Discount .....40 per cent

Kedge Anchors.

Discount .....40 per cent

Water Wings.

No. 1 .....per dozen $2 55
No. 2 ..... " 3 35

Page 2203

BASE BALLS.

New page dated March 1, 1910.

Nos.	X0	X2	X3	X4	X6	X5
Per doz.	$12 00	9 00	6 00	3 60	4 80	2 40
Nos.		X8	X9	X10½	X10	X11
Per dozen		$2 40	2 75	1 50	95	95

Page 2204

BASE BALLS AND MASKS

New page dated March 1, 1910.

Base Balls.

Nos.	X12	X12½	X13
Per dozen	$0 70	55	50

The printed prices are sufficiently accurate to enable you to make sales.

Page

Masks.

Nos.	350	200	117	113	111
Per dozen	$34 20	32 40	25 20	15 30	11 50
Nos.	110	18	25	16	11
Per dozen	$9 60	7 20	4 80	3 25	1 80

Page 2205

BASE BALL BATS.

New page dated March 1, 1910.

Nos.	X	XX	XXX	XXXX	A2	A
Per dozen	$7 30	8 65	7 30	8 65	4 20	6 60
Nos.	A1	B1	B2	C1	C2	218
Per dozen	$4 20	2 30	2 30	1 55	1 00	erase

Page 2206

REV-O-NOC CATCHERS' MITTS.

New page dated March 1, 1910.

Nos.	7A	3A	6A	6½A	A$½
Per doz.	$70 20	64 80	45 60	46 80	32 40

Page 2207

REVONOC CATCHERS' MITTS.

New page dated March 1, 1910.

Nos.	A9½	A5	A12½	14	11	B10
Per dz.	$29 10	23 75	21 60	23 75	14 40	14 40
Nos.			307		306½	35
Per dozen			$12 05		11 70	10 80

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REVONOC CATCHERS' AND BASEMEN'S MITTS.

New page dated March 1, 1910.

Nos.	34	304	33	32	303	36
Per doz.	$10 80	7 80	5 05	4 80	5 40	2 40
Nos.			X.B.	O.B.A.		B2
Per dozen			$35 40	32 40		19 45

Page 2209

REVONOC FIELDERS' MITTS AND GLOVES.

New page dated March 1, 1910

Nos.	B6½	B9	F9½	BL7	B12
Per dozen	$14 40	10 10	11 70	8 70	4 80
Nos.	B11	90½	91½		94
Per dozen	$2 90	29 70	27 00		31 70

Page 2210

REVONOC FIELDERS' GLOVES.

New page dated March 1, 1910.

Nos.	95	93	92	89½
Per dozen	$27 00	24 00	22 50	16 70
Nos.	96		196	87
Per dozen	$18 90		20 16	14 40
Nos.	182			B189
Per dozen	$14 40			12 60

Page 2211

REVONOC BASEBALL MITTS.

New page dated March 1, 1910.

Nos.	82	185	85	84	60	163
Per doz.	$10 10	9 60	9 50	7 20	5 05	5 05
Nos.	64			56		B122
Per dozen	$4 80			2 60		2 40

Page 2212

REACH BASE BALLS AND MITTS.

New page dated March 1, 1910.

BASE BALLS.

Nos.	0	1	3C	1L	4A	7
Per dz.	$14 40	14 40	9 60	10 80	7 20	4 80
Nos.		8	9	9A	11	12
Per dozen		$2 40	2 40	1 50	95	50

CATCHERS' MITTS.

Nos.	6AR	7AR	2AR	30	BP	FP
Per doz.	$79 20	79 20	61 20	39 60	28 80	9 60
Nos.	150		32R	GP	65	M
Per dozen	$14 40	50 40	4 80	4 80	4 80	2 40

BASEMEN'S MITTS.

No. R .....per dozen $19 44
No. 3 R ..... " 9 60

FIELDERS' MITTS.

Nos.	C.F.	O.B.	O1
Per dozen	$28 80	28 80	28 80

Page 2213

BASE BALL GLOVES, BATS AND BALLS.

New page dated March 1, 1910.

REACH FIELDERS' GLOVES.

Nos.	00W	3G	SW	
Per dozen	$25 20	15 10	19 45	
Nos.	2G	11G	9G	10G
Per dozen	$12 95	9 60	14 40	9 60

REACH BASE BALL BATS.

Nos.	5-0	3-0	1-0	82	83B	87
Per dozen	$9 60	7 20	6 00	2 40	2 40	95

REACH FIELDERS' MITTS.

Nos.	54	12G	18	24
Per dozen	$7 20	4 80	4 80	2 40

ROGERS' PATENT POCKET GLOVES.

No. 68 .....per dozen $16 20
No. 8 ..... " 28 20

PNEUMATIC BASE BALLS.

No. U. S. League .....per dozen $6 00
No. Junior ..... " 5 40

Page 2214

BASE BALL SUNDRIES.

New page dated March 1, 1910.

BAT BAGS.

Nos.	12	22	2
Per dozen	$36 00	38 40	12 30

BASES

No. 24 .....per set $4 50
No. 34 ..... " 2 90

Page

BASE BALL SHOES.

Nos.	15	17	19
Per pair	$2 35	3 00	4 00

SHOE PLATES.

Nos.	10	11	12
Per dozen pair	$1 90	1 30	65
No. 5		per dozen	$1 50
No. 4		"	1 50
Nos.	H10	H11	H12
Per dozen pairs	$1 90	1 30	65

BODY PROTECTORS.

Nos.	4	5	1P	1AP	2AP	1BP
Each	$4 20	3 60	4 50	3 60	2 70	2 10

WRIST SUPPORTERS.

No. 100 .....per dozen $1 45
No. 102 ..... " 2 15

WRIST BANDS.

No. 84G .....per dozen $3 20

ANKLE SUPPORTS.

No. 300 .....per dozen pairs $5 70
No. 200 ..... " 3 30

TABLETS AND INDICATORS.

No. 95 .....per dozen $2 40
No. 46 ..... " 4 80

SCORE BOOKS.

Nos.	1SB	2SB	3SB	4SB
Per dozen	$0 85	2 15	4 30	7 90

BATTING AND PITCHING GUIDES.

No. 14 .....per dozen $1 45
No. 24 ..... " 1 45

Page 2215

BASE BALL CLOTHING.

New page dated March 1, 1910.
Entire page .....discount 40 per cent

Page 2216

BASE BALL CLOTHING.

New page dated March 1, 1910.
Entire page .....discount 40 per cent

Page 2219

CRUSO AND REV-O-NOC CROQUET SETS.

New page dated March 1, 1910.

CRUSO.

Nos.	1	2	3	4	5	9	8	11
Per set	$0 60	80	95	1 00	1 40	1 20	1 50	1 75

REV-O-NOC.

Nos.	7	10	12	14
Per set	$1 70	2 00	2 40	2 10
Nos.	15	17	16	18
Per set	$2 60	2 70	3 00	6 90

CROQUET BALLS.

No. 4 .....per dozen $0 80

Page 2220

REVONOC TENNIS RACKETS.

New page dated March 1, 1910.

	Tourna-ment.	Ex-pert.	Duchess.	Van-tage.	Jackson Park.
Nos.					
Each	$5 55	4 80	4 20	4 50	3 60

	Chicago.	River-side.	Washington Park.	Cal-umet.
Nos.				
Each	$3 00	2 70	2 15	1 85

	Cleve-land.	Bucking-ham.	Ster-ling.	Cuo.
Nos.				
Each	$1 75	1 60	1 30	1 10

Page 2221

WRIGHT & DITSON'S TENNIS RACKETS.

New page dated March 1, 1910.

Ward & Wright	each	$7 20
Sutton Star	"	7 20
Pim	"	7 20
Campbell	"	4 20
Sears	"	4 20
Golden Gate	"	3 30
Champion	"	3 35
Longwood	"	2 90
Columbia	"	2 40
Park	"	2 10
Country Club	"	2 10
Hub	"	1 70
Surprise	"	1 20

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TENNIS SUNDRIES.

New page dated March 1, 1910.

TENNIS SETS.

Nos.	3	4	5
Per dozen	$10 80	16 20	22 20

TENNIS BALLS.

Nos.	5	12	1	3	9
Per dozen	$4 80	3 00	4 05	5 10	5 10

RACKET CASES.

No. 1 .....per dozen $4 50
No. 3 ..... " 9 00

RUBBER RACKET HANDLES.

No. 10 .....per dozen $2 10

RATCHET PRESSES.

No. 0 .....each $0 85

TENNIS SHOES.

Nos.	75	80	85	90	95	100
Per pair	$1 50	1 30	1 45	1 25	1 30	1 20

(Continued on Next Page.)

Page

TENNIS NETS.

Nos.	100	106	107	109	110
Per dozen	$8 10	11 50	16 20	13 20	18 70
Nos.	106CB	107CB	109CB	110CB	112DC
Per dozen	$14 60	19 20	16 80	22 80	45 60

NET POLES.

No. 10 .....per dozen pair $10 80
No. 11 ..... " " 16 15
Lawn Tennis Guides.....per dozen $1 00

CENTER STRAPS.

No. 2-0 .....per dozen $9 35
No. 3-0 ..... " 12 95

GUY ROPES, RUNNERS AND PEGS.

No. 1 .....per dozen sets $4 80
No. 2 ..... " " 6 00

TENNIS CENTER IRONS.

No. 0 .....per dozen $6 90

COURT MARKERS.

No. 15 .....per dozen $11 50

TENNIS TAPES.

Double Courts .....per set $3 25
Extra Galvanized Staples.....per hundred $0 50

2223 **REV-O-NOC GOLF CLUBS.**

New page dated March 1, 1910.

Nos.	522	532	521	0521	531
Each	$1 80	1 80	1 80	1 80	1 80
Nos.	0531	731	0741	831	0791
Each	$1 80	1 60	1 60	1 60	1 60
Nos.	841	0751	781	732	733
Each	$1 60	1 60	1 60	1 60	1 80
Nos.	711	801	0801	931	
Each	$1 60	1 60	1 60	1 60	

2224 **GOLF OUTFITS, MARKERS, ETC.**

New page dated March 1, 1910.

GOLF OUTFITS.

Nos.	1	2	4	5	6
Per outfit	$6 90	9 00	12 00	17 10	20 40

HOLE MARKERS.

No. 785 .....each $0 75
No. 784 ..... " 70

HOLE RIMS.

No. 750 .....each $0 26

HOB NAILS.

No. 10 .....per lb. $0 18

GOLF BALL PAINT.

2 oz. cans .....per dozen $6 00

2225 **GOLF BALLS AND CADDY.**

New page dated March 1, 1910.

Golf Balls.

No. G1 Whiz .....per dozen $7 20
No. G2 White Streak..... " 8 40
No. G4 White Flyer..... " 7 20
No. G3 Baby Bramble..... " 8 40
No. G5 Black Diamond..... " 7 20
No. G6—White Diamond ..... " 8 40

Caddy Bags.

Nos.	205½	204	204½	39	18
Each	$3 70	4 80	4 80	4 85	4 75
Nos.	305	305½	131	32	41
Each	$4 95	4 95	1 20	1 70	3 85
Nos.			42	205	38
Each			$3 85	3 70	5 55

2233 **RUGBY FOOTBALLS.**

New page dated Oct. 1, 1907.

Nos.	5X	8S	15	14	15S
Per dozen	$43 20	25 20	18 00	erase	10 80
Nos.	14S	17AS	16AS	15AS	1
Per dozen	$9 50	39 60	26 40	14 40	4 50
Nos.	2	3	4	5	6
Per dozen	$5 35	6 40	7 10	5 30	4 80

Extra Keys—For Nos. 1 to 6....per dozen $0 30
Extra Valves—For Nos. 1 to 6 .. " 1 00

Bladders.

Nos.	1	4	2	6	5
Per dozen	$4 30	4 70	5 50	4 70	5 50

Inflators.

No. 3 .....per dozen $1 95
No. 2 ..... " 6 00

Football Pants.

Nos.	30	32	25	23	20
Per doz. prs.	Erase	21 60	erase	9 60	6 40

Jackets.

No. 2 .....per dozen $9 60
No. 1 ..... " 4 80

Remember that these prices are only approximate and are high r than those ruling at the date of issue.

Page

2234 **REV-O-NOC HEAD HARNESS.**

New page dated Oct. 1, 1907.

Nos.	549B	541L	541M	8
Per dozen	$38 40	25 20	17 30	10 80

Nose Guards.

No. 1 .....per dozen $4 30
No. 10 .....erase

Pads.

Nos.	6S	4S	5E	3E
Per dozen	$6 40	2 40	6 40	2 40

Shoes.

No. 3 .....per dozen $48 00
No. 10 ..... " 38 40

Shin Guards.

Nos.	0	1	2	3	4	5
Per doz.	Erase	10 80	erase	7 20	5 60	4 80

Sweaters.

Erase all Nos. on Sweaters.

2235 **SWEATERS AND BOXING GLOVES.**

New page dated Oct. 1, 1907.

Nos.	914	913	785	900
Per dozen	Erase	39 60	34 35	erase
Nos.	627	623	620	617
Per dozen	$66 00	erase	erase	48 00
Nos.	612	605	601	600	100
Per dozen	Erase	28 80	19 20	erase	14 40

Boxing Gloves.

Nos.	52C	49C	46C	55F	45C	41C
Dz.	$57 60	48 00	39 60	39 60	36 00	28 80
Nos.	40S	19F	16F.	14B	13B	11B
Dz.	$21 60	17 20	14 40	21 60	17 30	12 00

2236 **STRIKING BAGS AND PLATFORMS.**

New page dated Oct. 1, 1907.

Nos.	17B	18B	21B	22B	24B
Per dozen	$39 60	36 00	36 00	29 50	26 40
Nos.	25B	26B	26½	27B	14P
Per dozen	$18 70	16 80	13 90	12 95	50 40
Nos.	15P	16P	64DE	66DE	68DE
Per dozen	$46 80	36 00	30 70	19 70	18 70

Platforms.

Nos.	10P	4	3	24	26
Each	erase	9 90	7 20	erase	erase

Bag Cord and Bladders.

Nos.	5	4	3	2	9	10	11
Dz.	$3 85	erase	2 50	2 00	4 20	4 80	5 30

2237 **BASKET AND INDOOR BASE BALLS.**

New page dated Oct. 1, 1907.

Striking Bag Swivels.

Nos.	5	3	2	1
Per dozen	Erase	5 60	4 00	2 40

Striking Bag Gloves and Bladders.

Nos.	96	93	98	2
Per dozen	$6 35	4 55	Erase	6 60

Basket Balls.

Nos.	11	9	7B	5
Per dozen	$39 60	28 80	21 60	16 50

Basket Ball Goals.

No. 15 .....per pair $3 20

Basket Ball Clothing.

Erase all Nos.

Indoor Base Balls.

Nos.	117	112	114	116	214	216
Per doz.	$11 16	6 40	7 60	11 16	6 40	9 20

Indoor Base Ball Bats.

No. 300 .....per dozen $4 40

Indoor Bases.

Nos.	1	2	3
Per set	$2 40	1 70	75

Indoor Uniforms.

No. 5 .....each $4 40
No. 7 ..... " 3 80

2238 **HOCKEY CLUBS, EXERCISERS, DUMB BELLS, ETC.**

New page dated Oct. 1, 1907.

Hockey and Polo Clubs and Sticks.

Nos.	13	11	14	34	30	26	24
Doz.	Erase	erase	erase	4 60	2 05	1 05	50

Hockey Pucks and Polo Balls.

Nos.			60	55	50
Per dozen			$6 90	erase	erase

Polo Guards.

No. 8 .....per pair Erase
No. 9 ..... " Erase

Whitely Exercisers.

Nos.	3	2	1	0
Per dozen	$46 55	34 25	28 80	19 20
Nos.	00	4		5
Per dozen	$12 00	34 50	per each	$10 35

Page

Maple Dumb Bells.

Pounds	½	¾	1	1½
Per dozen pairs	$1 90	2 30	2 55	2 95
Pounds	2	2½	3	
Per dozen pairs	$3 35	3 80	4 40	

Iron Dumb Bells.

Sizes 1 to 25 lbs.....per 100 lbs. $3 80
Sizes 40 and 50..... " " 5 75

Iron and Rubber Quoits.

Inches	4½	5	5½	6
Per dozen sets	$4 25	6 40	8 50	10 60

Iron Quoit pins .....per dozen pairs $2 05
Rubber Quoits, 5½ in.....per dozen sets 13 80

2239 **INDIAN CLUBS.**

New page dated Oct. 1, 1907.

Pounds	¼	½	¾	1	1½
Per dozen pairs	Erase	1 90	2 30	2 70	3 10
Pounds	2	2½	3	4	5
Per dozen pairs	$3 25	3 95	4 60	6 15	7 70

Club and Bell Hooks.

No. 133 .....per dozen pairs $1 45
No. 134 ..... " " 1 45

Outdoor Hammers.

12 lbs. Iron .....each $2 58
16 lbs. Iron ..... " 2 90
12 lbs. Lead ..... " 3 45
16 lbs. Lead ..... " 3 90

Outdoor Shots.

12 lbs. Iron .....each $1 00
16 lbs. Iron ..... " 1 10
12 lbs. Lead ..... " 1 95
16 lbs. Lead ..... " 2 18

Indoor, Iron, Leather Covered.

12 lbs. .....each $7 00
16 lbs. ..... " 7 50

Vaulting Poles.

Feet	8	9	10	11	12	14
Each	$2 60	2 75	3 00	3 20	3 80	4 30

Horizontal Bars.

Nos.	116	117	118	119	120
Per dozen	$13 70	14 60	15 90	18 00	20 15
Nos.	121	112	113	114	115
Per dozen	$23 05	81 00	90 00	98 50	108 00

No. 12—F. O. B. St. Louis, Mo., only..each $24 00

Parallel Bars.

No. 5—F. O. B. St. Louis, Mo., only...each $32 40

Pulley Weights.

No. 56—F. O. B. St. Louis, Mo., only.each $11 75

Home Gym.

No. 90.....each $4 80

Trapeze and Rings.

No. 89 .....each $2 30
No. 88 ..... " 2 30

Gymnasium Mattresses.

Nos.	500	501	502	503	504
Each	$9 65	18 50	20 25	29 00	43 50
Nos.				505	506
Per sq. ft.				$0 80	95

2240 **GYMNASIUM GOODS.**

New page dated Oct. 1, 1907.

Supporters and Suspensories.

Nos.	562	561S	6	7	340	320	300
Dz.	Erase	5 75	1 90	3 15	erase	2 75	erase

Elastic Bandages.

Erase all Nos.

Trunks and Shirts.

Nos.	305	307	50	24	51	25
Dozen	Erase	erase	12 40	erase	12 40	erase

Tights and Pants.

Nos.	52	26	270	264
Per dozen pairs	$12 40	erase	erase	7 20
Nos.	267	260	348	
Per dozen pairs	Erase	erase	erase	

Shoes.

Nos.	211A	247G	210A
Per dozen pairs	$37 95	24 84	34 50
Nos.	246G	75	85&95
Per dozen pairs	$23 00	11 00	10 35
Nos.	80	90&100	306	314	324
Per doz. pairs	$9 20	8 30	55 20	41 40	32 26

2247 **ROLLER SKATES.**

New page dated March 1, 1910.

Nos.	1926	1925	1924
Per dozen pairs	$32 40	23 04	16 80
Nos.	1928	1927	1923	F1911
Per dozen pairs	$32 40	23 05	16 80	38 90
Nos.	S1911	F1913	S1913	
Per dozen pairs	$38 90	38 90	38 90	

The aim of this book is to give our customers an idea of the actual values that they may take orders for goods not carried in stock.

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ROLLER SKATES AND PARTS.

New page dated March 1, 1910.

Nos.	2280	2380	2282	H1
Per dozen	$5 05	4 70	6 70	28 80

ROLLER SKATE ROLLS.

Nos.	17	12	20	24	13	25
Per 100	$1 30	4 50	1 80	14 40	18 00	15 60
Nos.				16		19
Per 100				$19 20		21 60

EXTRA KEYS.

No. 75 ..... per dozen $$0 50
No. 76 ..... " 30

BARNEY & BERRY SKATE PARTS.

Discount ..... 40 per cent

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CAMERAS.

New page dated March 1, 1910.

Nos.	BB2	1	2	3	23
Each	$2 05	4 60	6 65	7 80	7 10
Carrying cases	1 00	1 55	1 55	1 55	1 55

JUNIOR.

Nos.	F1 Junior.	4	5	6
Each	$6 60	9 80	13 90	17 10	18 40
Carrying cases	$1 30	1 30	1 55	1 55	1 55
Nos.			7	9	10
Each			$23 45	18 40	23 45
Carrying Cases			1 50	150	1 50

No. 9 fitted with No. 1 Goerz anastigmat lens, Series 111, with new automatic shutter, wt. 35 oz. ..... each $63 60

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SENECA CAMERAS.

New page dated March 1, 1910.

No.	S29	S2	SA3	S5
Each	$6 70	8 80	11 20	12 80
No. S7			4x5	5x7
Each			$17 60	23 20
No. S8			4x5	5x7
Each			$20 00	26 40

Page 2253

LENSES AND PLATE HOLDERS.

New page dated March 1, 1910.

Ideal Portrait Lenses ..... discount 40 per cent
Ideal Duplicators ..... " 40 per cent
Ideal Enlarging and Copying Lenses ..... " 40 per cent
Ideal Ray Filters ..... " 40 per cent

SENECA PLATE HOLDERS.

No. 3¼x4¼ & 4x5 ..... each $0 65
No. 5x7 ..... " 80
No. 3¼x5½ in. ..... " 80

ADJUSTABLE PLATE HOLDERS.

Nos.	4x5 & 5x7	6½x8½	8&10
Each	$1 00	1 45	1 70

PLATE KITS.

Discount ..... 40 per cent

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PHOTOGRAPHERS' SUPPLIES.

New page dated March 1, 1910.

Ansco Dry Plate Atachment ..... each $3 60

Seneca Film Pack Adapter.

Sizes	3¼x4¼	4x5 & 3¼x5½	5x7
Each	$0 90	1 15	1 80

Camera Bulbs.

Nos.	0	1	2	3
Each	$0 17	20	30	44

Rubber Tubing.

Red ..... per foot $0 06
White ..... " 07

Metal Tripods.

Nos.	11	12
Each	$2 10	2 50

Sliding Tripods.

Nos.	3	1	2	7
Each	$0 60	1 90	2 50	3 60

Page 2255

PAPERS, PLATES AND FILMS.

New page dated March 1, 1910.

Entire page ..... discount 40 per cent

Page 2256

PHOTOGRAPHIC SUPPLIES.

New page dated March 1, 1910.

Developing Powders.

Nos. 1 to 6 ..... each $0 17
No. 8 ..... " 30

M. Q. Outfits.

Outfit complete ..... each $0 25

Antifriction Developers.

No. 12 ..... each $0 20

Rev-o-noc Developers.

No. 2 ..... each $0 18

H. S. & B. Co.'s Acid Hypo.

Nos.	1	2	3
Each	$0 07	12	20

H. S. & B. Co.'s Hypo.

5 ..... each $0 05

Sepaline.

No. 8 ..... each $0 35

Page

Neg-Dry.

Neg-Dry ..... per bottle $0 25

Page 2257

PHOTOGRAPHIC SUPPLIES.

New page dated March 1, 1910.

Rev-o-noc Toning Solution.

No. 2 ..... each $0 10

Toning and Fixing Tubes.

No. 2 ..... each $0 20

Reducing Powders.

No. 10 ..... each $0 18

Cyanine Blue Print Powders.

No. 1—1 oz. ..... each $0 15
No. 4—4 oz. ..... " 40

Soline.

No. 12 ..... each $0 40
No. 18 ..... " 1 25
No. 20 ..... " 2 15

Polishing Solution.

No. 13 ..... each $0 09

Restraining Tablets.

No. 17 ..... each $0 09

Intensine.

No. 19 ..... each $0 18

Diamond Spotting Colors.

No. 1 ..... each $0 13

Luxo Flash-Light Powders.

½ oz. boxes ..... each $0 30
4 oz. boxes ..... " 1 00

Luxo Flash Cartridges.

No. 1—Small size ..... per package $0 20
No. 2—Large size ..... " 30

Page 2258S

PHOTOGRAPHIC OUTFITS, WASH BOXES, ETC.

New page dated March 1, 1910.

Developing and Printing Outfits.

Nos.	1	2	3
Each	$0 95	1 45	1 80

Focusing Cloths.

No. 5 ..... each $0 35

Ingento Developing Tanks.

Sizes, in.	3¼x4¼	3¼x5½	4x5
Each	$2 05	2 05	2 05
Sizes, 5x7 in.			each $3 00
Sizes 8x10 in.			" 5 10

For Developing and Washing.

Sizes, in.	3¼x4¼	4x5	5x7	8x10
Each	$1 05	1 05	1 50	2 10

Ingento Print Washers.

No. 1 ..... each $1 20
No. 2 ..... " 1 70

Adjustable Wash Boxes.

No. 2 ..... each $1 20

Page 2259

PHOTOGRAPHIC SUPPLIES.

New page dated March 1, 1910.

Electrose Trays.

Sizes, in.	4x5 3-16	5½x8½	7x9	8½x10½
Each	$0 09	18	30	35

Ideal Hard Rubber Trays.

Size 4¼x5¼ in. ..... each $0 45
Size, 5¼x7¼ in. ..... " 55

Electrose Fixing Boxes.

No. 1 ..... each $0 90
No. 3 ..... " 1 35

Negative Drying Racks.

No. 1 ..... each $0 12

Photographic Paste.

No. 846G ..... per dozen $0 45
No. 844G ..... " 95

Ideal Flash Guns.

No. 1 ..... each $1 15

Barclay Graduates.

4 oz. bottles ..... per dozen $2 10
8 oz. bottles ..... " 3 35
16 oz. bottles ..... " 4 80

Tumbler Graduates.

4 oz. ..... per dozen $0 70
8 oz. ..... " 1 00
16 oz. ..... " 1 80

Funnels.

Handy ..... per dozen $1 10

Hydrometers.

No. 8 ..... each $0 25

Page 2260

PHOTOGRAPHIC SUPPLIES.

New page dated March 1, 1910.

Print Frames.

3¼x4¼ in. ..... each $0 30
4x5 in. ..... " 35
5x7 in. ..... " 45

Page

Amateur.

Sizes, in.	3½x3½	3¼x4¼	4x5
Each	$0 20	20	20
Sizes, in.	3¼x5½	3¾x6	5x7
Each	$0 24	24	26

Trimming Boards.

No. 6½, in. ..... each $1 20
No. 8½, in. ..... " 1 60
No. 1 ..... " 40

Rubber Print Rollers.

No. 4, in. ..... each $0 15
No. 6, in. ..... " 25

Push Pins.

No. 5G ..... per dozen $0 17

Ruby Oil Lamps.

No. 1G ..... each $0 40
No. 2G ..... " 75
Extra Ruby or Orange Glasses for No. 1 ..... each $0 10
Extra Ruby or Orange Glasses for No. 2 ..... " 11

Plate Brushes.

2G ..... each $0 35

Ferrotype Plates.

No. 10x14 in. ..... per dozen $2 15

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PHOTOGRAPHIC SUPPLIES.

New page dated March 1, 1910.

Collins' Post Card Mounts.

Nos.	874	876	892	896
Per 100	$0 55	70	1 40	75
Nos.	958XD	958XE	958XG	958XJ
Per gross	$1 25	1 45	1 50	2 40
Nos.	641A	641B	641C	641D
Per 100	$0 70	90	90	1 40
Nos.	XD	XG	XJ	842A	842B
Per 100	$0 70	90	1 50	80	1 40

Sub Mounts.

All sizes ..... per dozen $2 40
All sizes ..... per box 6 50

Art Corners.

Per dozen packages $0 95
Per box 3 60

Page 2262

PHOTOGRAPH SUPPLIES.

New page dated March 1, 1910.

Flexible Albums.

Discount ..... 40 per cent

Negative Boxes.

Nos.	3¼x4¼	4x5	5x7, in.
Each	$0 95	95	1 20

Transparent Negative Preservers.

Discount ..... 40 per cent

Negative Preservers.

Discount ..... 40 per cent

Ruby, Orange and Ground Glass.

Discount ..... 40 per cent

Pure Rubber Finger Tips.

Discount ..... 10 per cent

Manning's Masks.

Discount ..... 40 per cent

Transparent Water Colors.

Discount ..... 40 per cent

Page 2262A

POST CARD PROJECTORS.

New page dated March 1, 1910.

Entire page ..... discount 40 per cent

Page 2263

TALKING MACHINES.

New page dated March 1, 1910.

Nos.	10	25	40	55
Each	$16 20	18 00	28 80	36 00

Page 2264

TALKING MACHINES.

New page dated March 1, 1910.

Giving description of Climax Talking Machine.

Page 2265

Talking Machine Records, Cases, Cabinets, Etc.

New page dated March 1, 1910.

Records.

Climax ..... each $0 40

Record Cleaners.

Dustoff ..... per dozen $1 20

Talking Machine Needles.

"Renovoc" ..... per hundred $0 07
"Renovoc" ..... per thousand 50
Fibre Needles—Large B. & H. per thousand $3 35
Fibre Needles—Small B. & H. " 3 60

Needle Boxes.

No. 101 ..... each $9 60

Wood Horns.

Nos.	50	51	52	53
Each	$10 80	10 80	14 40	36 00

Disc Record Cabinets.

Nos.	717	780	782
Each	$6 90	12 00	14 40

Disc Record Cases.

No. 11 ..... each $1 90

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page 2266

FIELD AND MARINE GLASSES.

New page dated March 1, 1909.

No. 1250.				
Lignes	19	21	24	26
Each	$5 60	5 95	6 60	6 90
No. 1231.				
Lignes	21	24	26	
Each	$8 40	9 65	11 00	
No. 1100.				
Lignes	19	21	24	26
Each	$11 50	12 60	14 40	15 40
No. 1100B.				
Lignes	21	24		
Each	$17 40	20 00		
No. 1216.				
Lignes	21	24		
Each	$16 25	20 00		

STENTOR MEGAPHONES.

Nos.	1	2	2½	3	5	7
Each	$1 50	2 60	3 05	3 55	6 10	10 10
Tackle	each $0 80					
Stand for Nos. 3, 5 and 7	" 2 60					
Nos.	11	12				
Each	$3 05	8 15				
No. 25—Junior, 12 in.	per 100 $23 00					
No. 30—Junior, 15 in.	" 43 70					

RUBBER BALLS.

SOLID.

Nos.	5	10	15	
Per dozen	$0 48	65	1 20	

HOLLOW.

Nos.	105	110	205	210	215
Per dozen	$0 48	90	1 30	1 90	3 10

MARBLES.

Nos.			11	12	101	102
Per 1000			$0 32	37	37	56
Nos.	103	105	106	104	122	123
Per 1000	$0 85	1 85	2 50	1 25	1 15	1 50
Nos.			124	131	132	133
Per 1000			$2 15	65	95	1 25
Nos.			134	135	136	142
Per 1000			$1 70	2 45	3 50	3 65
Nos.			143	144	145	146
Per 1000			$4 20	5 70	9 10	12 85
Nos.			151	153	154	164
Per 1000			$3 90	6 55	9 30	9 30
Nos.			165	167	171	172
Per 1000			$9 30	15 50	3 55	4 25
Nos.			173	1141	1001	1002
Per 1000			$5 70	8 70	5 30	9 05
Nos.				1003	1121	1122
Per 1000				$12 75	13 60	18 15

2273 **REV-O-NOC HAMMOCKS.**

New page dated March 1, 1910.

Nos.	0081	0101	0111½	0121
Per dozen	$9 50	12 00	12 60	14 40
Nos.	0102	0122	0152	0111
Per dozen	$12 00	14 40	16 80	13 45
Nos.	0131	0131½	0151	0161
Per dozen	$16 80	16 80	19 20	19 20

2274 **REV-O-NOC HAMMOCKS.**

New page dated March 1, 1910.

Nos.	0154	0162	0181	0201	0191
Per dozen	$16 20	18 25	21 60	24 00	24 00
Nos.	0192	0201½	0211	0221	
Per dozen	$22 10	21 60	24 00	26 40	
Nos.	0241	0252	0251	0241	
Per dozen	$28 80	28 80	28 80	28 80	

2275 **REV-O-NOC HAMMOCKS.**

New page dated March 1, 1910.

Nos.	0261	0271	0301	0291	0311
Per dozen	$29 20	29 20	33 60	36 00	36 00
Nos.	0322	0361	0341	0401	0391	0441
Per doz.	$38 40	43 20	40 80	48 00	48 00	52 80

2276 **REV-O-NOC HAMMOCKS.**

New page dated March 1, 1910.

Nos.	0442	0481	0502	0561	0601
Per dozen	$52 80	57 60	60 00	67 20	72 00
Nos.	0641	0681	0671	0691	059
Per dozen	$76 80	81 60	81 60	81 60	33 60

2277 **HAMMOCKS AND HAMMOCK COUCHES.**

New page dated March 1, 1910.

Nos.	0364	0404	020	030	059
Per dozen	$43 20	48 00	43 20	14 40	19 20
Nos.	044	A7	B7	P7	
Per dozen	$27 60	6 75	7 20	8 50	
Hammock port	each $8 10				

2278 **HAMMOCK SUNDRIES.**

New page dated March 1, 1910.

HAMMOCK STANDS.

Nos.	40	51	52
Per dozen	$31 80	43 20	106 80

HAMMOCK HOOKS.

Nos.	98G	100G	94G	
Per dozen	$0 35	40	35	
Nos.	96G	A1G	268G	258G
Per dozen	$0 40	90	1 50	1 70

HAMMOCK ROPES.

No. 84 ..... per dozen $1 32

HAMMOCK CHAINS.

Nos.	83	86	89
Per dozen pairs	$3 00	5 50	9 00

FOLDING BENCHES.

Nos.	0G	1G	2G
Per dozen	$10 50	12 00	14 40

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CHAIRS AND SETTEES.

New page dated March 1, 1909.

RECLINING CHAIRS.

Nos.	11	12	32	77	74	72
Per dozen	$9 60	12 25	14 40	19 20	39 60	39 60

PORCH ROCKERS.

No. 110 ..... per dozen $24 00

YACHT CHAIRS.

No. 300 ..... per dozen	$22 40
No. 301	34 25

SETTEES.

Nos.	60	61	62
Each	$3 10	3 60	3 95

2280 **FOLDING TABLES, COTS, ETC.**

New page dated March 1, 1909.

FOLDING TABLES.

Nos.	40	48
Per dozen	$10 20	33 60

FOLDING COTS.

Nos.	42	29	41
Per dozen	$19 95	15 40	28 50
No. 10	each $7 20		

FOLDING STOOLS.

Nos.	30	35	33	36
Per dozen	$3 00	4 25	2 75	6 40

2281 **FOLDING CHAIRS AND LAWN SWINGS.**

New page dated March 1, 1909.

FOLDING CHAIRS.

Nos.	7	8	9	10
Per dozen	$4 50	6 00	7 80	9 85

Porch Swings.

No. 220 ..... each	$5 00
No. 226 ..... "	6 60

Lawn Swings.

F. O. B. Anniston, Ala.

No. 30 ..... each $3 60

F. O. B. Hopkinsville, Ky.

No. 35 ..... each $5 70

F. O. B. Kansas City, Mo.

No. 36 ..... each $6 00

2282 **LAWN SWINGS.**

New page dated March 1, 1909.

No. 0 ..... each $5 10

F. O. B. Goshen, Ind.

Nos.	1	2	3	4
Each	$4 20	5 35	6 85	12 00

F. O. B. Kalamazoo, Mich.

Nos.	66	65	67
Each	$6 30	7 80	15 00

F. O. B. Batavia, Ill.

No. 25 ..... each	$11 40
No. 20 ..... "	10 20

F. O. B. Goshen, Ind.

No. 60 ..... each $11 70

F. O. B. Alton, Ill.

No. 70 ..... each	$10 20
Canopies ..... each	$2 40
Fan Attachments ..... "	2 40
Hammock Attachments ..... "	2 40

2283 **ADJUSTABLE AWNINGS AND CURTAINS.**

New page dated March 1, 1910.

Entire page ..... discount 40 per cent

2284 **UNITED STATES FLAGS.**

New page dated March 1, 1910.

WOOL BUNTING.

All sizes ..... discount 40 per cent.

SEWED COTTON BUNTING.

Sizes 2x3 to 8x18 inclusive.. ..... discount 40 per cent.

COTTON BUNTING.

Other sizes ..... discount 40 per cent.

STANDARD WOOL BUNTING.

Discount ..... 40 per cent.

EASYPUT FLAGS AND DECORATION SETS.

Sizes—In.	7x10	8x12	10x15	12x18
Per dozen	$2 40	3 00	4 20	erase
Size 16x24 in silk	erase			
Size 16x24 in cotton	erase			

DECORATION SETS.

Nos.	18	20
Per dozen sets	$3 00	4 20

PENNANTS.

Sizes	6x24	12x24	9x36	15x36
Per dozen	$2 50	4 10	5 10	6 35
No. 0—18x36 in. ..... per dozen				$6 30

2285 **FRENCH BRIAR PIPES.**

New page dated March 1, 1910.

Per dozen	$2 70	2 70	2 70	2 70	2 70	2 70
Nos.	1758	1757	1519	1508	1633	911
Nos.	1736B	1945	1202	1281	971	1290
Per dozen	$2 70	2 70	2 70	2 70	3 15	3 60
Nos.	1289	1761	1760	1312	1331	
Per dozen	$3 60	4 25	4 50	4 50	5 40	

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FRENCH BRIAR PIPES.

New page dated March 1, 1910.

Nos.	935	991	1604	9014	9017	9099
Per dozen	Erase	5 40	5 40	6 30	6 30	6 30
Nos.	5008	2633	2502	2641	2927	2563
Per dozen	$6 30	10 80	10 80	10 80	12 60	13 50
Nos.	2963½	3656	3745	3624		3776
Per dozen	$14 40	27 00	29 70	32 40		32 40

2287 **FRENCH BRIAR PIPES.**

New page dated March 1, 1910.

Nos.	3770	3765	3738	3651
Per dozen	$32 40	35 10	35 10	35 10
Nos.	3881	3294	3753	3781
Per dozen	$37 80	40 50	54 00	59 40

2303 **BICYCLES.**

New page dated March 1, 1910.

"O. V. B." Hibbard, stripped ..... each		$17 30
"O. V. B." Hibbard, equipped (except tires)	"	20 70
"O. V. B." Hibbard, equipped with Rev-o-noc S. T. Tires	"	26 25
"O. V. B." Hibbard, equipped with Rev-o-noc Red S. T. Tires	"	26 85
"O. V. B." Hibbard, equipped with G. & J. Pattern Tires	"	31 55
"O. V. B." Hibbard, equipped with M. & W. D. T. Tires	"	30 00
Coaster Brake, Corbin, New Departure, Morrow or Eclipse ..... extra	"	4 05
Coaster Brake, New Atherton	" "	3 45
Mud Guards	" "	1 45

2304 **MEN'S REV-O-NOC BICYCLES.**

New page dated March 1, 1910.

Rev-o-noc, stripped ..... each		$15 00
Rev-o-noc, equipped (except tires) ..	"	18 15
Rev-o-noc, equipped with Rev-o-noc S. T. Tires	"	22 50
Rev-o-noc, equipped with M. & W. D. T. Tires	"	25 60
Rev-o-noc, equipped with G. & J. Pattern Tires	"	24 65
Coaster Brake, Corbin, New Departure, Morrow or Eclipse ..... extra	"	4 05
Coaster Brake, New Atherton ..	" "	3 45
Mud Guards	" "	1 25

2305 **LADIES' REV-O-NOC BICYCLES.**

New page dated March 1, 1910.

Lady Rev-o-noc, stripped ..... each		$16 00
Lady Rev-o-noc, equipped (except tires)	"	19 15
Lady Rev-o-noc, equipped with Rev-o-noc S. T. Tires	"	23 50
Lady Rev-o-noc, equipped with G. & J. Pattern Tires	"	26 60
Lady Rev-o-noc, equipped with M. & W. D. T. Tires	"	25 65
Coaster Brake, Corbin, New Departure, Morrow or Eclipse ..... extra	"	4 05
Coaster Brake, New Atherton ..	" "	3 45

2306 **"REV-O-NOC" TRUSS FRAME BICYCLES**

New page dated March 1, 1910.

Rev-o-noc Truss Frame, stripped .. each		$17 50
Rev-o-noc Truss Frame (except Tires)	"	20 65
Rev-o-noc Truss Frame, equipped with Rev-o-noc S. T. Tires	"	24 70
Rev-o-noc Truss Frame, equipped with S. T. Tires	"	24 70
Rev-o-noc Truss Frame, equipped with Rev-o-noc S. T. Red Tires.	"	25 00
Rev-o-noc Truss Frame, equipped with G. & J. Pattern Tires	"	28 15
Rev-o-noc Truss Frame, equipped with M. & W. D. T. Tires	"	27 20
Coaster Brake, Corbin, New Departure, Morrow or Eclipse ..... extra	"	4 05
Coaster Brake, New Atherton.	" "	3 45
Mud Guards	" "	1 25

2307 **CRUSO BICYCLES.**

New page dated March 1, 1910.

MEN'S.

Cruso, stripped ..... each		$11 90
Cruso, equipped (except Tires) ...	"	13 75
Cruso, equipped with Royal Tires.	"	16 25
Cruso, equipped with Rev-o-noc S. T. Tires	"	17 50
Cruso, equipped with Rev-o-noc Red Tires	"	17 80
Cruso, equipped with G. & J. Tires.	"	20 95
Mud Guards ..... extra	"	1 25
Coaster Brake, Corbin, New Departure, Morrow or Eclipse ..... extra	"	4 05
Coaster Brake, New Atherton ..	" "	3 45

LADIES'.

Cruso, stripped ..... each		$12 90
Cruso, equipped (except Tires)	"	14 75
Cruso, equipped with Royal Tires..	"	17 25
Cruso, equipped with Rev-o-noc, S. T. Tires	"	18 50
Cruso, equipped with Rev-o-noc Red Tires	"	18 80
Cruso, equipped with G. & J. Tires..	"	21 95
Coaster Brake, Corbin, New Departure, Morrow or Eclipse ..... extra	"	4 05
Coaster Brake, New Atherton.	" "	3 45

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

2308 BOYS' REV-O-NOC BICYCLES.

New page dated March 1, 1910.

Boys' Rev-o-noc 16-in. Frame, Royal Tires	each	$17 50
Boys' Rev-o-noc 16-in. Frame, Rev-o-noc Tires	"	18 45
Boys' Rev-o-noc 16-in. frame, Rev-o-noc, Red Tires	"	18 75
Boys' Rev-o-noc 18-in. Frame, Royal Tires	"	17 60
Boys' Rev-o-noc 18-in. Frame, Rev-o-noc Tires	"	19 05
Boys' Rev-o-noc 18-in. frame, Rev-o-noc Red Tires	"	19 40
Boys' Rev-o-noc, equipped with Corbin Brake	extra "	4 05
Boys' Rev-o-noc, equipped with New Atherton Coaster Brake	extra "	3 45

2308A GIRLS' REV-O-NOC BICYCLES.

New page dated March 1, 1910.

Girls' Rev-o-noc 16-in. Frame, Royal Tires	each	$18 00
Girls' Rev-o-noc 16-in. Frame, Rev-o-noc Tires	"	18 95
Girls' Rev-o-noc 16-in. frame, Rev-o-noc Red Tires	"	19 25
Girls' Rev-o-noc 18-in. Frame, Royal Tires	"	18 10
Girls' Rev-o-noc 18-in. Frame, Rev-o-noc-Tires	"	19 55
Girls' Rev-o-noc 18-in. frame, Rev-o-noc Red Tires	"	19 90
Coaster Brakes, Corbin	extra "	4 05
Coaster Brake, New Atherton	" "	3 45
Atherton Coaster Brake	" "	3 45
Mud Guards	" "	60

2308B BICYCLES.

New page dated March 1, 1910.

Showing the way ours are made.

2309 BICYCLE SADDLES.

New page dated March 1, 1909.

"O. V. B."

Nos.	12	14	17	18
Each	$0 90	1 20	1 20	1 50

REV-O-NOC.

Nos.	72	28	24	24C	25	75	6
Each	$0 55	80	85	90	85	95	1 20

CRUSO.

Nos.	15	16
Each	$0 60	70

PERSON'S.

Nos.	100	101	102	103	104
Each	$1 20	erase	erase	1 50	1 70
Nos.	105	106	300	301	
Each	Erase	1 85	3 00	3 60	

2310 SADDLES, HANDLE BARS, ETC.

New page dated March 1, 1909.

TROXEL SADDLES.

Nos.	200	201	202	203	204	205
Each	$1 20	erase	1 50	1 60	2 00	3 60

SEAT POSTS.

No. 74X ..... per dozen $3 60

SADDLE CLAMPS.

Nos.	5G	7G
Per dozen	$0 85	3 60

SADDLE SPRINGS.

Nos.	AG	BG	CG	EG
Per dozen	$0 85	1 10	4 20	2 70

HANDLE BARS.

Nos.	458X	758X	45	658X
Each	$0 65	65	35	70
Nos.	65	858X	608X	618X
Each	$0 40	90	1 40	1 50

HAND GRIPS.

Nos.	24	26	27	29
Per dozen pairs	70	85	1 00	1 80
New list	$1 20	1 44	1 68	3 00

2311 BICYCLE LAMPS.

New page dated March 1, 1909.

Nos.	210	260	212	216	220
Each	$0 85	1 20	1 45	1 40	1 70
Nos.	230G	217	217B	218	264
Each	$2 10	2 20	3 00	2 70	4 50

2312 BICYCLE LAMPS, CARBIDE, ETC.

New page dated March 1, 1909.

GAS LAMPS.

No. 222 ..... each $2 50

LAMP BRACKETS.

No. 9G ..... per dozen $2 10

CARBIDE.

2 pound cans	per can	$0 20
2 pound cans	per case	4 40
10 pound cans	per can	85
10 pound cans	per case	4 70
100 pound drums	per drum	4 80

Page

CARBOLITE.

Erase all sizes.

CARBIDE BURNERS.

No. 2 ..... per dozen $0 70

LIQUID PISTOLS.

Nos.	5G	1G	3G	2G
Per dozen	$2 70	4 80	4 80	55

TOOL BAGS.

Nos.	9	10G	10P	20G	20P	60P	60G
Per dozen	$2 40	4 30	3 40	5 05	3 30	3 30	5 05

TROUSER GUARDS.

Nos.	11	21	22	25
Per dozen pairs	$0 20	20	60	1 60

2313 BICYCLE BELLS, WHISTLES, ETC.

New page dated March 1, 1909.

BICYCLE BELLS.

Nos.	125	135	25	35	45	140	150
Per dozen	$1 50	1 70	2 20	2 75	2 10	2 80	2 80
Nos.	65	70	90	E5	35C	B6	
Per dozen	$4 50	3 40	5 70	erase	erase	erase	

WHISTLES.

Nos.	72	16	12	11
Per dozen	$1 55	1 95	1 80	2 05

HORNS.

Nos.	11G	22G	2G
Per dozen	$3 60	5 75	11 50

2314 COASTER BRAKES, CHAINS, ETC.

New page dated March 1, 1909.

COASTER BRAKES.

Nos.	16	18	6	12	5	4	1
Ea.	$3 10	3 10	3 70	3 70	3 70	3 75	3 75

HUBS.

Nos.	16	26	1	2	3	4
Each	$0 65	1 20	40	70	70	1 10

HUB CLEANING STRAPS.

No. 10 ..... per dozen $0 40

AXLES AND AXLE SETS.

Nos.	10	15	1	2
Each	$0 35	35	1 50	1 50

BICYCLE CHAINS.

Nos.	5G	9	29	31	45
Each	$0 65	60	80	90	1 50

Repair Links.

No. 1G	per dozen boxes	$0 85
No. 2G	" "	85

2315 BICYCLE PEDALS, TOE CLIPS, ETC.

New page dated March 1, 1909.

BICYCLE PEDALS.

Nos.	0	0C	5	6	1	1C	2J	2JC
Per pair	$0 35	50	55	65	60	70	60	70
Nos.	2B	2BC	2½B	4R	3S	3SC	3½S	
Per pair	$0 70	85	85	85	85	90	90	

TOE CLIPS.

Nos.	1	7	3	6	2	8
Doz. pairs	$0 90	1 05	1 30	1 50	1 50	2 40

No. 14—Pedal Rubbers ..... per dozen sets $2 40

2316 TIRE PUMPS AND SUNDRIES.

New page dated March 1, 1909.

TIRE PUMPS.

Nos.	1G	00G	03G	12G	0G	3G
Per dozen	$1 25	3 25	3 15	3 10	3 70	3 90
Nos.	2G	9G	14G	01G	11G	
Per dozen	$4 10	4 80	erase	5 10	6 90	
Nos.	19G	7G	15G	35G	23G	
Per dozen	$13 20	14 40	43 20	3 90	90	

TIRE PUMP TUBING.

Inches	⅛	3-16	¼	⅝
Per foot	$0 04½	05	09	09

PUMP COUPLINGS.

Nos.	K1G	K3	30
Per dozen	$0 20	50	1 20

PUMP HOSE.

Nos.	24G	12G	18G
Per dozen	$0 35	1 05	1 20

PUMP LEATHERS.

Sizes	1½	1¼	1⅛	1	⅞
Per dozen	$0 25	20	18	15	12

2317 LUGGAGE CARRIERS, CHILDREN'S SEATS, ETC.

New page dated March 1, 1909.

LUGGAGE CARRIERS.

Nos.	1	2	3	200	300	80	81
Per dozen	$3 10	4 60	6 20	7 30	9 30	7 20	7 20

CHILDREN'S SEATS.

Nos.	Fairy	Brownie
Each	$0 95	1 60

EXHIBITION STANDS.

Nos.	697	784
Each	$0 65	2 70

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CHAIN GUARDS.

No. 15 ..... each $0 50

GUARD LACING.

Nos.	201	202	216	215
Per dozen	$0 80	80	80	80

MUD GUARDS.

Nos.	50	55
Each	$0 20	25

No. 6 ..... per dozen $1 20

2318 SINGLE TUBE BICYCLE TIRES.

New page dated March 1, 1909.

REV-O-NOC, GRAY.

24x1⅜ in.	per pair	$1 20
26x1½ in.	"	4 50
28x1½ in.	"	5 10

REV-O-NOC, RED.

24x1⅜ in.	per pair	$4 80
26x1½ in.	"	5 10
28x1½ in.	"	5 40

XMOR.

28x1½ or 1⅝ in. ..... per pair Erase

RARITAN.

28x1½ or 1⅝ in. ..... per pair Erase

WABASH.

20x1¼ in.	per pair	$3 40
24x1⅜ in.	"	3 60
26x1½ in.	"	3 90
28x1½ or 1⅝ in.	"	4 20

ROYAL.

24x1⅜ in.	per pair	$2 70
26x1½ in.	"	2 70
28x1½ or 1⅝ in.	"	2 70

PALMER.

28x1⅜, 1½ or 1⅝ in. ..... per pair Erase

HARTFORD.

Nos.	80	77	77H
28x1½ or 1⅝ in.	$7 20	6 60	8 10
Nos.	70 Thick Tread		50
28x1½ or 1⅝ in. per pair	$6 00	6 00	5 40

DUNLOP STANDARD ROAD.

Cases	each	$3 00
Tubes	"	1 50
Tires	per pair	9 10

DUNLOP HEAVY TREAD.

Cases	each	$3 40
Tubes	"	1 50
Tires	per pair	9 90

GENUINE G. & J. STANDARD ROAD.

Cases	each	$2 95
Tubes	"	1 25
Tires	per pair	8 40

GENUINE G & J. HEAVY TREAD.

Cases	each	$3 25
Tubes	"	1 25
Tires	per pair	9 00

G. & J. PATTERN GRAY.

Cases	each	$2 45
Tubes	"	1 15
Tires	per pair	7 20

G. & J. PATTERN RED.

Cases	each	$2 65
Tubes	"	1 15
Tires	per pair	7 50

MILWAUKEE PUNCTURE PROOF.

28x1½ or 1⅝ in. ..... per pair $7 20

M. & W. SINGLE TUBE.

Juvenile, 24x1½ in.	per pair	$5 15
Standard, 26-28, 1¾, 1½, 1⅝ in.	"	5 77
Standard, 26-28x1¾ in.	"	6 40
Cataplaro, 26-28x1½, 1⅝ in.	"	6 40
Cataplaro, 26-28x1¾ in.	"	6 40

2319 BICYCLE TIRES, PATCHES, ETC.

New page dated March 1, 1909.

M. & W. DOUBLE TUBE.

14 to 24 in.	per pair	$5 15
26-28 in., 1⅜, 1½, 1⅝ in.	"	6 00
26-28 in., 1¾ in.	"	7 45
30 in., 1⅜, 1½, 1⅝ in.	"	6 25
30 in., 1¾ in.	"	7 80
Cataplaro, 26-28 in., 1½, 1⅝ in.	"	6 70
Cataplaro, 26-28x1¾ in.	"	8 10
Cataplaro, 30x1¾ in.	"	8 40

M. & W. OUTER CASINGS.

14 to 24x1½ in.	each	$1 85
26 and 28x1⅜, 1½ or 1⅝ in.	"	2 05
30x1⅜, 1½ or 1⅝ in.	"	2 20
26 and 28x1¾ in.	"	2 60
30x1¾ in.	"	2 75

CATAPLARO.

Outer Casings.

26 and 28x1½ or 1⅝ in.	each	$2 40
26 and 28x1¾ in.	"	2 95
30x1½ or 1⅝ in.	"	2 55
30x1¾ in.	"	3 05

(Continued on Next Page.)

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INNER TUBES.

REV-O-NOC.

No. 1 .....per dozen $10 20
No. 5 ..... " 11 20
No. 10 ..... " 11 50

EXMOR.

No. 2—Quality .....per dozen $8 40

M. & W. NO. 1 QUALITY.

14 to 24x1½ in.....per dozen $10 80
26 and 28x1⅝, 1½ or 1⅝ in.. " 12 05
26 and 28x1¾ in..... " 14 10
30x1⅝, 1½ or 1⅝ in..... " 12 50
30x1¾ in. ..... " 14 75

M. & W. NO. 2 QUALITY.

20 to 24x1½ in.....per dozen $10 10
26 and 28x1⅝, 1½ or 1⅝ in.. " 10 60
26, 28 and 30x1¾ in..... " 12 30
30x1⅝, 1½ or 1⅝ in..... " 14 20

TIRE LACING.

No. 1 .....per dozen $0 50
No. 2 .....per pound 95
No. 3 ..... " 90

LACING NEEDLES.

No. 4G .....per dozen $0 07

SOAPSTONE.

1 pound boxes .....each $0 06

TIRE PATCHES.

No. 5 .....per 100 $0 30
No. 5 .....per 1000 2 40

PATCHING RUBBER.

No. 4 .....per ounce $0 30

TIRE TAPE.

Nos.	10	15	1	2	3
Per pound	$0 30	30	35	40	40

INJECTORS.

No. 74 .....per dozen $1 80

RUBBER PLUGS.

Nos.	101	102	103
Per hundred	$0 65	70	1 20
Nos.	119	120	123
Per hundred	$0 60	85	1 10
Nos.	124	126	130
Per hundred	$1 90	2 40	3 25

2320 **REPAIR TOOLS, WHEELS, ETC.**

New page dated March 1, 1909.

REPAIR TOOLS.

Nos.	70	G	100	91	92	93	90
Per dozen	$0 55	95	3 60	70	70	70	1 10

TIRE VALVES.

Nos.	10	12	4	3	8	13
Per dozen	$0 30	65	30	30	25	1 10
Nos.	99-1	99-2	99-4	56		
Per dozen	$0 30	10	12	18		
Nos.	8		9	15		
Per dozen	$1 45		2 10	erase		

WHEELS.

Nos.	120	121	122	123	124
Each	$1 35	1 70	1 50	2 10	1 50
Nos.	125	126	127	128	129
Each	$1 60	1 70	2 30	4 80	4 90

WOOD RIMS.

Nos.	29	11
Per pair	$1 20	90

2321 **PADLOCKS, CYCLOMETERS, ETC.**

New page dated March 1, 1909.

REPAIR HANGERS.

No. 2 .....each $2 70

REPAIR FORKS.

No. 5 .....each $0 95

NIPPLE WRENCHES.

Nos.	01G	2G	0G	1G
Per dozen	$0 90	1 20	4 80	5 10

REPAIRERS' TAGS.

No. 15 .....per box $1 50

PADLOCKS.

Nos.	684JG	674JG	672JG
Per dozen	$1 40	1 40	1 45
Nos.	671½JG	684½JG	684½N
Per dozen	$2 90	2 90	2 80

CYCLOMETERS.

Nos.	6	16
Per dozen	$8 10	18 00

2322 **BICYCLE PARTS.**

New page dated March 1, 1909.

Price List of Parts.

Discount .....20 per cent

SPOKES.

Nos.	2	6	10
Per 100	$0 95	90	1 20

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NIPPLES AND NIPPLE WASHERS.

Nos.	26	2
Per 100	$0 35	06

CONES.

Nos.	40	41	42	43	44	45	46
Per doz.	$2 15	2 15	80	80	2 15	2 15	2 15

STEEL BALLS.

Diameter	⅛	5-32	3-16	7-32	¼	9-32
Per M.	$1 05	1 40	1 50	1 90	2 20	4 20
Per 100	$0 14	18	20	26	30	55
Diameter	5-16	⅜	7-16	½	⅝	¾
Per M.	$4 20	6 60	12 00	15 00	18 60	33 00
Per 100	55	75	1 35	1 70	2 15	3 60

NICKEL PLATED NUTS AND WASHERS.

Nos.	4	5	6	14	15	16
Per 100	$1 50	1 55	1 80	45	45	45

CHAIN ADJUSTERS.

No. 60 .....per dozen pairs $0 60

CRANK KEYES.

No. 10 .....per 100 $2 70

CRANK REPAIR TIPS.

No. 50 .....each $0 15

2323 **CEMENTS, RUBBER SOLUTIONS, ETC.**

New page dated March 1, 1909.

LIQUID RIM CEMENT.

Nos.	22	24	25½	25	26	27
Per dozen	$0 25	30	60	60	90	1 40
Nos.	28		29	111	114	115
Per dozen	$2 40		4 50	30	90	1 55

HARD TIRE CEMENT.

Nos.	109	10
Per dozen	$0 90	2 50

LIQUID RIM SHELLAC.

Nos.	301	302	303	304
Per dozen	$1 40	6 90	11 70	2 60

REPAIR CEMENT.

Nos.	1	2	4	5	6	6½	7
Per dozen	$0 20	25	30	65	85	1 45	2 70

RUBBER SOLUTION.

Nos.	121	124	125	126
Per dozen	$0 35	90	1 50	2 90

PLUGTIGHT SOLUTION.

Nos.	86	88
Per dozen	$0 65	70

TIRE FLUID.

Nos.	400	402	404
Per dozen	$2 15	erase	3 60
Nos.	406		408
Each	$3 00		10 50

INJECTORS.

No. 5 .....per dozen $14 40

2324 **OILS, ENAMELS, ETC.**

New page dated March 1, 1909.

LUBRICATING OILS.

Nos.	2G	4G	5G	6G	30G	31G
Per dozen	$0 50	70	1 20	1 80	95	2 15
Nos.	41G	32G	33G	42G	35G	
Per dozen	$0 55	75	1 20	1 05	1 50	

COMBINATION OIL.

No. 43G .....per dozen $16 20

CHAIN LUBRICANTS.

Nos.	1	2	679	691	692
Per dozen	$0 50	25	60	30	60

ENAMELS.

Nos.	1G	2G	3G	4G	5G
Per dozen	$1 40	1 50	1 50	1 50	1 50

BICYCLE OILERS.

Nos.	22G	21G	26G	25G	35G	30G
Per dozen	$0 60	55	60	90	1 45	2 35

2325 **VULCANIZERS, VELOCIPEDES, ETC.**

New page dated March 1, 1909.

ADJUSTABLE SECTIONAL VULCANIZERS

Nos.	1A	1M	1B	2A	2M	2B
Each.	$36 00	15 00	9 00	36 00	15 00	9 00

KETTLE VULCANIZERS.

No. 3 .....each $138 00

RAILROAD ATTACHMENTS.

Nos.	1	2	3
Each	$7 20	10 80	13 20

VELOCIPEDES.

Nos.	1	2	3	4
Each	$1 30	1 60	1 90	2 15
Nos.	1X	2X	3X	4X
Each	$2 50	2 90	3 30	3 60

TRICYCLES.

Nos.	18	20	22
Each	$3 10	4 20	4 70
Nos.	18X	20X	22X
Each	$5 15	6 20	8 00

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2326 **TORCHES, FORGES, VISES, ETC.**

New page dated March 1, 1909.

GASOLINE TORCHES.

Nos.	5G	10G	12G	25G	15G	4G
Each	$0 90	3 35	3 60	4 20	4 80	6 00

BRAZING FORGES.

Nos.	105G	107G	108G	109G
Each	$19 20	21 60	21 00	23 40

VISES.

Nos.	95G	1G	62G
Per dozen	$7 20	2 95	5 10
Nos.	32G	64G	130G
Each	$2 00	5 50	5 30

2327 **WRENCHES, SCREW DRIVERS, ETC.**

New page dated March 1, 1909.

BICYCLE WRENCHES.

Nos.	100G	200G	300G	10G
Per dozen	$1 00	1 85	1 80	2 10
Nos.	01G	02G	97G	197G
Per dozen	$2 40	erase	4 30	4 80

No. G—Length, in.	6	8	10	12	15
Per dozen	$2 55	3 05	3 55	4 35	6 15

No. 20G—Length, in.	6	8	10	14
Each	$0 65	65	75	95

No. 20G—Length, in.	18	24	36
Each	$1 30	1 95	4 70

SCREW DRIVERS.

No. 26G—Inches.	2½	3	4	5	6
Per dozen	$1 80	2 10	2 55	3 00	3 60
No. 26G—Inches.		7	8	10	12
Per dozen	$4 20	4 80	6 00	7 20	
Nos.			02G	30G	
Per dozen			$0 25	14 40	
Nos.			3G	1G	322G
Per dozen			$1 40	60	5 00
Nos.			322½G	323G	48G
Per dozen			$6 00	7 00	3 90

SPRING PUNCHES.

No. 24G .....per dozen $7 20

2328 **MISCELLANEOUS TOOLS.**

New page dated March 1, 1909.

MACHINISTS' HAMMERS.

Nos.	4-0G	3-0G	2-0G	0G
Per dozen	$5 45	5 45	5 45	5 70
Nos.	1G	2G	3G	4G	5G	6G
Per dozen	$6 15	6 60	7 00	7 50	8 00	8 65

HACK SAW FRAMES.

No. 1G .....per dozen $7 20

HACK SAW BLADES.

No. 1G—Length, in.	8	9	10	12
Per dozen	$0 47	50	60	75

KEY HOLE PAD SAWS.

No. 10G .....per dozen $1 70

KEY HOLE SAW BLADES.

No. 10G .....per dozen $1 70

BOXWOOD RULES.

Nos.	6SG	62½G	32G
Per dozen	$1 15	4 00	3 50

NO. G. MILL BASTARD FILES.

Length, in.	8	10	12
Discount	70 per cent.		

FLAT BASTARD FILES.

Length, in.	8	10	12
Discount	70 per cent.		

NO. G. ROUND BASTARD FILES.

Length, in.	6	8	10
Discount	70 per cent.		

NO. G. SLIM TAPER FILES.

Length, in.	4	5	6
Discount	70 per cent.		

SNIPS.

No. 39G .....per pair $0 95

WIRE GAUGES.

Nos.	2G	1G
Per dozen	$15 85	24 50

STOCKS AND DIES.

Nos.	37BG	37G	41G	53G
Per set	$2 90	2 90	2 20	1 90

SCREW PLATES.

Fig. 150	per set $4 60
1104G	" 10 90
1229G	" 21 40

In a great many instances we have quoted discounts, for convenience, on lines which are sold at net prices. All such goods will be billed net.

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MISCELLANEOUS TOOLS.

New page dated March 1, 1909.

EMERY TOOL GRINDERS.

Nos.	6G	16G
Each	$4 80	6 90

EMERY WHEEL DRESSERS.

No. G	per dozen $5 20
Extra Cutters	per set $0 10

Sand Paper.

Nos.	00G	0G	½G	1G
Per ream	$3 35	3 35	3 35	3 65
Nos.	1½G	2G	2½G	3G	Asst.
Per ream	$3 90	4 15	4 45	5 15	3 90

Emery Cloth.

Nos.	00G	0G	½G	1G
Per ream	$14 30	14 30	14 30	15 20
Nos.	1½G	2G	2½G	3G	Asst.
Per ream	$13 05	16 60	17 80	19 00	15 40

DRILLS.

Nos.	2G	041G	12G
Per dozen	$29 40	14 40	29 40
Nos.		101G	98G
Each		$6 60	7 50
Extra for Power for No. 98G		each $2 40	

TWIST DRILLS.

NO. 10SG (109).

Sizes	1-16	3-32	1-8
Per dozen	$0 55	60	75
Sizes	5-32	3-16	7-32
Per dozen	$0 95	1 10	1 30
Sizes	1-4	9-32	5-16
Per dozen	$1 45	1 70	1 95
Sizes	11-32	3-8	13-32
Per dozen	$2 25	2 60	2 90
Sizes	7-16	15-32	1-2
Per dozen	$3 15	3 45	3 70
Sizes	9-16	5-8	3-4
Per dozen	$5 30	5 85	7 10
No. 010SG	per set $1 10		

NO. 105G

Sizes	1-16	5-64	3-32
Per dozen	$0 40	45	50
Sizes	7-64	1-8	9-64
Per dozen	$0 55	60	65
Sizes	5-32	11-64	3-16
Per dozen	$0 70	80	85
Sizes	13-64	7-32	15-64
Per dozen	$0 95	1 05	1 20
Sizes	1-4	17-64	9-32
Per dozen	$1 25	1 35	1 45
Sizes	19-64	5-16	21-64
Per dozen	$1 90	1 95	2 10
Sizes	11-32	23-64	3-8
Per dozen	$2 30	2 40	2 60
Sizes	25-64	13-32	27-64
Per dozen	$2 20	2 90	3 00
Sizes	7-16	29-64	15-32
Per dozen	$2 70	2 85	3 00
Sizes	31-64	1-2	
Per dozen	$3 10	3 20	
No. 6G	per set	$2 15	
No. 5G	"	4 00	

2333 **MOTOR CYCLE ACCESSORIES.**

New page dated March 1, 1909.

TIRES.

G. & J. CORRUGATED TREAD.

Sizes, Inches.	Case only, each.	Tube only, each.	Tires, per pair.
26x2	$7 55	$2 10	$19 30
26x2¼	8 20	2 30	21 00
26x2½	8 80	2 70	23 10
28x2	7 75	2 50	20 50
28x2¼	8 40	2 50	21 85
28x2½	9 25	2 95	24 35

G. & J. BAILEY TREAD.

Sizes, Inches.	Case only, each.	Tube only, each.	Tires, per pair.
26x2	$9 25	$2 10	$22 70
26x2¼	9 90	2 30	24 35
26x2½	10 50	2 70	26 45
28x2	9 45	2 50	23 95
28x2¼	10 10	2 50	25 20
28x2½	10 90	2 95	27 70

M. & W. BAILEY TREAD, D. C. & S. C.

Sizes, Inches.	Case only, each.	Tube only, each.	Tires, per pair.
26x2¼	$9 90	$2 30	$24 35
26x2½	10 50	2 70	26 45
28x2	9 45	2 50	23 95
28x2¼	10 10	2 50	25 20
28x2½	10 90	2 95	27 70

MOTORCYCLE TIRES.

EMPIRE BAILEY TREAD.

Erase all sizes.

EMPIRE CORRUGATED TREAD.

Erase all sizes.

EMPIRE RAISED TREAD.

Erase all sizes.

Page

PEDOMETERS.

No. 7	each $1 00

MOTORCYCLE SADDLES.

Nos.	2	1	206
Each	$4 80	4 80	4 80

MOTORCYCLE HORNS.

Nos.	4	6	8	10	726
Each	$1 55	1 90	2 15	3 00	2 90

2334 **MOTORCYCLE ACCESSORIES.**

New page dated March 1, 1909.

LAMP SETS.

Nos.	4	95	100
Per set	$6 90	9 00	11 20

HANDLE BAR GRIPS.

No. 30M	per pair $1 10

PUMPS.

No. 36G	per dozen $10 80

PEDALS.

No. 3	per pair $1 80

REPAIR PEDALS.

No. 200	each $0 25

MOTORCYCLE STANDS.

No. 300	each $2 15

2343 **SPARKERS AND SPARK COILS.**

New page dated March 1, 1909.

AUTO SPARKERS.

No. 1	each $18 00

SPARK COILS.

Nos.	C1	C2	C3	C4
Each	$4 30	erase	erase	erase

Extra Parts for Chicago Spark Plugs.

Nos. 10, 12, 14 and 16	erase

SPARK COILS.

Nos.	641	642	643	644
Each	$7 20	13 20	21 60	28 80
Nos.	645	646	647	648
Each	$10 10	18 70	27 35	36 00
Nos. D11 to D66				erase
Nos. 661 to 664				discount 15 per cent.
Nos.	651	652	654	656
Each	$12 20	21 00	40 30	52 40
Units, extra				each $9 25
Nos.	627	628	629	630	631
Each	$12 20	21 60	33 80	45 00	68 70
Units, extra				each $10 80

2344 **SPARKS, COILS, IGNITERS, DRY BATTERIES, ETC.**

New page dated March 1, 1909.

SPARK COILS.

Nos.	40	36	35	34	57
Each	$12 95	23 05	43 20	61 20	8 65

MOTORCYCLE COILS.

Long and Short	each erase

IGNITERS.

Nos. C10, M625, S660 and P680	erase

IGNITION BATTERIES.

Nos.	064	066	812	813	S14
Each	$12 00	14 40	11 35	17 00	21 80

STORAGE BATTERIES.

No. D	each $16 20

2345 **BATTERIES, MAGNETOS AND SPARK PLUGS.**

New page dated March 1, 1909.

CHARGING OUTFITS.

No. B—110 volts	erase

STORAGE BATTERIES.

Duro Batteries	erase

DRY BATTERIES.

No. 700G—"Rev-o-noc"	each	$0 21
No. 700G—"Rev-o-noc"	bbl. lots	19½
No. 160JG	each	30
No. 160JG	bbl. lots	24
No. 170KG	each	60
No. 170KG	bbl. lots	42
Magnetos	discount 15 per cent.	

SPARK PLUGS.

No. 5	each	$0 55
No. 32A	"	90

2346 **SPARK PLUGS.**

New page dated March 1, 1909.

Nos.	55	4A	21	23	24
Each	$0 65	70	erase	$0	1 10

Porcelains of No. 24 extra	each	$0 25
Sparking Rods for Nos. 23 & 24 extra	"	10
Nos. 8N, 8A and 8B	"	50
Porcelains for No. 8, extra	"	25

Nos.	35	31	31½	33	34
Each	$0 60	50	50	65	80
Balance of page					erase

Page

2347 **SPARK PLUGS AND CARBURETERS.**

New page dated March 1, 1909.

SPARK PLUGS.

Nos. 1, 3 and 6	each $1 20

SPARK PLUG BUSHINGS.

No. 25	each	$0 12
No. 26	"	55

SPARK PLUG BRUSHES.

No. 5G	each $0 25

CARBURETERS.

Nos. 50 to 57					erase
Nos.	67	68	69	70	71
Each	$0 70	12 00	12 95	16 55	23 00
Nos.	63	64	65	66	
Each	$7 20	7 20	7 70	8 65	
Nos.	80&81	82	83	91	92
Each	$11 50	15 85	31 70	10 80	11 50

2348 **AMMETERS, SWITCHES AND TIMERS.**

New page dated March 1, 1909.

AMMETERS.

No. 1G	each $1 80

VOLT-AMMETERS.

Nos. 8G	11	12	13	14	16	17
Ea. $2 70	4 50	5 40	erase	erase	erase	erase

SWITCHES.

No. 27	each	$0 75	
Plug only	"	09	
Nos.	25	26	30
Each	erase	erase	erase

TIMERS.

THE HERZ.

Cylinder	1	2	4	6	Ford-Time
Each	$8 10	9 90	13 50	16 20	13 10

THE GUENET.

Cylinder	1	2	4
Each	$8 10	9 00	10 80

THE MILWAUKEE.

1 and 2 cylinder	each	$4 80
4 and 6 cylinder	"	7 20

CONNECTICUT.

Cylinder	1	2	4	6
Each	$6 30	6 80	7 70	8 60

2349 **CABLES, CONNECTIONS, TERMINALS, ETC.**

New page dated March 1, 1909.

PIRELLI IGNITION CABLE.

All Nos.	Erase

ELECTRIC TERMINALS.

Nos.	1	2	3	4	221	222
Per 100	$0 70	85	1 45	1 80	erase	1 40
No. 500 assortment						Erase

PACKARD AUTOMOBILE COMBINATION CABLE.

Nos.	4	5	6	7
Per foot	$0 20	10	20	35

SIMPLEX AUTOMOBILE CABLE.

Nos.	8	9
Per foot	$0 10	20
Nos. 1, 2 and 3		erase

BULLDOG BATTERY CONNECTORS.

No. 1071G	per dozen $0 70

TERMINAL CONNECTIONS.

No. 1072G	per dozen	$0 20
No. 1073G	"	90
No. 10—Valve Grinding Sets	per set	$6 30
No. 35G—Valve Grinding Material	per can	$0 20

2350 **VULCANIZERS, GAS TANKS, ETC.**

New page dated March 1, 1909.

ELECTRIC VULCANIZERS.

Nos.	81	82	31	61
Each	$11 25	13 50	18 00	22 30
Nos.	71	52	62	
Each	$18 00	7 65	9 00	

VULCANIZING SUBSTITUTES.

Nos.	10	11	12
Per can	$0 85	1 20	2 20

VULCANIZING OUTFITS.

Nos.	30	15
Each	$0 85	45

GAS TANKS.

Nos.	1	2
Each	$21 00	29 40

FLASHLIGHTS.

Nos.	1G	14½G	25G
Each	$1 10	2 10	95

REGULAR BULBS.

Nos.	118G	110G
Each	$0 30	27

FLASHLIGHT BATTERIES.

Nos.	10G	180G
Each	$0 25	23

Page 2351

AUTOMOBILE SUNDRIES.

New page dated March 1, 1909.

AUTO CLOCKS.

Nos.	12G	11G
Each	$6 90	7 20

ODOMETERS.

Nos.	17	18A	18B
Each	$31 50	33 80	24 00	24 00
No. 25—Top Rests	per pair $1 50			

VULCANIZERS.

Nos.	1	2	3	4
Each	$5 40	6 30	9 90	10 80

INNER TUBE BRACKETS AND PARTS.

All Nos. ..... discount 20 per cent.

2352 **STEWART SPEEDOMETERS.**

New page dated March 1, 1909.
Erase all Nos.

2353 **SHOCK ABSORBER, RECOIL CHECKS, ETC.**

New page dated March 1, 1909.

SHOCK ABSORBERS.

Nos.	50	5	60	70	80	90
Per set	$24 00	12 00	16 80	erase	erase	erase

RECOIL CHECKS.

Nos.	90	9	100	10	110	11
Per set	$18 00	10 80	22 50	13 80	22 50	13 80

REBOUND STRAPS.

Nos. 120, 12, 130, 13, 140 and 14 ..... erase

BUMPERS.

Nos.	2	3
Each	$12 00	14 40
No. 10—Trunk Racks	each $4 50	

TURNTABLES.

Nos.	22	23
Per pair	$12 00	14 40

2354 **AUTOMOBILE LAMPS.**

New page dated March 1, 1909.

Nos.	1	2	3	403	402	11
Each	$2 15	2 60	2 80	3 60	3 50	erase
Nos.	22	400	401	106	107	108
Each	Erase	8 10	6 30	erase	erase	erase
Nos.	516	517	518	06	07	08
Each	Erase	erase	erase	7 20	9 00	erase
Nos.	09	656	757	55	56	57
Each	Erase	10 40	12 00	erase	erase	erase
No. 58 ..... erase						

2355 **SEARCHLIGHTS.**

New page dated March 1, 1909.
All Nos. erase.

Gas Burners.

Acetylene Gas Burners ..... each $1 10

GAS TUBING.

Brass	per foot	$0 11
A Grade Rubber	"	10
B Grade Rubber	"	07

GAS GENERATORS.

Nos.	5	19	30	50
Each	$9 60	erase	6 70	6 00
Nos.	40	60	1	3
Each	$8 65	7 20	erase	erase

2356 **ACETYLENE LAMP BURNERS.**

New page dated March 1, 1909.
Erase all Nos.

LAMP TUBING CONNECTIONS.

Nos.	1	2	3
Each	$0 05	10	11

BURNER CLEANERS.

No. 10 ..... each $0 12

GAS BAGS.

No. 12 ..... each $0 25

AUTOMOBLE LAMP BRACKETS.

Nos.	4803-4804	47-48-51
Per pair	$1 50	1 15
Nos.	50-60	4805
Each	$0 35	Per pair $4 20

GASOLINE FUNNELS.

Nos.	20G	40G	80G	02G	1G	2G
Each	$0 65	90	1 10	40	60	85

2357 **AUTOMOBLE HORNS.**

New page dated March 1, 1909.

Nos.	4	6	8	10
Each	$1 55	1 90	2 15	3 00
Nos.	726	707	708	709
Each	$2 90	erase	6 70	6 95
Nos.	703	705	704	706
Each	$7 90	8 65	8 90	8 65
Nos.	710	711	701	702
Each	$10 10	6 95	erase	7 70

Page 2358

RUBBER HORN BULBS.

All Nos. ..... erase

HORN REEDS.

Nos.	1	2	3
Each	$0 10	30	32

2358 **AUTOMOBILE PUMPS.**

New page dated March 1, 1909.

Nos.	100G	113G	112G	107G	110G
Per dozen	$21 60	43 20	61 20	57 60	erase
Nos.	116G	115G	101G	200G	
Per dozen	$50 40	36 00	28 80	16 20	

ACORN PUMP CONNECTIONS.

Acorn complete	each	$0 15
Acorn rubber only	"	05

AUTOMOBILE JACKS.

Nos.	50G&51G	52G&53G	135G&144G	05G
Each	$1 50	1 80	3 60	erase

2359 **AUTOMOBILE JACKS.**

New page dated March 1, 1909.
Nos. 300G ..... each $5 75

PRESSURE GAUGES.

Nos.	2G	3G	1G
Each	$1 80	2 40	3 60

AUTO OIL GUNS.

Nos.	4	00&000	5	8	7
Each	$0 40	45	1 00	3 90	2 40

GREASE PUMPS.

Nos.	105	105A
Each	$1 00	1 25

CHAMOIS SKINS.

Nos.	22½	23½	24¾	26
Per dozen	$1 55	2 65	4 50	6 90
Nos.	27	28	29	30
Per dozen	$9 60	14 40	19 50	26 40

SELVYT CLOTH.

Nos.	A	B	C	D	E	F
Per doz.	$1 50	2 70	3 40	5 10	6 00	10 50

2360 **MORGAN & WRIGHT AUTOMOBILE TIRES.**

New page dated March 1, 1909.
Write for prices.

G. & J. AUTOMOBILE TIRES.

Write for prices.

TUBE PATCHES.

Nos.	00	01	02	03	04
Per dozen	$0 25	50	90	1 15	2 15
Nos.	101	100			
Per assortment	$0 70	90			

TIRE LUGS.

All sizes ..... each $0 45

VALVE PARTS.

Nos.	01	02	03
Each	$0 55	55	18
Nos.	04	05	06	07
Per 100	$3 60	4 80	90	35

TIRE IRONS.

No. 14 ..... each $0 55

TIRE FORKS.

No. 15 ..... each $0 70

SPARE MOTOR WHEELS.

All Nos. ..... erase

EXTRA PARTS.

All Nos. ..... erase

2361 **TIRE PROTECTORS.**

New page dated March 1, 1909.
All sizes ..... discount 15 per cent.

WEEDS' CROSS CHAINS.

All sizes ..... discount 20 per cent.

WEEDS' TIRE GRIPS.

All sizes ..... discount 20 per cent.

AUTOMATIC ADJUSTERS

No. 15 ..... discount 20 per cent.

TIRE BANDS.

Nos.	4	5	6	7	8	9
Each	$0 90	95	1 10	1 15	1 20	1 25
Nos.	10	11	12	13	14	15
Each	$0 60	65	80	85	90	95

AUTO SHOES.

Nos.	1	2	3
Each	$0 95	1 20	1 45

BLOW OUT PATCHES.

Nos.	20	30	40	50	60	70
Each	$1 50	1 70	1 85	2 10	2 30	2 95

CINCH TIRE SHIELDS.

Nos.	100	200	300
Per dozen	$5 40	5 40	6 00

2362 **TIRE BRACKETS.**

New page dated March 1, 1909.

Nos.	70	80	60	61	62	63
Per set	$4 80	6 00	1 80	Each	$0 25	35	38

Page

TIRE HOLDERS.

No. 90 ..... per set $6 70

TIRE CASES.

Nos.	1H	11H
Each	$3 30	2 10

TIRE COVERS.

Nos.	11	12	21	22	23
Each	Erase	erase	2 80	erase	erase

TIRE TRUNKS.

Nos.	Black	Colors
1 & 2	each $9 90	10 80
3 & 4	" 10 80	12 90

2363 **BALDWIN BLOCK AUTO CHAINS.**

New page dated March 1, 1909.
All Nos. ..... discount 20 per cent.

CONNECTING LINKS FOR BALDWIN BLOCK CHAINS.

All sizes ..... discount 30 per cent.

BALDWIN ROLLER CHAINS.

All Nos. ..... discount 20 per cent.

CONNECTING LINKS FOR BALDWIN ROLLER CHAINS.

All Nos. ..... discount 30 per cent.

WHITNEY COTTER PIN CHAINS.

All Nos. ..... discount 20 per cent.

WHITNEY CONNECTING AND OFFSET LINKS.

All Nos. ..... discount 15 per cent.

BALDWIN CONNECTING LINKS.

All Nos. ..... discount 30 per cent.

CHAIN TOOLS.

Nos.	0	1	2
Each	$0 28	18	25

TIRE TOOLS.

No. 15 ..... each $5 40

2364 **REPAIR KITS.**

New page dated March 1, 1909.

Rival	each	$8 30
Reliance	"	9 90
Perfection	"	15 85

WRENCHES.

Nos.	5G	11G	12G	25G
Per dozen	$9 60	8 40	10 10	5 70
Nos.	26G	27G	28G	
Per dozen	$5 70	5 70	5 70	

RATCHET WRENCH SETS.

No. 20G ..... erase

2365 **RATCHET WRENCH SETS.**

New page dated March 1, 1909.

Nos.	14G	15G
Per set	$6 90	9 00

WRENCHES.

Nos.	2G	3G
Per set	$1 20	1 50

FOLDING WRENCH SETS.

No. 6G ..... erase

METAL TOOL BOXES.

All Nos. ..... erase

BATTERY BOXES.

All Nos.		erase
Cotter Pins	per box	$0 15
Taper Pins	"	70
Lock Washers	"	35
Hexagon Nuts	"	30
Hexagon Cap Screws	"	35

2366 **AUTOMOBILE TRUNKS AND CASES.**

New page dated March 1, 1909.

Nos.	100	101	102	110	111	112
Each	$12 00	12 60	13 20	7 20	7 30	7 80

AUTOMOBILE THIRD SEATS.

Nos.	40G	50G	55G	60G
Per dozen	$6 90	10 80	erase	erase

TIRE TRUNKS.

Nos.	0	1	2	3
Each	$9 60	10 20	9 80	10 50
Nos.	10	11	12	13
Each	$13 50	14 70	14 00	15 35

AUTOMOBILE FOOT WARMERS.

No. 7DG ..... each $2 05

FOOT WARMER CARBONS.

No. 57G ..... per dozen $0 65

AUTOMOBILE ROBES

Nos.	3551G	3553G	3554G	3555G
Each	$1 70	3 90	4 20	5 70
Nos.	3556G	3557G	3558G	3559G
Each	$5 10	6 85	7 70	7 70
Nos.	3560G	3561G	3562G	3566G
Each	Erase	erase	7 70	9 00
Nos.	3567G	3568G	3569G	3570G
Each	$11 10	10 80	11 50	15 00
Nos.	3571G	3574G	3575G	3578G
Each	$16 80	16 20	18 30	34 50

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page
2366A **EYE SHIELDS OR GOGGLES.**
New page dated March 1, 1909.

Nos.	284	285	286	26
Per dozen	$10 00	1 15	2 30	1 10
Nos.	25	30	20	36
Per dozen	$1 20	1 80	2 55	1 65
Nos.	35	40	45	37
Per dozen	$3 00	5 00	10 00	4 50
Nos.	6	7	8	5	9
Per dozen	$5 65	7 00	9 20	9 60	10 65

2367 **TOP PROTECTORS.**
New page dated March 1, 1909.
All Nos. ..... erase

AUTO COVERS.
All Nos. ..... erase

STORM APRONS.
All Nos. ..... erase

WASH APRONS.
No. 111 ..... each $1 45

AUTOMOBILE COATS.

Nos.	210	217
Each	$9 00	9 60

AUTOMOBLE SHIRTS.

Nos.	1	11	12
Each	$3 60	5 10	5 10

AUTOMOBILE GAUNTLETS.
No. 5015 ..... per dozen pairs $5 40

2368 **FOLDING WATER PAILS.**
New page dated March 1, 1909.

Nos.	4G	12G	5G
Per dozen	$10 80	16 30	21 85

FOLDING HANDY BASKETS.

Nos.	314G	316G	318G
Per dozen	$16 30	21 85	27 20

FOLDING VENTILATED BASKETS.

Nos.	414G	416G	418G
Per dozen	$21 85	27 20	32 40

REFRIGERATOR BASKETS.

Nos.	40	41	42
Per dozen	$38 40	43 20	48 00

ROBE HOLDERS.

Nos.	5	10
Each	Erase	erase

ROBE RAILS.

Nos.	4868	4862
Each	$1 50	1 50

FOOT RAILS.
No. 4867 ..... each $2 40

2369 **AUTOMOBILE CYLINDER OIL.**
New page dated March 1, 1909.

HARRIS.
1 and 5 gal. cans ..... discount 15 per cent
Barrels and ½ barrels ..... " 20 per cent

GOLD MEDAL.

Sizes.	1 gal.	5 gal
Per gal.	$0 85	70

WOLVERINE.
All sizes ..... erase

HAND SOAP.
Sopo ..... per can $0 08
Skiddoo, 12 oz. can ..... " 10

AUTOMOBILE CREAM POLISH.
¼ pint cans ..... per dozen $1 20
½ pint cans ..... " 1 60
1 pint cans ..... " 2 40
1 quart cans ..... " 4 20
½ gal. cans ..... " 6 00
1 gal. cans ..... " 10 80

AUTOMOBILE BODY POLISH.
½ pint cans ..... per dozen $2 10
1 pint cans ..... " 3 60
1 quart cans ..... " 9 00
½ gal. cans ..... " 12 00
1 gal. cans ..... " 21 60

AUTOMOBILE WASHERS.
No. 10G ..... each $1 40
Extra tops for above ..... " 45

COTTON WASTE.
No. 1G ..... per pound $0 12

OILY WASTE CANS.

Nos.	½G	2½G	3½G	4½G	5½G
Per doz.	$12 00	14 40	19 20	24 00	28 80

The aim of this book is to give our customers an idea of the actual values that they may take orders for goods not carried in stock.

Page
2370 **GREEN OIL SOAP.**
New page dated March 1, 1909.

5 pound pails	each	$0 90
10 " "	"	1 45
25 " "	"	2 40
50 " "	"	3 90
½ barrels	per pound	07
Barrels	"	06

GRE-SOLVENT.

10 ounce cans	per dozen	$1 10
2 pound cans	"	2 70
4 " "	"	5 75
9 " "	"	10 80

AUTOMOBILE OILS.
K00 and K000.

3 pound cans	each	$0 55
5 " "	"	85
10 " "	"	1 55
20 " "	"	3 00
50 " "	"	7 20

HELMET OIL.

1 pound cans	each	$0 50
3 " "	"	1 45
5 " "	"	2 10
10 " "	"	3 85

GRAPHITOLEO.

8 ounce tubes	per dozen	$4 80
1 pound packages	per pound	55
5 " "	"	50
10 " "	"	40
25 " "	"	38
100 " "	"	35

AUTOMOBILE GREASE.

1 pound can	each	$0 25
5 " "	"	95
10 " "	"	1 75
25 " "	"	4 50
50 " "	"	7 80
100 " keg	per pound	15
Barrels and ½ barrels	"	15

GRAPHITE LUBRICANT.

1 pound packages	per package	$0 35
5 " "	"	1 45
10 " "	"	2 40
25 " "	"	5 70
50 " "	"	11 10

MOTOR CHAIN COMPOUND.
No. 25 ..... each $0 95

2401 **TITLE PAGE.**

2402 **O. V B. MIXED HOUSE PAINTS.**
New page dated March 1, 1907.
Entire page ..... discount 20 per cent

2403 **SHOWING COLORS OF O. V. B. PAINT.**
New page dated March 1, 1907.

2404 **"O. V. B." FLOOR PAINT.**
New page dated March 1, 1907.

Capacity, gals.	¼	½	1
Regular shades ..... per gal.	$1 40	1 30	1 25
No. 788—Starred shades "	1 65	1 60	1 55

"O. V. B." FLOOR PAINTS.
No. 10—Assortment ..... erase
No. 20—Assortment ..... erase,

2405 **O. V. B. PAINTS.**
New page dated March 1, 1907.
Entire page ..... discount 10 per cent

2406 **O. V. B. PAINTS AND STAINS.**
New page dated March 1, 1907.

"O. V. B." VARNISH STAINS.

Nos.			½	1
Per can			$0 17	25
Capacity, gals.	¼	½	1	5 Bbls.
Per can	$0 40	75	1 50	Per gal. $1 45	1 35

"O. V. B." FLOOR AND FURNITURE STAIN.

Capacity, pts.		½	1
Each		$0 16	30
Capacity, gals.	¼	½	1
Each	$0 58	1 05	2 00

"O. V. B." SCREEN DOOR PAINT.

Capacity	½ pt.	1 qt.	¼ gal.	½ gal.	1 gal.
Per can	$0 12	19	35	65	1 20

"O. V. B." VERANDA PAINT.

Capacity	½ pt.	1 pt.	¼ gal.
Per can	$0 17	32	55

2407 **O. V. B. INTERIOR ENAMEL.**
New page dated March 1, 1907.

Capacity	½ pt.	1 pt.	¼ gal.	½ gal.	1 gal.
Per can	$0 13	25	50	95	1 80

O. V. B. LIQUID ENAMEL.

Capacity	½ pt.	½ pt.	1 pt.
Per can	$0 12	17	30
Capacity	¼ gal.	½ gal.	1 gal.
Per can	$0 60	1 15	2 15

Page
2408 **O. V. B. PAINTS AND ENAMELS.**
New page dated March 1, 1907.

O. V. B. BATH TUB ENAMEL.

Capacity	½-pt.	1-pt.
Per can	$0 25	45
Capacity	¼-gal.	½-gal.	1-gal.
Per can	$0 75	1 45	2 70

O. V. B. RADIATOR ENAMEL.

Capacity	1-pt.	¼-gal.	½-gal.	1-gal.
Per can	$0 26	50	1 00	1 90
5 gal.				per gallon $1 85

O. V. B. STORE FRONT PAINT.

Capacity	¼-gal.	½-gal.	1-gal.
Per can	$0 50	1 00	1 90

O. V. B. HOUSEHOLD PAINTS.
½-pt. Regular Shades ..... each $0 11
½-pt. Starred Shades ..... " 14

O. V. B. NATURAL MINERAL PAINT.

Capacity	1-gal.	5-gal.	½-bbls.	Bbls.
Per gallon	$0 97	92	90	85

2409 **O. V. B. PAINTS AND WOOD FILLER.**
New page dated March 1, 1907.

O V. B. FLAT PAINT.

Capacity	¼-gal.	½-gal.	1-gal.
Per gallon	$1 95	1 90	1 70
Capacity	5-gal.	½-bbls & bbls.	
Per gallon	$1 65	1 60	

O. V. B. GRAPHITE PAINT.

Capacity	1-gal.	5-gal.	½-bbls.	bbls.
Per gallon	$1 20	1 20	1 10	

GRAPHITE IN OIL.

Capacity	12½	25	½-bbls.	bbls.
Per pound	$0 09	08	07	

O. V. B. VESSEL AND YACHT PAINT.
White and Regular Tints.

Capacity	1-gal.	5-gal.	½-bbls.	bbls.
Per gallon	$1 60	1 55	1 50	
No. 914 ..... per gal.	2 20	2 10	2 05	

O. V. B. LIQUID WOOD FILLER.

Capacity	¼-gal.	½-gal.	1-gal.	5-gal.	Bbls.	½ bbls.
Per gal.	$1 50	1 45	1 40	1 30	1 25	

2410 **COLORS IN OIL AND PASTE PAINTS.**
New page dated March 1, 1907.
O. V. B. Colors in Oil, 1-lb. cans ..... discount 30 per cent.
O. V. B. Graining Colors ..... discount 30 per cent.
O. V. B. Colors in Japan ..... discount 30 per cent.

ZINC IN OIL.

Green Seal French, 25-lb. cans.	per pound	$0 15
Red Seal French, 25-lb. cans ...	"	10½
Green Seal French, 12½-lb. cans	"	12
Red Seal French, 12½-lb. cans.	"	11
In casks of 250 lbs. and over ..	"	11

Change list on "O. V. B." colors in oil to read as follows:

BLACKS.

Refined lamp black	per pound	$0 27
Coach black	"	30
Sign writers' black	"	27
Ivory black	"	30
Drop black	"	30
Lettering black	"	27
Black paint	"	27

BROWNS.

Raw and burnt umber	per pound	$0 25
Raw and burnt sienna	"	25
Vandyke brown	"	25

BLUES.

Prussian blue	per pound	$0 70
Ultramarine blue	"	40
Chinese blue	"	75
Azure blue	"	58

GREENS.

Chrome green, L. M. & D.	per pound	$0 27
French green	"	30
Olive or bronze green	"	38
Permanent French green	"	52
Bottle green	"	40

REDS.

Indian red	per pound	$0 26
Venetian red	"	17
Tuscan red	"	33
Imperial red	"	20
Calcutta red	"	52
Flat brick red	"	18
American vermilion	"	36
Rose Pink	"	34
English vermilion	"	Mkt.
Rose Lake	"	56
Cherry red	"	50

(Continued on Next Page.)

The printed prices are sufficiently accurate to enable you to make sales.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

Page

YELLOWS.

Chrome yellow, L. M. O. & D. O.	per pound	$0 45
Dutch pink	"	32
Oxford ochre	"	23
Yellow ochre	"	17
Golden ochre	"	23
Stone ochre	"	17
French ochre	"	16

GRAINING COLORS

Light and dark oak	per pound	$0 21
Walnut	"	21
Ash	"	22
Chestnut	"	21
Mahogany or cherry	"	22

J. F. L. S. FRENCH OCHRE.

Pounds	450	100	25	12
Per pound	$0 07	07	07½	07½

OCHRES AND MINERALS IN OIL.

French Gray, 100 lb. kegs	per pound	$0 05
Painters' Special, 100 lb. kegs	"	05½
Rochelle, 100 lb. kegs	"	05
White, 100 lb. kegs	"	04
Light Gray, 100 lb. kegs	"	04
French Yellow, 100 lb. kegs	"	04
Red, 100 lb. kegs	"	04½
English Venetian Red, 100 lb. kegs	"	04½
American Venetian Red, " "	"	04
Imperial Venetian Red, " "	"	04
Prince's Mineral in Oil, in bbls.	"	04½

2411 O. V. B. KITCHEN FLOOR PRESERVATIVE.

New page dated March 1, 1907.

Capacity	¼-gal.	½-gal.	1-gal.
Per gal.	$1 55	1 50	1 45

O. V. B. CARRIAGE TOP DRESSING.

Capacity	½-pt.	1-pt.	1-qt.
Per dozen	$2 30	4 05	6 90

O. V. B. FLOOR WAX.

1, 2 and 8-lb. cans ..... per pound $0 35

O. V. B. FLAT MACHINE PAINT.

Capacity	1-gal.	5-gal.	Bbls.&½-bbls.
Per gal.	$0 80	75	70

PASTE FORM.

Capacity	500to1000-lb.Casks.	250 lbs.	100 lbs.
Per pound	$0 05½	05¾	07

O. V. B. GLOSS MACHINE PAINT.

Capacity	1-gal.	5-gal.	Bbls.&½-bbls.
Per gallon	$0 80	75	70

SASH AND DOOR PRIMERS.

Capacity		½-bbls.	Bbls.
Extra Primer	per 100 lbs.	$6 90	6 00
Extra No. 1	"	6 00	5 45
No. 2	"	5 15	4 90

2412 REV-O-NOC HOUSE PAINT.

New page dated March 1, 1907.
White and Black and all shades not starred.

Capacity	1-pt.	1-qt.	½-gal.
Per gallon	$1 60	1 53	1 50
Capacity	1-gal.	5-gal.	Bbls.&½-bbls.
Per gallon	$1 45	1 40	1 30

Nos. 1023, 1039 and 1047 Starred Shades.

Capacity	1-pt.	1-qt.	½-gal.
Per gallon	$2 20	2 10	2 05
Capacity	1-gal.	5-gal.	Bbls.&½-bbls.
Per gallon	$2 00	1 95	1 90

No. 1028 Starred Shade.

Capacity	1-pt.	1-qt.	½-gal.
Per gallon	$1 90	1 85	1 75
Capacity	1-gal.	5-gal.	Bbls.&½-bbls.
Per gallon	$1 70	1 65	1 60

2413 SHOWING COLORS OF REV-O-NOC PAINT.

New page dated March 1, 1907.

2414 REV-O-NOC FLOOR PAINT.

New page dated March 1, 1907.
Erase entire page.

2415 REV-O-NOC CARRIAGE PAINTS.

New page dated March 1, 1907.
Erase entire page.

2416 REV-O-NOC PAINTS AND ENAMEL.

New page dated March 1, 1907.
Erase entire page.

2416A REV-O-NOC PAINTS AND STAINS.

New page dated March 1, 1907.

REV-O-NOC COLORS IN OIL.

1-lb. cans ..... discount 30 per cent.

REV-O-NOC GRAINING COLORS.

1-lb. cans ..... discount 30 per cent.

REV-O-NOC COLORS IN JAPAN.

1-lb. cans ..... discount 30 per cent.
Change list on Rev-o-noc colors in oil to read as follows:

BLACKS.

Refined lamp black	per pound	$0 27
Coach black	"	27
Sign writers' black	"	27
Ivory black	"	27
Drop black	"	27
Lettering black	"	27
Black paint	"	27

Page

BROWNS.

Raw and burnt umber	per pound	$0 20
Raw and burnt sienna	"	22
Vandyke brown	"	21

BLUES.

Prussian blue	per pound	$0 65
Ultramarine blue	"	54
Chinese blue	"	75
Azure blue	"	58

GREENS.

Chrome green, L. M. & D.	per pound	$0 27
French green	"	30
Olive and bronze green	"	38
Permanent green	"	52
Bottle green	"	40

REDS.

Indian red	per pound	$0 26
Venetian red	"	17
Tuscan red	"	32
Imperial red	"	30
Calcutta red	"	52
Flat brick red	"	18
American vermilion	"	36
English vermilion	"	Mkt.
Rose pink	"	34
Rose Lake	"	56
Cherry red	"	40

YELLOWS.

Chrome yellow, L. M. O. & D. O.	per pound	$0 36
Dutch pink	"	32
Oxford ochre	"	23
Yellow ochre	"	17
Golden ochre	"	23
Stone ochre	"	17
French ochre	"	16

GRAINING COLORS.

Light and dark oak	per pound	$0 21
Walnut	"	21
Ash	"	21
Chestnut	"	21
Mahogany or cherry	"	22

REV-O-NOC MOSS GREEN SHINGLE STAIN.

Capacity	1-gal.	5-gal.	Bbls.&½-bbls.
Per gallon	$0 85	80	75

REV-O-NOC MOSS GREEN ROOF PAINT.

Capacity	1-gal.	5-gal.	Bbls.&½-bbls.
Per gallon	$1 10	1 05	95

2416B REV-O-NOC BARN PAINT
F. O. B. Chicago.

New page dated March 1, 1907.

Capacity	½-gal.	1-gal.	3&5-gal.	½ bbls.&bbls.
Per gallon.	$1 10	1 00	95	90

2416C REV-O-NOC IRON PAINT.

New page dated March 1, 1907.

Capacity	1-gal.	5-gal.	Bbls.&½-bbls.
Per gallon	$0 90	85	80

REV-O-NOC ZINC PASTE.

12½, 25, 50 or 100-lb. kegs..... per pound $0 08

REV-O-NOC COMBINATION LEAD AND ZINC.

12½, 25, 50 or 100-lb. kegs..... per pound $0 08

2416D WHITE CITY HOUSE PAINTS.

New page dated March 1, 1907.

WHITE AND BLACK AND ALL SHADES NOT STARRED.

Capacity			1-pt.	1-qt.
Per gallon			$1 30	1 25
Capacity	½-gal.	1-gal.	5-gal.	½-bbls.&bbls.
Per gallon	$1 20	1 15	1 10	1 05

Nos. 1123, 1128 and 1147 Starred Shade.

Capacity			1-pt.	1-qt.
Per gallon			$1 90	1 85
Capacity	½-gal.	1-gal.	5-gal.	½-bbls.&bbls.
Per gallon	$1 75	1 70	1 65	1 60

No. 1138, Starred Shade.

Capacity			1-pt.	1-qt.
Per gallon			$1 60	1 55
Capacity	½-gal.	1-gal.	5-gal.	½-bbls.&bbls.
Per gallon	$1 50	1 45	1 40	1 30

2416E WHITE CITY MIXED HOUSE PAINTS.

New page dated March 1, 1907.
Illustrating colors.

2416F WHITE CITY BARN PAINT.

New page dated March 1, 1907.

Capacity	½-gal.	1-gal.	3-gal.	5-gal.	Bbls.&½-bbls.
Red and Brown and slate,					
Per gallon	$0 90	85	80	80	75

2418 VARNISH, MIXED PAINT, ETC.

New page dated March 1, 1909.

CREOGRAPHITE PAINT.

Barrels	per gallon	$0 85
Half barrels	"	85
5-gal. kits	"	90
1-gal. cans	"	95

Page

CREOGRAPHITE ROOF CEMENT.

Barrels	per pound	$0 04½
50 and 100 lb. kegs	"	05½
10 and 25 lb. cans	"	05¾
5 lb. cans	"	06
2 lb. cans	"	07
1 lb. cans	"	08½

O. V. B. STOVE PIPE ENAMEL.

½ pint cans	per dozen	$1 40
½ pint cans in ½ gross lots	per gross	15 20
½ pint cans in gross lots	"	13 80
1 pint cans	per dozen	3 00
1 quart cans	per gallon	1 15
2 quart cans	"	1 10
1 gallon cans	"	1 05

ASPHALT ROOF COATING.

Barrels	per gallon	$0 13
Half barrels	"	16
10 gal. kits	"	20
5 gal. kits	"	25
1 gal. cans	"	40

"INSTINT" VARNISH REMOVER.

1 and 5 gal cans	per gallon	$2 15
½ gal. cans	"	2 25
1 quart cans	"	2 40
1 pint cans	"	2 75
Liquid Adelite Varnish Remover	discount 20 per cent.	
Paste Adelite Varnish Remover	"	20 per cent.

2419 OUR VERY BEST VARNISHES.

New page dated March 1, 1909.
Entire page ..... discount 25 per cent.

2420 VARNISHES AND BAKING JAPANS.

New page dated March 1, 1909.

O. V. B. VARNISHES.

Discount ..... 25 per cent.

BAKING JAPANS.

Discount ..... 25 per cent.

SHELLAC.

No. 425	per gallon	$1 60
No. 426	"	1 50

2421 "JAPALAC" WOOD VARNISH.

New page dated March 1, 1909.
Entire page ..... discount 20 per cent.

2422 GLIDDEN GREEN LABEL VARNISH.

New page dated March 1, 1909.
Entire page ..... discount 20 per cent.

2422A GOLD AND ALUMINUM PAINTS, ETC.

New page dated October 1, 1908.

Nos.	20	10	4	5	30	3
Per dozen	$1 45	2 10	3 35	1 05	1 45	85
Nos.	2	1	50	51	52	60
Per dozen	$1 75	3 15	1 15	1 75	2 40	1 05
Nos.	61	62	63	80	81	82
Per dozen	$1 75	2 65	4 05	1 75	2 85	4 70

2422B PREMIUM ALUMINUM PAINT, ETC.

New page dated October 1, 1908.

Size	1 gal.	½ gal.	1 qt.	1 pt.	½ pt.	¼ pt.	½ gill.
Each	$3 15	1 70	90	48	28	16	13
Small bottles					per dozen		$1 15

RADIATOR LIQUID.

1 gal. cans	per gal.	$0 85
½ gal. cans	"	90
¼ gal. cans	"	1 15
⅛ gal. cans	per dozen	2 00
1-16 gal. cans	"	1 30

STAR BANANA BRONZING LIQUID.

1 gal. cans	per gal.	$1 50
½ gal. cans	"	1 85
¼ gal. cans	"	1 95
⅛ gal. cans	per dozen	3 10
1-16 gal. cans	"	1 80

BRONZE POWDERS.

No. 5—In 1 oz. papers	per lb.	$0 60
No. 75—In 1 lb. cans	"	85
No. 10—In 1 oz. papers	"	92
No. 125—In 1 lb. cans	"	85
No. 15—In 1 oz. papers	"	1 40
No. 150—In 1 lb. cans	"	1 15
No. 20—In 1 oz. papers	"	1 90
No. 25—In 1 oz. papers	"	2 30

SILVER ALUMINUM POWDER.

No. 5A—In ½ oz. papers	per lb.	$1 05
No. 75A—In ½ lb. cans	"	1 05
No. 10A—In ½ oz. papers	"	1 40
No. 100A—In ½ lb. cans	"	1 40
No. 15A—In ½ oz. papers	"	1 75

2423 FURNITURE POLISH AND FLOOR PREPARATIONS.

New page dated October 1, 1908.

O. V. B.—3 oz. bottles	per dozen	$0 90
O. V. B.—6 oz. bottles	"	erase
O. V. B.—1 gal. cans	per gal.	1 80
Zol	per dozen	2 70
No. 13—Liquid Veneer, 1 gal. bottles	per gal.	2 40
No. 14—Liquid Veneer, ½ gal. bottles	"	2 40
No. 15—Liquid Veneer, ¼ gal. bottles	"	2 75
No. 2—Liquid Veneer, 4 oz. bottles	per doz.	3 20
No. 1—Liquid Veneer, 12 oz. bottles	"	2 40

(Continued on Next Page.)

H. S. B. & CO.'S APPROXIMATE PRICE LIST—SEE PAGE 1

Page

PEROLIN SWEEPING POWDER.

100, 200 and 300 lb. drums..per 100 lbs. $4 05
25 cent canisters containing 5 lbs.per dozen 2 60

DUSTLESS FLOOR OIL.

Size cans	5 gal.	1 gal.	½ gal.	1 qt.
Per gal.	$0 70	75	95	1 15

Johnson's Floor Wax, 1, 2 or 4 lb. cans .....per lb. $0 35
Johnson's Powdered Floor Wax, 1 lb. cans .....each 35
Johnson's Powdered Floor Wax, ½ lb. cans ..... " 20
No. 1—Linoleum Lustre.....per case $8 30
No. 2—Linoleum Lustre ..... " 4 75
No. 3—Linoleum Lustre..... " 8 10

CUBAN SPONGES.

No. 20 .....per lb. $3 15
No. 30 ..... " 90

2424 **LUBRICATING OILS.**
New page dated October 1, 1908.

CYLINDER OILS.

"O. V. B." .....per gallon $0 52
Shoshone ..... " 39
Arapahoe ..... " 36
Wichita ..... " 28

ENGINE OILS.

Santee .....per gallon $0 36
Modoc ..... " 30
Chippewa ..... " 27

For half barrels advance above prices 3 cents per gallon. For cans the above price will be advanced 3 cents per gallon and an extra charge made for can.

MISCELLANEOUS.

Sewing Machine, in 1 gal. cans....per gallon $0 70
Gun, 1 gal. cans ..... " 75
Bicycle, in 1 gal. cans ..... " 80

NEAT'S FOOT.

Barrels, half barrels, 5 and 10 gallon cans.... ..... market price

PREMIER CUP GREASE.

Barrels and half barrels .....per pound $0 07
50 and 100 lb. cans ..... " 13
10 and 25 lb. cans ..... " 15

MACHINE.

Pawnee Castor .....per gallon $0 25
Huron ..... " 25
Uncas ..... " 24
Rapid ..... " 34
Frigid ..... " 34
XX Separator ..... " 28
XXX Harvester ..... " 26
No. 36 Family .....per case 2 30
No. 12 Family .....erase

2425 **LINSEED OIL.**
New page dated March 1, 1907.
Entire page.....market price

2426 **WHITE LEAD.**
New page dated March 1, 1907.
I. X. L., in kegs .....per pound $0 06
La Salle, in kegs .....erase

CARTER LEADS.
F. O. B. Chicago.

White Lead, dry or in oil.....market price
Red Lead, dry.....market price
Litharge, dry.....market price

F. O. B. St. Paul, Omaha and Kansas City.

White Lead, dry or in oil.....market price
Red Lead, dry.....market price
Litharge, dry.....market price
Red Lead and Litharge are sold only in dry form.

2427 **DRY MINERAL PAINTS.**

Nos.	1	2	3	4	5
Full brls., per 100 lbs.	erase	erase	erase	1 95	erase
Less than brl., 100 lbs.	erase	erase	erase	2 75	erase
Nos.	6	7	8	9	10
Full brls., per 100 lbs.	$1 30	erase	erase	4 35	erase
Less than brl., 100 lbs.	$2 55	erase	erase	5 05	erase

We cannot supply the paint in less quantities than ½ barrels of 165 lbs.

2428 **DRY MINERAL PAINTS.**

Nos.	11	12	13	16	72	73
Full barrels—						
100 lbs.	$3 85	erase	1 15	1 60	1 60	1 75
Less than bbl.—						
100 lbs.	$4 60	erase	1 95	2 40	2 40	2 50
Nos.	28	29	30	31	33	34
Full barrels—						
100 lbs.	$2 60	2 60	erase	2 60	erase	1 50
Less than bbl.—						
100 lbs.	$3 40	3 40	erase	3 60	erase	3 00
Nos.	35	36	42	47	67	
Full barrels—						
Per 100 lbs.	Erase	1 10	1 10	1 10	erase	
Less than bbl.—						
Per 100 lbs.	Erase	1 95	5 40	2 20	erase	

We cannot supply the paint in less quantities than ½ barrels of 165 lbs.

Because a few articles figure a certain per cent. above the market prices, it should not be inferred that this is true in all cases.

Page

2429 **DRY COLORS.**
New page dated October 1, 1908.

GILDERS' WHITING.

Bolted, 350 in barrel.....per lb. $0 01¼

CHALK.

Lump .....per lb. $0 01¼
Dry White Lead, in bulk..... " 09
Plaster of Paris, 260 lbs. to barrel. per bbl 2 55

ORDINARY LAMP BLACK.

1 lb. papers.....per lb. $0 07
½ lb. papers..... " 09½
¼ lb. papers..... " 11

GERMANTOWN LAMP BLACK.

1 lb. papers.....per lb. $0 09
½ lb. papers..... " 11
¼ lb. papers..... " 13
Blacks, Whites, Greens, Yellows, Blues, Reds, Lakes, Vermillions and Browns, discount .....40 per cent.

2430 **CALCIMO COLD WATER CALCIMINES.**
New page dated October 1, 1908.

	Tints	White
Barrels (350 lbs.), all shades..per lb.	$0 05	04
Kegs (100 lbs.), all shades.... "	05	05
5 lb. packages (20 pkgs. in case), all shades..... "	06	06

INDELIBLO.

Change lists on below as follows:

Size package.....bbls.	350 lb. kegs.	100 lb. kegs.	50 lb. kegs.	25 lb. kegs.
No. 200 White, per lb.	$0 09	09½	10½	11¼
Nos. 201 to 205, 208, 210, 212, 214, 215, 216, 217, per lb.	10½	11¼	12	12¾
No. 206, 207 and 209, per lb.	11¼	12	12¾	13½
No. 211, per lb.	12¾	13½	14¼	15
No. 213, per lb.	15¾	16½	17¼	18

Discount .....15 per cent.

2430A **MURESCO WALL FINISH AND COLORS.**
New page dated March 1, 1906.
In lots of 500 or over.....discount 40 per cent
In lots of 100 to 500..... " 35 "
In lots less than 100 pounds " 30 "

2430B **PARIS GREEN.**
Market price.

PARAGRENE.
Market price.

PECORA MORTAR STAINS.

	Red, Brown & Buff.	Black
In half barrels, barrels and casks .....per lb.	0 02½	05
In 80 lb. cans..... "	03½	06

WALL PAPER CLEANER.

No. 1 .....per dozen $1 15

GUMBO PASTE.

Barrels, 200 lbs. .....per pound $0 07
100-lb. drums ..... " 07½
50-lb. drums ..... " 07½
2½-lb. Packages ..... " 09

2431 **BULK GLUES.**
New page dated March 1, 1907.
Discount ..... 20 per cent.

IMPROVED PROCESS LIQUID GLUE.
Erase all sizes.

LE PAGE'S LIQUID FISH GLUE.

1 oz. bottles, with brush .....per gross $11 00
2 oz. bottles, with brush ..... " 17 05
½ gill cans, patent top, with brush .....per dozen 1 40
1 gill cans, patent top, with brush " 1 90
½ pt. cans, patent top ..... " 2 80
1 pt. cans, patent top ..... " 4 65
1 qt. cans, patent top ..... " 8 20
½ gal. cans, patent top ..... " 15 95
1 gal. cans, patent top ..... " 31 05
5 gal. cans .....per gallon 2 40
No. 1—Retail Assortment ..... each $3 20
No. 2—Retail Assortment ..... " 4 75

Self Sealing Collapsible Tubes.

No. 1 .....per gross $11 00
No. 2 ..... " 17 05

2432 **"O. V. B." STRICTLY PURE PUTTY.**
New page dated March 1, 1907.

Bulk, in bbls. of about 800 lbs.per 100 lbs. $2 40
Bulk, in tubs of about 100 lbs. " 2 45
Bladders, in bbls. of about 400 lbs. " 2 70
Bladders, in less quantity..... " 3 00
100 lb. tin jacket kits..... " 2 75
50 lb. tin jacket kits..... " 2 90
25 lb. tin jacket kits..... " 3 00
12½ lb. pails ..... " 3 55
1 lb. cans O. V. B. Strictly Pure Putty ..... " 7 20

COMMERCIAL OR GLAZIERS' PUTTY.

Bulk, in bbls. of about 800 lbs.per 100 lbs. $2 10
Bulk, in tubs of about 100 lbs. " 2 15
Bladders, in bbls. of about 400 lbs. " 2 40
Bladders, in less quantity..... " 2 70
100 lb. tin jacket kits..... " 2 45
50 lb. tin jacket kits..... " 2 60
25 lb. tin jacket kits..... " 2 70
12½ lb. tin jacket pails..... " 3 25

Page

STOVE PUTTY.

5 and 10 lb. cans.....per pound $0 06

FURNACE CEMENT.

5 and 10 lb. cans .....per pound $0 05
1 lb. cans ..... " 08

POWDERED LYE.

1 lb. cans, in full cases .....per pound $0 07¼
Less than case ..... " 09½

CHLORIDE OF LIME.

	Full Cases.	Less than Cases.
1 lb. cans, 50 cans in a case..... .....per pound	$0.08	$0.08½
½ lb. cans, 100 cans in a case..... .....per pound	.09	.09½
¼ lb. cans, 200 cans in a case..... .....per pound	.13	.13½

Rosin, in barrel lots .....per pound $0 03
Rosin, in less quantity ..... " 03½
Lump Borax .....per pound $0 12
Powdered Borax (20-Mule Team) .. " 12

2433 **COMPOSITION PUMICE STONE.**
New page dated March 1, 1907.

	Cases.	Less.
No. 3—I.....per pound....	$0 09	$0 10
No. 3—II..... " "	09	10
No. 3—III..... " "	10	11

SELECTED PUMICE STONE.

	Barrel.	Less.
Lump, selected .....per pound	$0 07	09
Powdered ..... "	02½	03
Lump, extra soft.....		Erase

ROTTEN STONE.

Lump, selected .....per pound $0 09
Powdered ..... " 05

STEEL WOOL.

Nos.	0	1 & 2	3
Per pound	$0 50	35	30

COTTON WASTE.

No. 1—White, best grade .....per pound $0 11½
No. 2—White, medium grade ... " 10½
No. 1—Colored, medium grade.. " 07½

2434 **SAND PAPER.**
Erase this page and refer to pages 191 and 192 for new lists.

2434C **REV-O-NOC INDESTRUCTIBLE PAINT AND VARNISH BRUSHES.**
New page dated March 1, 1910.

FLAT PAINT OR WALL BRUSHES AND VARNISH BRUSHES.

No. 42—Width, inches	3	3½	4	4½
Per dozen .....$		16 80	19 20	
No. 32				
Per dozen .....$		16 20	18 00	
No. 22				
Per dozen .....$		9 60	12 60	
No. 18				
Per dozen .....$	5 70	7 20	9 60	10 80

FLAT VARNISH BRUSHES.

No. 73—Width, inches.....	2	2½	3
Per dozen .....$		9 60	12 00
No. 88			
Per dozen .....$	7 80	9 60	

2434D **REV-O-NOC VARNISH AND CALSOMINE BRUSHES.**
New page dated March 1, 1910.

FLAT BARNISH BRUSHES.

No. 82—Width, inches	1½	2	2½	3
Per dozen .....$	3 60	5 40	7 20	9 00
No. 51				
Per dozen .....$	2 40	3 05	4 00	6 00

PAINT BRUSHES OR TRIM BRUSHES.

No. 82—Width, inches.....	1½	2	2½
Per dozen .....$	3 00	4 20	5 70

CALSOMINE BRUSHES.

No. 103—Width, inches	7	8
Per dozen .....$	43 20	50 40

PAPER HANGERS' PASTE BRUSH.

No. 102—Width, inches	7	8
Per dozen .....$	26 80	32 40

Remember that these are not our lowest prices, but are sufficiently accurate to enable you to take orders for goods not carried in stock.

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

Page 2435

WALL PAINT BRUSHES.

New page dated October 1, 1908.

Width, inches			2½	3	3½
No. 310	per dozen	$	1 15	1 45	2 00
No. 320	"		1 30	1 55	2 00
No. 325	"		1 60	1 90	2 45
No. 330	"			3 60	4 55
No. 331	"				8 80
No. 340	"			2 40	3 35
No. 341	"				7 05
No. 350	"				15 55
No. 355	"			5 50	7 30
No. 356	"				13 40
No. 357	"				14 40
No. 358	"				14 75
No. 380	"				17 05

Width, inches		4	4½	5
No. 310	per dozen $	2 70	3 25	
No. 320	"	2 55	2 90	
No. 325	"	3 15	4 30	
No. 330	"	5 55		
No. 331	"	12 40		
No. 340	"	4 60		
No. 341	"	9 35		
No. 350	"	17 60	19 65	
No. 355	"	8 70	12 90	15 75
No. 356	"	14 75		
No. 357	"	17 10		
No. 358	"	19 25		
No. 380	"	20 10	24 15	

Sizes		25	30	35	40
No. 360	per dozen $	7 65	10 35	14 95	18 40
No. 365	"		16 85	22 15	24 30

2436 **WALL PAINT BRUSHES AND PAINTERS' DUSTERS.**

New page dated October 1, 1908.

Sizes		25	30	35	40
No. 366	per dozen $		12 90	15 40	17 25
No. 367	"		13 80	18 20	20 40
No. 370	"	6 35	8 60	11 15	13 50
No. 375	"		12 40	15 10	16 80

Nos.	1	2	3	580	581	582	583
Per doz.	$5 00	6 05	9 75	4 30	7 00	10 80	erase

Nos.			179	588	589	584
Per dozen		$	2 55	6 45	8 15	9 95
Nos. 575—inches				1½	2	2½
Per dozen		$		2 70	4 40	4 90

2437 **VARNISH BRUSHES.**

New page dated October 1, 1908.

No. 470—Inches.	1	1½	2	2½	3
Per dozen	$0 30	48	65	80	95
No. 475—Inches.	1	1½	2	2½	3
Per dozen	$0 42	56	78	1 00	1 20
No. 480—Inches.	1	1½	2	2½	3
Per dozen	$0 50	75	1 05	1 45	1 90
No. 490—Inches.	1	1½	2	2½	3
Per dozen	$0 50	75	95	1 20	1 50
No. 500—Inches.	1	1½	2	2½	3
Per dozen	$0 90	1 40	1 90	2 60	3 20
No. 505—Inches.	1	1½	2	2½	3
Per dozen	$0 55	80	95	1 40	1 60
No. 510—Inches.	1	1½	2	2½	3
Per dozen	$0 80	1 10	1 50	1 75	2 05
No. 540—Inches.	1	1½	2	2½	3
Per dozen	$0 75	1 10	1 45	1 75	2 20
No. 515—Inches.	1	1½	2	2½	3
Per dozen	$0 95	1 45	2 05	2 60	3 10
No. 530—Inches.	1	1½	2	2½	3
Per dozen	$1 60	2 30	3 15	4 50	5 30
No. 545—Inches.	1	1½	2	2½	3
Per dozen	$2 60	3 55	5 40	7 60	10 65
No. 525—Inches				2½	3
Per dozen				$9 20	12 25

FLOWING BRUSHES.

No. 550—Inches.	1	1½	2	2½	3
Per dozen	$1 90	2 90	3 90	5 45	6 55
No. 560—Inches.	1	1½	2	2½	3
Per dozen	$2 85	4 30	5 75	7 25	8 65
No. 570—Inches.	1	1½	2	2½	3
Per dozen	$4 40	6 45	8 55	10 05	12 05
No. 520—Inches.	1	1½	2	2½	3
Per dozen	$1 55	2 30	3 40	4 90	6 45

2438 **BRUSHES AND SASH TOOLS.**

New page dated October 1, 1908.

ROUND BRUSHES.

No. 250—Sizes	6	5	4	3	2	1
Per dozen	$1 10	1 25	1 50	1 85	2 00	2 25
No. 250—Sizes.	1-0	2-0	3-0	4-0	5-0	6-0
Per dozen	$2 45	3 00	3 35	3 80	5 15	6 30

ORAL VARNISH.

No. 260—All sizes	erase
No. 270—Sizes. 1-0 2-0 3-0 4-0 5-0 6-0	
Per dozen	$2 75 3 15 3 55 4 05 5 40 6 90
No. 280—Sizes. 1-0 2-0 3-0 4-0 5-0 6-0	
Per dozen	$4 20 5 20 6 00 6 60 7 95 8 95
No. 300—Sizes	8-0 10-0 12-0
Per dozen	$8 15 10 80 14 25

Page

SASH TOOLS.

No. 390—Sizes	1	2	3	4
Per dozen	$0 30	35	40	50
No. 390—Sizes	5	6	7	8
Per dozen	$0 54	56	65	75
No. 400—Sizes	1	2	3	4
Per dozen	$0 40	43	46	55
No. 400—Sizes	5	6	7	8
Per dozen	$0 70	90	1 15	1 20
No. 410—Sizes	4	6	8	10
Per dozen	$1 05	1 40	1 70	2 00
No. 420—Sizes	1	2	3	4
Per dozen	$0 65	70	90	95
No. 420—Sizes	5	6	7	8
Per dozen	$1 25	1 30	1 45	1 60
No. 415—Sizes	1	1½	2	
Per dozen	$1 05	1 75	2 35	
No. 405—Sizes	1	1½	2	
Per dozen	$1 50	2 10	2 90	

2439 **BRUSHES.**

New page dated March 1, 1908.

Nos.	4247	1849	4564	4180
Per dozen cards	$8 25	8 95	10 35	13 80
No. 455	per gross			$4 05
No. 458	"			3 35
No. 12	per assortment			$5 00
No. 453	per gross			$1 60

No. 430—Sizes	¼	½	¾	1
Per dozen	$2 30	3 25	4 35	5 45
No. 440—Sizes	1	2	3	4
Per gross	$2 30	2 40	2 80	2 85
No. 440—Sizes	5	6		Asst'd
Per gross	$3 35	3 55		2 65

No. 450—Sizes	1	2	3	4	Asst'd
Per gross	$5 85	6 85	7 80	9 45	7 45
No. 460—Sizes	1	1½	2	2½	3
Per dozen	$2 50	3 75	5 75	7 35	9 35
No. 465—Sizes	1	1½	2	2½	3
Per dozen	$1 45	2 10	2 85	4 50	6 00

2440 **BRUSHES.**

New page dated March 1, 1908.

No. 628—Sizes	6	7	8
Per dozen	$1 15	1 30	1 70
No. 630—Sizes	6	7	8
Per dozen	$1 95	2 20	2 40
No. 660—Sizes	6	7	8 9
Per dozen	$1 95	2 30	2 75 3 10
No. 640—Sizes	6	7	8
Per dozen	$3 00	4 60	5 75
No. 650—Sizes	6	7	8
Per dozen	$4 30	5 70	7 80
No. 670—Sizes	7	8	9
Per dozen	$4 65	6 05	7 45
No. 680—All sizes			erase
No. 695—Sizes	10	20	30 40
Per dozen	$9 00	11 35	13 60 15 80
No. 685—Sizes		81	90
Per dozen		$18 95	20 00
No. 698—Sizes		20	40
Per dozen		$20 45	29 75
No. 690—Sizes	18	20	22
Per dozen	$34 50	48 95	63 25

2441 **BRUSHES.**

New page dated October 1, 1908.

No. 590—Sizes	6	7	8
Per dozen	$4 15	5 15	5 75
No. 595—Sizes	6	7	8
Per dozen	$5 15	6 05	6 90
No. 600—Sizes	6	7	8
Per dozen	$9 45	10 60	14 30
No. 610—Sizes	6	7	8
Per dozen	$12 50	19 20	25 50
No. 612—Sizes		7	8
Per dozen		$27 60	37 50
No. 620—Sizes		7	8
Per dozen		$39 50	48 75
No. 622—Sizes		7	8
Per dozen		$45 50	53 70

Nos.	623	624	701	702	703	704
Per doz.	$25 30	39 80	2 10	5 20	6 90	erase
Nos.	705	706	707	708	709	
Per dozen	Erase	erase	$11 40	erase	erase	

2442 **BRUSHES.**

New page dated October 1, 1908.

Nos.	585	625	750	751	723	724
Per doz.	Erase	33 10	18 65	23 00	8 15	10 75

No. 730—Sizes	4	6	8	10
Per dozen	$1 45	1 95	2 55	3 55
No. 760—Sizes	2	4	6	
Per dozen	$2 70	4 00	5 40	

Nos.	765	109	177	111	105
Per dozen	$4 00	2 55	4 75	3 90	2 75

2443 **"RUBBERSET" PAINT BRUSHES.**

New page dated March 1, 1909.

No. 1005—Sizes	25	30	35	40
Per dozen	$11 50	15 70	20 95	24 55
No. 1015—Sizes	25	30	35	40
Per dozen	$12 25	14 50	18 00	20 70

No. 1025—Inches	3½	4	4½
Per dozen	$13 80	16 65	19 30
No. 1030—Inches	3	3½	4 4½
Per dozen	$7 45	10 35	13 80 16 50
No. 1035—In.	3	3½	4 4½ 5
Per dozen	$4 45	4 95	6 45 8 45 10 35
No. 1055—In.	1	1½	2 2½ 3
Per dozen	$2 30	3 00	4 60 6 60 8 45
No. 1065—In.	1	1½	2 2½ 3
Per dozen	$1 65	2 30	3 15 4 15 5 35

No. 1070—In.	1	1½	2	2½	3
Per dozen	$2 30	3 45	4 75	6 50	9 65
No. 160—In.	1	1½	2	2½	3
Per dozen	$2 65	4 20	5 40	7 35	9 95
No. 1100—Sizes		2-0	5-0	6-0	
Per dozen		$5 10	7 45	8 35	
No. 1100—Sizes		8-0	10		
Per dozen		$11 35	19 00	21 25	
No. 1200—Inches			7	8	
Per dozen			$52 15	63 00	

2444

PAINT BUCKETS.

New page dated March 1, 1909.

No. 1	per dozen	$1 75
No. 2	"	2 05

PAINT STRAINERS.

Nos.	1	2	3	4
Per dozen	$3 55	4 30	3 95	4 60

VARNISH POTS.

Nos.	0	1	2
Per dozen	$1 85	2 30	3 20

VARNISH CUPS.

No. 3	per dozen	$0 75
No. 4	"	1 90

GASOLINE TANKS.

Nos.	90	91	92	70	71	72
Each	$4 05	6 05	8 05	3 55	3 75	5 75

OIL TANKS.

Nos.	600	80	81	82
Each	$3 75	4 90	5 20	8 70

TRANSFER PUMPS.

Nos.	5	10	15
Each	$0 90	2 30	2 70

2448A **SPRAYING MACHINES.**

New page dated March 1, 1907.

Nos.	L	H	J	K	G	D	GM
Each	$5 75	8 05	10 25	13 80	20 70	21 55	22 10

2448B **SPRAYING MACHINES.**

New page dated March 1, 1907.

Nos.	B	C	I	F	E	A
Each	$30 75	26 25	24 15	27 60	33 05	34 50

2449 **GASOLINE TORCHES.**

New page dated March 1, 1907.

Nos.	18	29	16	27	31	32	47	48
Ea.	$3 45	3 75	4 00	3 75	4 30	4 60	4 30	4 60

PAINT MILLS AND EXTRAS.

Nos.	4	3	2	1	1W	0	0W
Each	$4 60	5 45	6 90	17 25	24 15	32 20	36 80

Fly Wheels for Nos. 2 and 3 Mills	each	$2 90
Stands and Pulleys for Nos. 1 and 0	"	10 90
Stands and Pulleys for No. 2	"	7 20

2450 **COMMON LONG LADDERS.**

New page dated March 1, 1907.

Feet	10to20	24to30
Per foot	$0 12	Erase

EXTENSION LADDERS.

2 Section	per foot	$0 14
3 Sections, additional charge	each	1 15

STERLING.

Length	5	6	7	8	10	12
Each	$1 25	1 50	1 70	1 85	2 40	2 85

IXL IMPROVED LADDERS.

Length	5	6	7	8	10	12
Each	$0 95	1 15	1 35	1 55	1 95	2 35

2451 **PAINTERS' TRESTLES.**

New page dated March 1, 1907.

Feet	6	7	8	10
Each	$1 55	1 85	2 05	2 60
Feet	12	14	16	18
Each	$3 10	4 00	4 60	5 15

AJAX EXTENSION PLANKS.

Nos.	1	2	3
Each	$3 15	4 30	6 90

PAINTERS' LADDERS.

Feet	4	5	6	7	8	10	12
Ea.	$0 95	1 20	1 50	1 70	1 95	2 40	2 90

SWINGING STAGES OR SCAFFOLDS.

Feet	18	20	22	24	26	28
Each	$4 65	5 05	5 70	erase	erase	erase
Cross Bars and Rollers	per pair					$1 20
Heavy Iron Cornice Hooks	"					5 50
Common Cornice Hooks	"					4 60

AJAX EXTENSION STAGES AND ROOF HOOKS.

No. 6—Stages	each	$9 20
No. 5—Roof Hooks	per pair	60

LADDER JACKS.

Giant ..... erase

The discounts quoted are based on the lists printed in our catalogue. In a great many instances the goods are sold net and will be so billed.

Remember that these prices are only approximate and are high r than those ruling at the date of issue.

Page
2452 **LEUZ ADJUSTABLE SCAFFOLDS.**

Nos.	3	6	12
Per pair	Erase	erase	erase

FOLDING PASTE TABLES.

Nos.	10	11	12
Each	$3 50	3 75	4 00

PASTE BOARDS.

Nos.	7	8	9
Each	$1 30	1 45	1 60

One is called a pair.

FOLDING TRESTLES.

New page dated March 1, 1907.
No. 60 ..... per pair $1 30

GLASS CUTTING BOARDS.

No. 19 ..... each $7 90
Added to stock:
No. 77—36x66 in., otherwise same as No. 19 ..... " 9 75

2453 **WINDOW GLASS.**

New page dated July 1, 1904.
New price list dated Oct. 1, 1903, will be sent on application.
We charge extra for Boxing Glass ordered less than full box quantities.
Change list on Glass 54 united inches double strength A to read $50.75.
Market price.

2454 **GLASS CUTTERS.**

New page dated July 1, 1904.

Nos.	60	8	1	50	85
Per dozen	$0 80	65	1 20	2 70	1 70
Nos.	100	5	30	19	776
Per dozen	$3 30	2 88	1 20	erase	7 00

2455 **GLAZIERS' DIAMONDS.**

New page dated Oct. 1, 1905.
Nos. 1S, 1D, 2, 3, 4 and 5D ..... erase

Nos.	11	11E	12	13	14	15
Each	$4 00	4 40	4 40	5 15	6 60	10 35

Change No. 5 Dunham Glass Cutters to read No. 5D.

2456 **PAPER HANGERS' TOOLS.**

New page dated Oct. 1, 1905.
No. 122—Smoothing Rollers ..... per dozen $5 40

ROTARY KNIVES.

Nos.	9	12	14	18
Per dozen	Erase	3 70	4 10	3 60

SEAM ROLLERS.

Nos.	23	24	25
Per dozen	$1 40	1 40	Erase

PAPER HANGERS' TRIMMERS.

6 ft. complete outfit	each	$4 00
7 ft. complete outfit	"	4 40
Trimmers only	"	2 40
Trimmer Blades	"	45
Zinc Strips	"	30

2457 **STRAIGHT EDGES.**

New page dated Oct. 1, 1906.

NOT BRASS BOUND.

Nos.	6	7	8
Per dozen	$5 75	6 35	6 50

BRASS BOUND.

Nos.	16	17	18
Per dozen	$21 55	23 00	erase

BRASS BOUND TRIMMER.

Nos.	25	26	27
Per dozen	$24 45	25 85	erase

PAPER HANGERS' TRIMMERS.

Nos.	A	B	C	D	E
Each	$9 20	8 60	6 90	11 50	10 35

2458 **MISCELLANEOUS KNIVES.**

New page dated Oct. 1, 1906.

Head Knives.

No. 73 ..... per dozen $4 60

Scraping Knives.

Nos.	Dandy	102
Per dozen	$0 70	4 30

No. 525—Width	3	3½	4	4½
Per dozen	$6 15	6 95	8 00	8 65
No. 325—Width	2½	3	3½	4	4½
Per dozen	$4 60	5 30	6 25	6 90	7 60

PAPER HANGERS.

Nos.	305	5	306
Per dozen	$2 30	2 55	2 30

STRAIGHT PAPER HANGERS' SHEARS.

Vim—Length	12	14
Per dozen	$7 45	9 75
No. 60—Length	12	14
Per dozen	$11 15	15 00
No. 70—Length	12	14
Per dozen	$13 65	17 05
Henisch's—Length	12	14
Per dozen	$14 05	18 21

BENT PAPER HANGERS' SHEARS.

Length	12	14
Per dozen	$14 90	19 05

Page
2459 **MISCELLANEOUS KNIVES.**

New page dated March 1, 1909.

PUTTY KNIVES.

Nos.	300S	300E	366S	366E
Per dozen	$1 80	1 80	1 90	1 90
Nos.	380S	380E	0380S	
Per dozen	$2 20	2 20	2 20	
Nos.	0380E	3000S	3000E	
Per dozen	$2 40	2 40	2 40	
Nos.	3	4	10E	10S
Per dozen	$1 10	1 10	70	70
Nos.	104S	104E	106S	106E	120S	120E
Doz.	Erase	1 50	erase	erase	2 00	2 00
Nos.	135S	135E	108S	108E	150S	150E
Doz.	Erase	erase	erase	erase	2 45	2 45
Nos.	01535S	01535E				
Per dozen	$2 65	2 65				

HACKING.

Nos.	0	1
Per dozen	$4 50	5 40

SPATULAS.

No. 3803—Blade	3	4	5	6
Per dozen	$2 60	3 00	3 30	3 90
No. 3803—Blade	8	9	10	12	14
Per dozen	6 00	7 20	9 60	16 80	21 60
No. 1586—Blade	3	4	5	6	
Per dozen	$2 60	2 80	3 30	3 90	
No. 1586—Blade	8	10	12		
Per dozen	$6 40	10 50	erase		

2460 **WALL PAPER ASSORTMENTS.**

New page dated March 1, 1909.

Assortment	99	66	88	77
Per assortment	$6 94	18 95	57 30	31 85

2461 **WALL PAPER.**

New page dated March 1, 1909.
Entire page ..... discount 35 per cent.

2462 **WALL PAPER.**

New page dated March 1, 1909.
Entire page ..... discount 35 per cent.

2463 **WALL PAPER.**

New page dated March 1, 1909.
Entire page ..... discount 35 per cent.

2464 **WALL PAPER.**

New page dated March 1, 1909.
Entire page ..... discount 35 per cent.

2501 **ELECTRIC BELLS.**

New page dated October 1, 1908.

Nos.	26E	25E	13E
Per set	$0 85	1 05	1 40
Nos.	525E	530E	540E	425E	430E	440E
Each	$0 25	25	35	50	50	60
No. 1900E	each $0 50					
Nos.	1961E	1962E	1963E	1964E		
Each	$1 35	1 55	2 20	2 35		
Nos.	1966E	1968E	1969E			
Each	$3 95	6 30	7 90			

BUZZERS.

No. 2E ..... each $0 30

STAPLES.

Nos.	12E	58E	34E	741E
Per 1,000	$0 15	14	13	1 80
Nos.	742E	743E	744E	
Per 1,000	$1 80	1 80	1 80	

2503 **ELECTRIC FLASHLIGHTS.**

New page dated March 1, 1910.

MINIATURE.

Nos.	6661E	C6661E	650E	1480E
Each	$1 00	85	20	55
Nos.	6662E	C6662E	651E	1481E
Each	$1 20	1 00	20	55

COAT POCKET.

Nos.	1901E	C1901E	504E	1303SE	1951E
Each	$0 80	1 05	25	20	1 25
Nos.	C1951E	593E	1971E	C1971E	693E	1497E
Each	$1 50	20	1 25	1 00	25	40

VEST POCKET.

Nos.	6502E	C6502E	502E	1202E	6501E	C6501E
Each	$0 65	45	17	20	75	55
Nos.	502E	1202E	6509E	C6509E	502E	1202E
Each	$0 17	20	80	65	17	20
Nos.	6502E	C6602E	502E	6802E	C5802E	692E
Each	$1 05	90	17	1 10	90	18
Nos.	1497E	6809E	C6809E	603E	1490E	
Each	$0 40	1 30	1 10	20	40	

EVER READY.

Nos.	2702E	C2702E	591E	2902E	C2902E
Each	$1 10	90	17	1 10	90
Nos.	691E	1497E	2704E	C2704E	590E
Each	$0 18	40	1 45	1 25	17
Nos.	2904E	C2904E	690E	1497E	
Each	$1 45	1 25	18	40	

NEW COMET.

Nos.	2526E	C2526E	505E	1303E
Each	$0 75	50	20	20

Page
2504 **ELECTRIC FLASHLIGHTS.**

New page dated March 1, 1910.

EVER READY.

Nos.	2504E	C2504E	1303E	2706E	C2706E
Each	$1 00	75	20	1 35	1 15
Nos.	505E	2906E	C2906E	605E	1493E	2506E
Each	$0 20	1 40	1 15	25	40	1 30
Nos.	C2506E	1303E	2708E	C2708E	511E	2508E
Each	$1 10	20	1 70	1 45	25	40
Nos.	2508E	C2508E	1355E	2710E		
Each	$1 60	1 20	20	1 95		
Nos.	C2710E	515E	1495E			
Each	$1 60	40	40			

IMPROVED.

Nos.	2510E	C2510E	1303E	2712E	C2712E	505E
Each	$1 25	1 00	20	1 25	1 40	20
Nos.	2912E	C2912E	605E	1493E	2512E	C2512E
Each	$1 65	1 40	25	40	1 65	1 40
Nos.	1303E	2714E	C2714E	511E	1493E	2514E
Each	$0 20	2 00	1 75	25	40	1 95
Nos.	C2514E	1365E	2716E	C2716E	515E	1495E
Each	$1 55	20	2 30	1 90	40	40

MINERS.

Nos.	2518E	C2518E	1303E	2719E	C2719E	505E
Each	$1 80	1 60	20	2 20	1 90	20
Nos.	2919E	C2919E	605E	1493E	2520E	C2520E
Each	$2 20	2 00	25	40	2 15	1 90
Nos.	1303E	2721E	C2721E	511E	1493E	2522E
Each	$0 20	2 55	2 30	25	40	2 45
Nos.	C2522E	1365E	2723E	C2723E	515E	1495E
Each	$2 05	20	2 80	2 40	40	40

2507 **FLASHLIGHTS.**

New page dated October 1, 1908.

Nos.	2702E	2704E	1E	2705E	2E	2707E
Each	$1 20	1 55	1 10	1 55	1 50	2 00
Nos.	3E	4½E	2712E	5½E	2714E	6½E
Each	$1 80	1 20	1 80	1 80	2 30	2 15
Nos.	2716E	55E	14½E	2719E	15½E	2721E
Each	$2 65	95	2 10	2 70	2 65	3 05
Nos.	16½E	2723E	17E	18E	23E	
Each	$2 90	3 60	65	85	95	
Nos.	6602E	6609E	35E	1951E		
Each	$1 10	1 30	95	1 30		

2508 **BATTERIES, CONNECTORS AND AMMETERS.**

New page dated March 1, 1910

DRY BATTERIES.

No. 300E	each	$0 17
No. 700E	"	20

BATTERY BOXES.

No. 7E ..... each $0 60

DRY BATTERIES.

Nos.	406E	407E	413E	1403E
Each	$0 30	60	72	30

BATTERY CONNECTORS.

No. 1071E	per hundred	$4 80
No. 1070E	"	90

WET BATTERIES.

Nos.	200E	202E	203E	204E	205E
Each	$0 32	17	09	04	16

BATTERY ZINCS.

No. 55E	each	$0 03
No. 65E	"	03

AMMETERS.

No. 1E ..... each $1 45

VOLT AMMETERS.

No. 8E ..... each $1 90

2509 **SAL AMMONIAC, TAPES, SOLDERING STICKS, ETC.**

New page dated March 1, 1910.

SAL AMMONIAC.

Nos.	910E	912E	911E	205E	913E
Per pound	$0 12	14	15	16	17
No. 915E	each $0 12				

INSULATED TAPE.

Nos.	60E	62E	64E	65E	277E
Per pound	$0 35	60	60	60	1 10

LEATHER NAIL HEADS.

No. 3635E ..... per thousand $0 40

SOLDERING PASTE.

Nos.	401E	402E	403E	404E	93E
Per box	$0 14	36	65	2 50	14

SOLDERING STICKS.

No. 400E	per stick	$0 13
No. 92E	"	14

SOLDERING SALTS.

Nos.	3405E	3406E	3407E
Each	$0 27	32	1 60

SOLDER.

No. 81E	per pound	$0 32
No. 83E	"	22

PUSH BUTTONS.

Nos.	441E	442E	443E	444E	445E	43E
Each	$0 08	08	08	08	08	08
Nos.	46E	9595E	9598E	9600E	9603E	999E
Each	$0 08	15	15	15	15	11

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.

Page
2511 **FLASH PANS AND PLATES.**
New page dated March 1, 1909.
Entire page.....discount 35 per cent.

2512 **HART SWITCHES, WALL CASES, ETC.**
New page dated March 1, 1909.
Entire page.....discount 35 per cent.

2515 **KNIFE SWITCHES.**
New page dated March 1, 1910.
Discount.....40 per cent.

EDISON PLUG CUT-OUTS.
Discount.....65 per cent.

COMBINATION SWITCH AND PLUG CUT-OUTS.
Discount.....65 per cent.

ENCLOSED FUSE CUT-OUTS.
Discount.....70 per cent.

SHEET STEEL CUT-OUT BOXES.
Discount.....30 per cent.

2516 **FUSE WIRE.**
New page dated March 1, 1910.
Discount.....50 per cent.

FUSE PLUGS.
Discount.....50 per cent.

PLUG FUSE CASINGS.
Discount.....30 per cent.

CARTRIDGE FUSES.
Discount.....65 per cent.

ARC LIGHT CARBONS.

Nos.	3000E	3001E	3002E	3003E
Per 1,000	$30 30	31 75	25 20	26 70
Nos.	3004E	3005E	3006E	3007E
Per 1,000	$24 15	25 70	23 70	25 20

2517 **LANG'S PARAGON SWITCHES.**
New page dated October 1, 1908.
Entire page.....discount 30 per cent.

2518 **TERMINALS, CONNECTORS AND FUSE BLOCKS.**
New page dated October 1, 1908.
Entire page.....discount 30 per cent.

2521 **ELECTRIC LIGHT SOCKETS.**
New page dated March 1, 1910.

Nos.	457E	458E	459E	460E	0457E	0458E	0459E
Each	$0 18	20	20	20	16	18	18
Nos.	0460E	35000E	35550E	35510E			
Each	$0 17	40	45	45			

Extra length of chain.....per foot $0 17

Nos.	387E	388E	0387E	0388E	50748E
Each	$0 30	30	25	25	30
Nos.	50746E	411E	412E	116E	43310E
Each	$0 25	24	45	10	12
Nos.	217E	4200E	4201E		
Each	$0 20	45	45		

2522 **RECEPTACLES PLUGS, ADAPTERS, ETC.**
New page dated March 1, 1910.

RECEPTACLES.

Nos.	9411E	1700E	9171E	9402E
Each	$0 20	10	08	11

RECEPTACLES.
Discount.....35 per cent.

SKEDOODLE PLUGS.
All Nos.....each $0 70

CANDLES AND ADAPTERS.
Discount.....35 per cent.

ROTATING SOCKETS.
Discount.....35 per cent.

2523 **PLUGS, CURRENT TAPS, ETC.**
New page dated March 1, 1910.

ATTACHMENT PLUGS.
Discount.....35 per cent.
Nos. 16410E and 16411E..discount 40 per cent.
No. 903E.....discount 30 per cent.
No. 5406E.....discount 35 per cent.

RECEPTACLE PLUGS.
Discount.....35 per cent.

CURRENT TAPS.
Discount.....40 per cent.

STAGE CONNECTORS.
Discount.....40 per cent.

SOCKET EXTENSIONS.
No. 91E.....each $0 16

PHELPS' PULL SOCKET.
No. 132E.....each $0 20

TUNGSTEN ADAPTORS.
Discount.....35 per cent.

We guarantee lowest ruling prices.

Page
2524 **PORCELAIN CLEATS, KNOBS, MOLDING, BRANCH BLOCKS, ETC.**
New page dated March 1, 1910.

PORCELAIN CLEATS.
Discount.....30 per cent.

PORCELAIN TUBES.
Discount.....60 per cent.

PORCELAIN KNOBS.
Nos. 4E and 4½E.....discount 25 per cent.
Nos. 5E and 5½ E.....discount 30 per cent.
Nos. 05½E 005½E
Per thousand.....$12 30 12 30

MOLDING BRANCH BLOCKS.
Nos. 901E to 903E.....discount 30 per cent.

2525 **ROSETTES AND CEILING BUTTONS.**
New page dated March 1, 1910.

ROSETTES.

Nos.	752E	753E	603E	762E
Each	$0 09	09	08	10
Nos.	763E	885E	3415E	3414E
Each	$0 10	09	17	17

CEILING BUTTONS.
No. 70E.....per hundred $2 40
No. 170E..... " 3 35

2526 **LAMP GUARDS, ELECTROGRIPS AND CORD ADJUSTERS.**
New page dated March 1, 1910.

LAMP GUARDS.

Nos.	316E	332E	14025E	14026E	14027E
Per dozen	$1 55	1 75	3 60	3 75	3 75
Nos.	24343E	14020E	14029E	66E	16E
Per dozen	$5 30	07	1 80	85	1 30

PORTABLE LAMP GUARDS.
No. 46872E.....per dozen $18 00
No. 46745E..... " 14 40

ELECTROGRIPS.
No. 872E.....per dozen $2 10

"TWO-BALL" CORD ADJUSTERS.

Nos.	1112E	1113E	1114E	1115E	1116E	1117E
Each	$0 85	85	85	1 30	1 30	1 30
No. 1118E	.....each $0 30					

CORD ADJUSTERS.

Nos.	13E	14E	15E
Per 100	$0 55	55	4 80

2527 **ELECTRICAL SPECIALTIES.**
New page dated March 1, 1909.
Entire page.....discount 25 per cent

2528 **ELECTRICAL SPECIALTIES.**
New page dated March 1, 1909.
Entire page.....discount 25 per cent

2529 **FLEXIBLE CONDUIT.**
New page dated October 1, 1908.
Discount.....20 per cent.

DYNAMO BRUSHES.
Discount.....40 per cent.

WOOD MOULDING.
Nos. 1601E, 1603E and 1605E.....discount 20 per cent.
Nos. 1602E, 1604E and 1606E..... " 30 per cent.

SOCKET BUSHINGS.
Nos. 9E and 11E.....per 100 $0 40

ADAPTORS.
Nos. 106E, 107E and 108E.....each $0 02½

TOGGLE BOLTS.

Nos.	1163E	1164E	1166E, 3164E&6164E
Per 100	$1 90	2 10	2 40
Nos.	3163E&6163E		3166E&6166E
Per 100	$2 15		2 90

SHADE HOLDERS.

Nos.	80E&84E	82E&86E	81E&85E	83E&87E
Per doz.	$0 40	55	70	85
Nos.	5339E	5338E&5337E	5340E	600E
Per doz.	$0 50	65	1 00	1 45
Nos.	601E&602E	731E&732E	734E&735E	
Per doz.	$2 00	1 90	2 05	

2530 **SHADES.**
New page dated October 1, 1908.

Nos.	627E	630E	408E	410E	412E	5440E
Per doz.	$3 30	5 00	1 30	1 70	3 05	2 10
Nos.	5441E	5442E	2107E&2108E	2110E	2112E	
Per doz.	$2 30	3 35	4 30	4 75	8 70	
Nos.	1910E	1912E	1914E	1916E	1918E	997E
Per doz.	$4 90	5 35	8 10	9 90	11 50	1 50
Nos.	998E	910E	27E	28E	29E	30E
Per doz.	$1 50	1 50	4 20	4 20	4 20	3 30
Nos.	913E	556E	557E	608E	610E	614E
Per doz.	$2 10	1 00	1 10	1 20	1 70	3 50
Nos.	616E	618E	966E	967E	958E	960E
Per doz.	$5 10	6 60	1 15	1 20	1 20	1 60
Nos.	136E	138E	1138E			
Per doz.	$9 40	18 30	36 00			

Page
2531 **HOLOPHANE REFLECTORS.**
New page dated March 1, 1909.
To dealers.....discount 5 per cent
To consumers.....net list

2532 **HOLOPHANE REFLECTORS.**
New page dated March 1, 1909.
To dealers.....discount 45 per cent
To consumers..... " 25 "

2533 **X-RAY REFLECTORS AND SHADES.**
Entire page..... discount 20 per cent.

2534 **SHADES.**
New page dated October 1, 1908.

Nos.	2524E	2525E	2528E	2530E
Per doz.	$13 50	14 40	8 10	14 40
Nos.	2526E	2536E	2540E	
Per doz.	$8 10	9 10	17 10	
Nos.	2534E	2532E	2538E	
Per doz.	$8 10	11 70	20 40	

2539 **ELECTRIC SAD IRONS AND TOASTERS.**
New page dated March 1, 1909.
Entire page.....discount 45 per cent.
Six or more pieces..... " 50 per cent.

2540 **ELECTRIC HEATING APPLIANCES.**
New page dated March 1, 1909.
Entire page.....discount 45 per cent.
Six or more pieces..... " 50 per cent.

2541 **ELECTRIC HEATING APPLIANCES.**
New page dated March 1, 1909.
Entire page.....discount 45 per cent.
Six or more pieces..... " 50 per cent.

2542 **ELECTRIC HEATING APPLIANCES.**
New page dated March 1, 1909.
Entire page.....discount 45 per cent.
Six or more pieces..... " 50 per cent.

2543 **ELECTRIC HEATERS, MEDICAL BATTERIES, ETC.**
New page dated March 1, 1909.

AIR HEATERS AND WARMING PADS.
Discount.....45 per cent.
Six or more pieces.....discount 50 per cent.

LUMINOUS RADIATORS.
Discount.....45 per cent.
Six or more pieces.....discount 50 per cent.

MEDICAL BATTERIES.

Nos.	4E	3E	6E
Each	$3 60	5 25	6 90

2544 **ELECTRIC HEATING APPLIANCES.**
New page dated March 1, 1909.

HEATERS.
No. 990E.....each $2 40

CURLING IRONS.
No. 500E.....each $3 85
Balance of page.....discount 45 per cent.
Six or more pieces..... " 50 per cent.

2551 **INCANDESCENT ELECTRIC LAMPS.**
New page dated Oct. 1, 1909.
Shelby Useful, Type A. Write for prices.

EQUALITY TYPE B.
Write for prices.

ECONONOMICAL TURNDOWN.
Write for prices.

2552 **INCANDESCENT ELECTRIC LAMPS.**
New page dated Oct. 1, 1909.

SHELBY TUNGSTEN AND MERIDIAN.
Write for prices.
Write for prices.

SHELBY TANTALUM.

STEREOPTICON AND REFLECTOR.
Write for prices.

2555 **RUBBER COVERED WIRE AND CORD.**
New page dated March 1, 1909.
Write for prices.

AUTOMOBILE CABLE.
Write for prices.

2556 **WIRE.**
New page dated March 1, 1909.

TELEPHONE.
Discount.....50-5 per cent

WEATHERPROOF.

Nos.	500E	501E	502E	
Per 100 lbs.	$23 40	22 20	21 00	
Nos.	503E	504E	505Eto513E	
Per 100 lbs.	$19 80	18 60	17 40	
Nos.	3010E	3012E	3014E	
Per 100 lbs.	$26 20	18 25	13 50	
Nos.	4010E	4012E	4014E	
Per 100 lbs.	$31 20	21 60	16 80	

ANNUNCIATOR.

Nos.	518E	518½E	618E
Per pound	$0 30	32	30

(Continued on Next Page.)

ANIZED IRON.

	6&9	10	12	14
lbs.	$3 90	4 05	4 20	5 00
	4 20	4 35	4 50	5 30
	5 60	5 70	5 85	6 45

GALVANIZED STRAND.

Discount .....50 per cent

OFFICE WIRE.

No. 1818E .....per pound $0 28
No. 1816E ..... " 25

2563 ELECTRIC LIGHT MATERIAL.

New page dated October 1, 1908.
Entire page.....discount 40 per cent.

2564 HOISTING CHAIN.

New page dated October 1, 1908.
No. 1E .....per 100 ft. $2 50
Balance of page.....discount 40 per cent.

2571 ANNUNCIATORS.

New page dated October 1, 1908.
Entire page.....discount 20 per cent.

2581 TELEPHONES.

New page dated October 1, 1908.

Nos.	7308E	7410E	7510E	7516E	7520E	7616E
Ea.	$10 30	12 30	13 20	13 50	13 80	14 40
Nos.	6E	8308E	8410E	8510E	8516E	8520E
Each	$3 40	10 70	12 80	12 50	14 00	14 40
Nos.		113E	114E	115E	116E	
Each		$11 40	12 60	12 90	14 75	

INTER-COMMUNICATING.

All numbers.....discount 10 per cent.

2582 RECEIVERS.

New page dated October 1, 1908.

Nos.	33E	164E	133E
Each	$0 95	1 30	2 40

TRANSMITTERS.

No. 20E .....each $1 90

MOUTH PIECES.

Nos. 613E and 615E.....each $0 20

GENERATORS.

Nos.	53E	54E	55E	56E
Each	$2 40	3 30	4 20	4 90

RINGER MOVEMENTS.

Nos.	608E	610E	616E	620E
Each	$1 20	1 80	2 40	2 75

RECEIVER CORDS.

Nos. 47E and 48E .....each $0 20
No. 49E ..... " 30

TESTING SETS.

No. 423E .....each $12 00

TOLL LINE EXTENSION BELL. SWITCHES.

No. 3120E .....each $7 20

EXTENSION BELLS.

Nos.	318E	319E	320E	321E
Each	$1 80	2 40	2 70	3 40

2587 SPLICING CLAMPS.

New page dated October 1, 1908.

Nos.	53E	155E&55E	27E	9E
Each	$1 20	1 30	1 55	1 70

LINEMEN'S VISES.

Nos.	375E	376E	377E
Each	$1 45	1 55	80

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WIRE CLAMPS.

Nos.	368E	369E	130E	131E
Each	$1 70	3 10	90	90

COME ALONGS.

Nos.	126E	127E	128E
Each	$0 65	1 35	1 60

WIRE GRIPS.

Nos.	870E	871E	872E	873E	874E	875E
Each	$2 30	2 40	3 95	6 00	2 90	3 00
Nos.	876E	877E	878E	879E	881E	882E
Each	$4 50	6 90	3 90	4 80	4 50	5 40

WIRE PEELERS.

No. 1414E .....each $0 60

WRENCHES.

Nos.	214E	326E	321E	322E	323E
Each	$0 95	1 50	1 40	1 40	1 40

PULLEY BLOCKS.

No. 184E .....per pair $2 40

ANTI-HUMMS.

No. 1447E .....each $0 20

MAGNET WINDERS.

No. 600E .....each $3 40

2588 TOOL BAGS.

No. 310E .....per dozen $34 20
No. 316E ..... " 38 15

CARBON BAGS.

No. 325E .....each $2 30

POLE CLIMBERS.

All numbers .....per pair $1 30

POLE CLIMBER STRAPS.

No. 111E .....per set $0 90

TOOL BELTS.

No. 350E .....each $0 85
No. 353E ..... " 2 40

CABLE HANGERS.

Nos.	225E	250E	275E	2100E
Per 1,000	$5 10	6 30	6 60	7 20
Nos.	2150E	2200E	238E	
Per 1,000	$7 30	7 65	36 00	

TEST CONNECTORS.

No. 705E .....each $0 05

TEST CLAMPS.

No. 706E .....each $0 12

WIRE CONNECTORS.

No. 200E .....each $0 05
Nos. 1001E to 1106E.....discount 25 per cent.

2593 CROSS ARMS.

New page dated March 1, 1910.

F. O. B. Chicago and Kansas City.

Nos.	833E	844E	845E	866E
Per 100	$17 80	23 40	29 40	35 40
Nos.	868E&888E	8810E&8[illegible]10E		
Per 100	$54 60	66 00		

F. O. B. Chicago.

Nos.	1301E	1302E	1303E	1304E
Per 100	$24 30	33 30	45 90	56 70
Nos.	1305E&1306E	1307E&1308E		
Per 100	$77 40	99 90		

F. O. B. Kansas City.

Nos.	1301E	1302E	1303E	1304E
Per 100	$23 40	32 40	44 10	54 90
Nos.	1305E&1306E	1307E&1308E		
Per 100	$74 70	97 20		

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F. O. B. M[illegible] [illegible]fer (near St.

Nos.		[illegible]02E	1303E	1304E
Per 100		[illegible]30 60	42 30	53 10
Nos.	[illegible]	[illegible]&1306E	1307E&1308E	
Per 100	$72 00		94 50	

F. O. B. Chicago and Kansas City.

Nos.	224E	230E	442E	662E	882E	10102E
Per 100	$9 60	12 10	16 80	24 40	32 90	40 55

F. O. B. Chicago.

Nos.	2300E	2301E	2302E	2303E	2304E	2305E
Pr. 100	$11 70	15 30	22 50	36 00	48 60	62 10

F. O. B. Kansas City.

Nos.	2300E	2301E	2302E	2303E	2304E	2305E
Pr. 100	$11 70	14 40	21 60	35 10	46 80	60 30

F. O. B. Minnesota Transfer (near St. Paul).

Nos.	2300E	2301E	2302E	2303E	2304E	2305E
Per 100	$10 80	14 40	20 70	34 20	45 00	58 50

Wood Pins.

F. O. B. Chicago.

Nos.	1148E	1129E	2148E	2129E	3148E	3129E
Per 100	$1 10	1 20	1 55	2 10	1 35	1 55

Wood Brackets.

F. O. B. Chicago.

No. 710E .....per 100 $1 70
No. 712E ..... " 1 95

POLE STEPS.

F. O. B. Chicago.

Nos.	9160E	9165E
Per 100	$2 75	3 30
Nos.	1360E 1362E	1364E 1911E
Each	$0 55 50	06 18

F. O. B. Kansas City.

No. 9160E .....per 100 $3 30
No. 9165E ..... " 3 20

INSULATORS.

F. O. B. Chicago.

Nos. 9E & 12 E—Less than bbl lots of 400.....per M $22 20
Bbl. lots of 400 of one kind..... " 20 55
Lots of 1,200 and over..... " 19 70
Nos. 99E and 112E.
Less than 400.....per M $21 00
Bbl. lots of 400..... " 19 40
Lots of 1,200 or over..... " 18 50

F. O. B. Kansas City.

Nos. 9E, 99E, 12E and 112E—Barrel lots only .....per M $24 90
Lots of 1,200 and over..... " 24 00

F. O. B. Chicago only.

No. 1E—Less than barrel lots.....per M $41 30
Barrel lots of 200..... " 38 00
Lots of 1,000 ..... " 36 25
No. 3E—Less than barrel lots....per M $50 65
Barrel lots of 200..... " 46 55
Lots of 1,000 ..... " 44 50

CROSS ARM BRACES.

F. O. B. Chicago.

Nos.	520E	522E	524E	526E	1020E
Per 100	$3 50	3 60	5 75	6 25	4 70
Nos.	1022E	1024E	1026E		
Per 100	$5 10	7 50	8 10		

PRICES BASED ON VALUES RULING AT DATE OF ISSUE. SUBJECT TO CHANGE WITHOUT NOTICE.